

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090518\
 Data File : VX004377.D
 Acq On : 05 Sep 2018 18:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/6/2018 12:48:54 PM

Quant Time: Sep 06 01:57:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	322053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	472805	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	434163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	269324	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	195999	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
35) Dibromofluoromethane	5.50	113	172241	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.71	98	639755	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.14	95	246943	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	162715	43.62	ug/l	97
3) Chloromethane	1.32	50	194372	47.16	ug/l	98
4) Vinyl Chloride	1.40	62	202608	48.01	ug/l	99
5) Bromomethane	1.63	94	83015	39.49	ug/l	99
6) Chloroethane	1.71	64	133868	44.44	ug/l	99
7) Trichlorofluoromethane	1.92	101	265444	45.90	ug/l	94
8) Diethyl Ether	2.18	74	125068	50.51	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	169687	46.85	ug/l	99
10) Methyl Iodide	2.50	142	191584	47.14	ug/l	97
11) Tert butyl alcohol	3.08	59	232220	259.53	ug/l	99
12) 1,1-Dichloroethene	2.37	96	159428	46.73	ug/l	96
13) Acrolein	2.29	56	52308	242.49	ug/l	98
14) Allyl chloride	2.72	41	307538	49.06	ug/l	97
15) Acrylonitrile	3.15	53	559083	252.31	ug/l	100
16) Acetone	2.45	43	443355	259.03	ug/l	97
17) Carbon Disulfide	2.56	76	377813	40.04	ug/l	100
18) Methyl Acetate	2.78	43	399272	64.10	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	590054	52.48	ug/l	99
20) Methylene Chloride	2.86	84	190674	47.19	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	174432	46.19	ug/l	95
22) Diisopropyl ether	3.87	45	598340	51.12	ug/l	99
23) Vinyl Acetate	3.82	43	2258011	238.04	ug/l	99
24) 1,1-Dichloroethane	3.69	63	342197	50.17	ug/l	99
25) 2-Butanone	4.71	43	739095	262.93	ug/l	99
26) 2,2-Dichloropropane	4.58	77	244740	45.75	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	211098	49.29	ug/l	98
28) Bromochloromethane	5.01	49	148022	49.02	ug/l	99
29) Tetrahydrofuran	5.16	42	467087	258.99	ug/l	99
30) Chloroform	5.21	83	339920	49.71	ug/l	99
31) Cyclohexane	5.57	56	284132	48.28	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	283691	49.75	ug/l	99
36) 1,1-Dichloropropene	5.79	75	248237	46.70	ug/l	99
37) Ethyl Acetate	4.86	43	260105	49.76	ug/l	99
38) Carbon Tetrachloride	5.78	117	239534	47.90	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	295011	48.61	ug/l	99
40) Benzene	6.14	78	778014	48.99	ug/l	100
41) Methacrylonitrile	5.06	41	157085	51.84	ug/l	99
42) 1,2-Dichloroethane	6.20	62	259030	47.81	ug/l	99
43) Isopropyl Acetate	6.46	43	422976	52.66	ug/l	99
44) Trichloroethene	7.21	130	214313	48.75	ug/l	100
45) 1,2-Dichloropropane	7.52	63	201914	50.79	ug/l	100
46) Dibromomethane	7.67	93	127198	48.06	ug/l	97
47) Bromodichloromethane	7.90	83	244814	49.71	ug/l	98
48) Methyl methacrylate	7.78	41	225002	52.35	ug/l	98
49) 1,4-Dioxane	7.76	88	101693	1042.07	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1436810	246.18	ug/l	99
52) Toluene	8.79	92	495599	49.85	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	280145	51.50	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	310138	52.34	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	203793	50.78	ug/l	98
56) Ethyl methacrylate	9.18	69	305247	55.87	ug/l	97
57) 1,3-Dichloropropane	9.37	76	342902	50.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	742647	265.29	ug/l	100
59) 2-Hexanone	9.50	43	1104934	248.15	ug/l	99
60) Dibromochloromethane	9.59	129	200862	51.37	ug/l	100
61) 1,2-Dibromoethane	9.67	107	208152	50.12	ug/l	99
64) Tetrachloroethene	9.34	164	223907	52.21	ug/l	99
65) Chlorobenzene	10.14	112	547450	50.24	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.22	131	193463	51.48	ug/l	98
67) Ethyl Benzene	10.25	91	903220	51.04	ug/l	97
68) m/p-Xylenes	10.36	106	730562	105.58	ug/l	98
69) o-Xylene	10.70	106	357562	54.63	ug/l	99
70) Styrene	10.71	104	588240	55.51	ug/l	99
71) Bromoform	10.86	173	154703	51.07	ug/l	98
73) Isopropylbenzene	11.02	105	964932	54.55	ug/l	100
74) N-amyl acetate	10.90	43	371024	54.48	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	308266	49.80	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	283009m	51.67	ug/l	
77) Bromobenzene	11.26	156	257956	51.99	ug/l	99
78) n-propylbenzene	11.36	91	1107082	54.42	ug/l	100
79) 2-Chlorotoluene	11.42	91	649982	51.91	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	800118	54.62	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	91385	54.13	ug/l	94
82) 4-Chlorotoluene	11.51	91	757086	51.38	ug/l	99
83) tert-Butylbenzene	11.77	119	806068	54.69	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	856970	56.99	ug/l	99
85) sec-Butylbenzene	11.94	105	979489	55.98	ug/l	99
86) p-Isopropyltoluene	12.07	119	872408	55.63	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	471410	50.46	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	471650	47.88	ug/l	99
89) n-Butylbenzene	12.39	91	697991	54.74	ug/l	98
90) Hexachloroethane	12.60	117	124613	56.85	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	431969	50.59	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57212	52.47	ug/l	96

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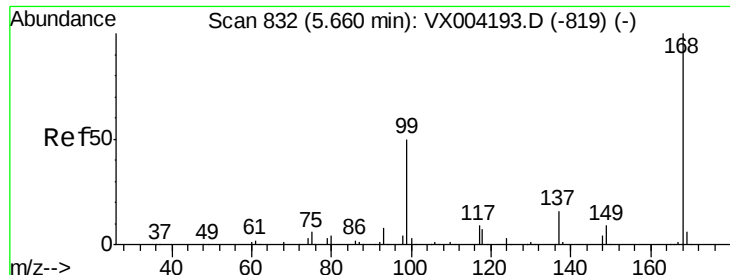
Manual Integrations
APPROVED

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9/6/2018 12:48:54 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	353856	56.96	ug/l	99
94) Hexachlorobutadiene	13.79	225	167590	58.01	ug/l	98
95) Naphthalene	13.83	128	1074080	61.13	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	365716	55.61	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 322053

Ion Ratio Lower Upper

168 100

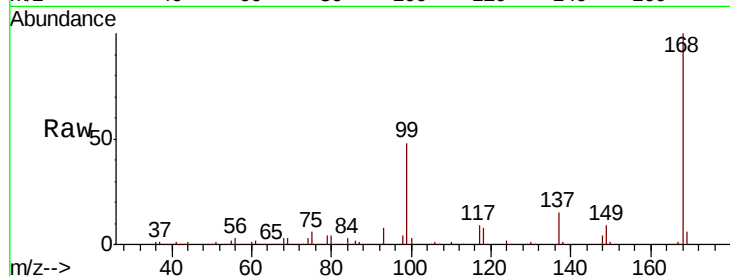
99 47.6 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

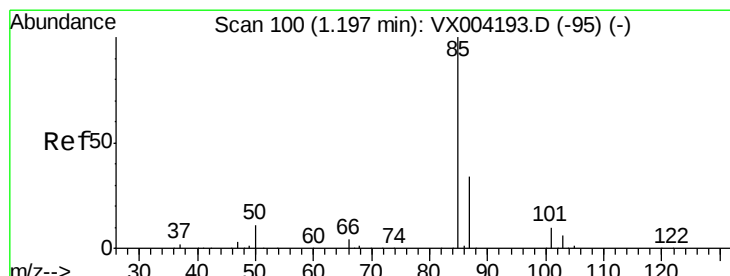
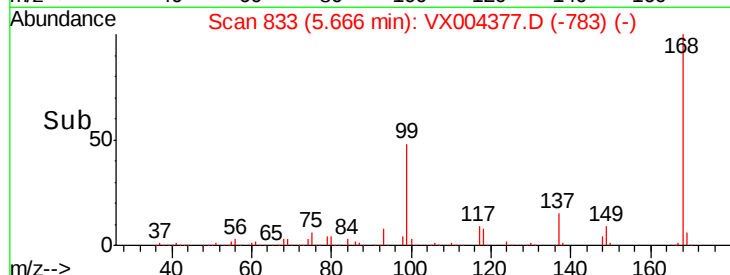
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.62 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004377.D

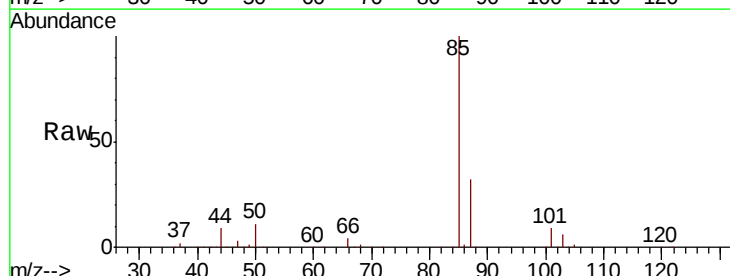
Acq: 05 Sep 2018 18:28

Tgt Ion: 85 Resp: 162715

Ion Ratio Lower Upper

85 100

87 32.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

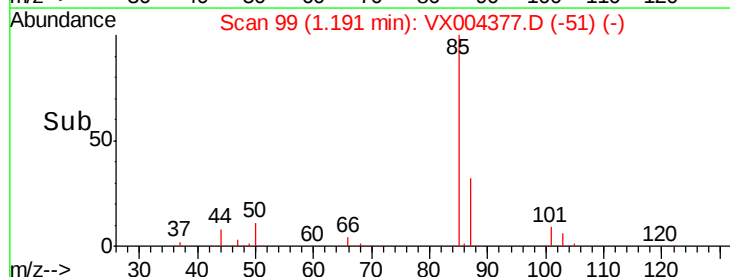
150000

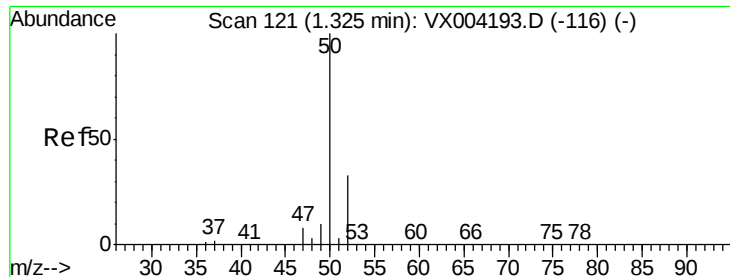
100000

50000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.16 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 194372

Ion Ratio Lower Upper

50 100

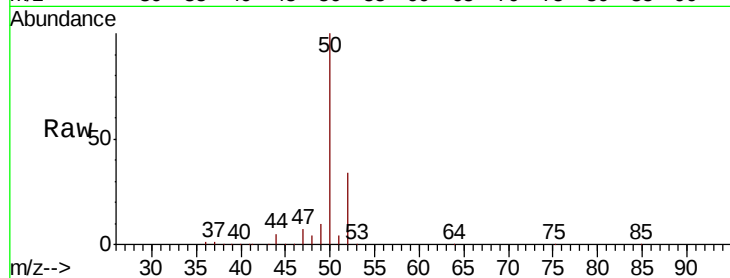
52 33.6 26.2 39.2

Manual Integrations

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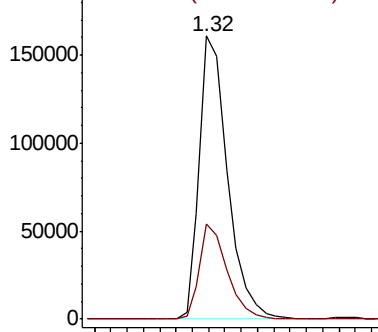
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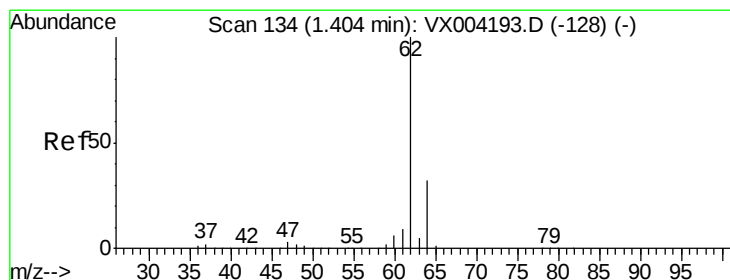
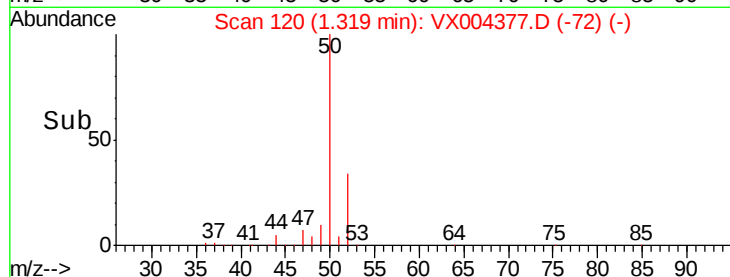


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 48.01 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004377.D

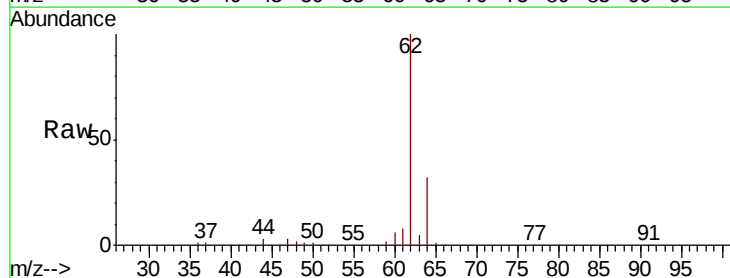
Acq: 05 Sep 2018 18:28

Tgt Ion: 62 Resp: 202608

Ion Ratio Lower Upper

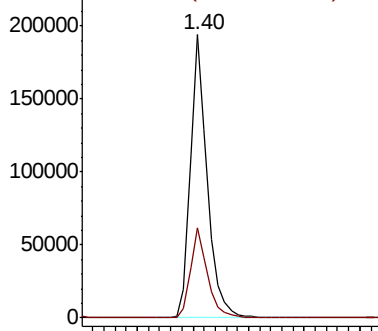
62 100

64 32.0 25.8 38.8

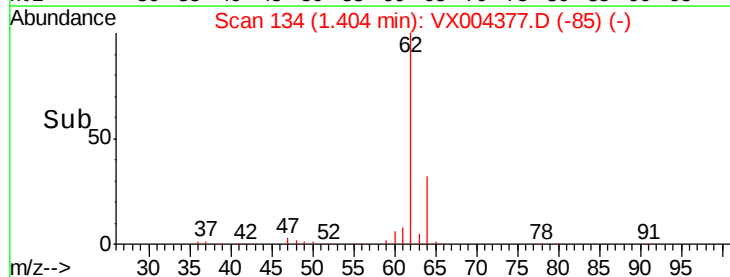


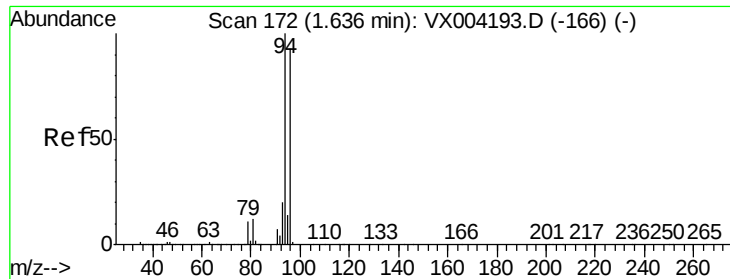
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 39.49 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 83015

Ion Ratio Lower Upper

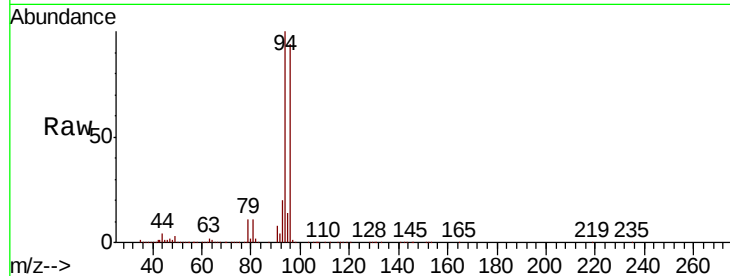
94 100

96 93.8 74.5 111.7

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

80000

60000

40000

20000

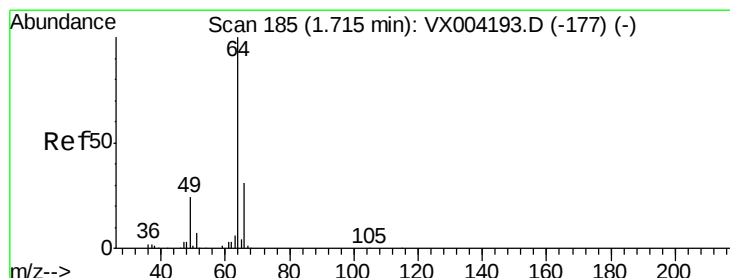
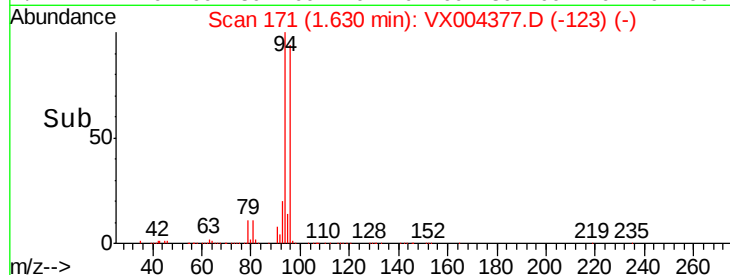
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Time-->

1.50

1.60

1.70



#6

Chloroethane

Concen: 44.44 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX004377.D

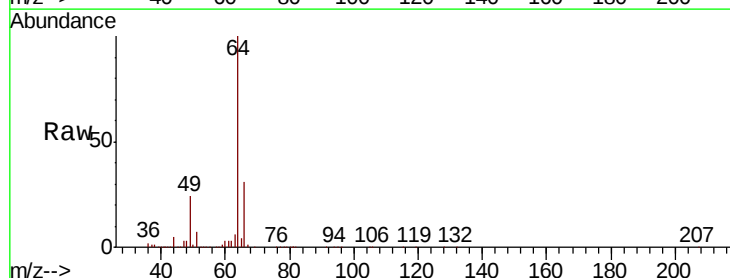
Acq: 05 Sep 2018 18:28

Tgt Ion: 64 Resp: 133868

Ion Ratio Lower Upper

64 100

66 31.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

100000

80000

60000

40000

20000

0

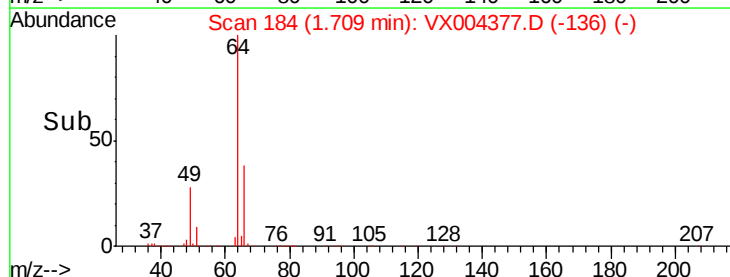
Time-->

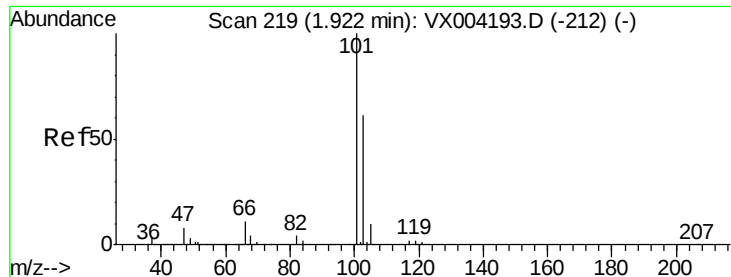
1.65

1.70

1.75

1.80





#7

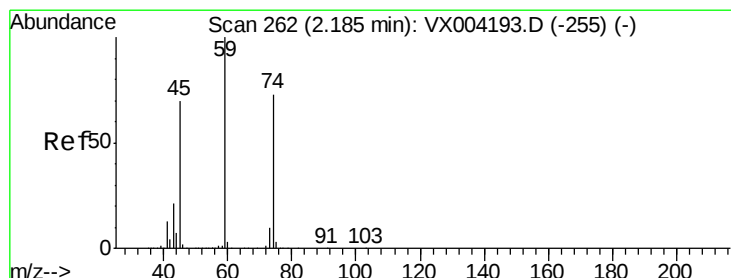
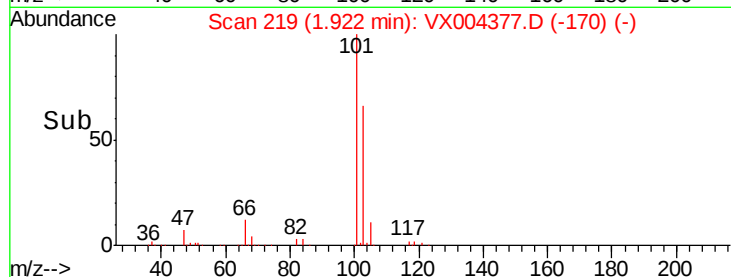
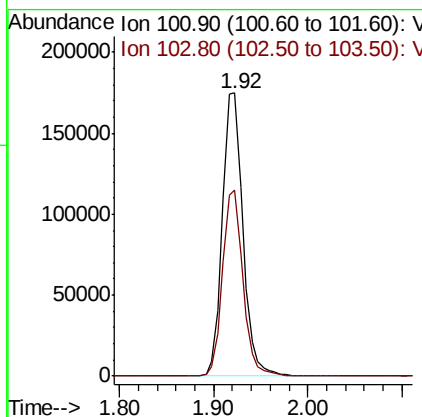
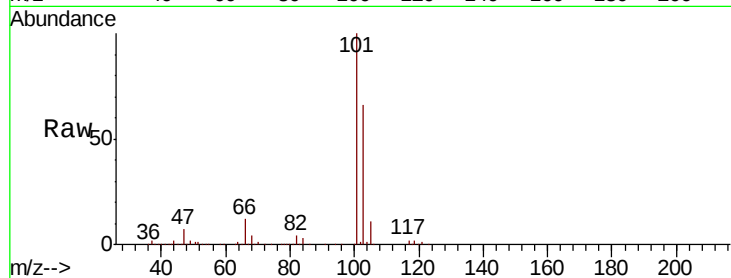
Trichlorofluoromethane
Concen: 45.90 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	48.9	73.3

Manual Integrations
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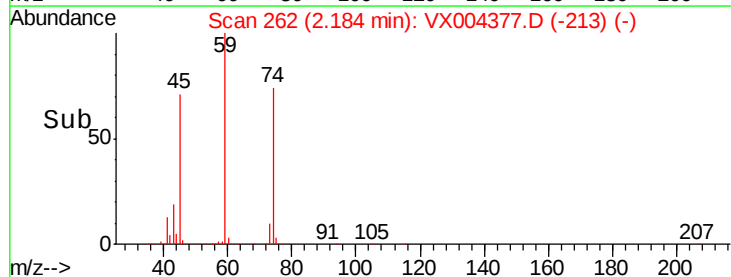
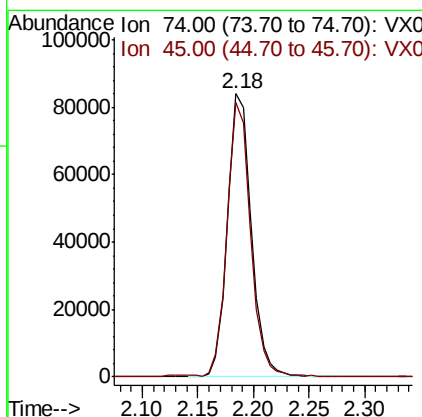
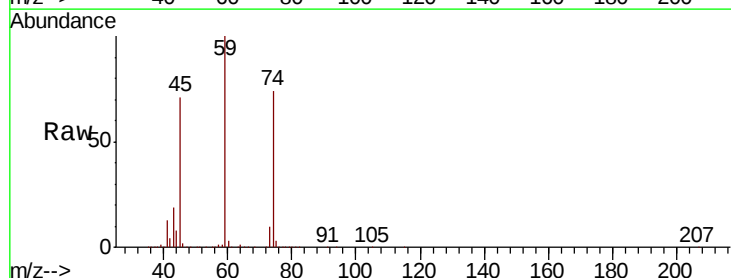
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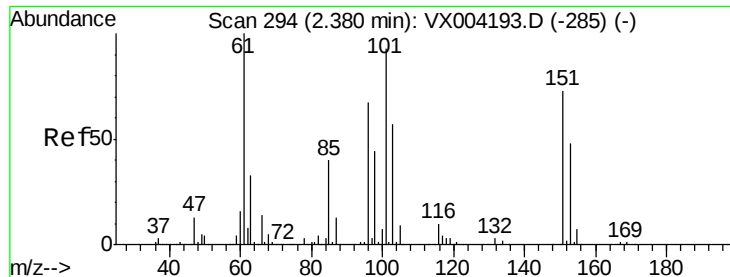


#8

Diethyl Ether
Concen: 50.51 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.8	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.85 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

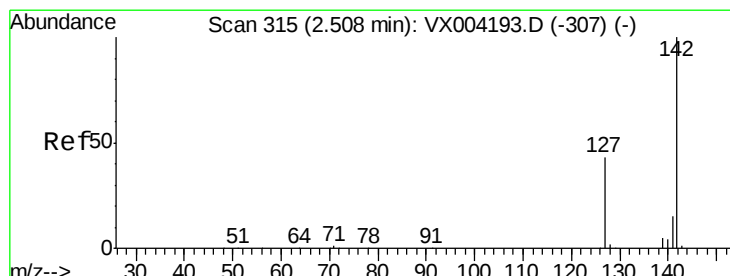
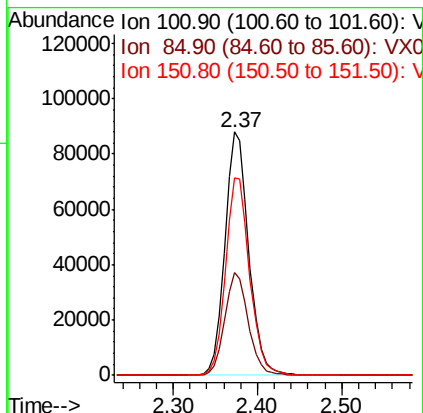
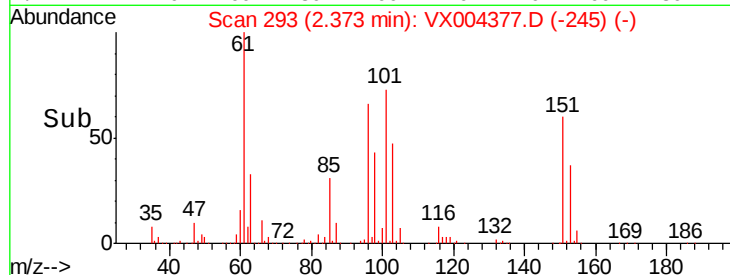
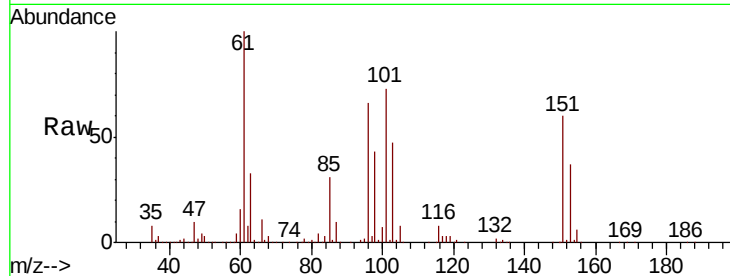
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	169687
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.2	51.4
151	82.1	65.0	97.6

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#10

Methyl Iodide

Concen: 47.14 ug/l

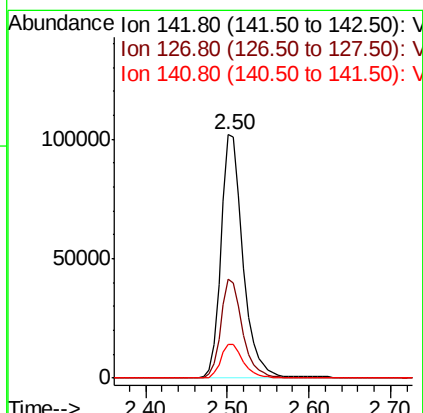
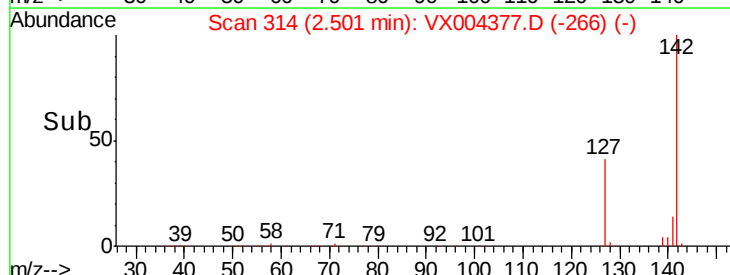
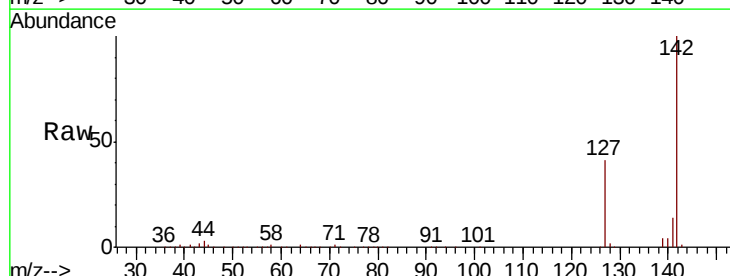
RT: 2.50 min Scan# 314

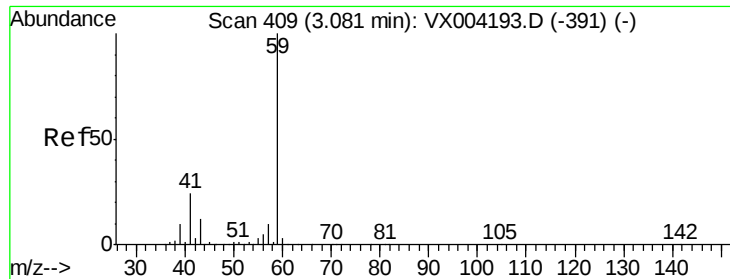
Delta R.T. -0.01 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Tgt Ion:	142	Resp:	191584
Ion Ratio	Lower	Upper	
142	100		
127	40.1	33.8	50.6
141	14.2	11.4	17.0





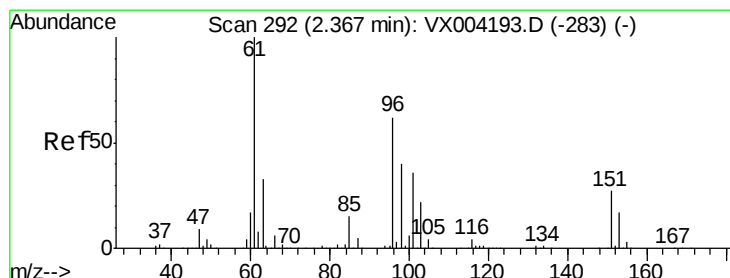
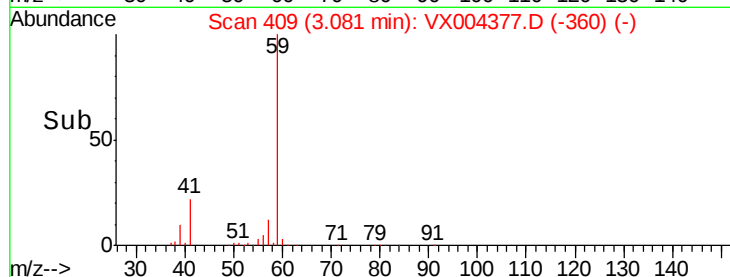
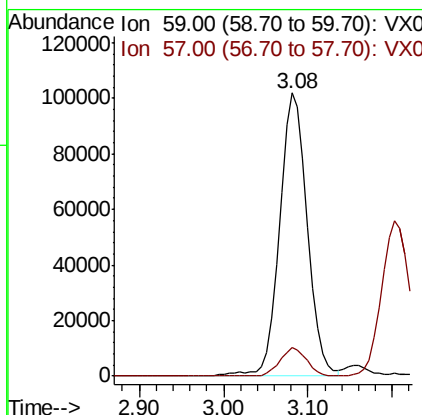
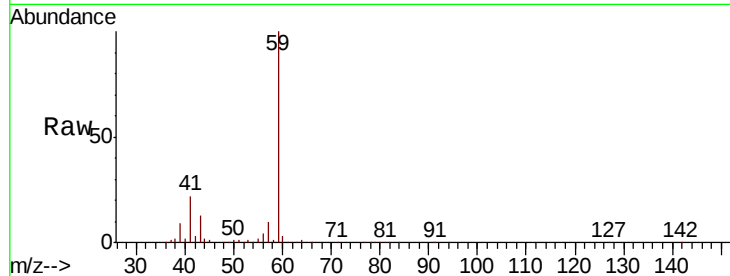
#11
Tert butyl alcohol
Concen: 259.53 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.4

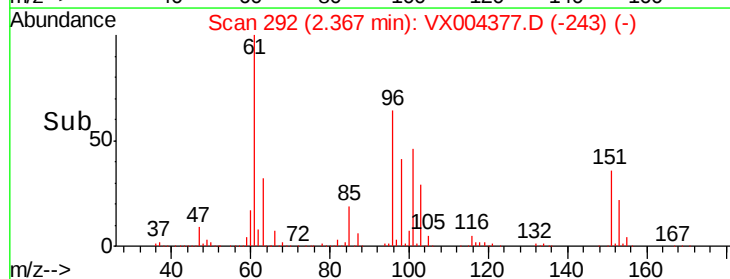
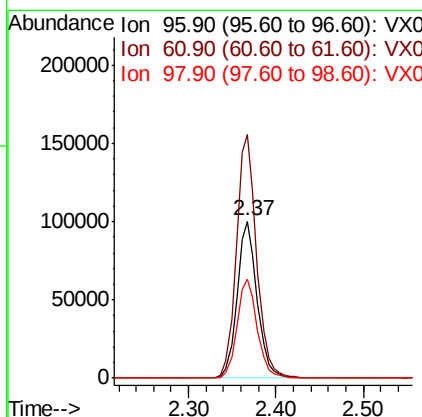
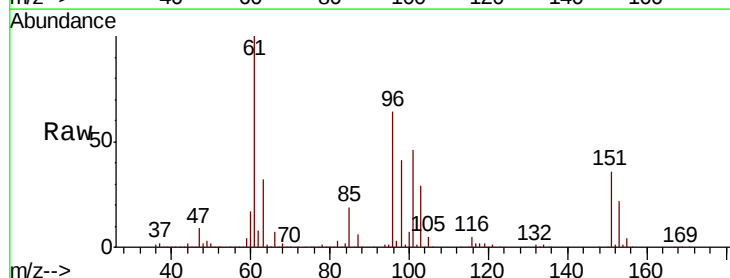
Manual Integrations
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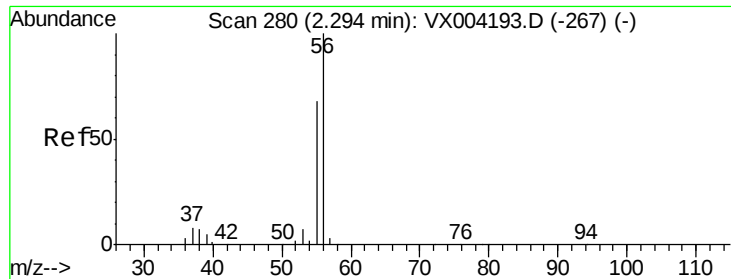
MMDadoda
9/6/2018 12:48:54 PM



#12
1,1-Dichloroethene
Concen: 46.73 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.3	128.8	193.2
98	63.5	52.2	78.2





#13

Acrolein

Concen: 242.49 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 52308

Ion Ratio Lower Upper

56 100

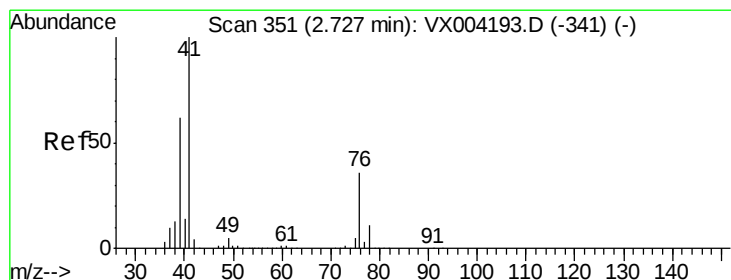
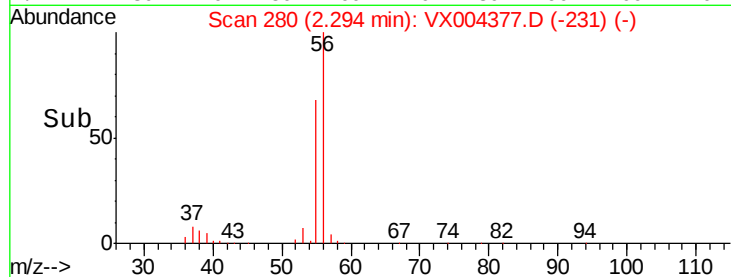
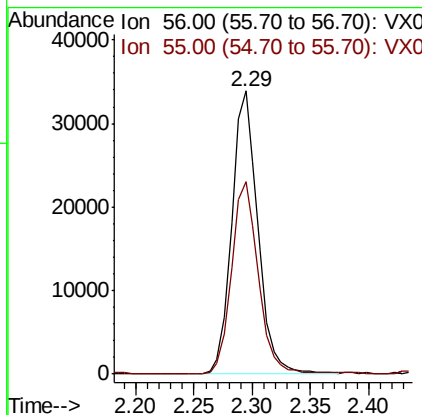
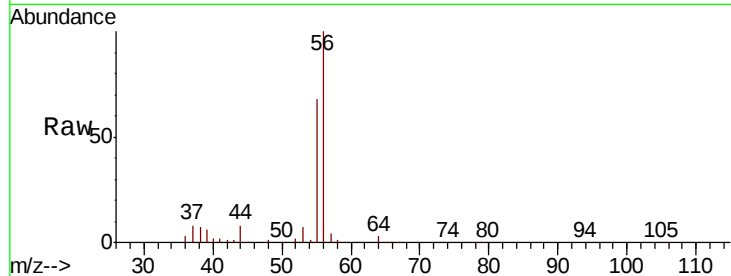
55 70.1 54.7 82.1

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#14

Allyl chloride

Concen: 49.06 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

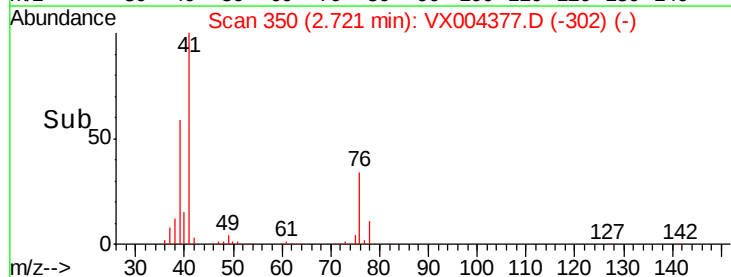
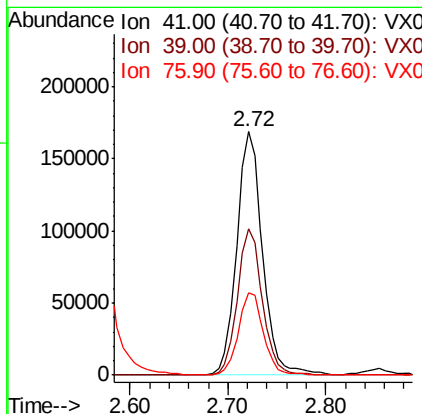
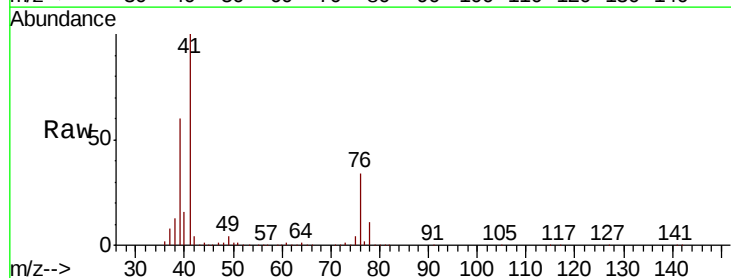
Tgt Ion: 41 Resp: 307538

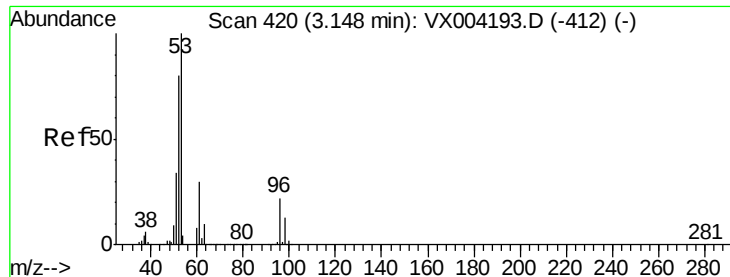
Ion Ratio Lower Upper

41 100

39 58.2 48.9 73.3

76 33.0 26.7 40.1





#15

Acrylonitrile

Concen: 252.31 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

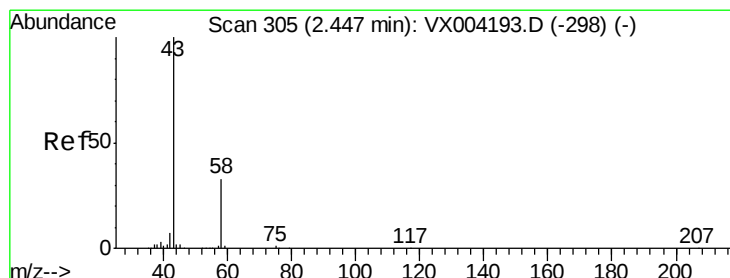
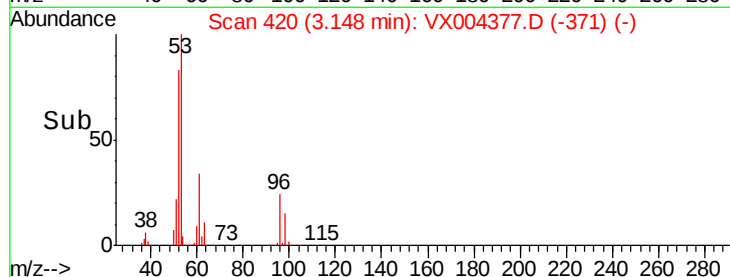
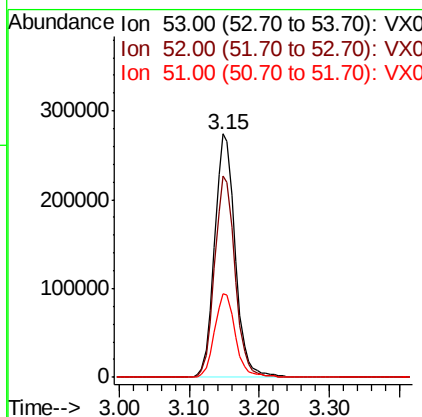
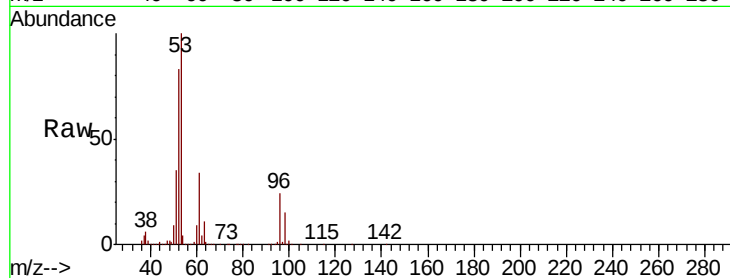
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	559083
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.2	97.8
51	35.0	28.2	42.2

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#16

Acetone

Concen: 259.03 ug/l

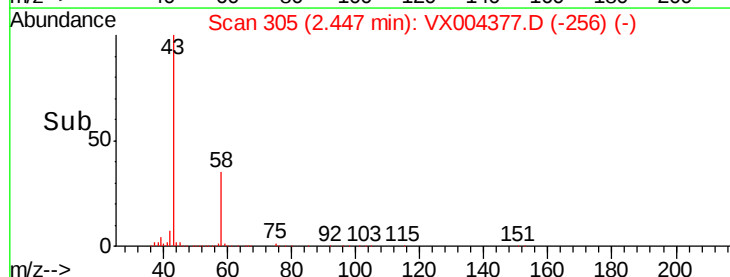
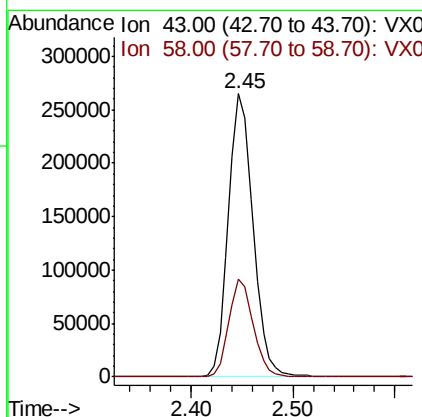
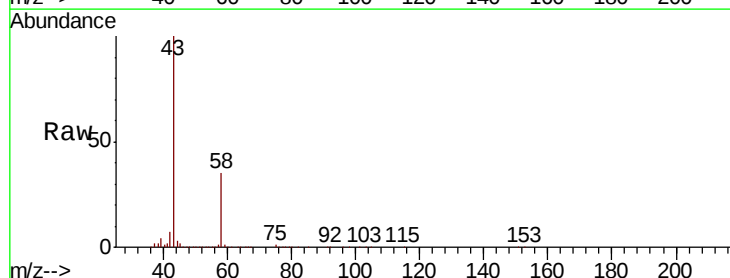
RT: 2.45 min Scan# 305

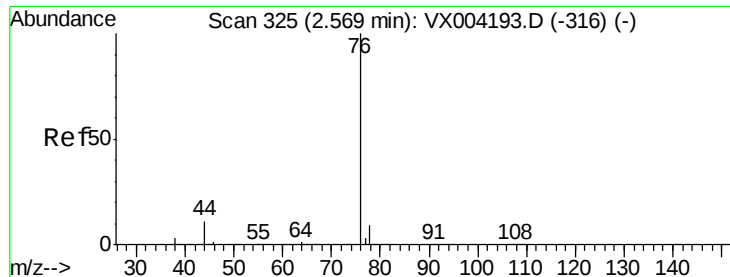
Delta R.T. 0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Tgt Ion:	43	Resp:	443355
Ion	Ratio	Lower	Upper
43	100		
58	34.5	26.2	39.4





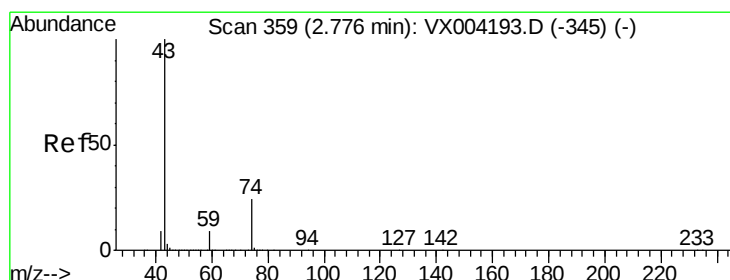
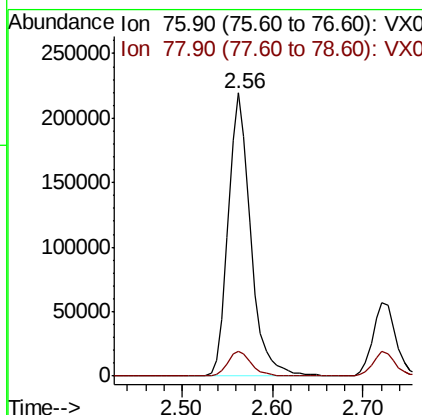
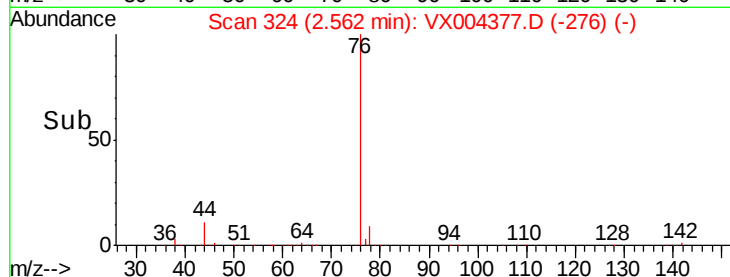
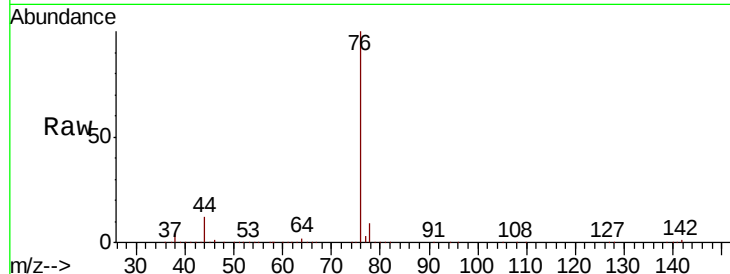
#17
Carbon Disulfide
Concen: 40.04 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

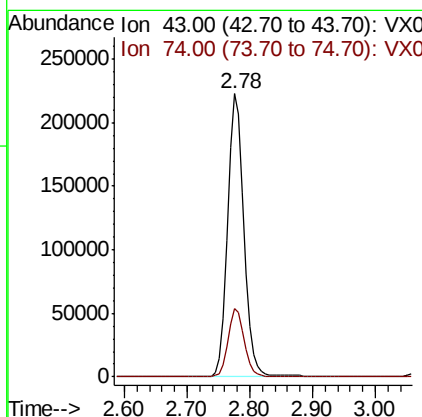
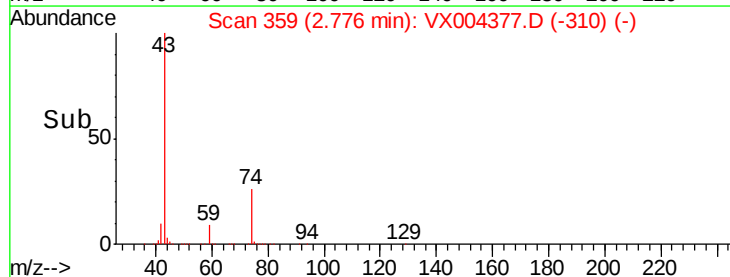
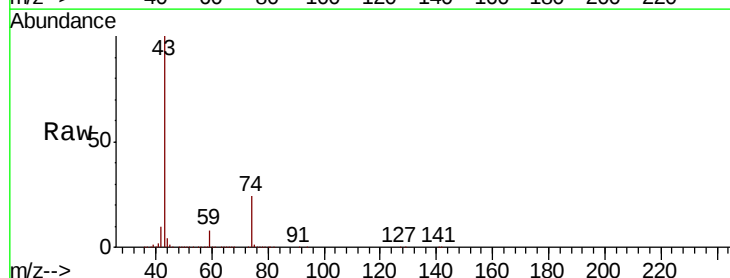
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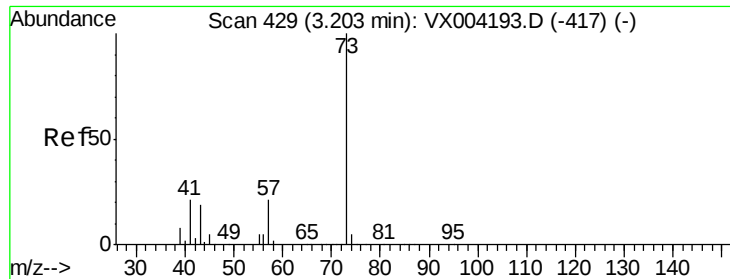
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#18
Methyl Acetate
Concen: 64.10 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.4	29.2





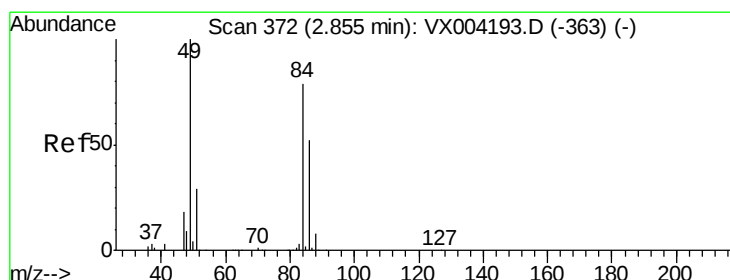
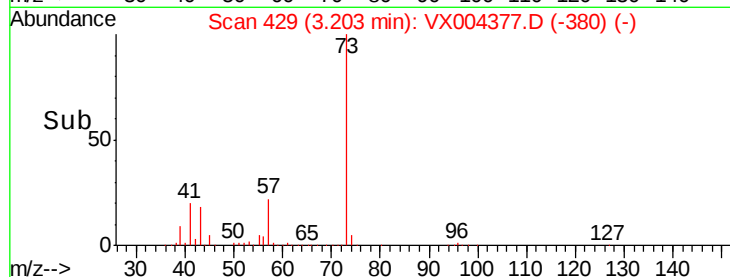
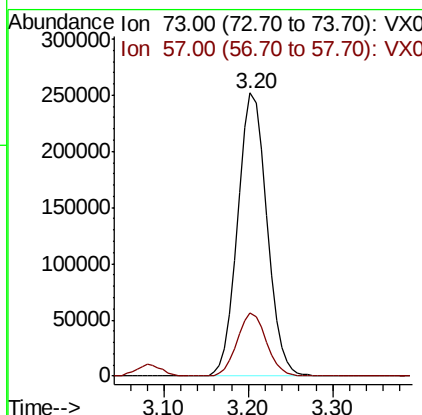
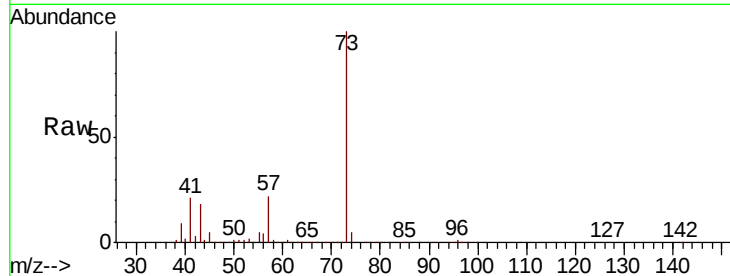
#19
Methvl tert-butvl Ether
Concen: 52.48 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 590054
Ion Ratio Lower Upper
73 100
57 22.1 17.1 25.7

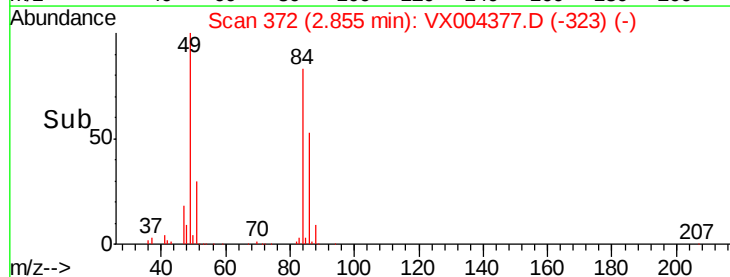
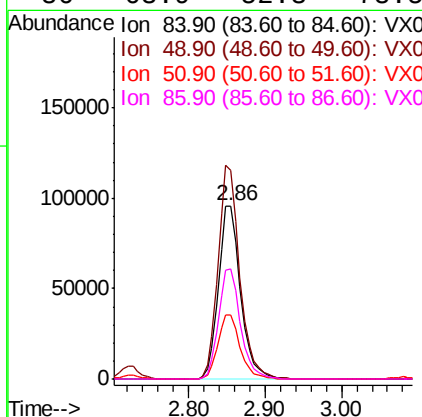
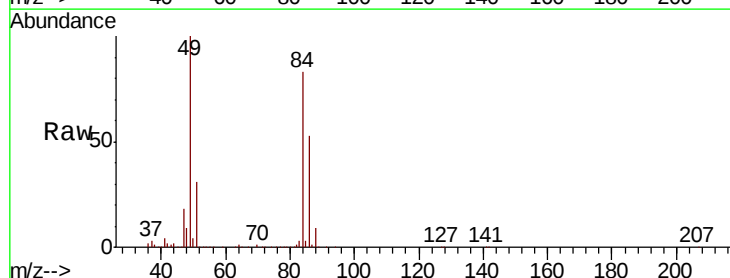
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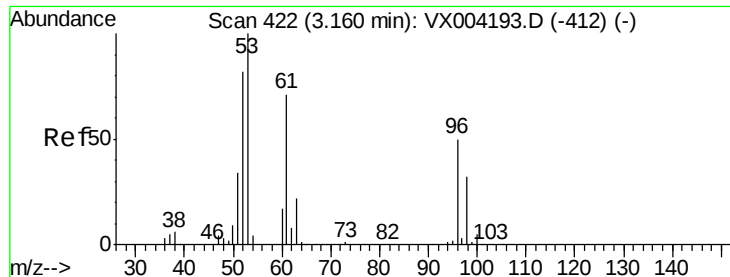
MMDadoda
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#20
Methylene Chloride
Concen: 47.19 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Tgt Ion: 84 Resp: 190674
Ion Ratio Lower Upper
84 100
49 120.6 101.2 151.8
51 36.7 29.5 44.3
86 63.9 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 46.19 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 174432

Ion Ratio Lower Upper

96 100

61 134.7 113.8 170.6

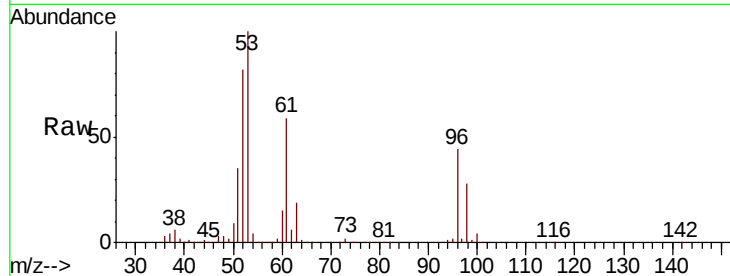
98 63.0 51.8 77.8

Manual Integrations

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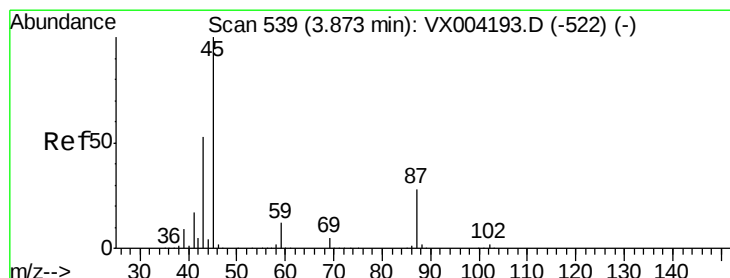
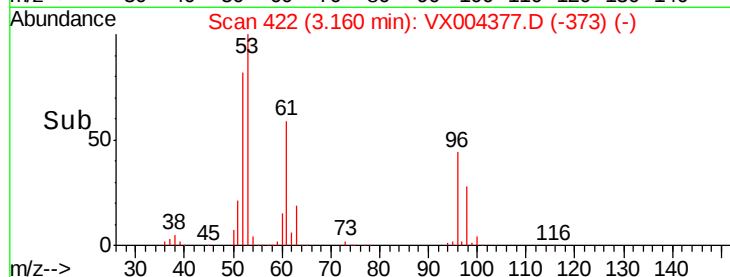
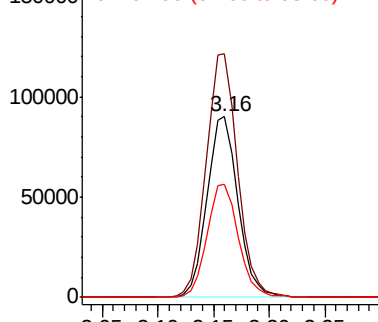


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.12 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Tgt Ion: 45 Resp: 598340

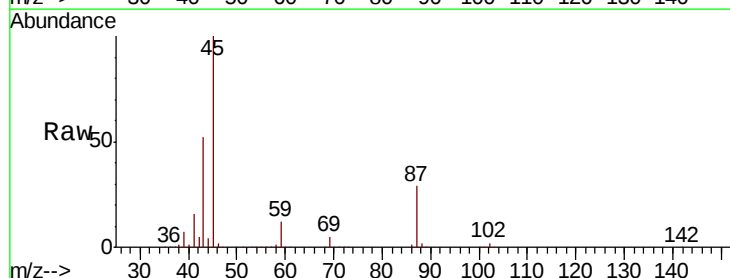
Ion Ratio Lower Upper

45 100

43 52.1 42.8 64.2

87 28.7 22.6 34.0

59 12.3 9.6 14.4



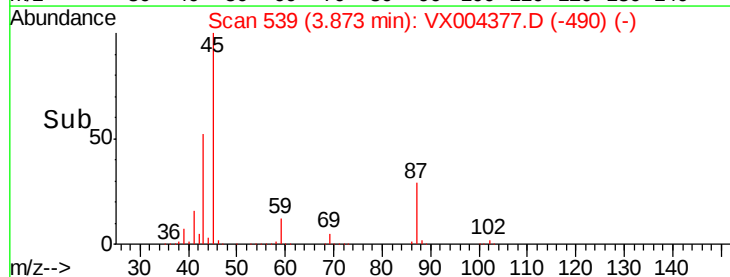
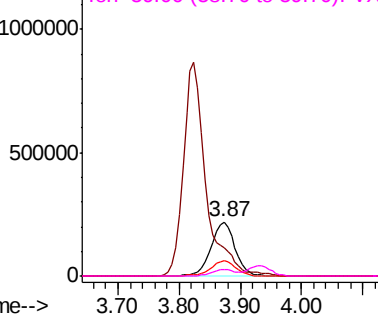
Abundance

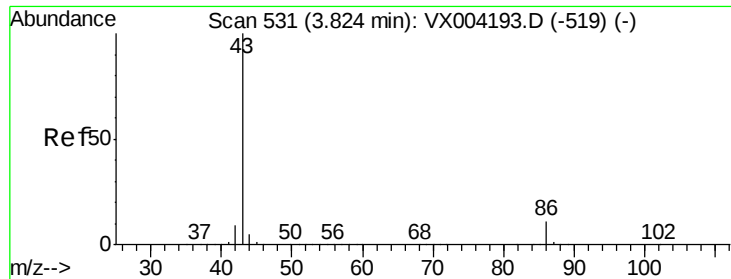
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





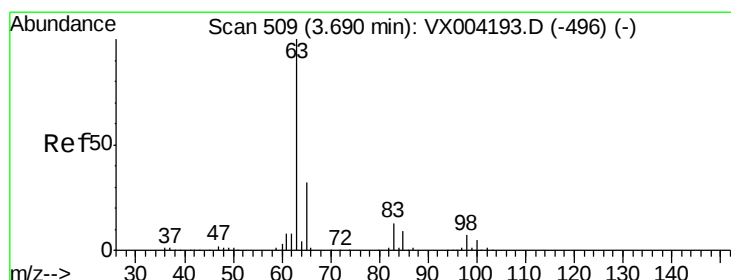
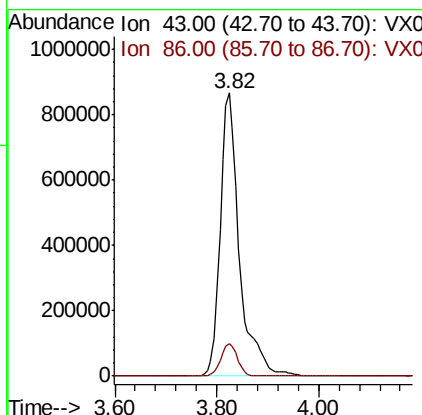
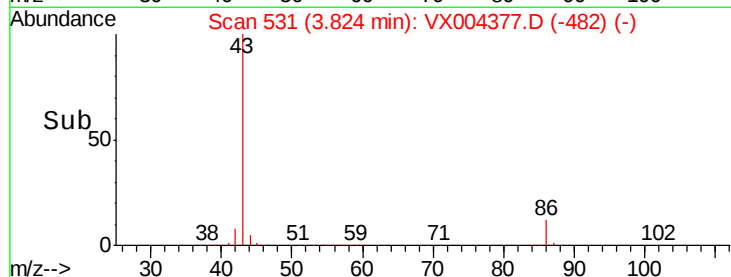
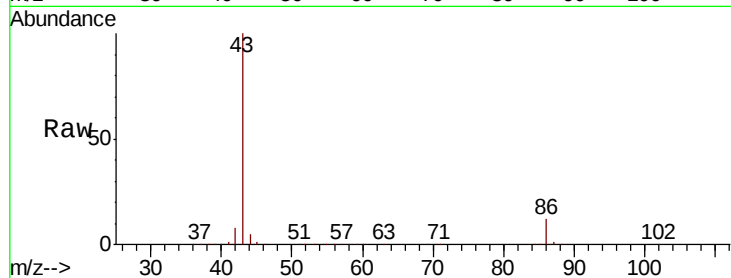
#23
 Vinyl Acetate
 Concen: 238.04 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2258011
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.9 13.3

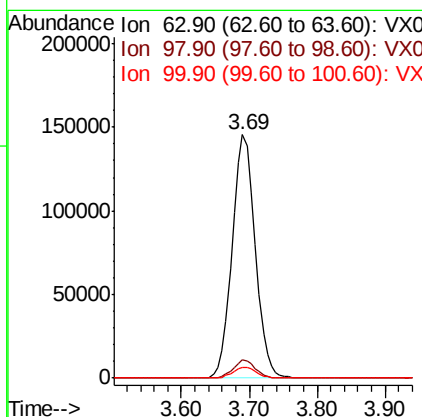
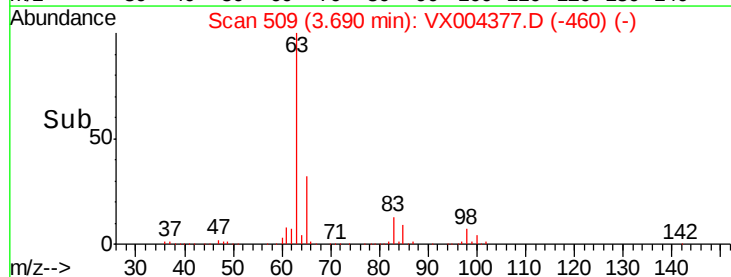
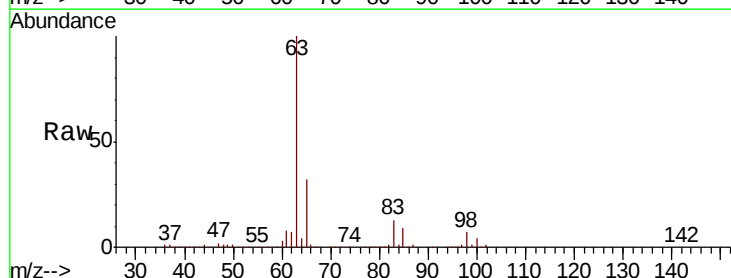
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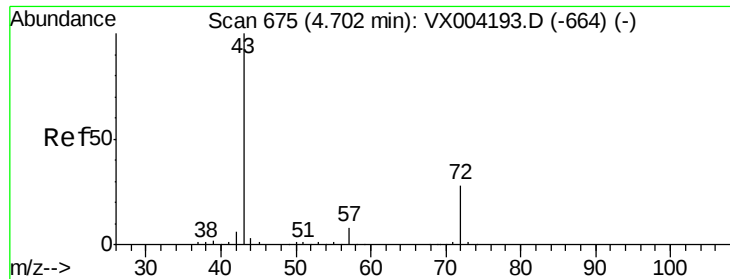
MMDadoda
 9/6/2018 12:48:54 PM



#24
 1,1-Dichloroethane
 Concen: 50.17 ug/l
 RT: 3.69 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Tgt Ion: 63 Resp: 342197
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.5 2.4 7.1





#25

2-Butanone

Concen: 262.93 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 739095

Ion Ratio Lower Upper

43 100

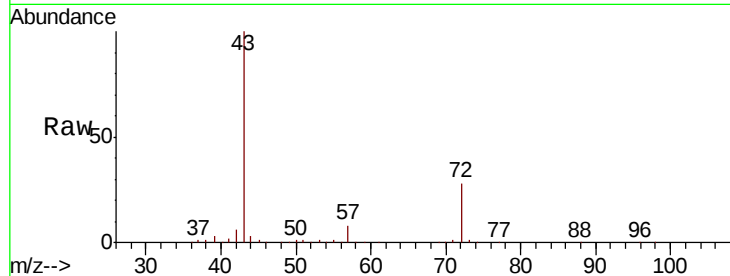
72 28.0 22.0 33.0

Manual Integrations

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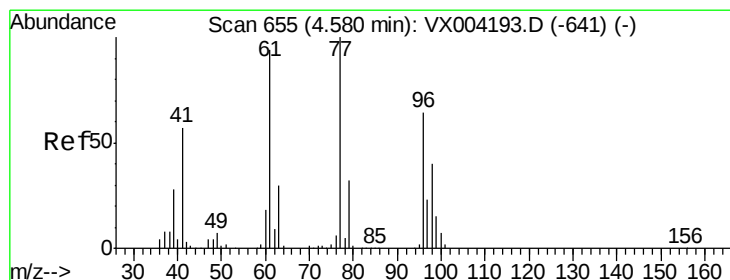
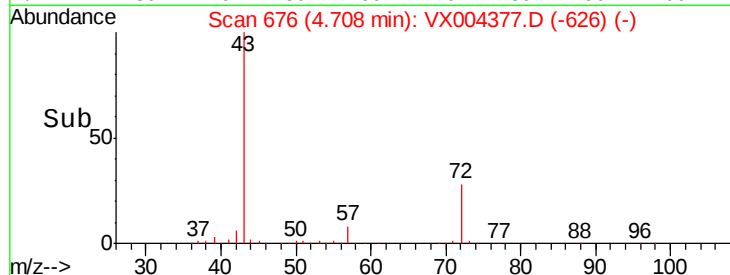
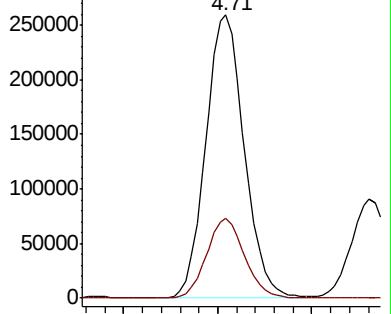
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.75 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004377.D

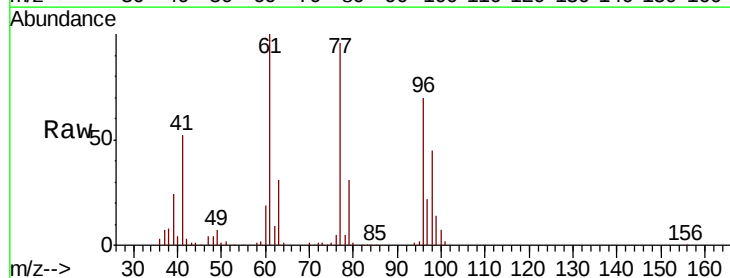
Acq: 05 Sep 2018 18:28

Tgt Ion: 77 Resp: 244740

Ion Ratio Lower Upper

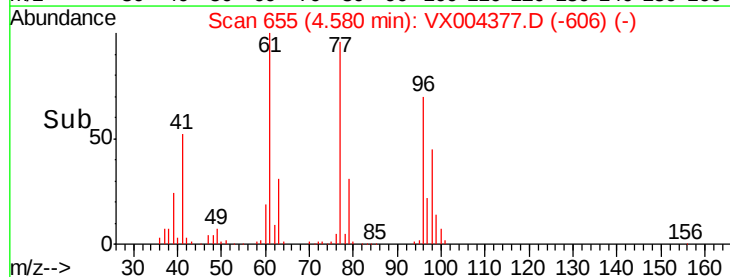
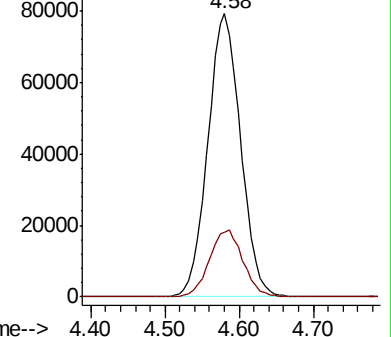
77 100

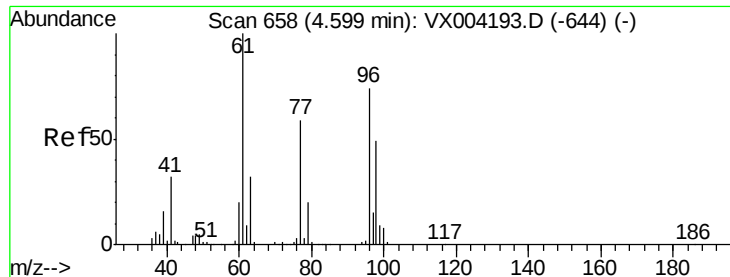
97 24.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

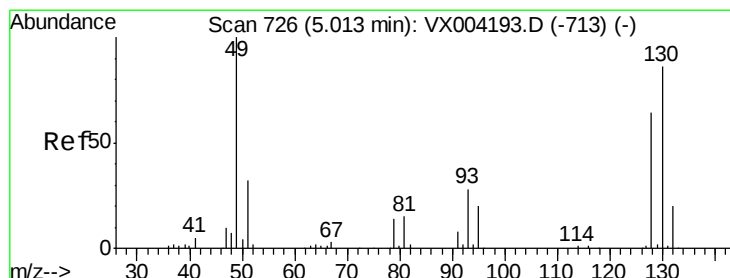
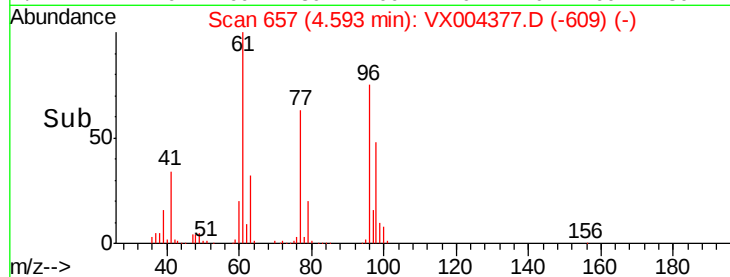
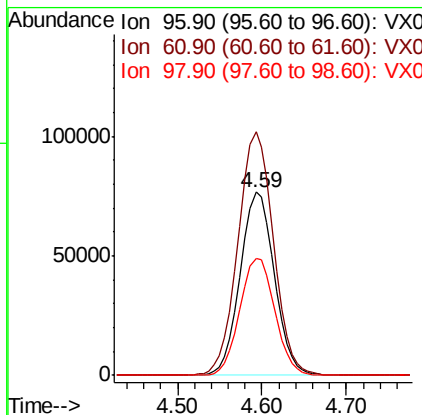
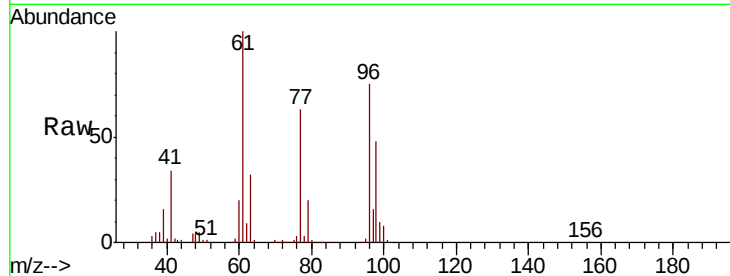
cis-1,2-Dichloroethene
 Concen: 49.29 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	211098		
61	138.1	0.0	282.6	
98	65.5	0.0	130.2	

Manual Integrations
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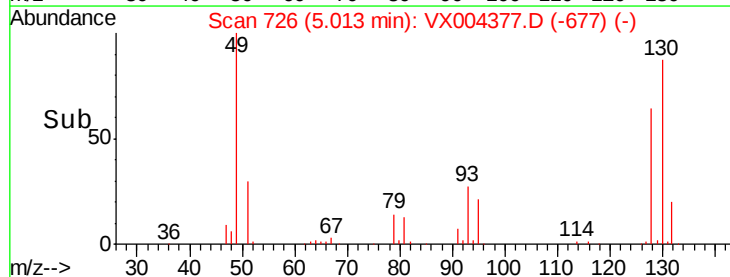
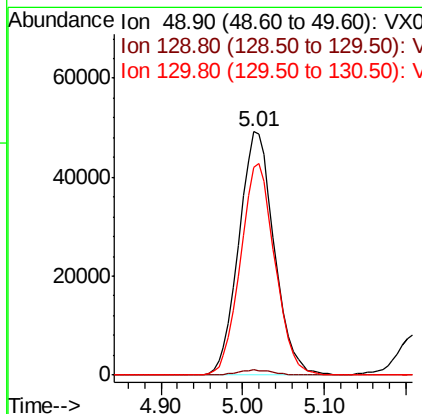
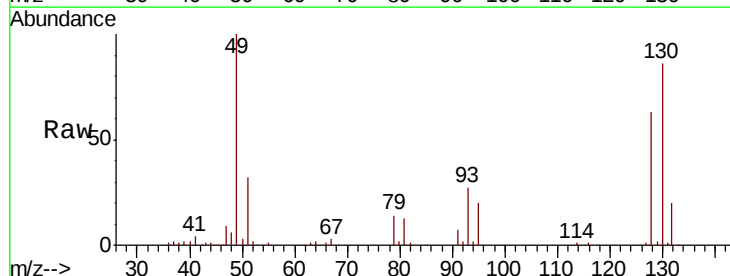
MMDadoda
 9/6/2018 12:48:54 PM

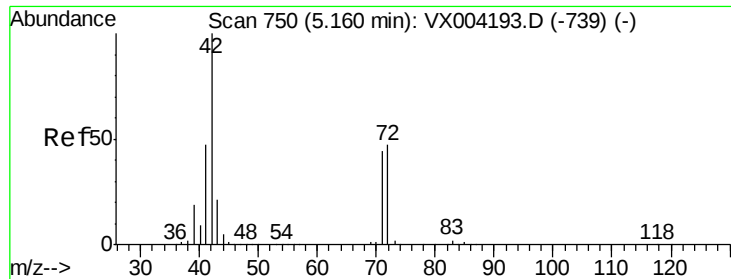


#28

Bromochloromethane
 Concen: 49.02 ug/l
 RT: 5.01 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	148022		
129	2.1	0.0	4.2	
130	85.1	67.5	101.3	





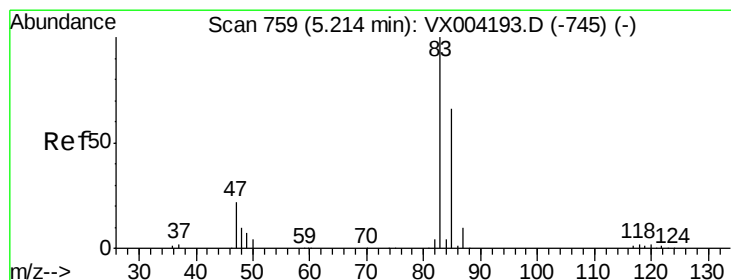
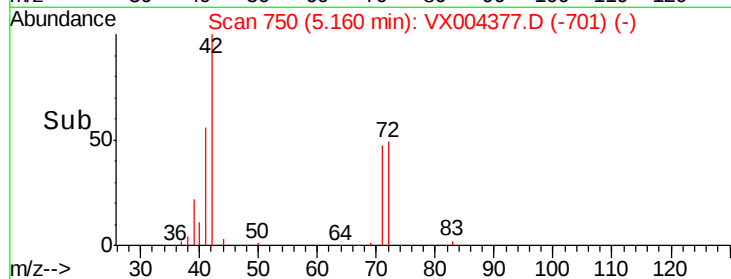
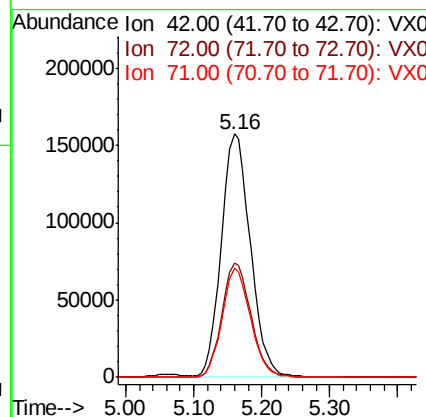
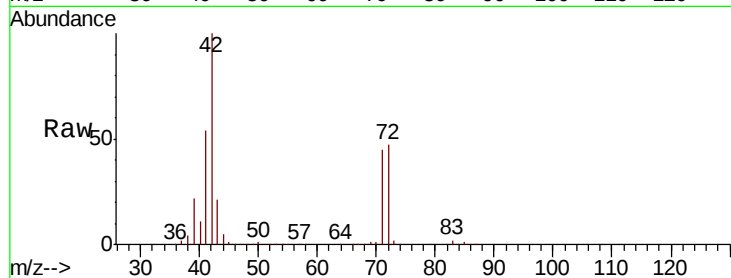
#29
Tetrahydrofuran
Concen: 258.99 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.4	56.0
71	44.0	34.5	51.7

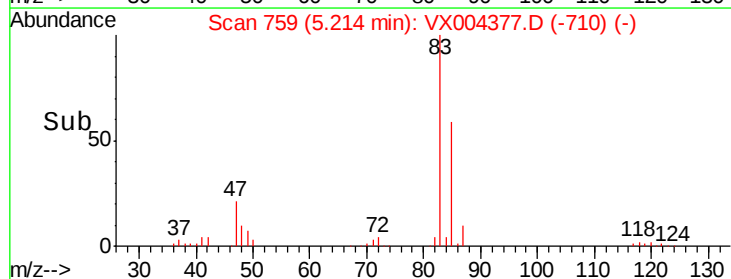
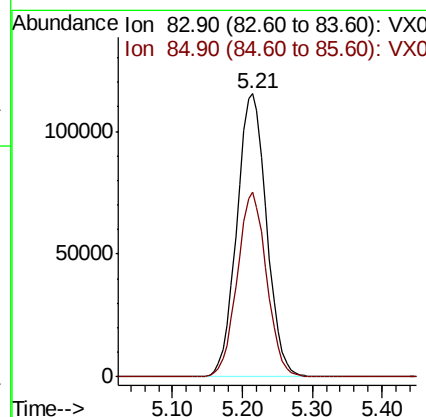
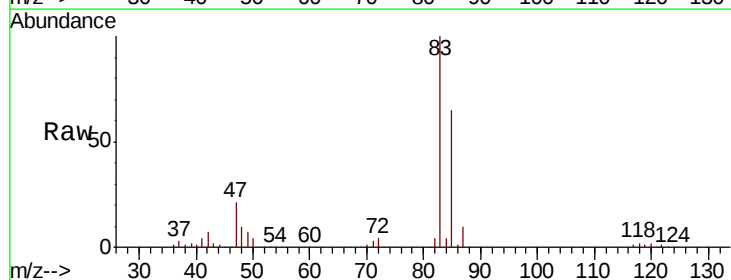
Manual Integrations
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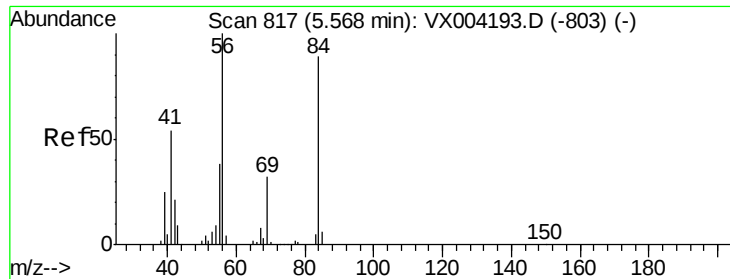
MMDadoda
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#30
Chloroform
Concen: 49.71 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.6	79.0





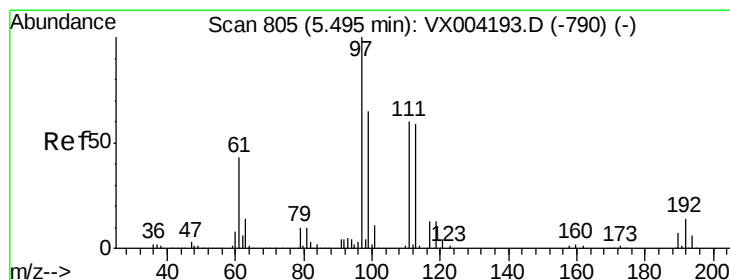
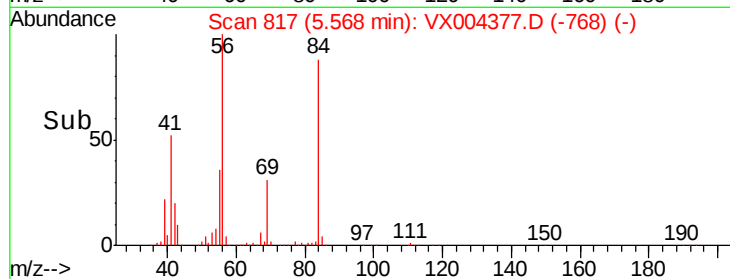
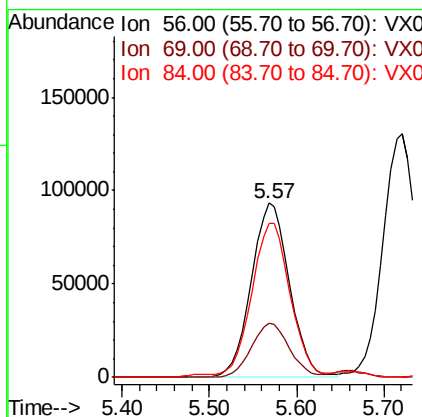
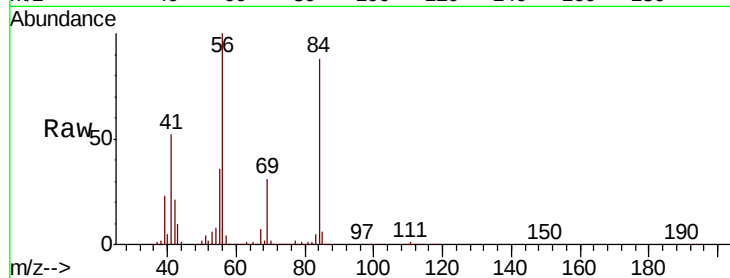
#31
Cyclohexane
Concen: 48.28 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.4	38.2
84	87.1	71.4	107.2

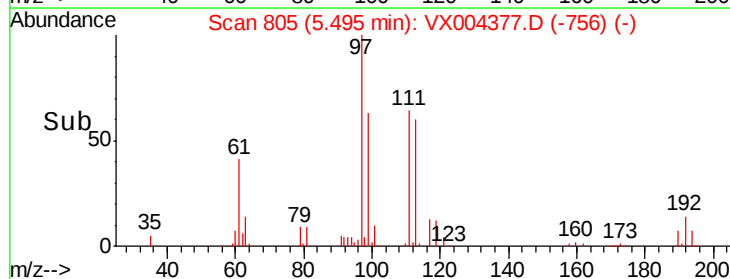
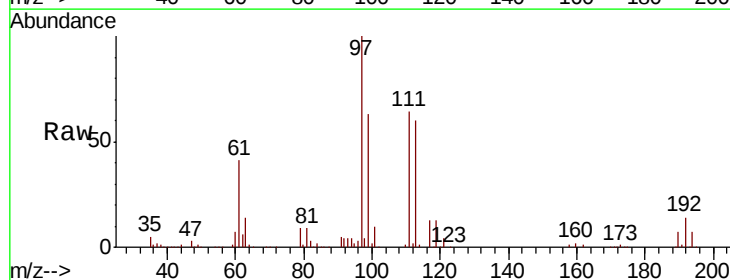
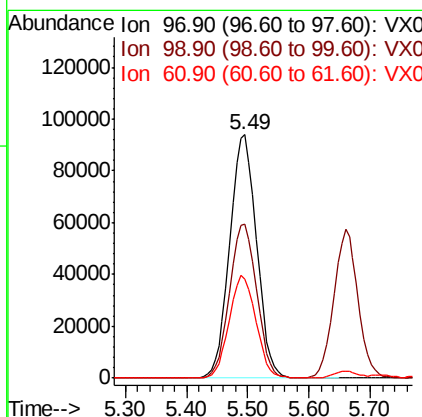
Manual Integrations
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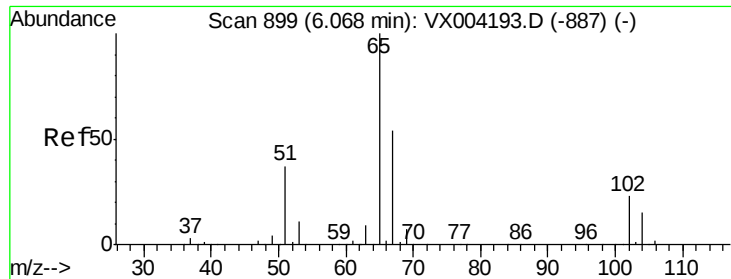
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 49.75 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.0	78.0
61	42.2	34.9	52.3





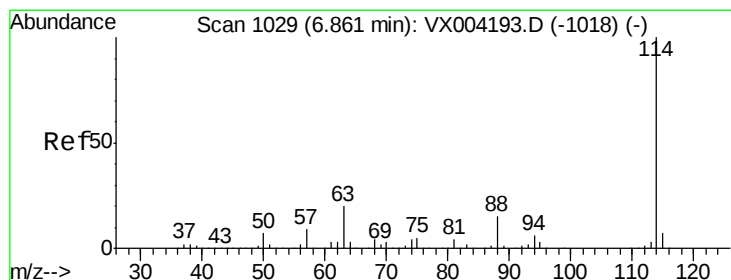
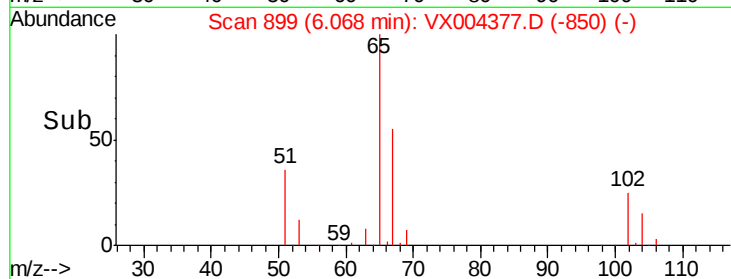
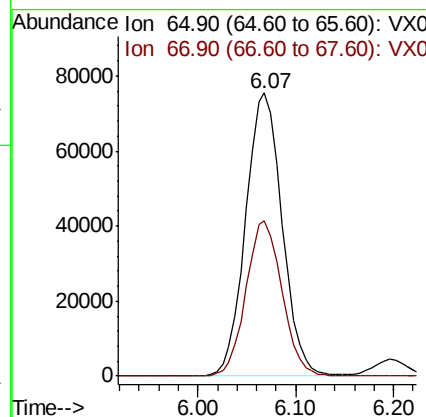
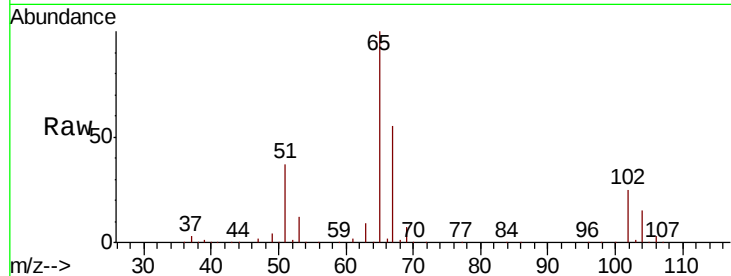
#33
 1,2-Dichloroethane-d4
 Concen: 46.69 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	195999		
67	54.2	0.0	106.8	

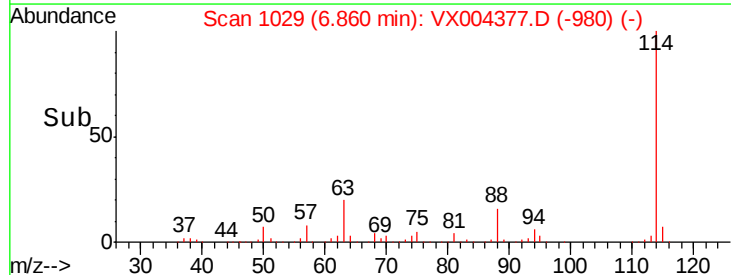
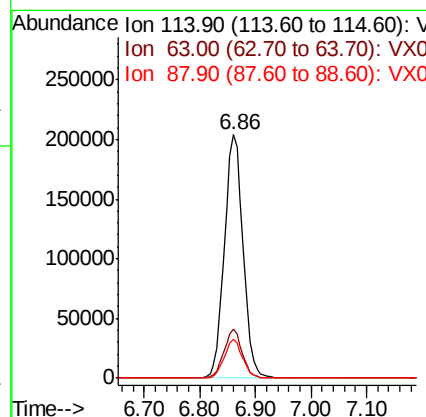
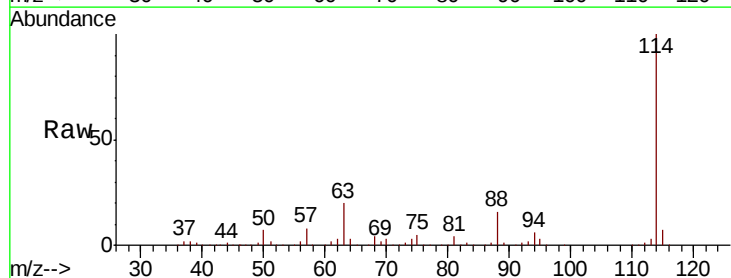
Manual Integrations
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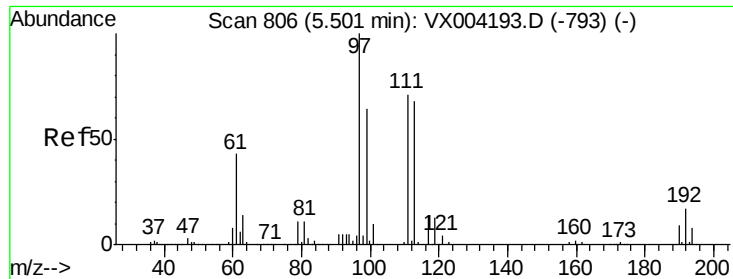
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	472805		
63	19.9	0.0	39.0	
88	15.9	0.0	30.4	





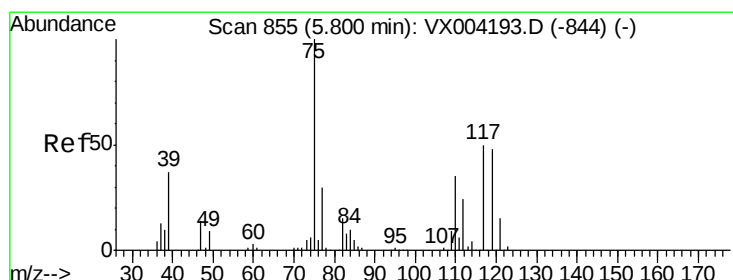
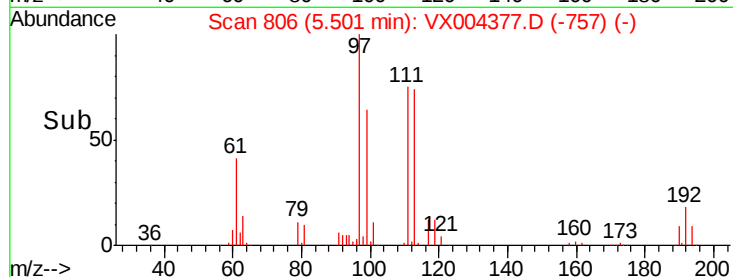
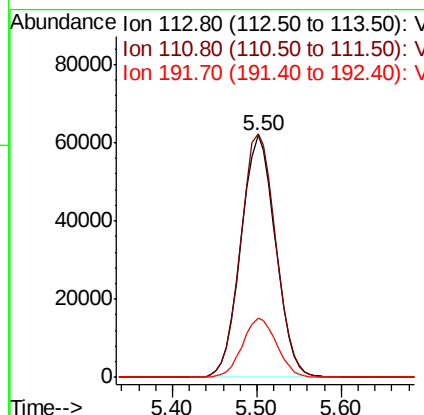
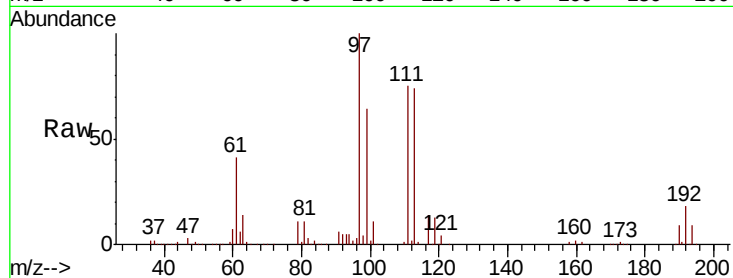
#35
Dibromofluoromethane
Concen: 48.97 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	172241		
111	102.1	82.4	123.6	
192	24.2	19.4	29.2	

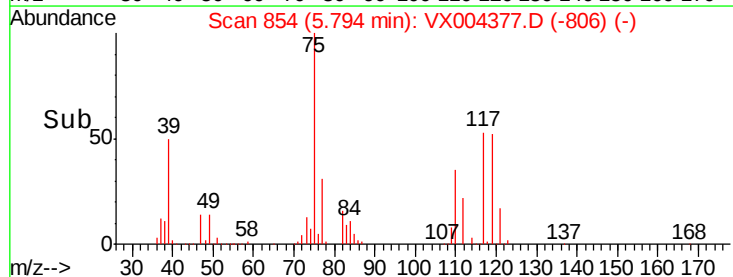
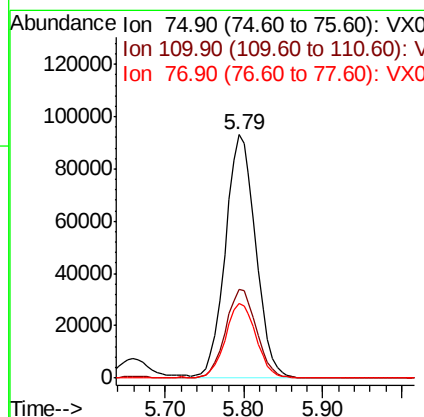
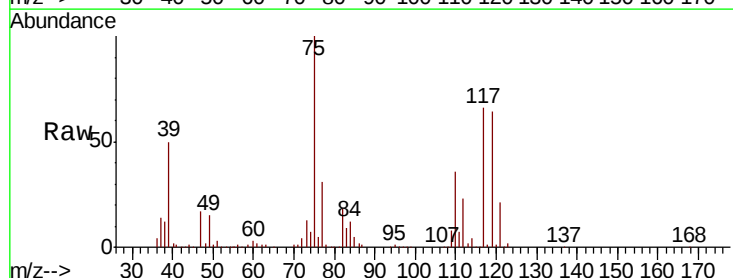
Manual Integrations
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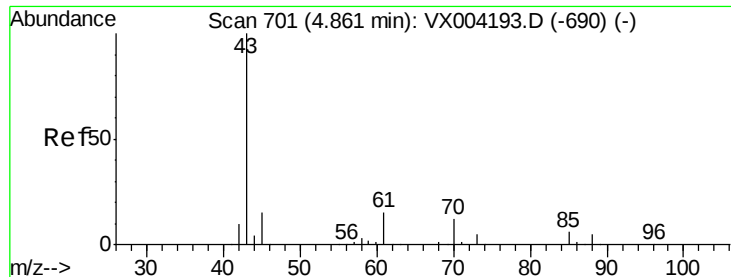
MMDadoda
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#36
1,1-Dichloropropene
Concen: 46.70 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.01 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	248237		
110	37.0	18.0	54.0	
77	31.0	24.6	36.8	





#37

Ethyl Acetate

Concen: 49.76 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

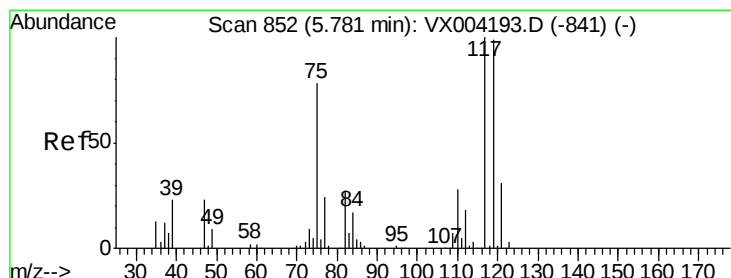
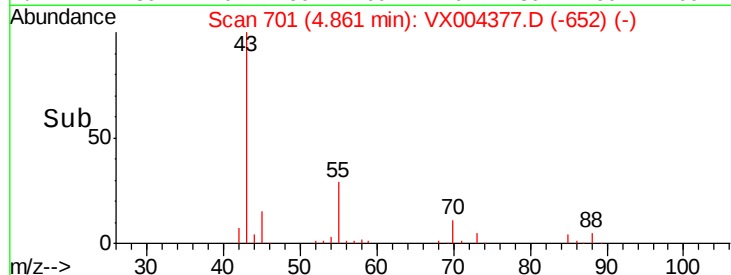
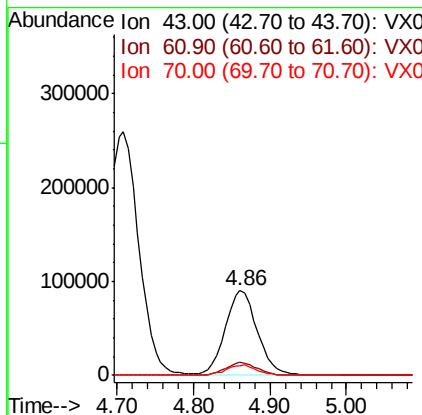
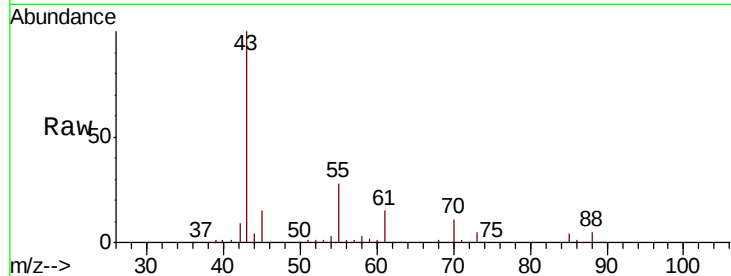
ClientSampled :

VSTDCCC050EC

Tot Ion:	43	Resp:	260105
Ion Ratio	Lower	Upper	
43	100		
61	14.6	11.5	17.3
70	11.7	9.0	13.6

Manual Integrations
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9/6/2018 12:48:54 PM



#38

Carbon Tetrachloride

Concen: 47.90 ug/l

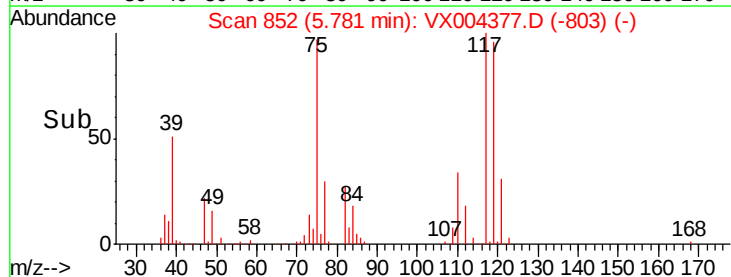
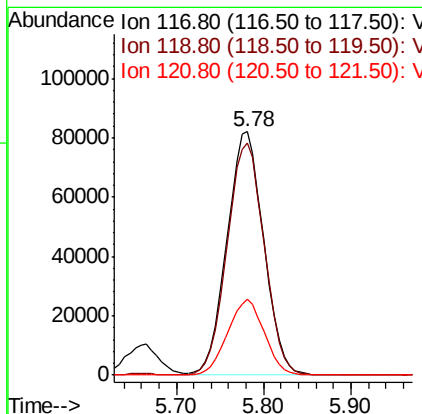
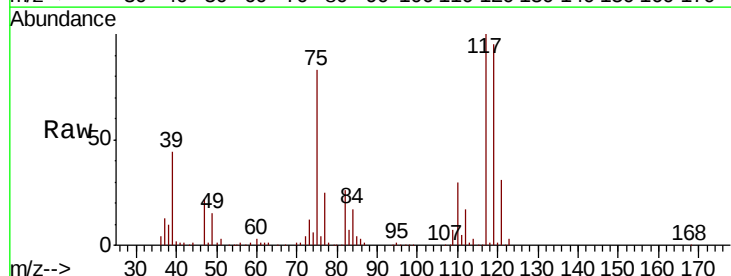
RT: 5.78 min Scan# 852

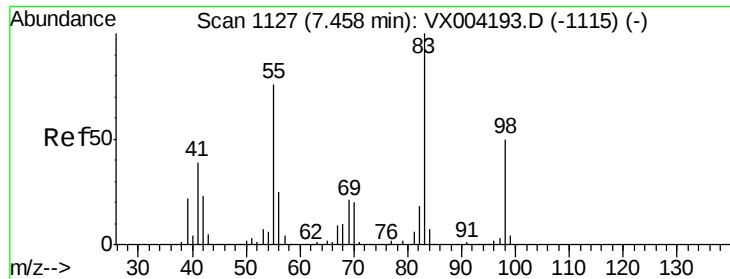
Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Tgt Ion:	117	Resp:	239534
Ion Ratio	Lower	Upper	
117	100		
119	95.4	78.8	118.2
121	31.4	24.9	37.3





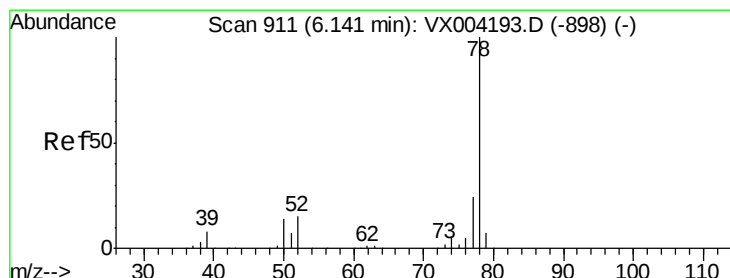
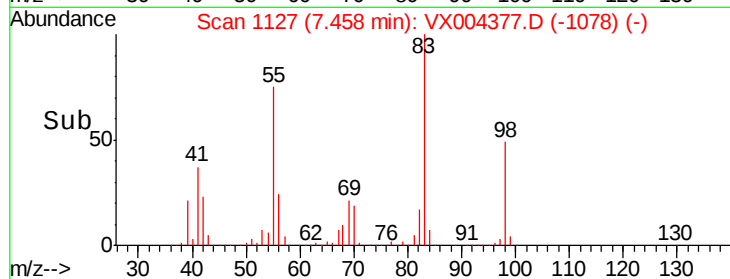
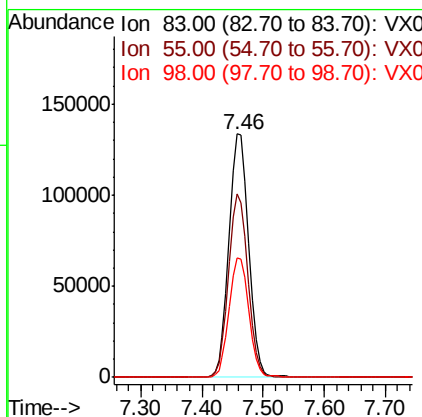
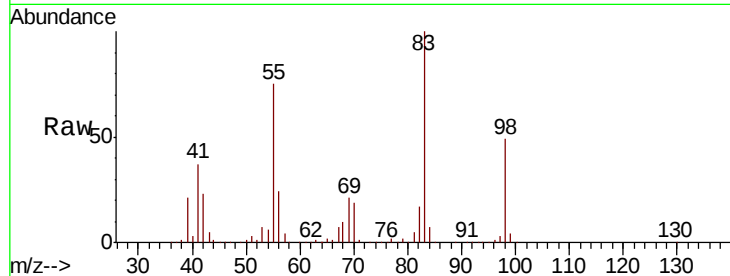
#39
Methvlcvclohexane
Concen: 48.61 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	295011		
55	75.1	61.0	91.4	
98	49.2	39.6	59.4	

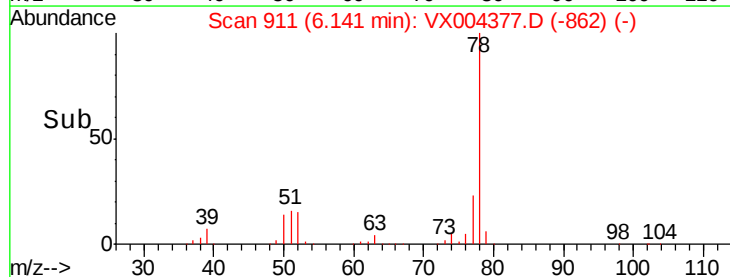
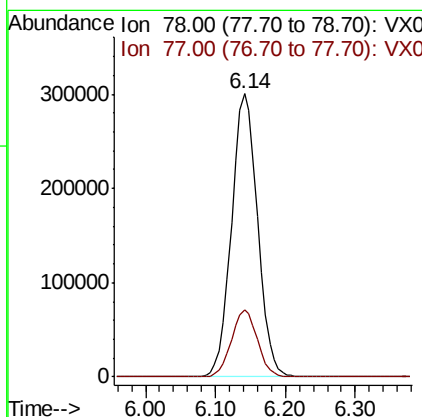
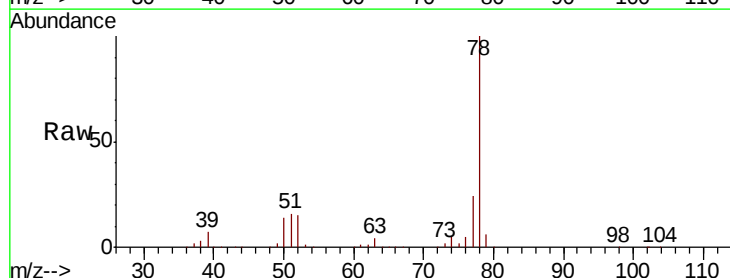
Manual Integrations
APPROVED

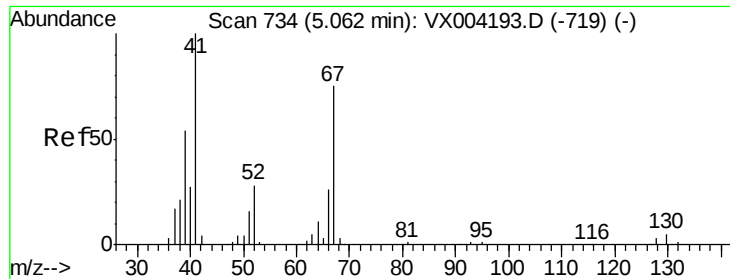
MMDadoda
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#40
Benzene
Concen: 48.99 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	778014		
77	23.6	19.0	28.4	





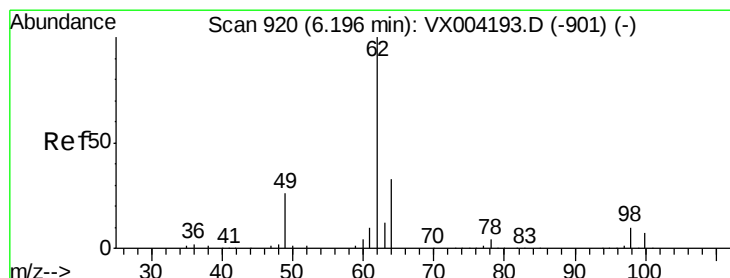
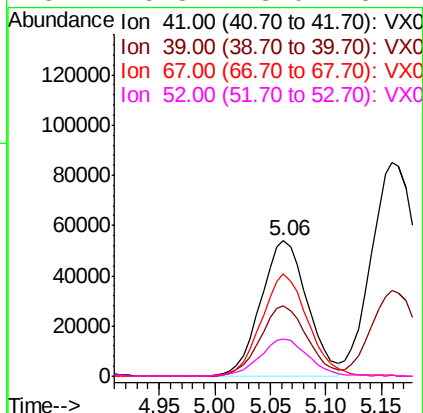
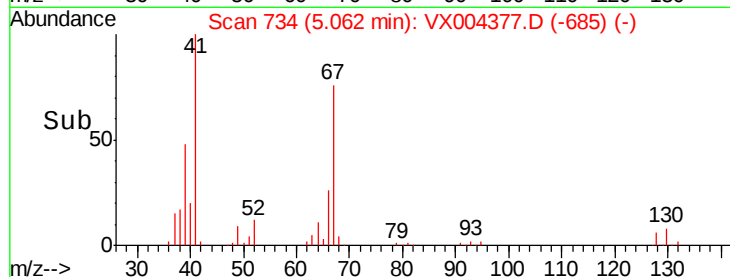
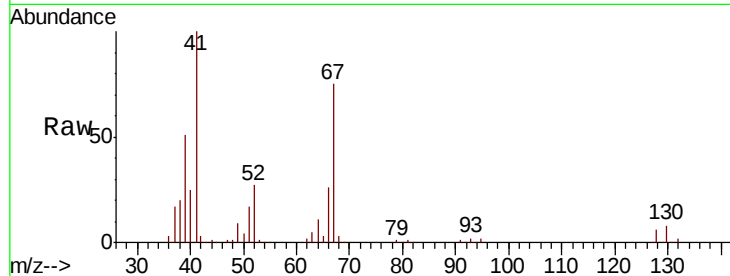
#41
Methacrylonitrile
Concen: 51.84 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	42.4	63.6	
67	75.5	59.2	88.8	
52	28.3	23.0	34.4	

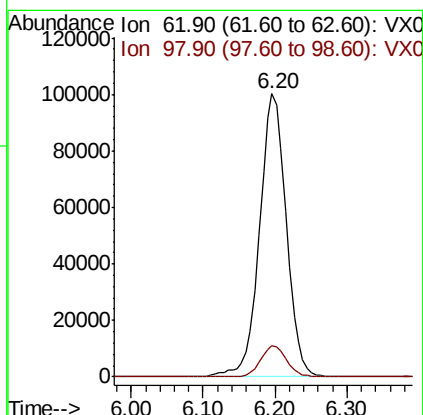
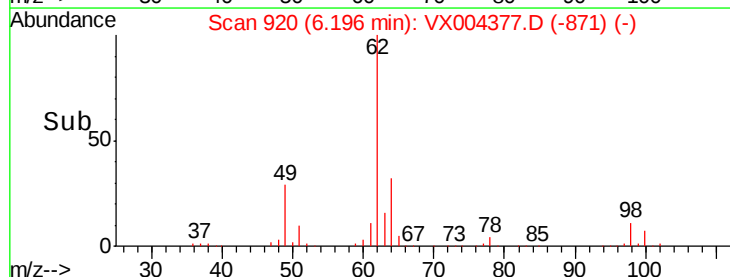
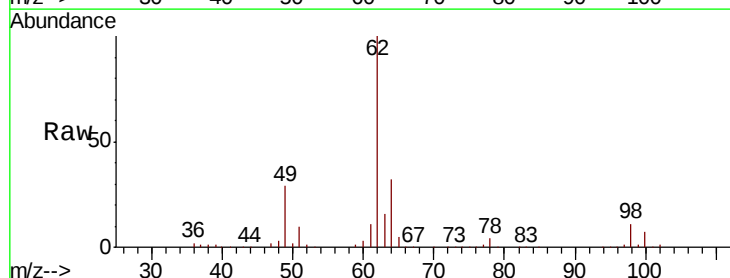
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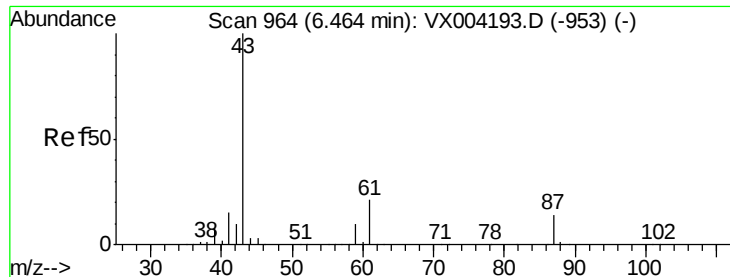
MMDadoda
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#42
1,2-Dichloroethane
Concen: 47.81 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	20.6	





#43

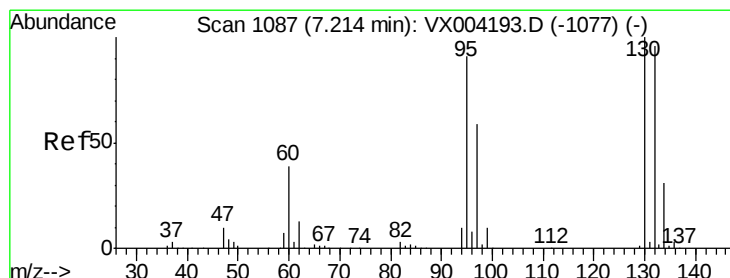
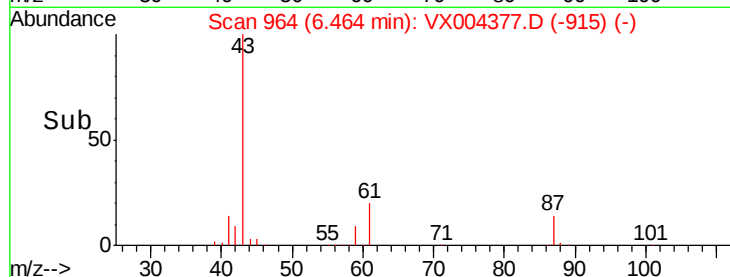
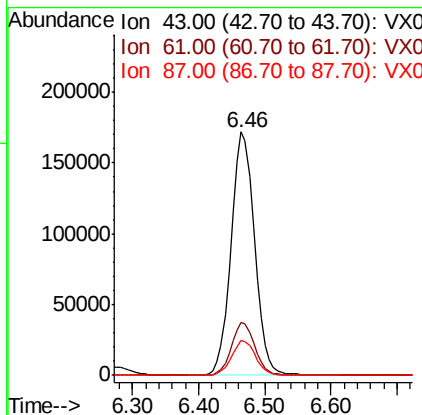
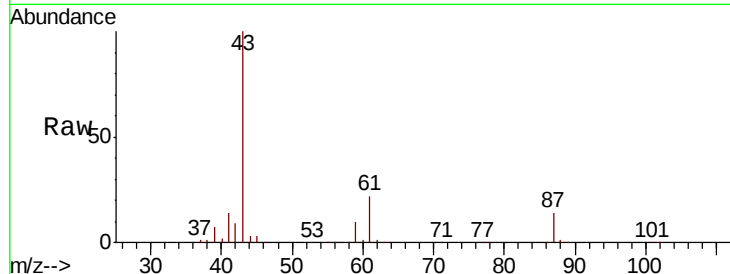
Isopropyl Acetate
 Concen: 52.66 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.0	25.4
87	14.4	11.4	17.2

Manual Integrations
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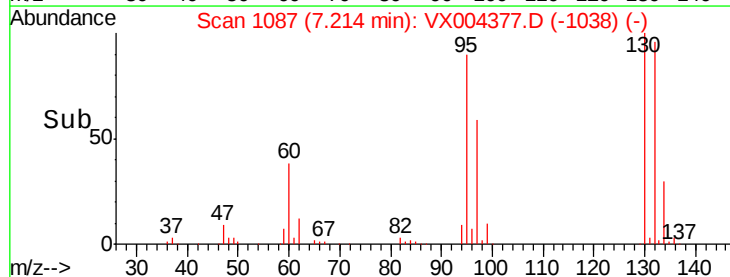
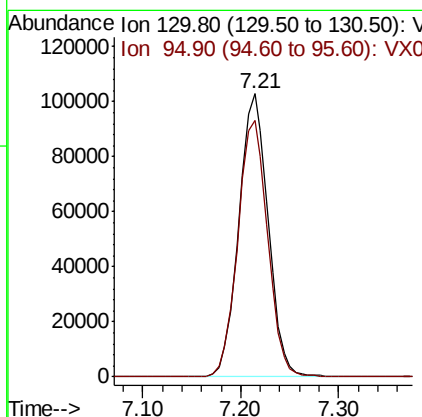
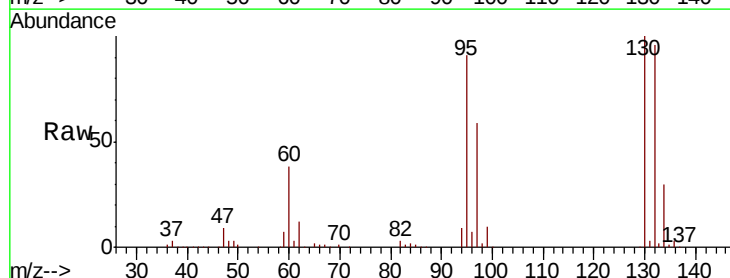
MMDadoda
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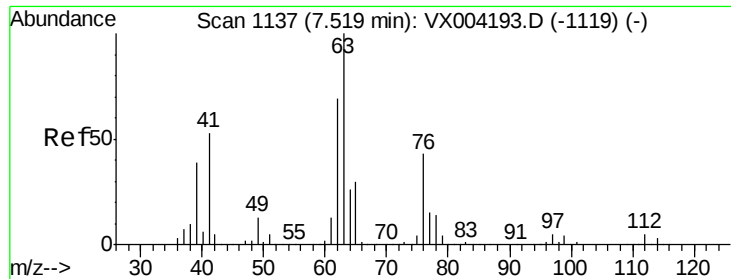


#44

Trichloroethene
 Concen: 48.75 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	181.6





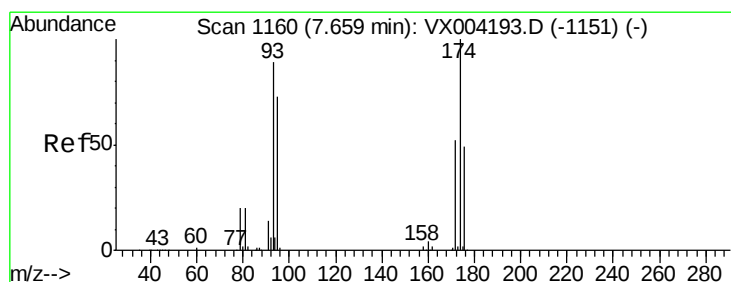
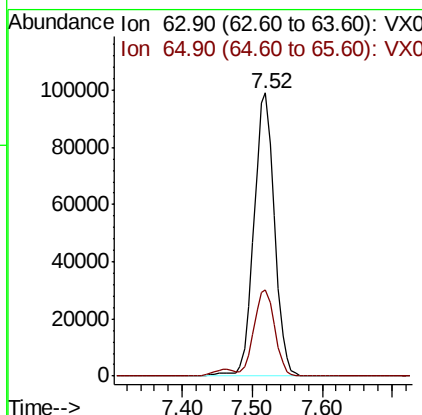
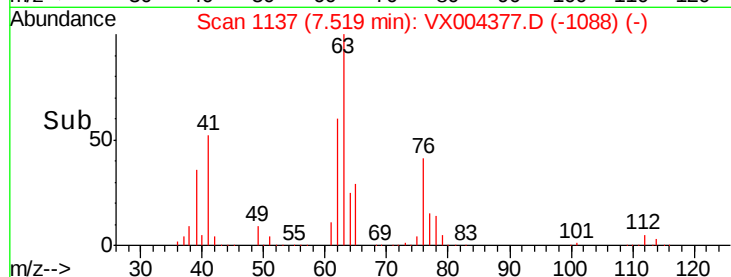
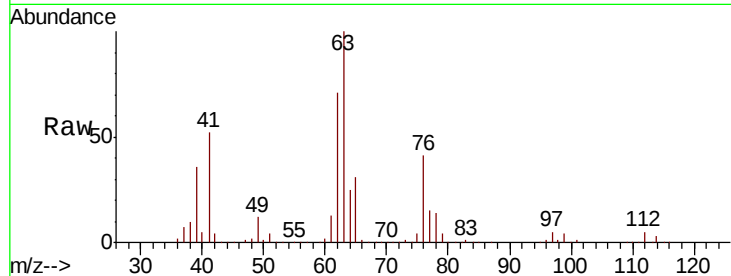
#45
 1,2-Dichloropropane
 Concen: 50.79 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.3	36.5

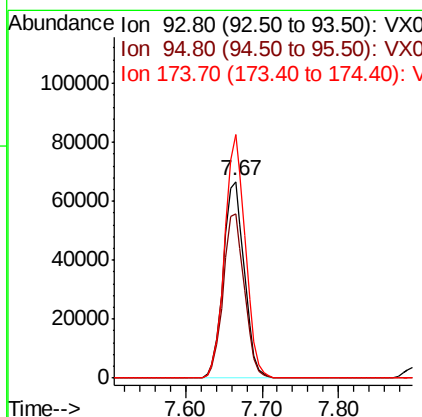
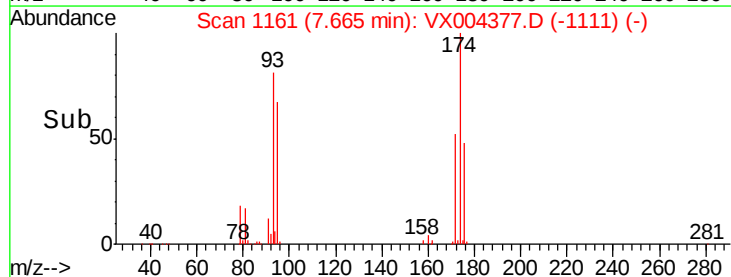
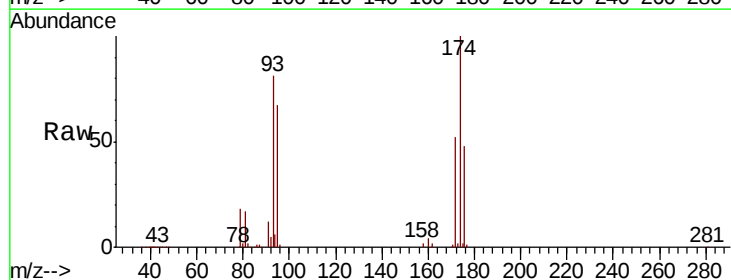
Manual Integrations
 APPROVED

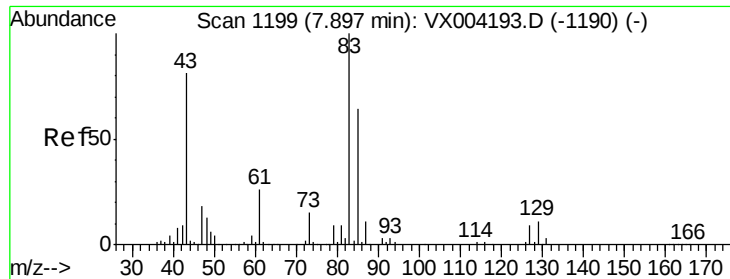
MMDadoda
 9/6/2018 12:48:54 PM



#46
 Dibromomethane
 Concen: 48.06 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	65.5	98.3
174	121.1	94.2	141.4





#47

Bromodichloromethane

Concen: 49.71 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

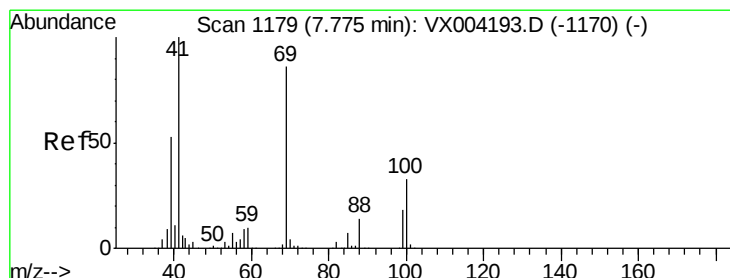
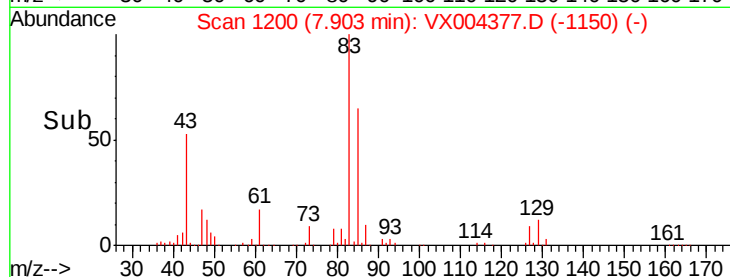
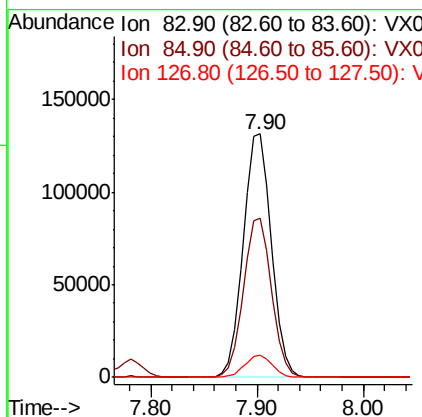
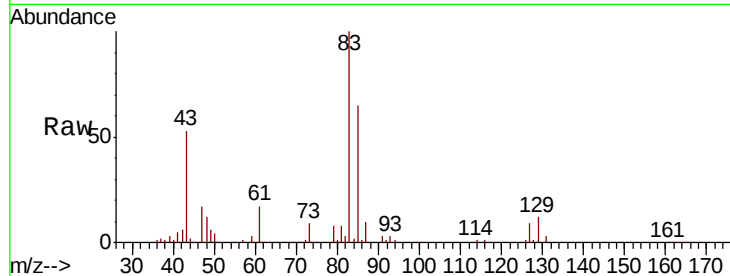
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	244814
Ion Ratio	Lower	Upper	
83	100		
85	65.1	50.9	76.3
127	9.1	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.35 ug/l

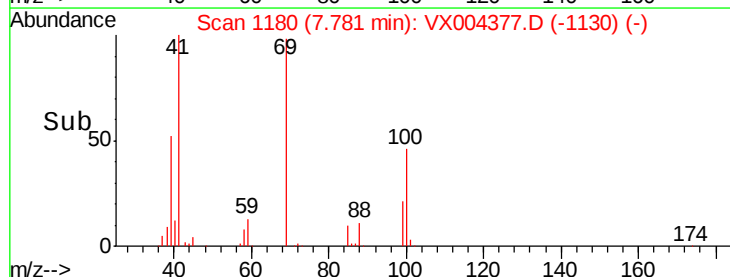
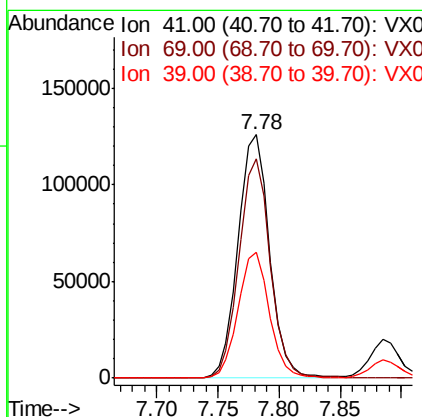
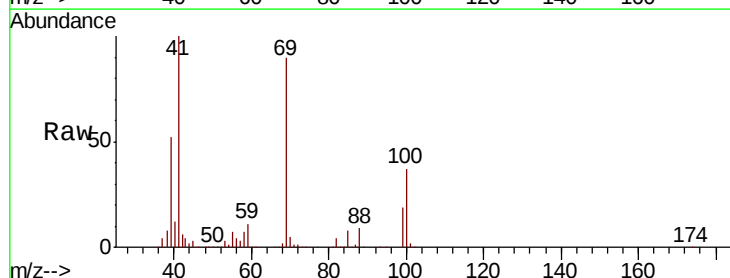
RT: 7.78 min Scan# 1180

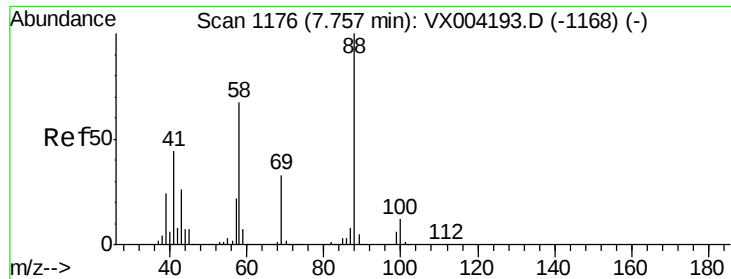
Delta R.T. 0.01 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Tgt Ion:	41	Resp:	225002
Ion Ratio	Lower	Upper	
41	100		
69	89.4	70.2	105.4
39	51.2	42.7	64.1





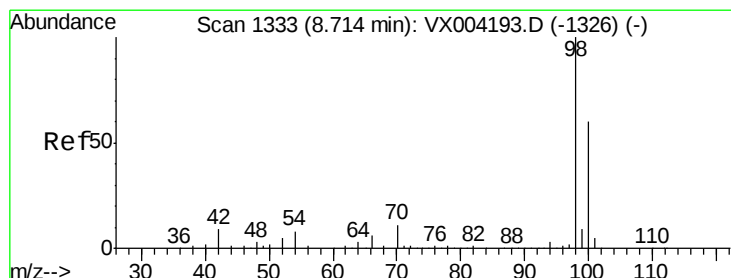
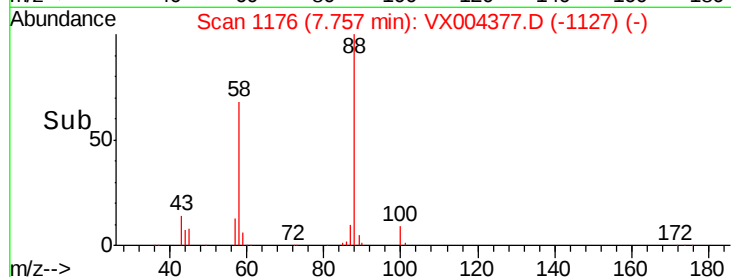
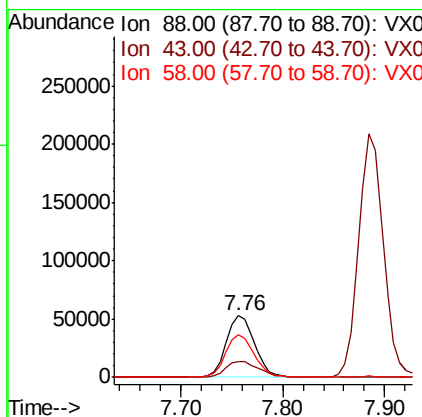
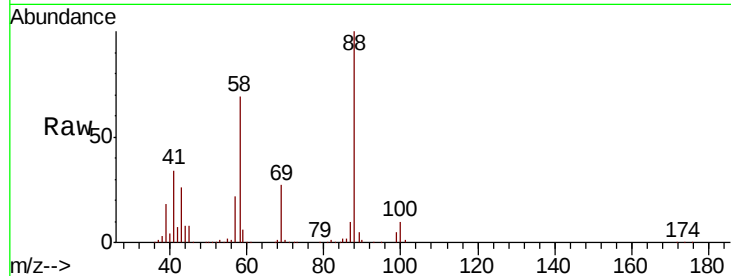
#49
 1,4-Dioxane
 Concen: 1042.07 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	24.7	37.1
58	69.9	55.3	82.9

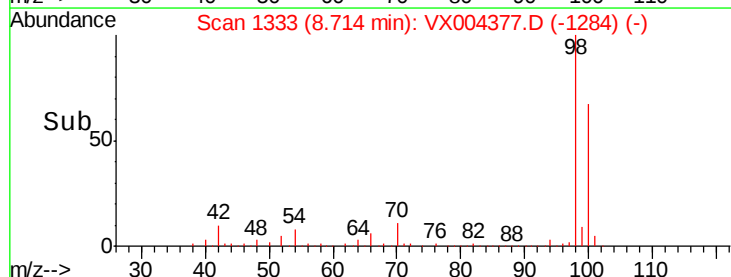
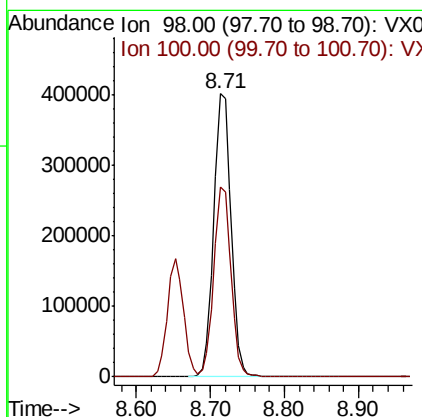
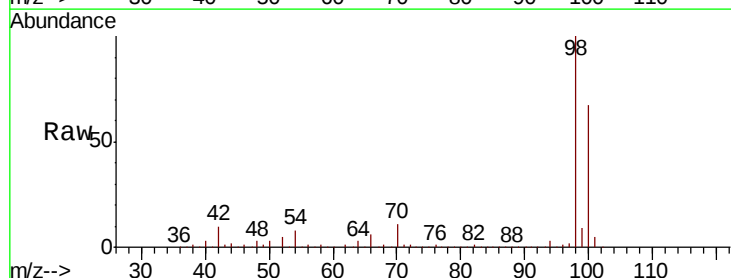
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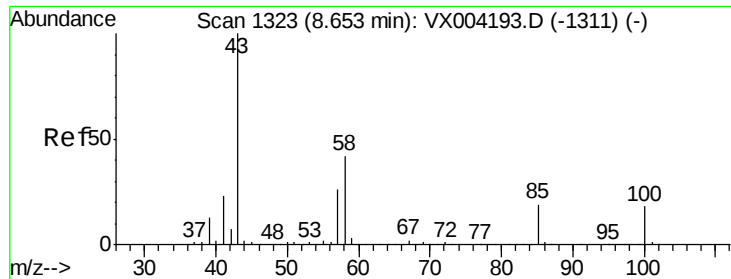
MMDadoda
 9/6/2018 12:48:54 PM



#50
 Toluene-d8
 Concen: 48.19 ug/l
 RT: 8.71 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 246.18 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1436810

Ion Ratio Lower Upper

43 100

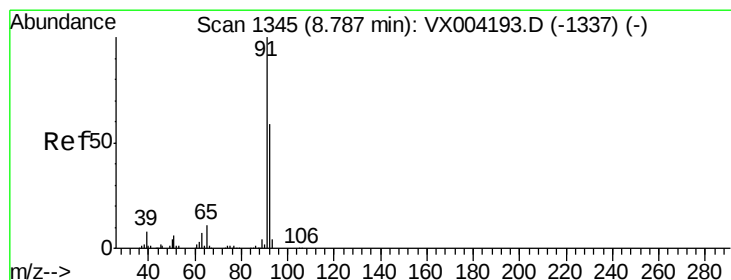
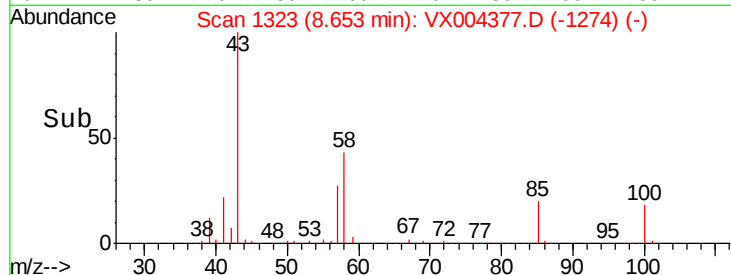
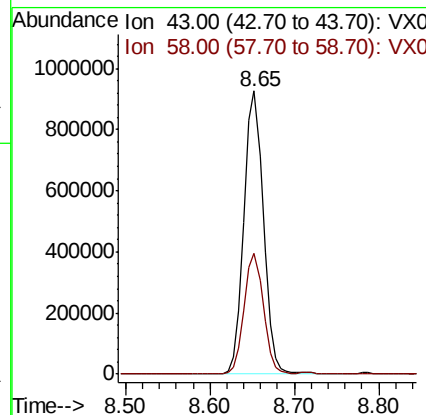
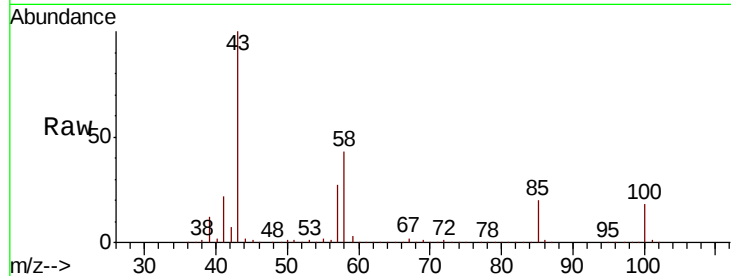
58 42.1 33.1 49.7

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#52

Toluene

Concen: 49.85 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004377.D

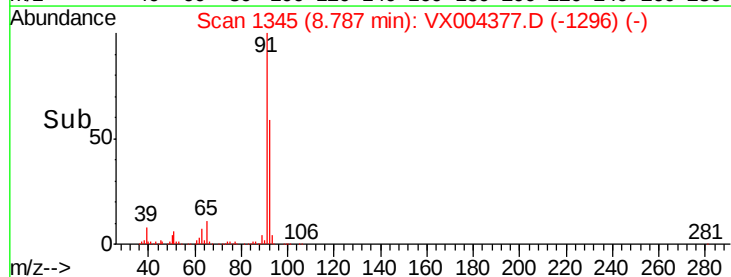
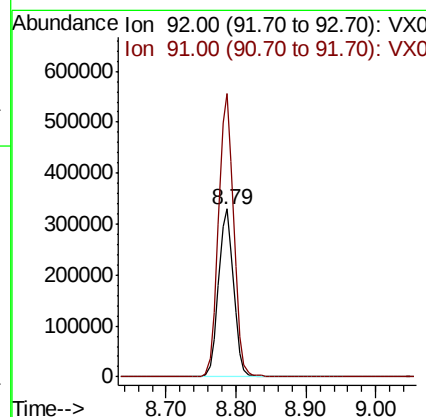
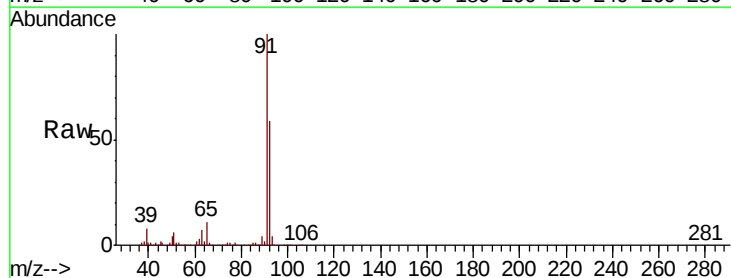
Acq: 05 Sep 2018 18:28

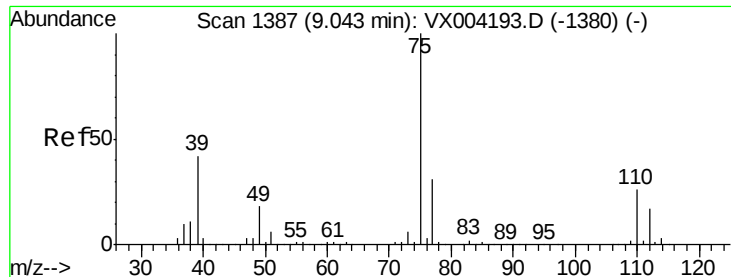
Tgt Ion: 92 Resp: 495599

Ion Ratio Lower Upper

92 100

91 169.6 136.4 204.6





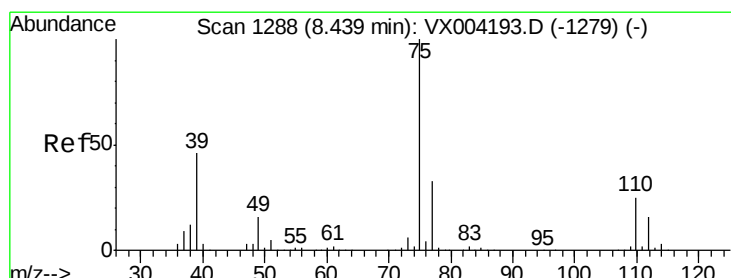
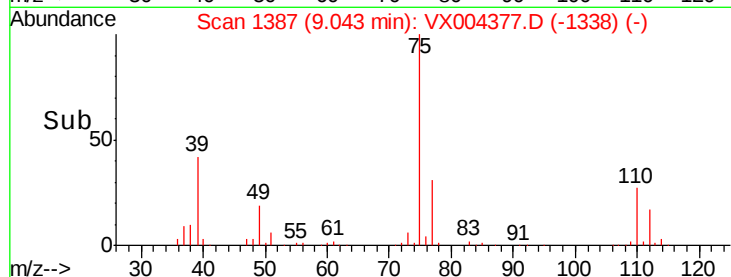
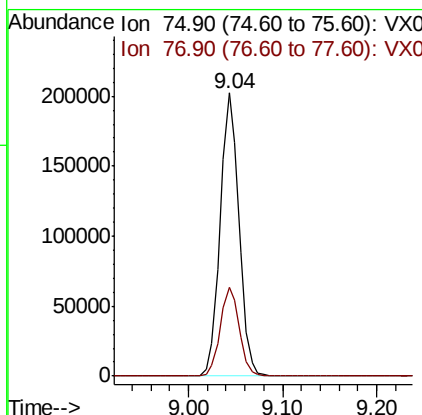
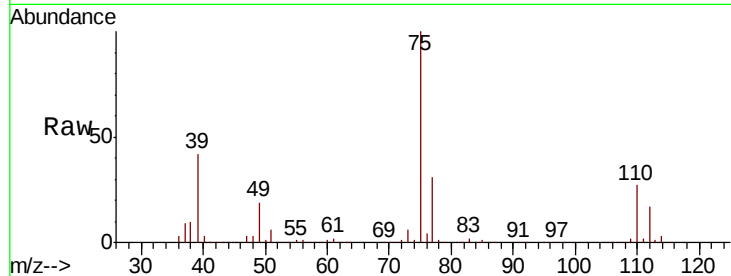
#53
 t-1,3-Dichloropropene
 Concen: 51.50 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 280145
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 37.0

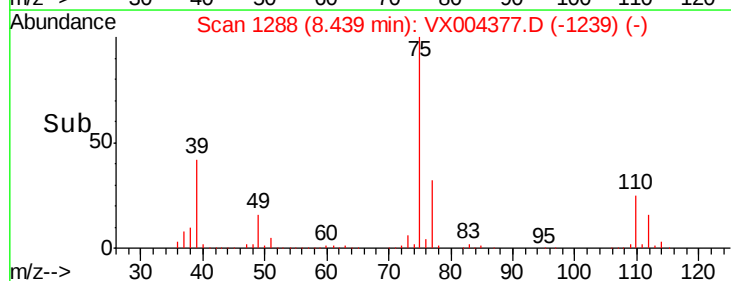
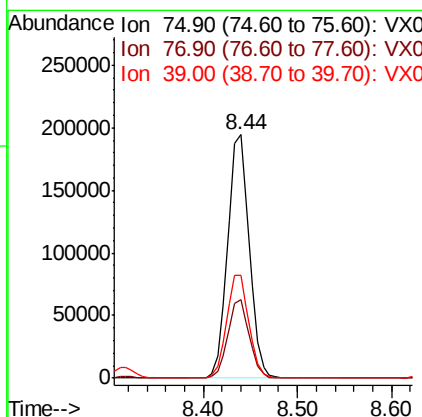
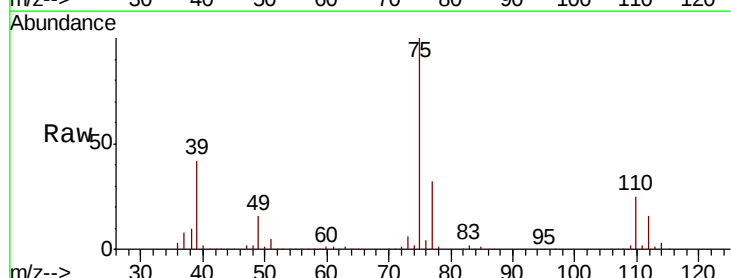
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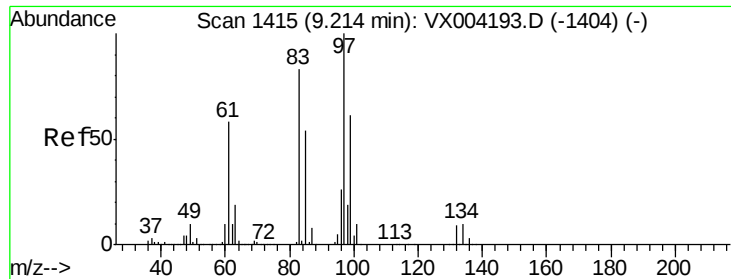
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 52.34 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Tgt Ion: 75 Resp: 310138
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.2 39.2
 39 41.9 36.4 54.6





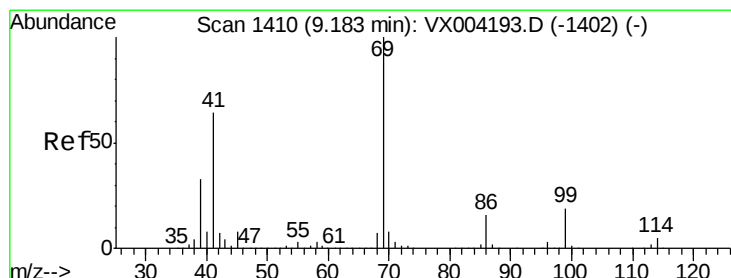
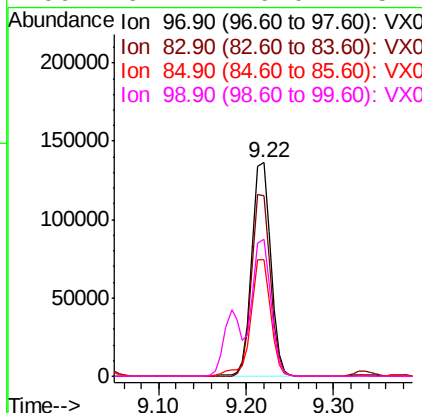
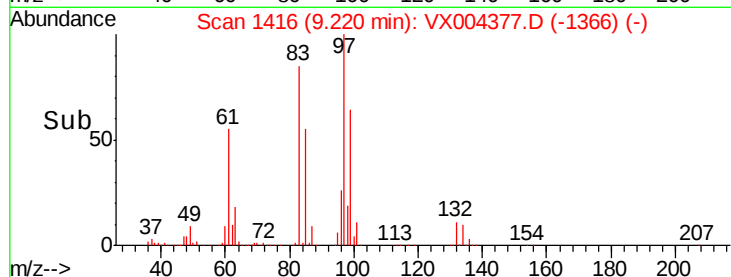
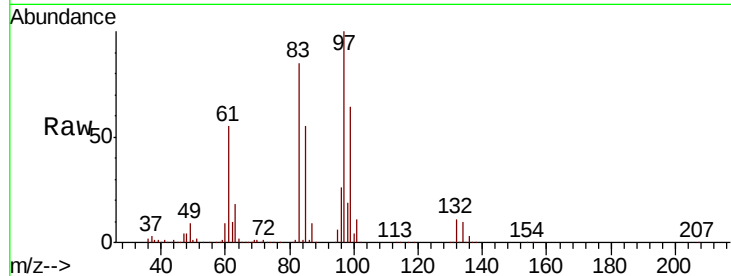
#55
 1,1,2-Trichloroethane
 Concen: 50.78 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		203793		
83	84.6	66.4	99.6		
85	54.8	43.3	64.9		
99	64.2	49.0	73.4		

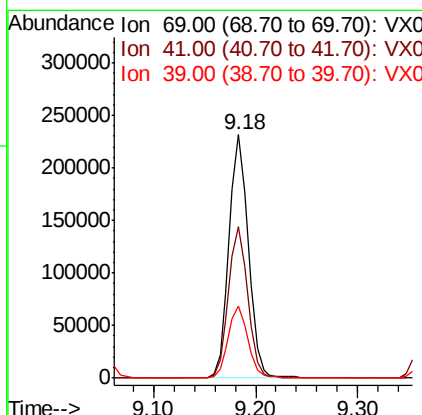
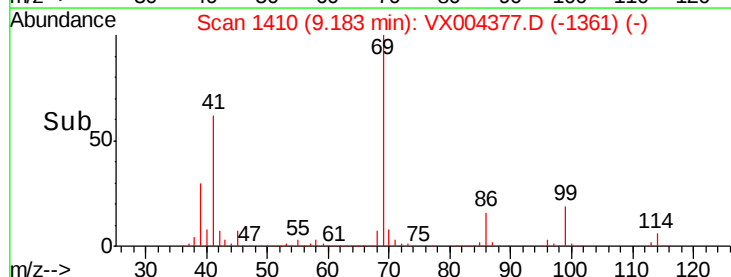
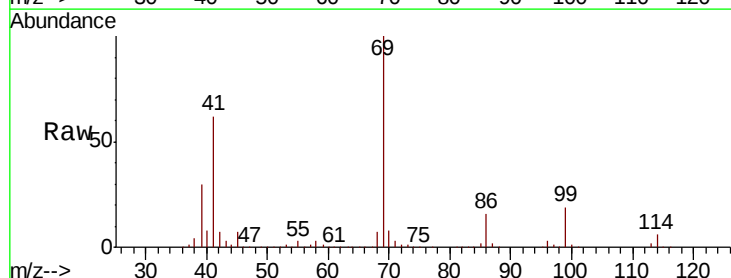
Manual Integrations
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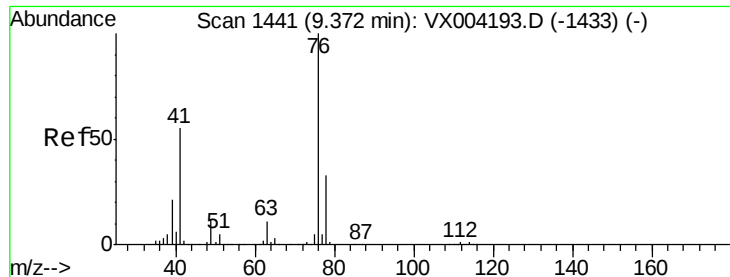
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#56
 Ethyl methacrylate
 Concen: 55.87 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		305247		
41	62.0	51.0	76.4		
39	30.2	26.1	39.1		





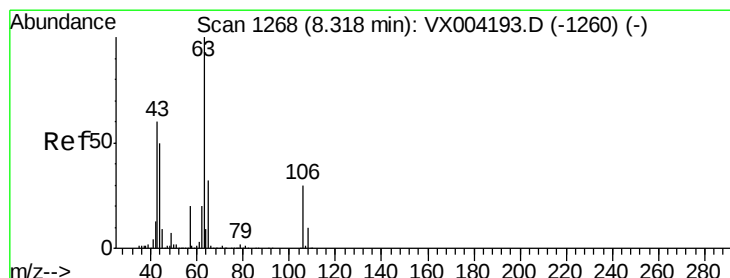
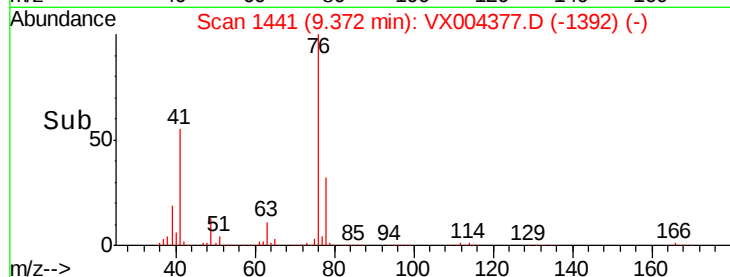
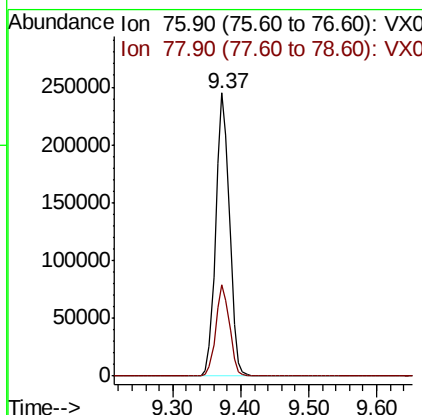
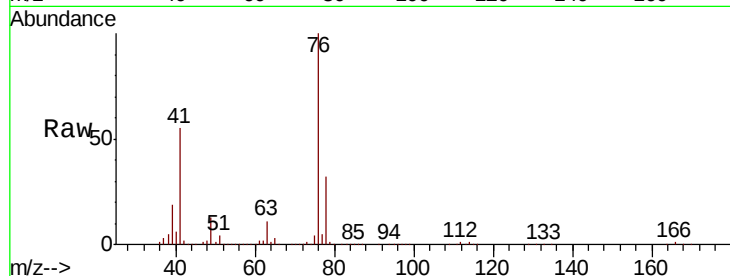
#57
 1,3-Dichloropropane
 Concen: 50.69 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.5	38.3

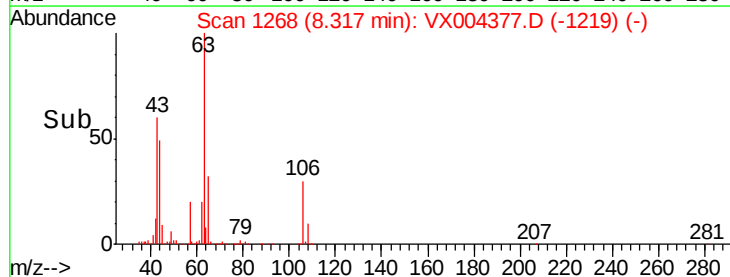
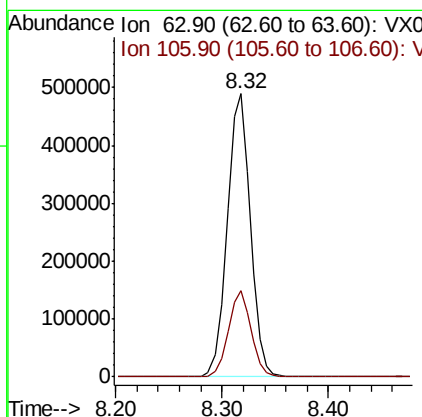
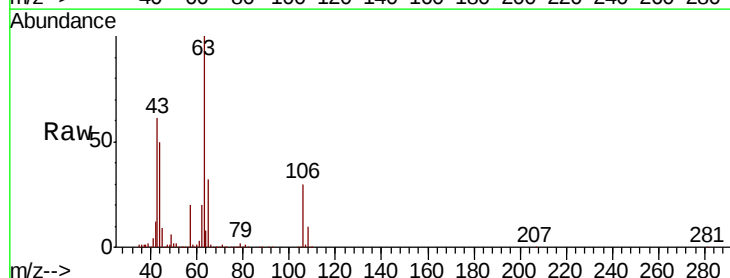
Manual Integrations
 APPROVED

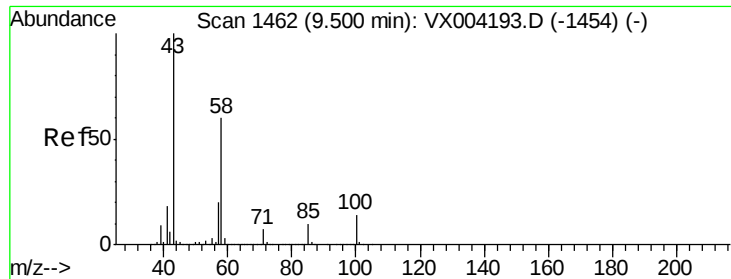
MMDadoda
 9/6/2018 12:48:54 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.29 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.9	35.9





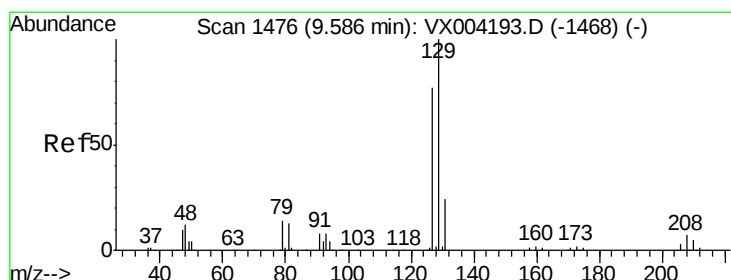
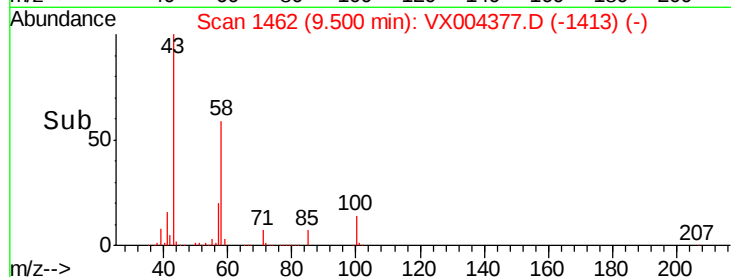
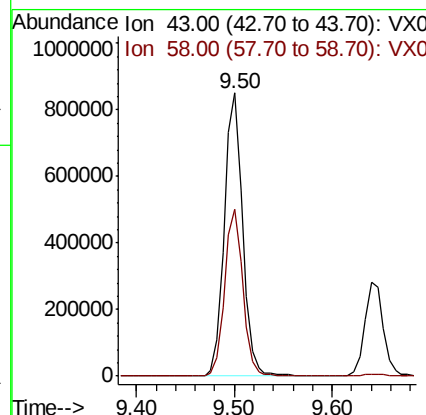
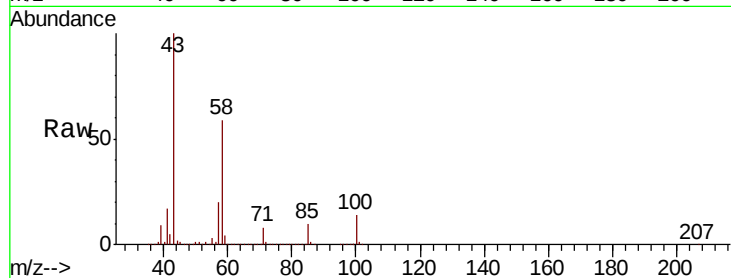
#59
2-Hexanone
Concen: 248.15 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1104934
Ion Ratio Lower Upper
43 100
58 58.9 29.0 87.0

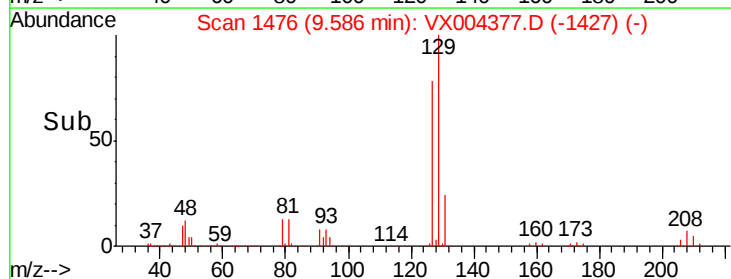
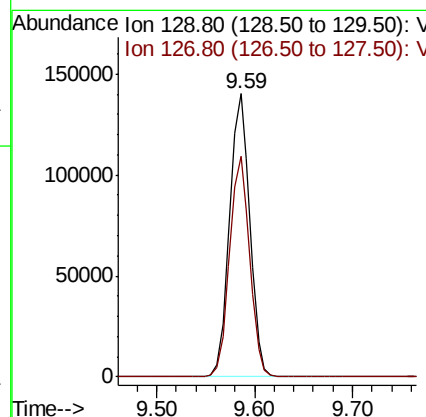
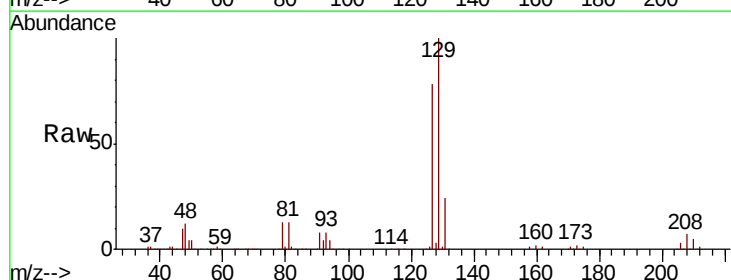
Manual Integrations
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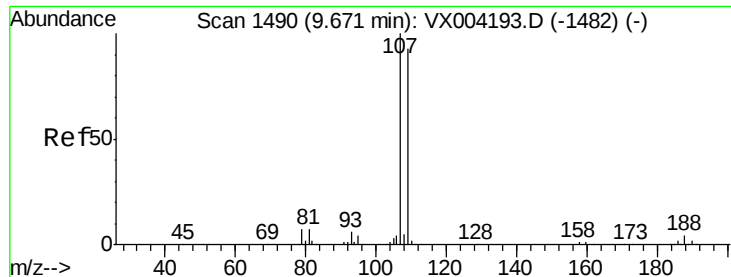
MMDadoda
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#60
Dibromochloromethane
Concen: 51.37 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Tgt Ion: 129 Resp: 200862
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.12 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 208152

Ion Ratio Lower Upper

107 100

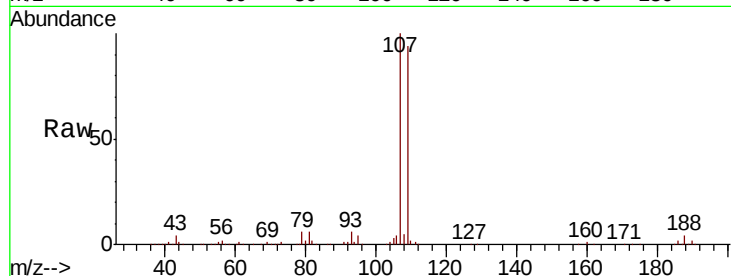
109 93.9 76.0 114.0

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

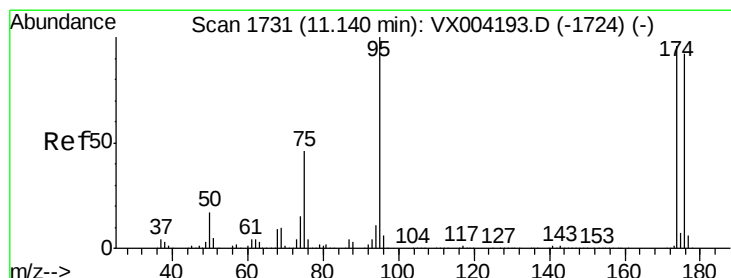
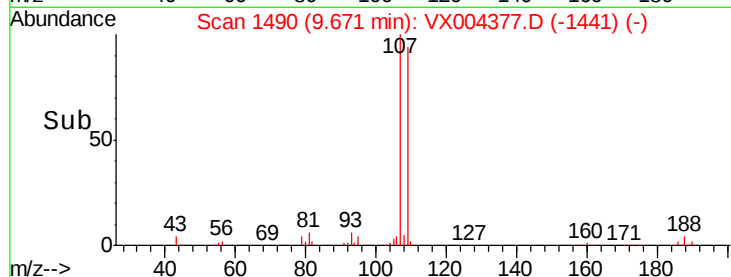
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 49.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

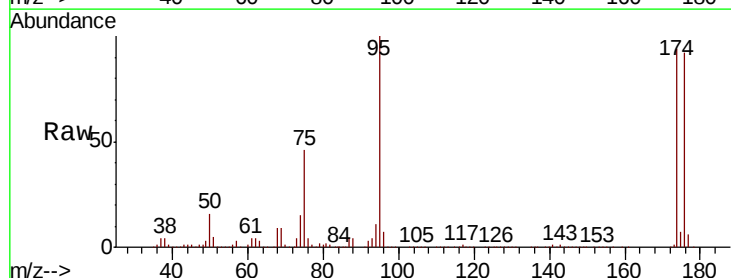
Tgt Ion: 95 Resp: 246943

Ion Ratio Lower Upper

95 100

174 91.7 0.0 185.2

176 89.3 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

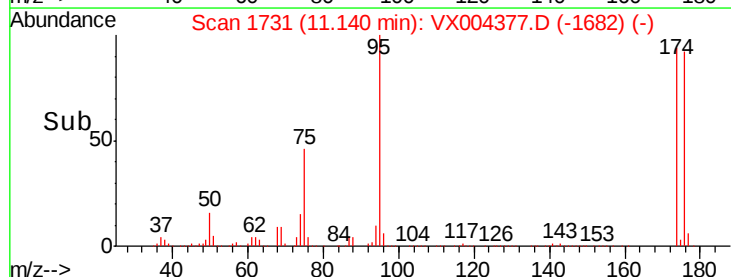
100000

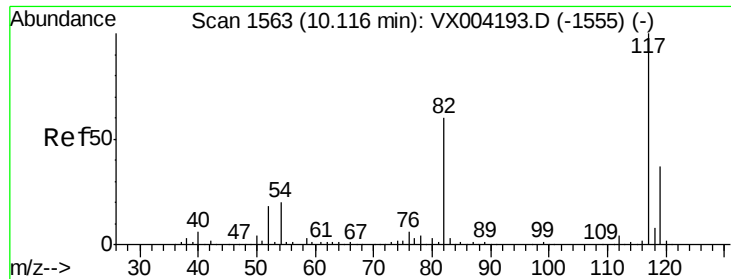
50000

0

11.10 11.20

Time-->





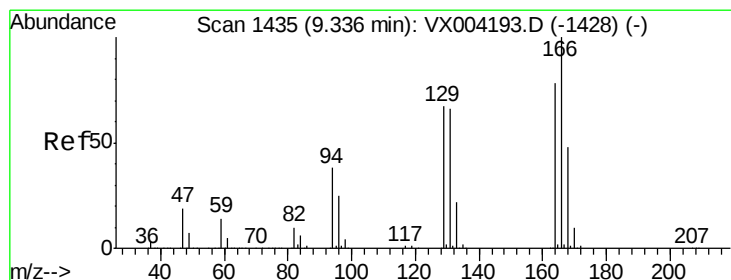
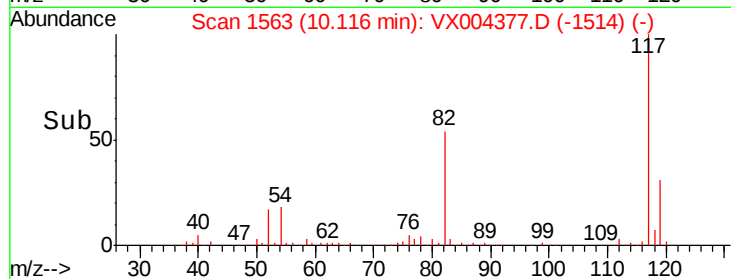
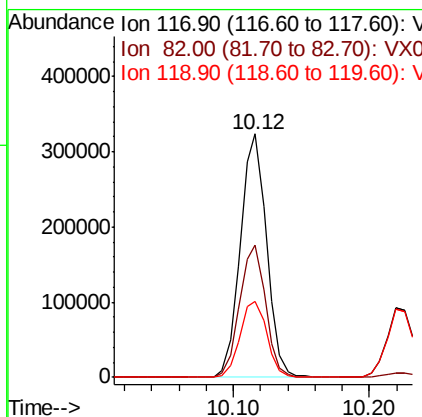
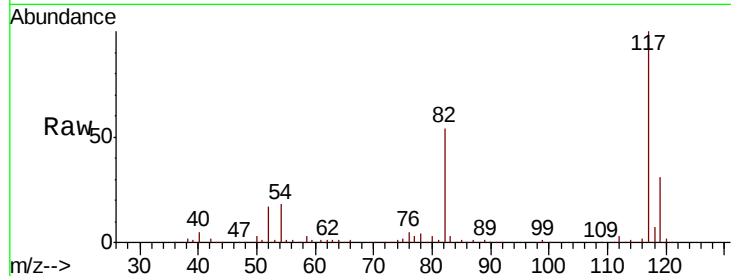
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	47.8	71.6
119	31.0	29.3	43.9

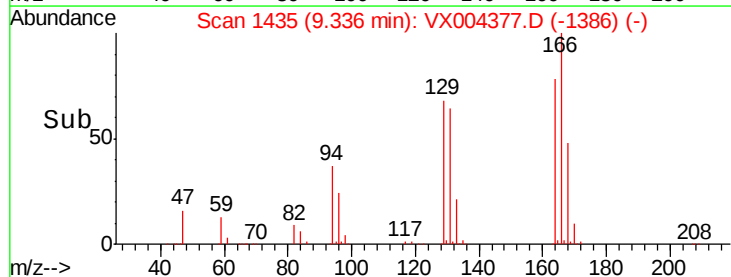
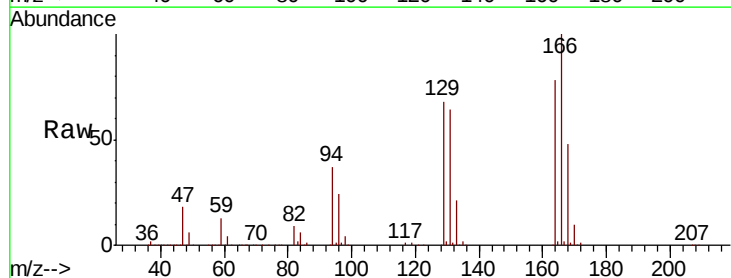
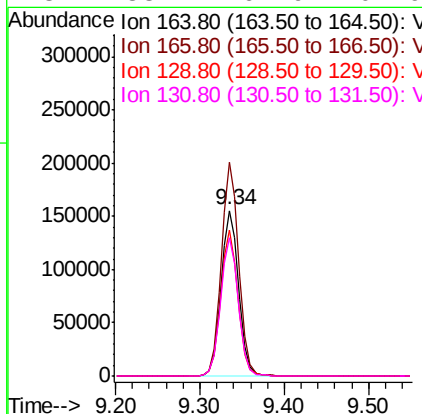
Manual Integrations
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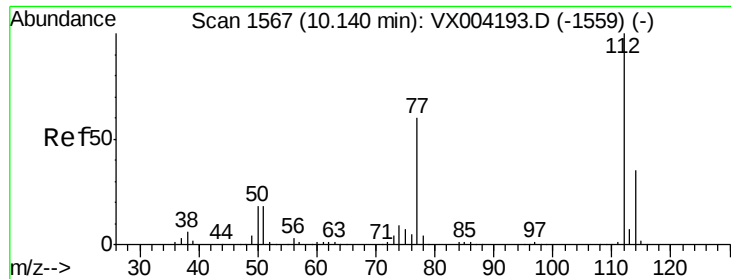
MMDadoda
9/6/2018 12:48:54 PM



#64
Tetrachloroethene
Concen: 52.21 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	102.8	154.2
129	87.7	69.4	104.0
131	83.1	67.9	101.9





#65

Chlorobenzene

Concen: 50.24 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 547450

Ion Ratio Lower Upper

112 100

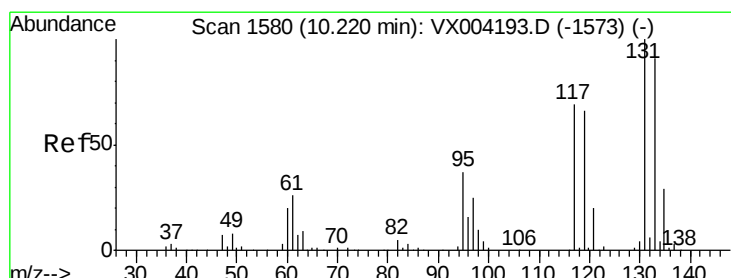
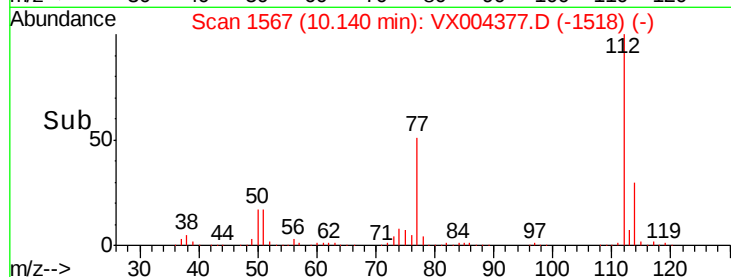
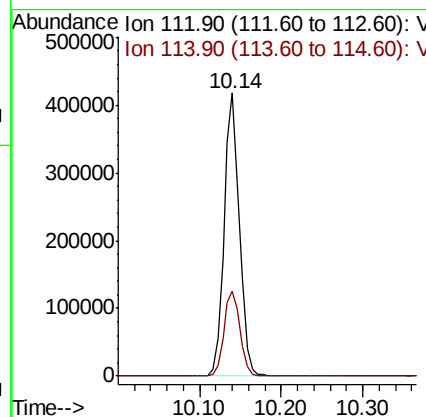
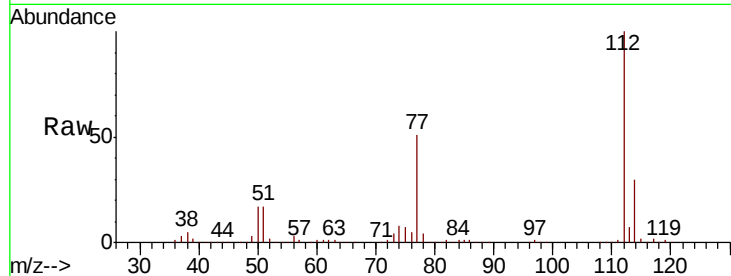
114 30.1 27.8 41.8

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 51.48 ug/l

RT: 10.22 min Scan# 1580

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

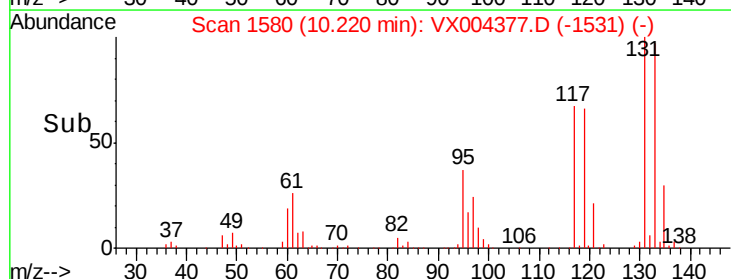
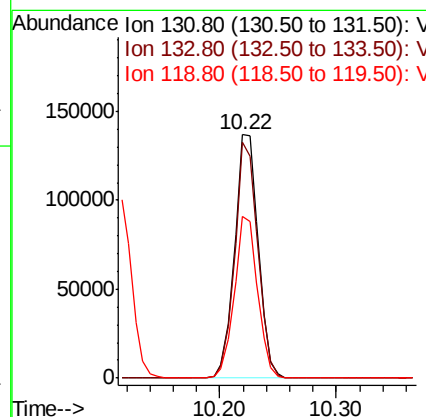
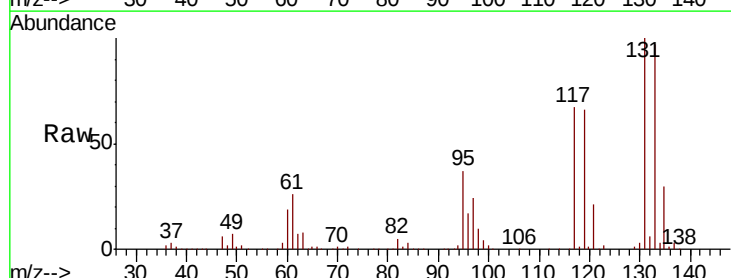
Tgt Ion:131 Resp: 193463

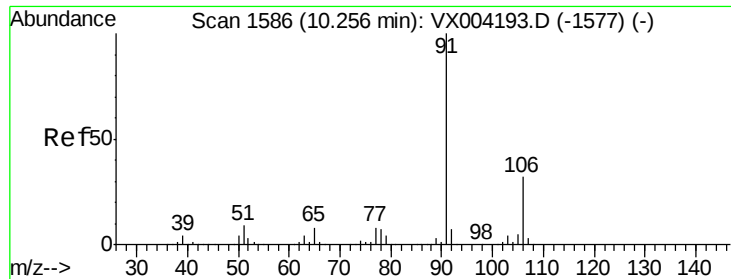
Ion Ratio Lower Upper

131 100

133 94.3 48.1 144.4

119 65.1 32.9 98.6





#67

Ethyl Benzene

Concen: 51.04 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 903220

Ion Ratio Lower Upper

91 100

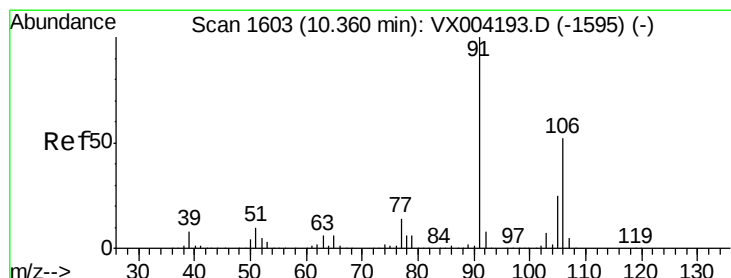
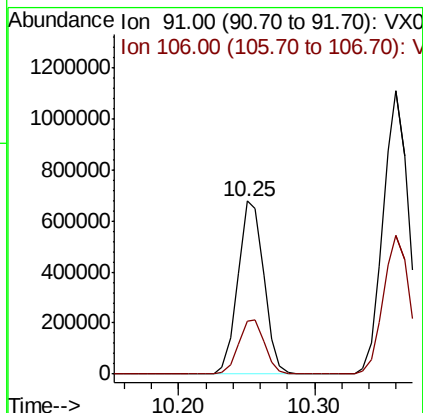
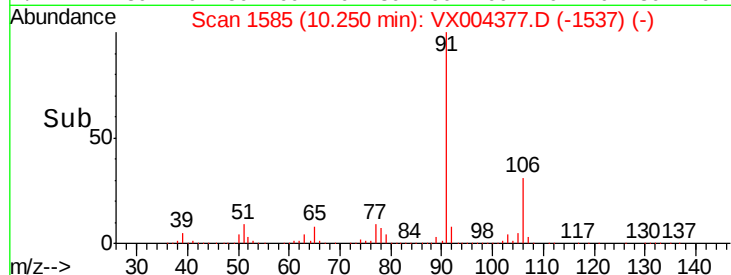
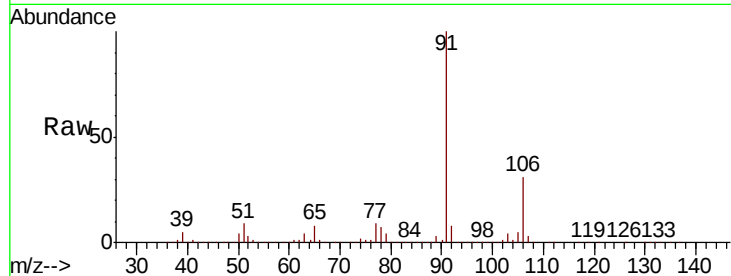
106 30.5 25.9 38.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 105.58 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004377.D

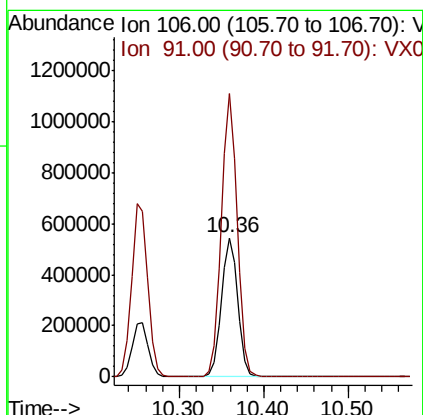
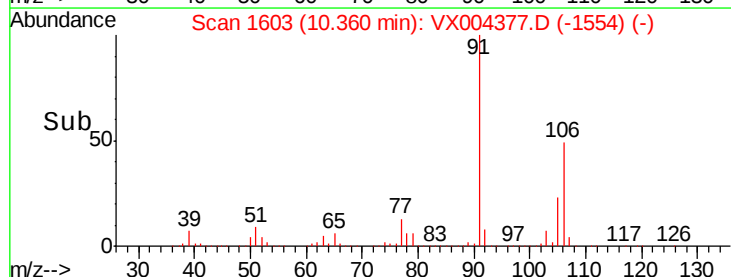
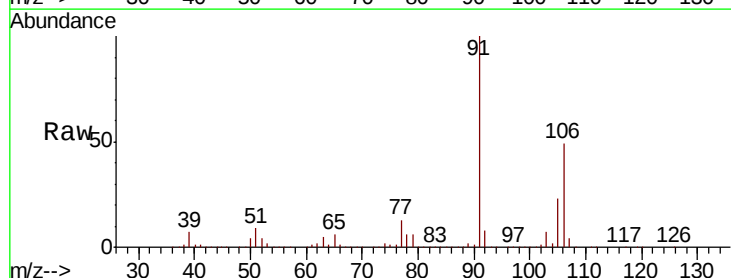
Acq: 05 Sep 2018 18:28

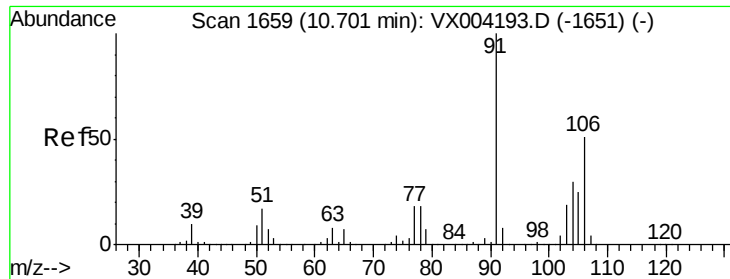
Tgt Ion: 106 Resp: 730562

Ion Ratio Lower Upper

106 100

91 198.7 157.1 235.7





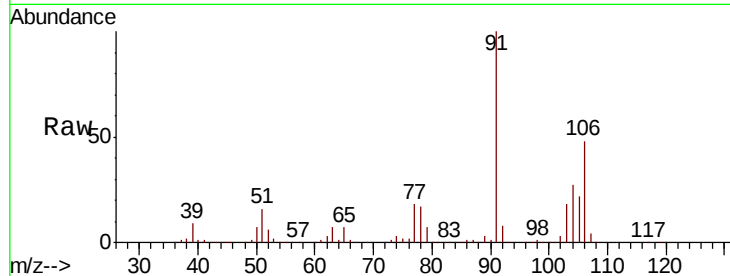
#69
o-Xylene
Concen: 54.63 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

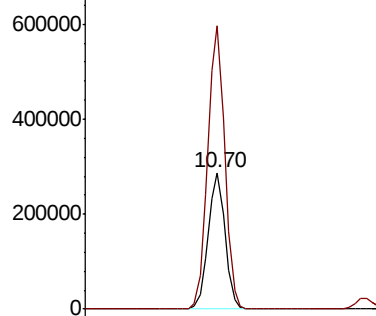
Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	209.2	105.1	315.1		

Manual Integrations
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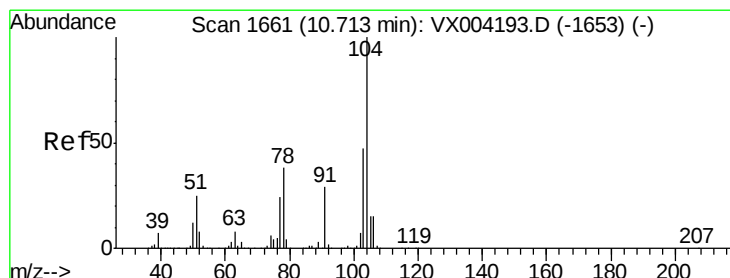
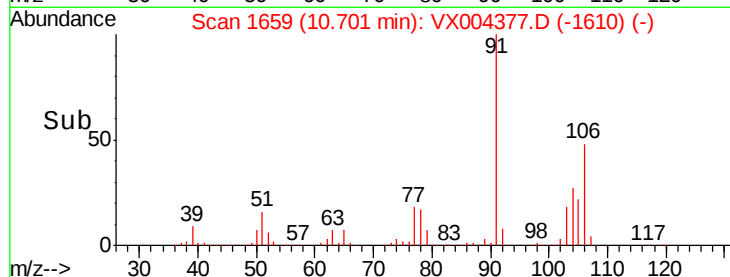
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

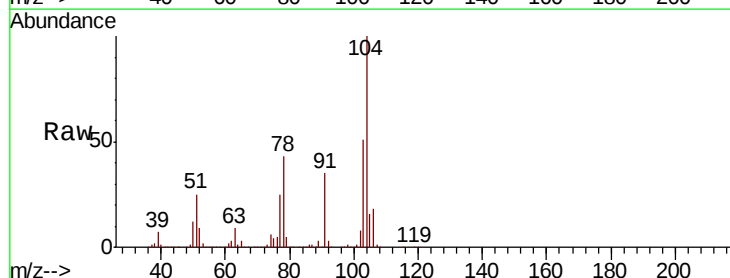


Time-->

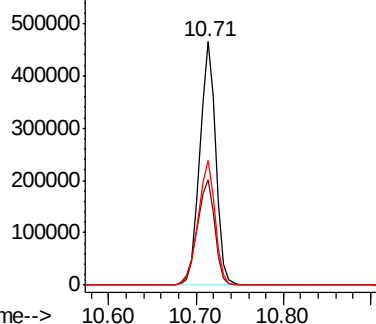


#70
Styrene
Concen: 55.51 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

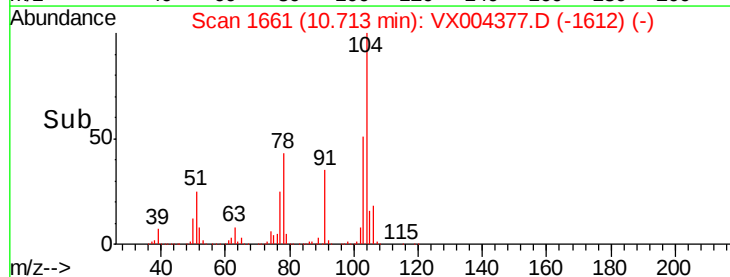
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	47.8	37.4	56.0		
103	54.8	43.8	65.6		

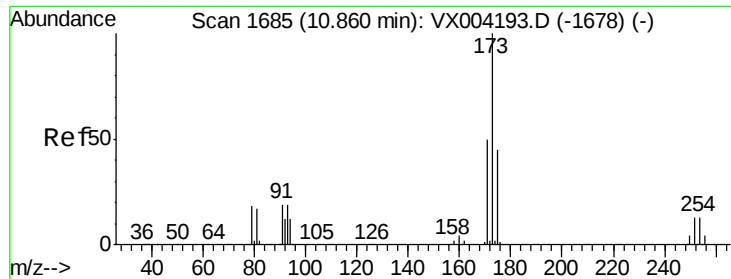


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 51.07 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 154703

Ion Ratio Lower Upper

173 100

175 49.3 24.1 72.3

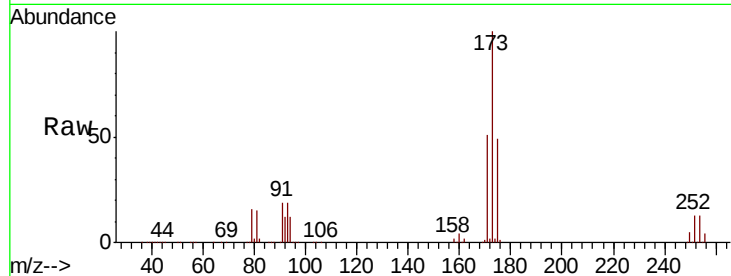
254 0.2 0.2 0.2

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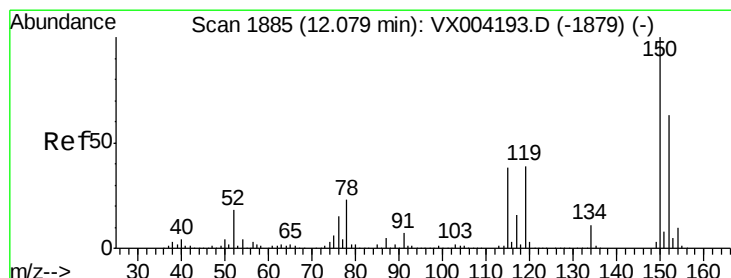
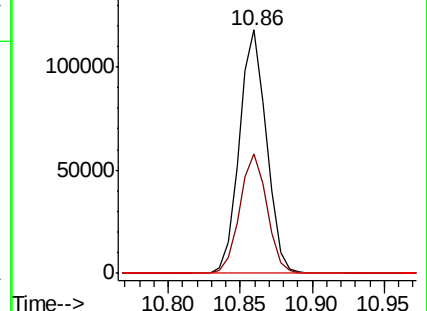
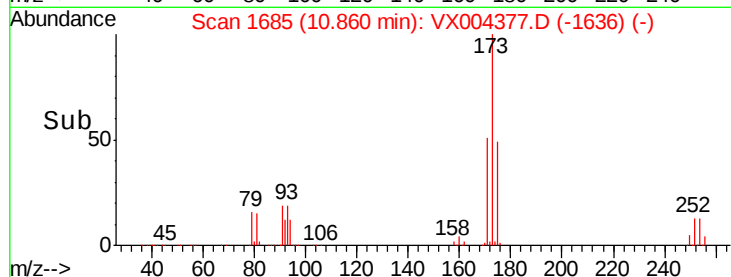
9/6/2018 12:48:54 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

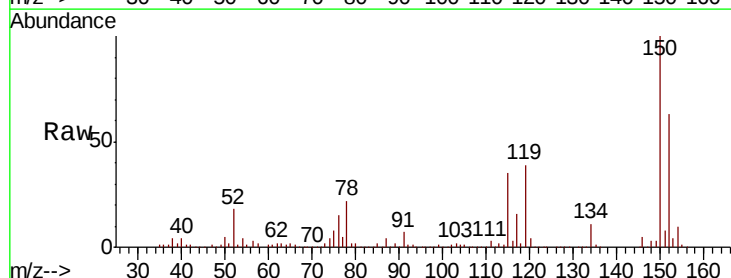
Tgt Ion:152 Resp: 269324

Ion Ratio Lower Upper

152 100

115 76.0 39.0 117.0

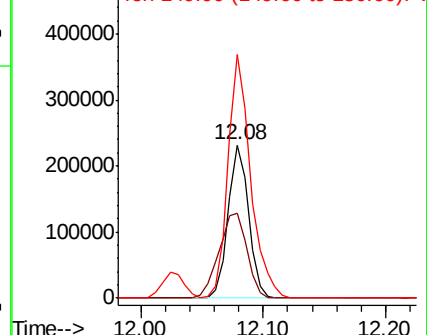
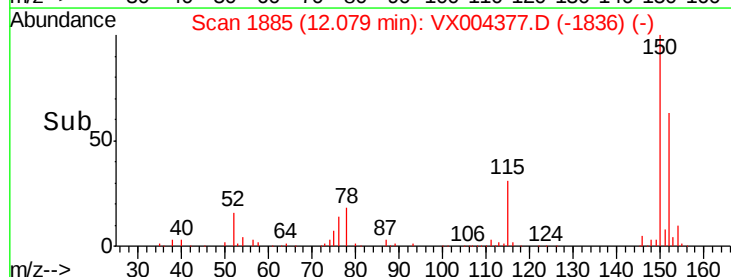
150 175.1 0.0 351.0

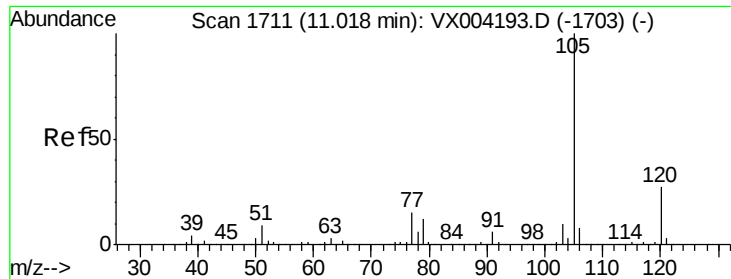


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.55 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 964932

Ion Ratio Lower Upper

105 100

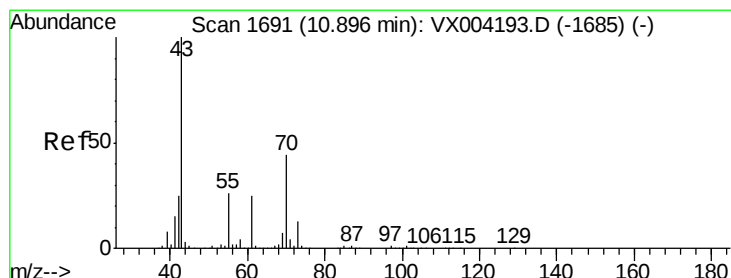
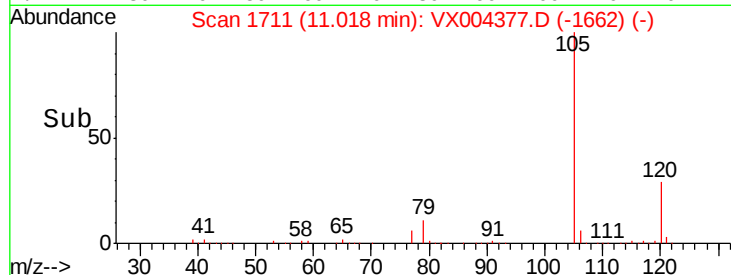
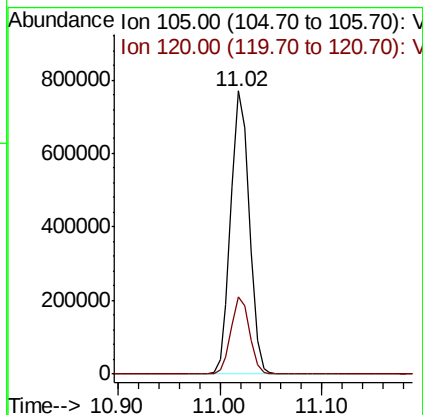
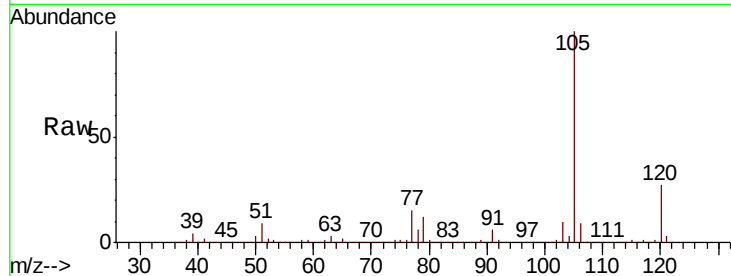
120 27.1 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 54.48 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Tgt Ion: 43 Resp: 371024

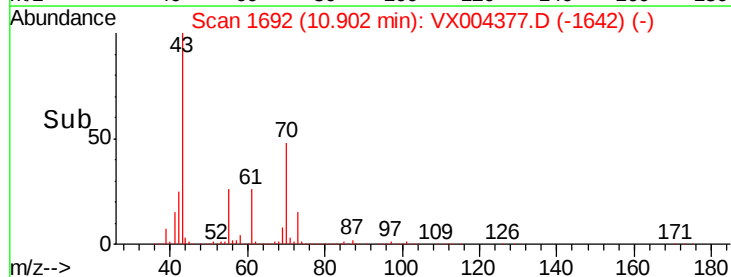
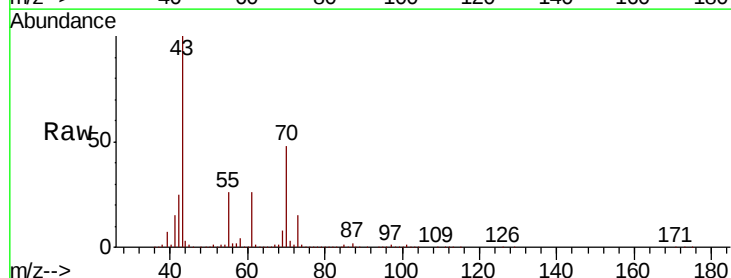
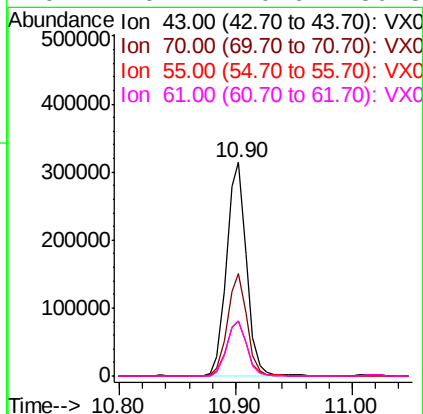
Ion Ratio Lower Upper

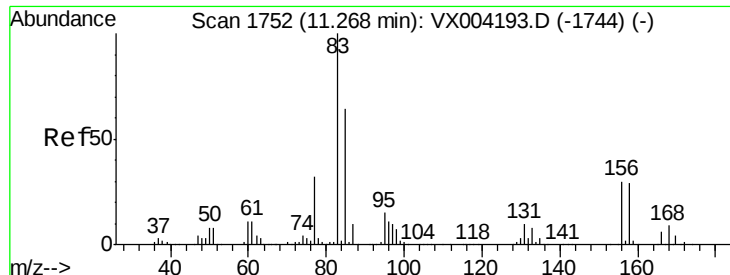
43 100

70 47.2 37.4 56.0

55 26.7 21.8 32.8

61 26.1 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.80 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

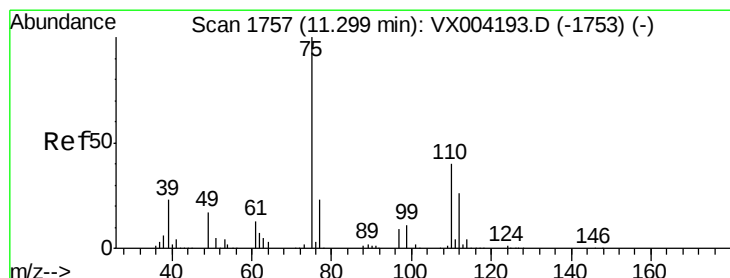
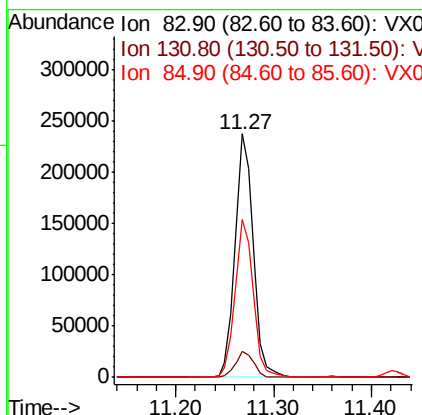
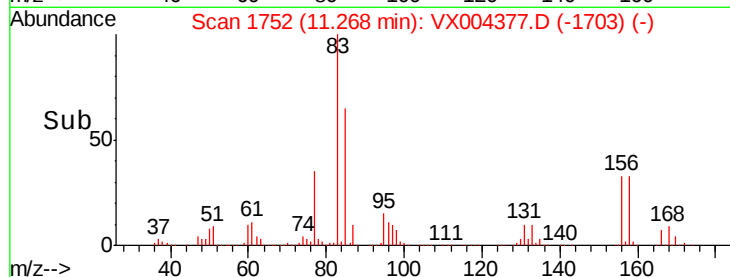
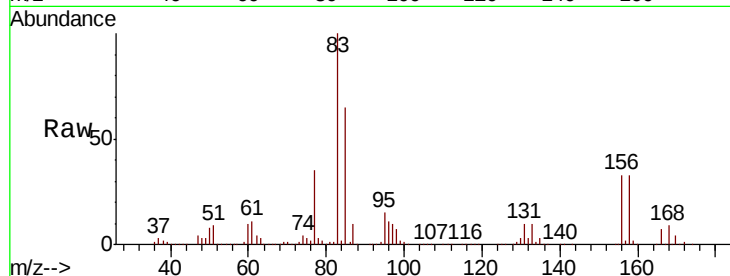
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	308266
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.2	15.6
85	64.5	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.67 ug/l m

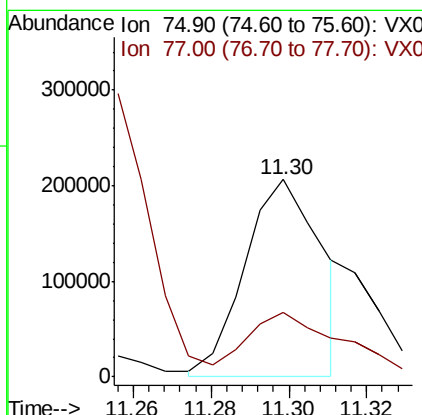
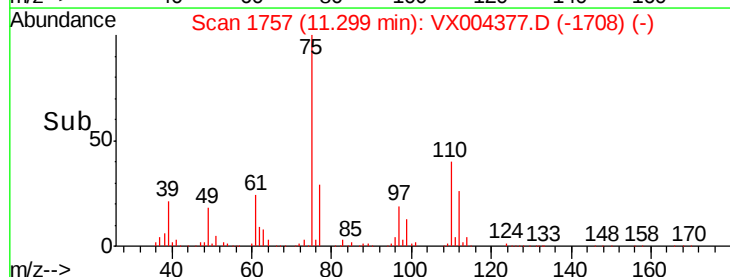
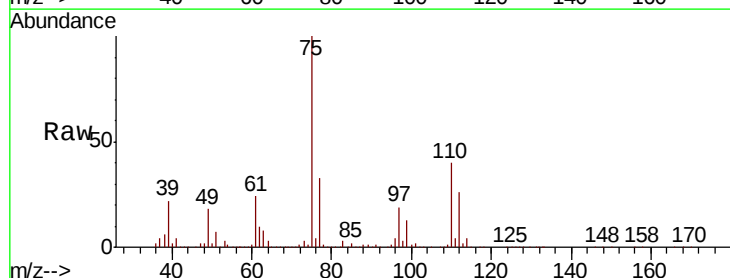
RT: 11.30 min Scan# 1757

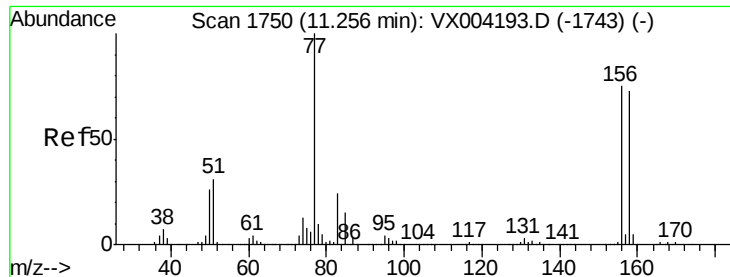
Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Tgt Ion:	75	Resp:	283009
Ion Ratio	Lower	Upper	
75	100		
77	40.8	20.2	60.6





#77

Bromobenzene

Concen: 51.99 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

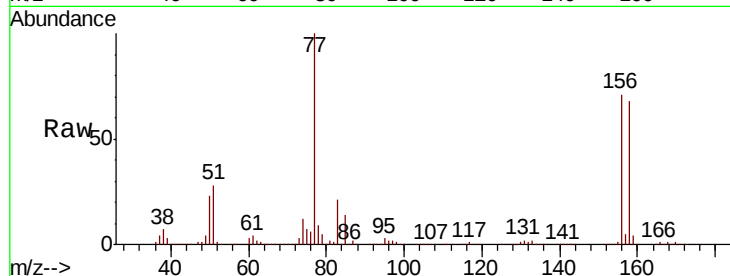
ClientSampleId :

VSTDCCC050EC

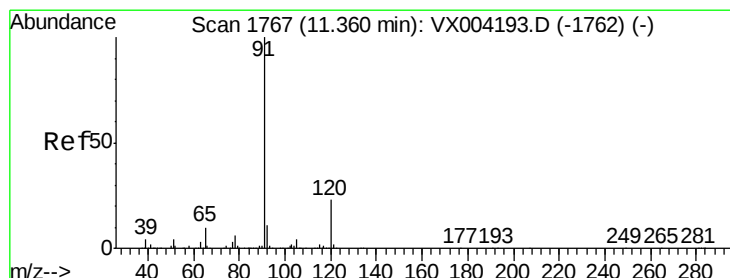
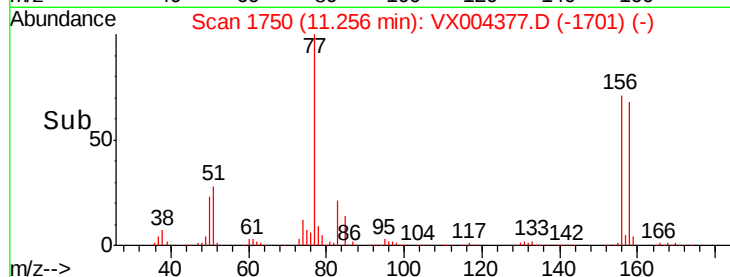
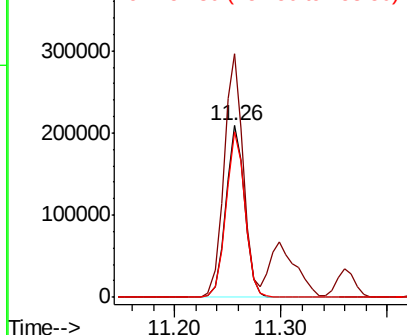
Tot Ion:	156	Resp:	257956
Ion	Ratio	Lower	Upper
156	100		
77	144.2	71.5	214.3
158	97.2	48.9	146.8

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.42 ug/l

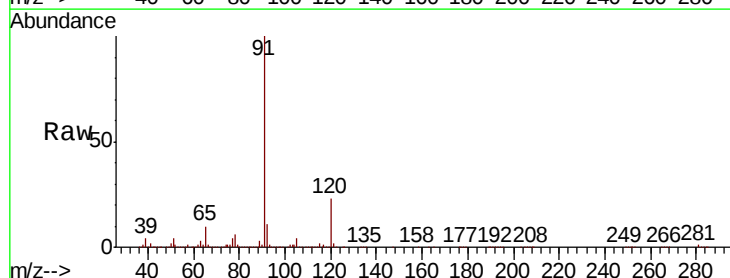
RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

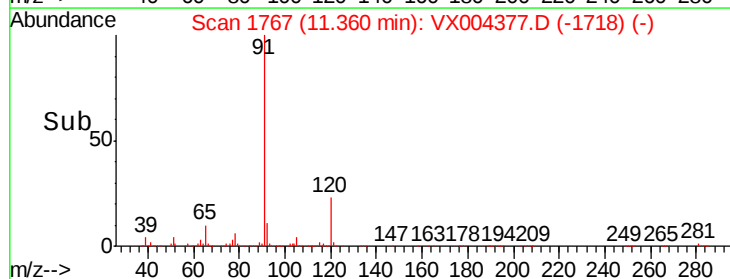
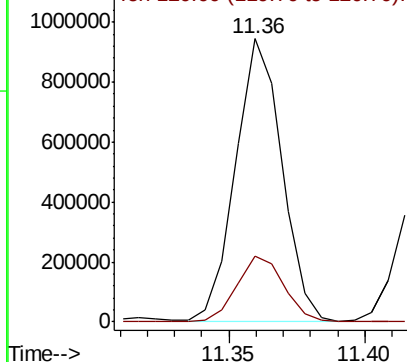
Lab File: VX004377.D

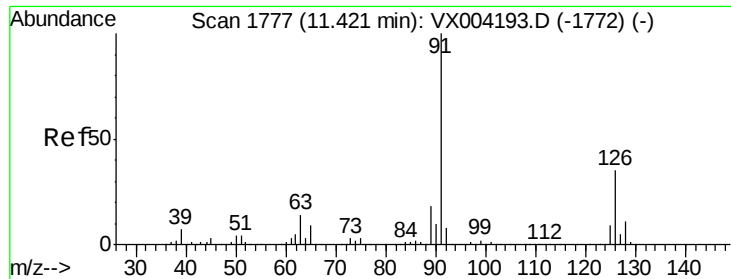
Acq: 05 Sep 2018 18:28

Tgt Ion:	91	Resp:	1107082
Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.91 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 649982

Ion Ratio Lower Upper

91 100

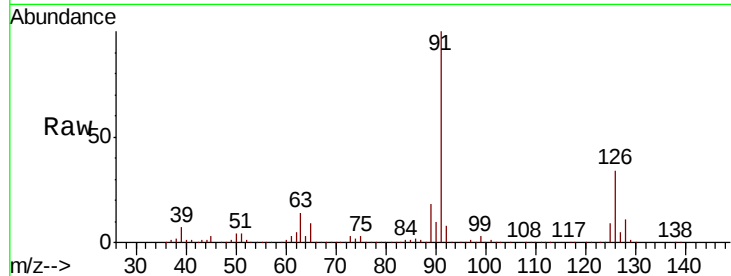
126 35.2 17.9 53.7

Manual Integrations

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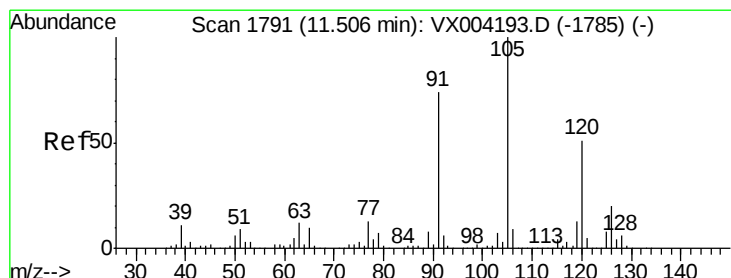
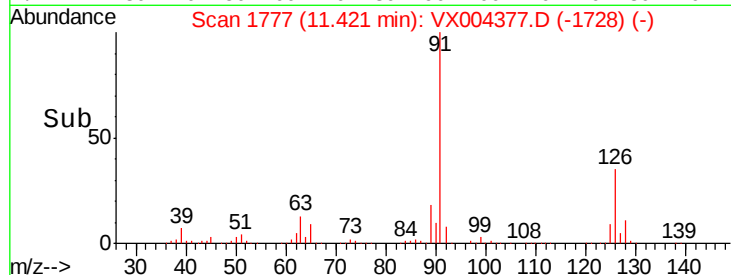
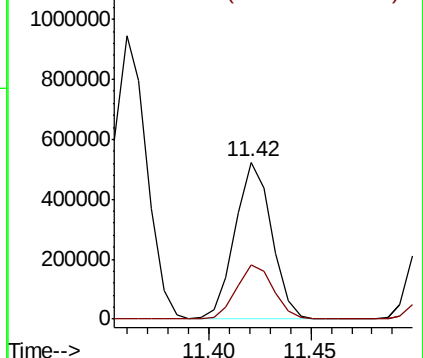
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.62 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004377.D

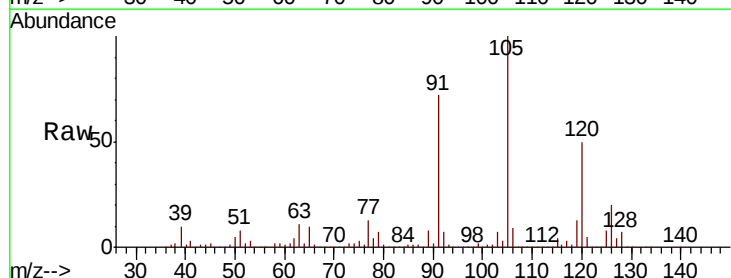
Acq: 05 Sep 2018 18:28

Tgt Ion:105 Resp: 800118

Ion Ratio Lower Upper

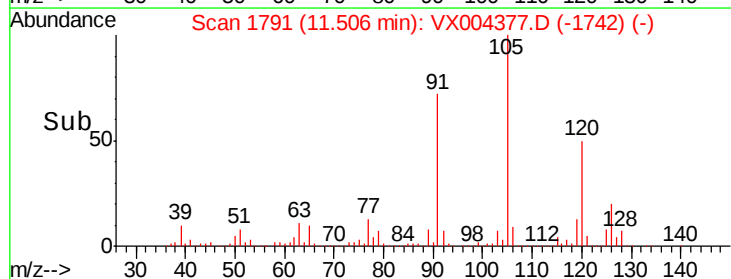
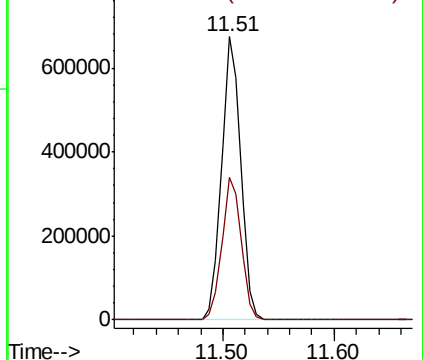
105 100

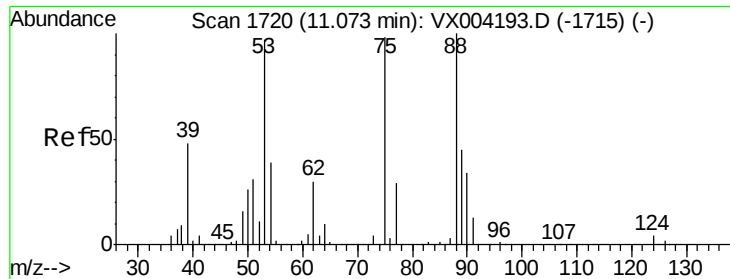
120 50.9 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.13 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.01 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

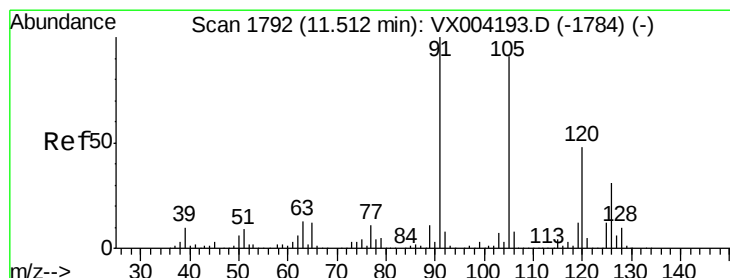
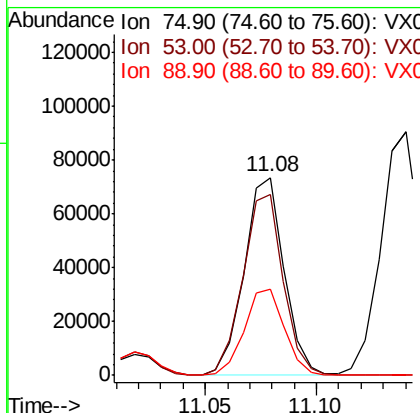
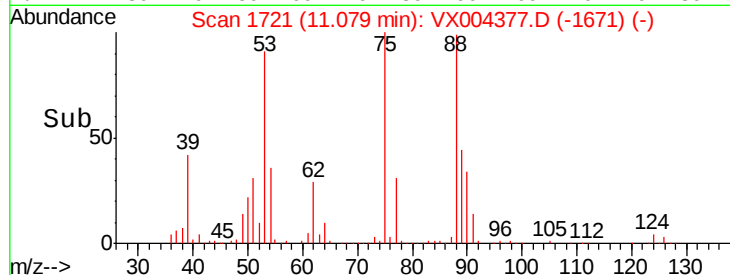
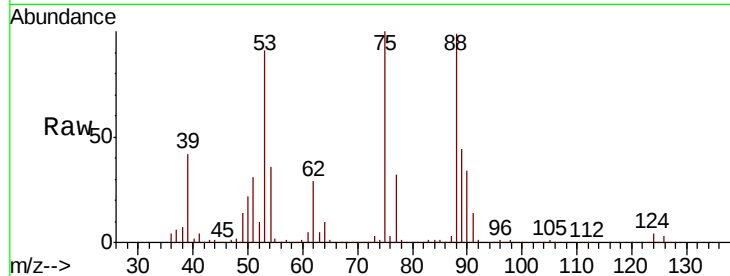
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	91385
Ion	Ratio	Lower	Upper
75	100		
53	92.8	80.1	120.1
89	44.3	37.2	55.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.38 ug/l

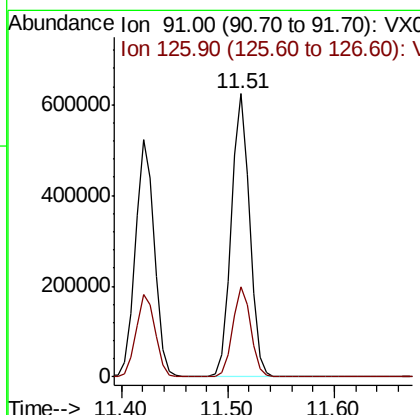
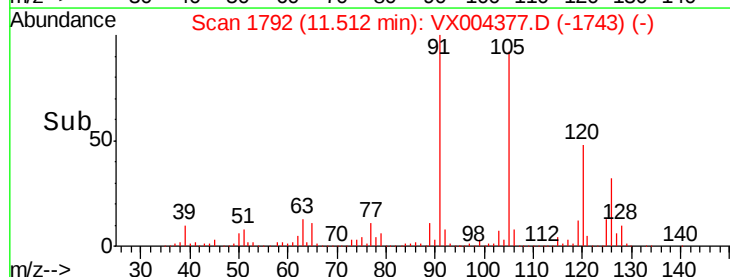
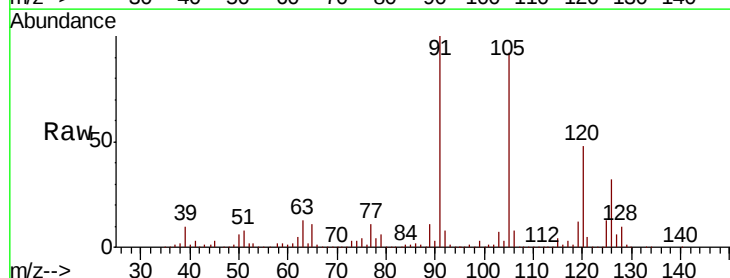
RT: 11.51 min Scan# 1792

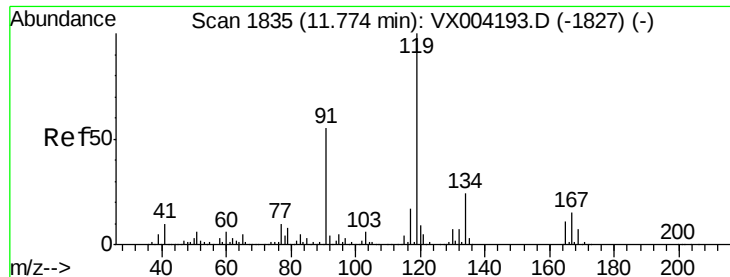
Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Tgt Ion:	91	Resp:	757086
Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.5	46.5





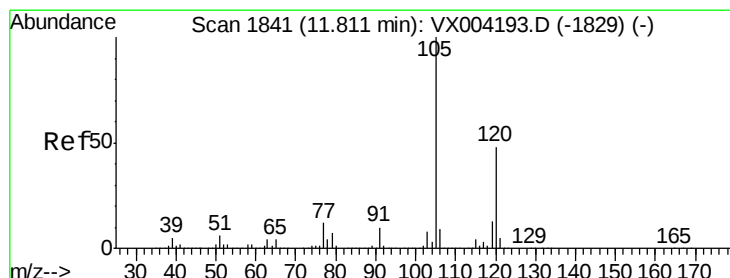
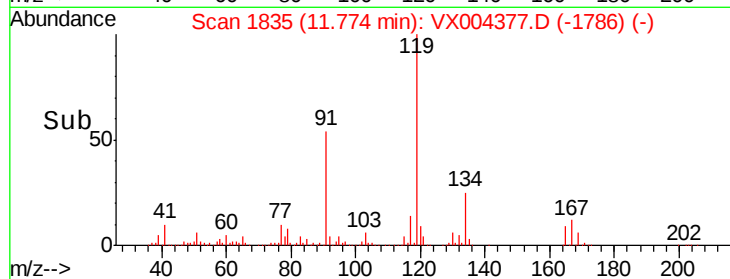
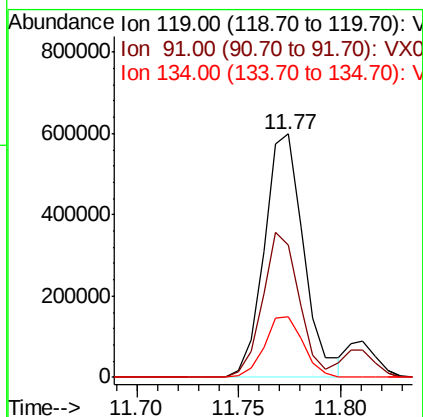
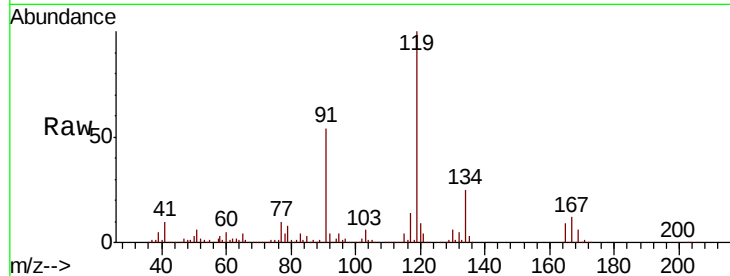
#83
 tert-Butylbenzene
 Concen: 54.69 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.0	27.0	81.0
134	24.3	11.7	35.1

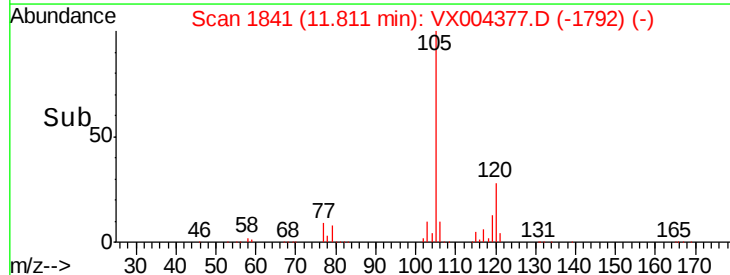
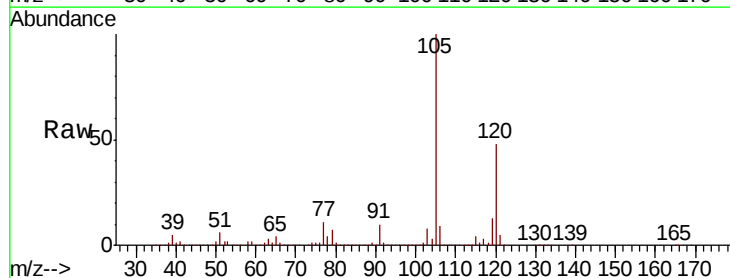
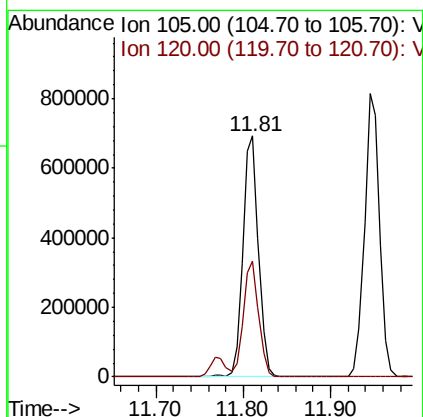
Manual Integrations
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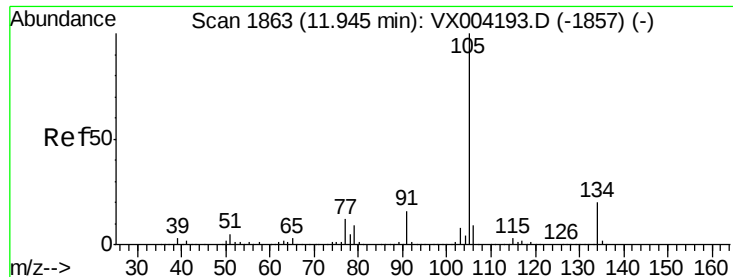
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.99 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.2	69.6





#85

sec-Butylbenzene

Concen: 55.98 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 979489

Ion Ratio Lower Upper

105 100

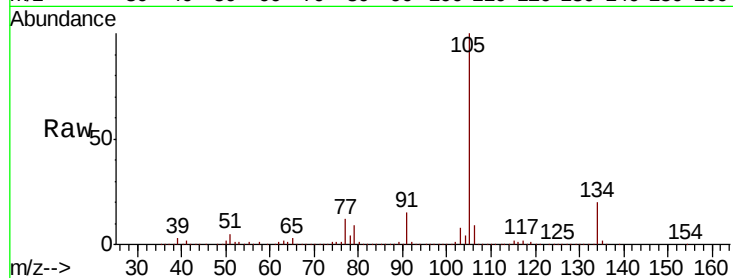
134 21.3 10.5 31.5

Manual Integrations

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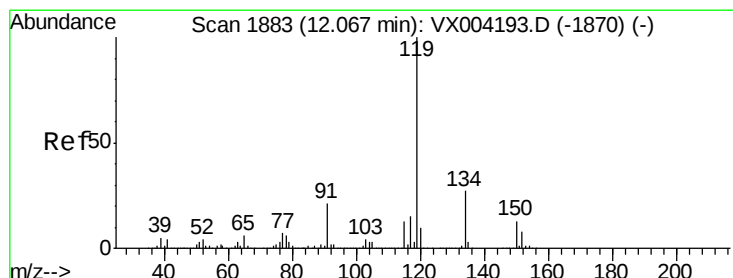
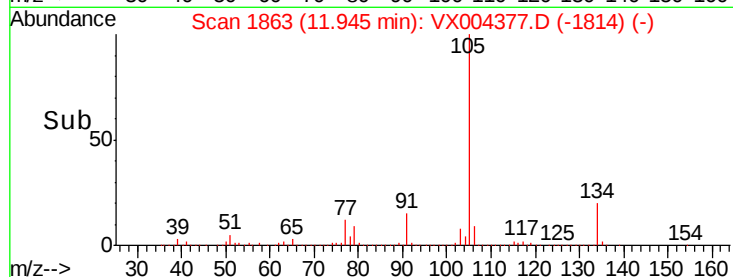
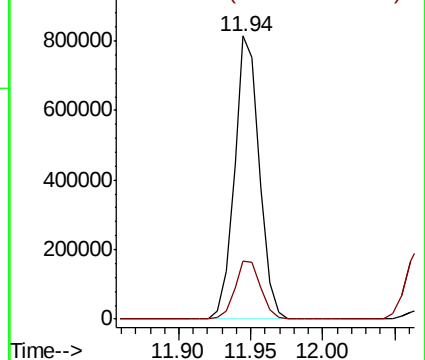
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.63 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

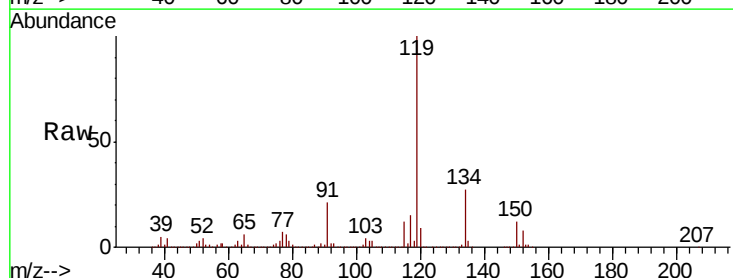
Tgt Ion:119 Resp: 872408

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

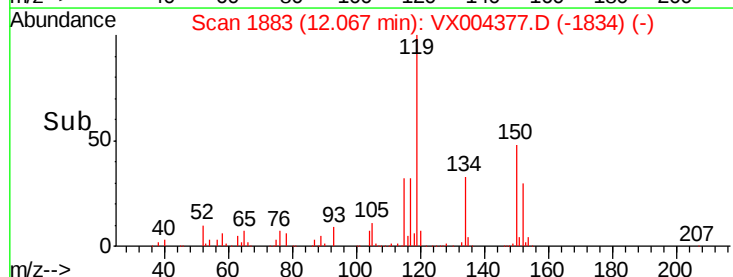
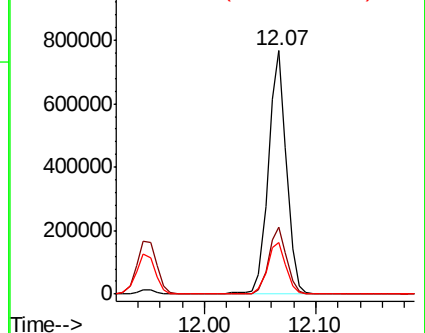
91 22.0 10.9 32.7

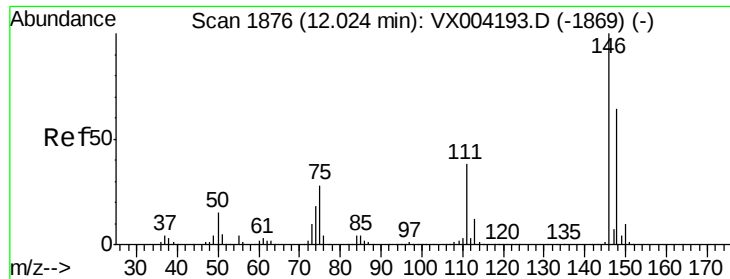


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





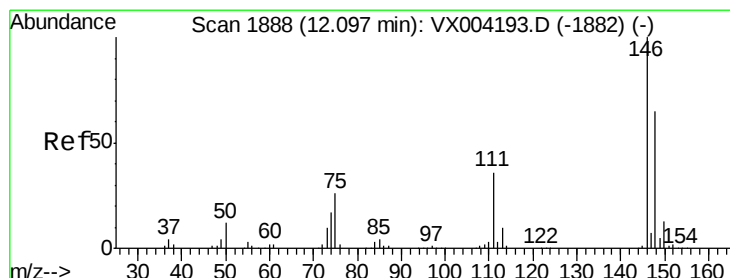
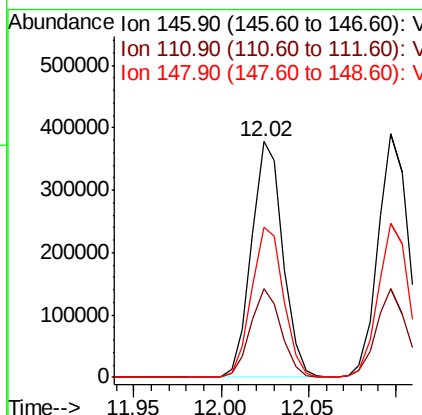
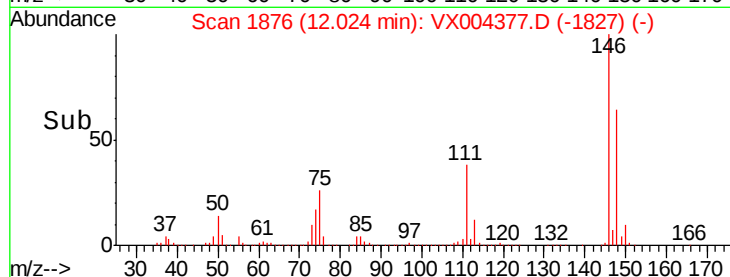
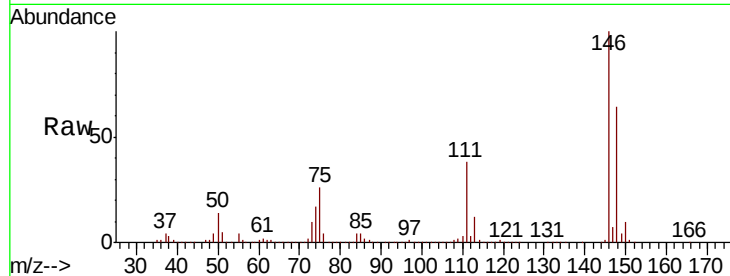
#87
 1,3-Dichlorobenzene
 Concen: 50.46 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.7	56.1
148	64.8	32.1	96.5

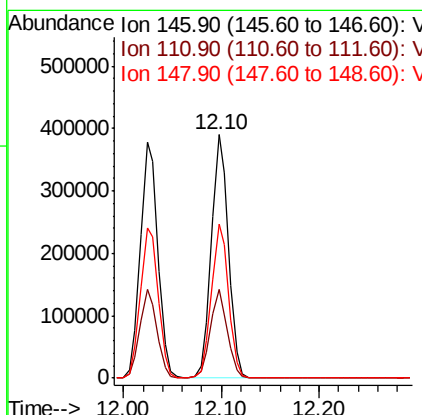
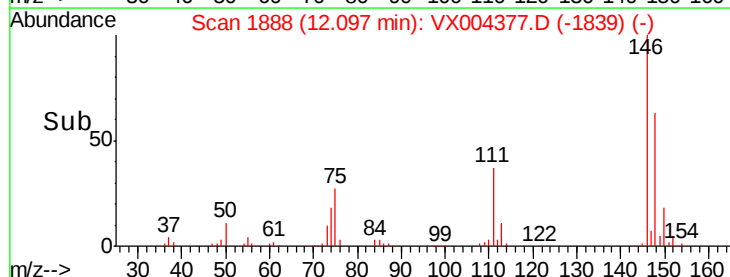
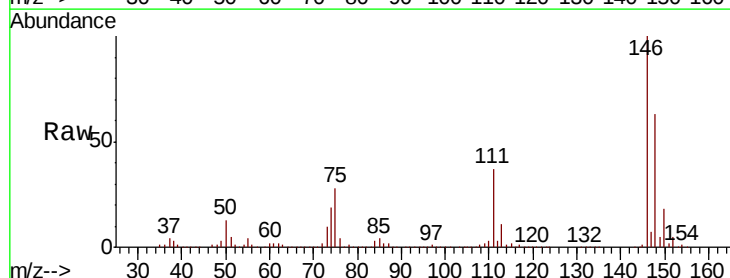
Manual Integrations
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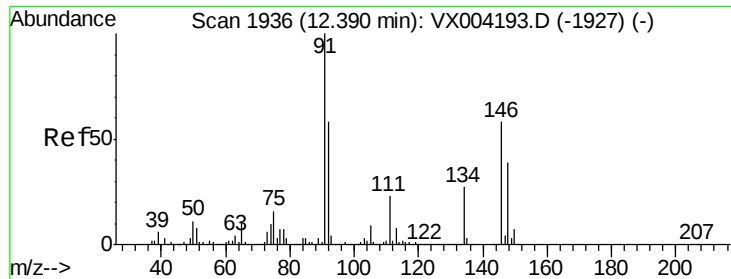
MMDadoda
 9/6/2018 12:48:54 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.88 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.1	54.1
148	63.3	32.0	96.0





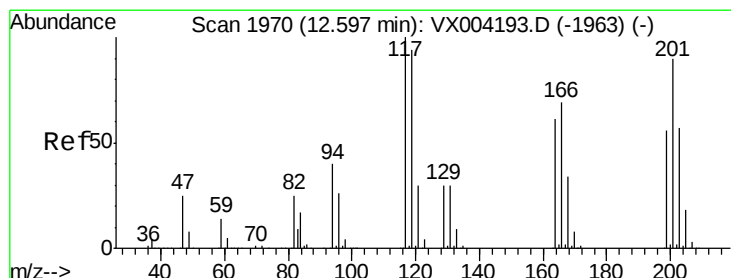
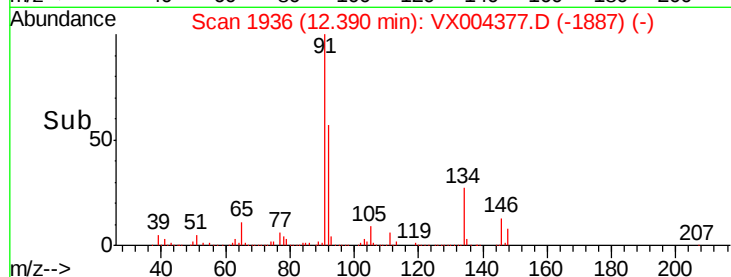
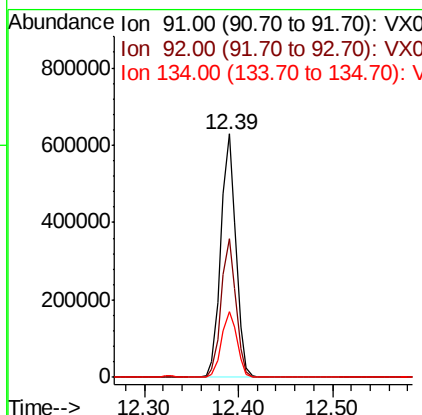
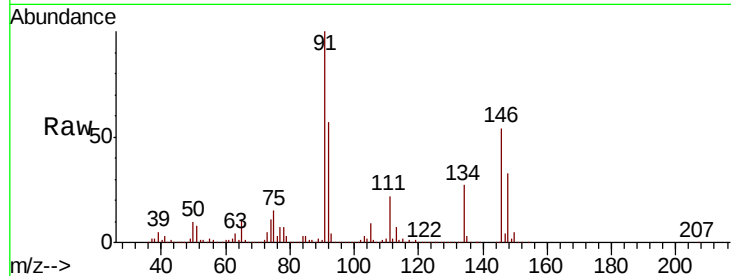
#89
n-Butylbenzene
Concen: 54.74 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.7	27.3	81.9
134	28.0	13.6	40.7

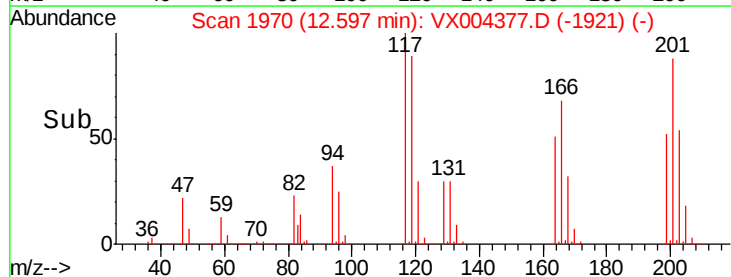
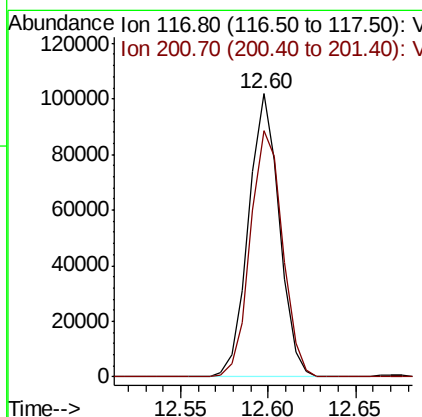
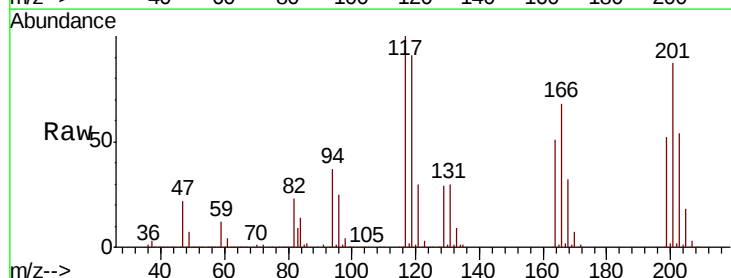
Manual Integrations
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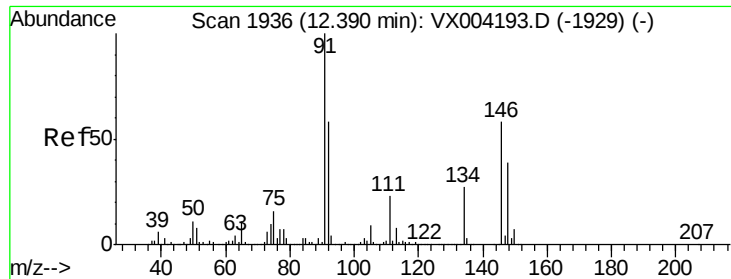
MMDadoda
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#90
Hexachloroethane
Concen: 56.85 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004377.D
Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.7	46.9	140.6





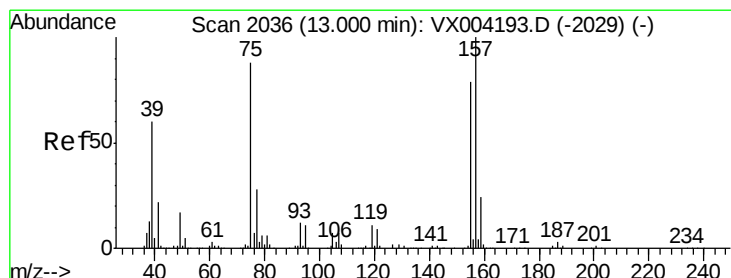
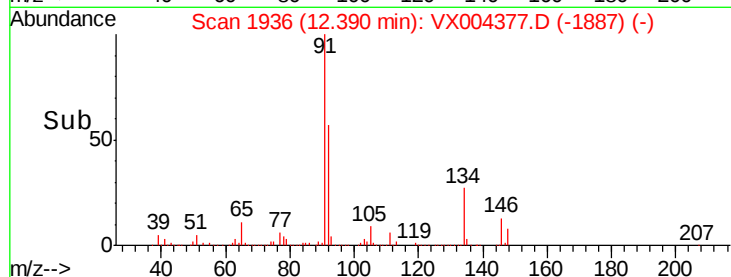
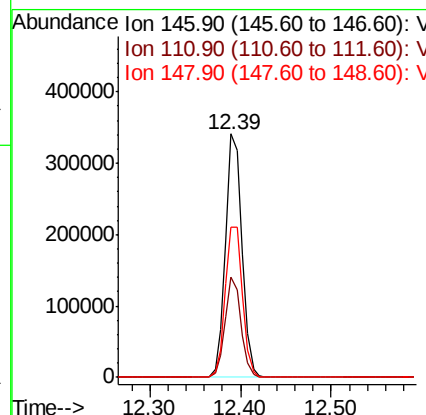
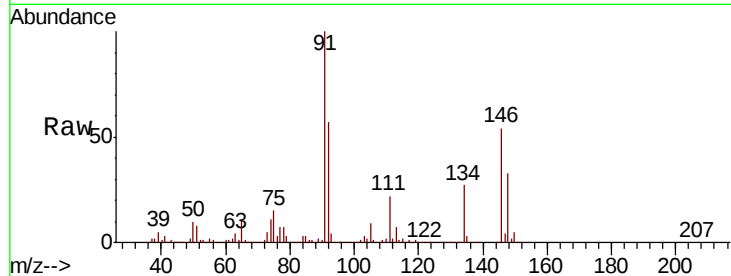
#91
 1,2-Dichlorobenzene
 Concen: 50.59 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.4	58.1
148	64.7	32.8	98.3

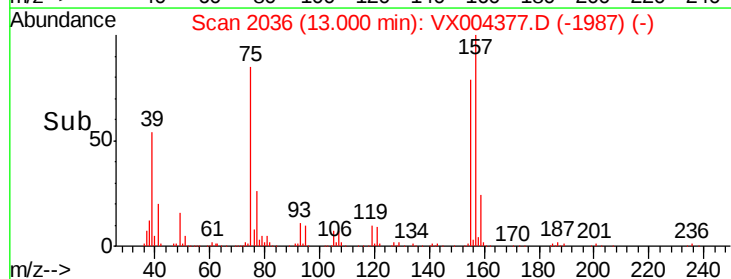
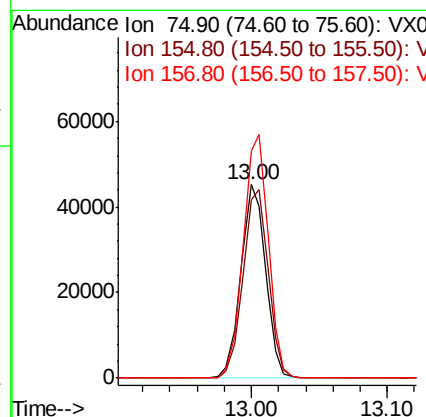
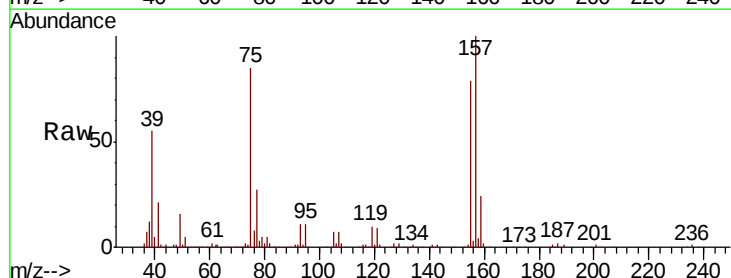
Manual Integrations
 APPROVED

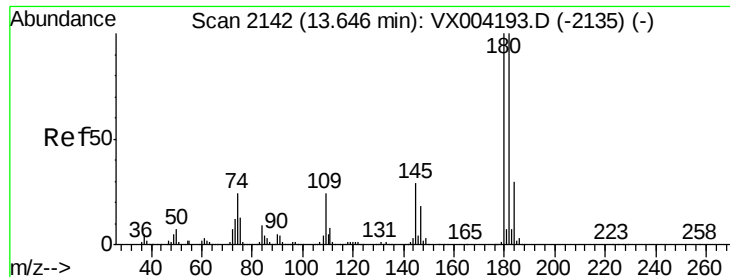
MMDadoda
 9/6/2018 12:48:54 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.47 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.3	48.0	144.2
157	127.5	61.4	184.1





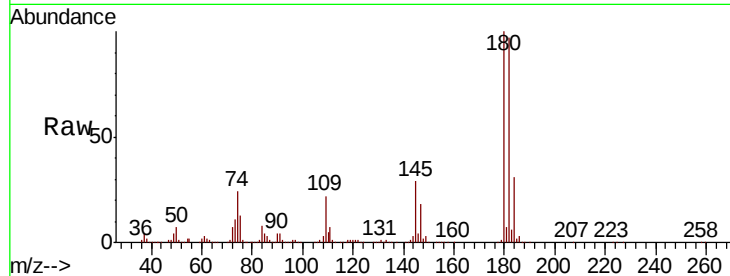
#93
 1,2,4-Trichlorobenzene
 Concen: 56.96 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

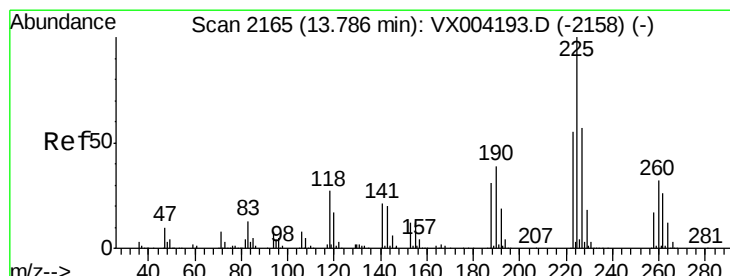
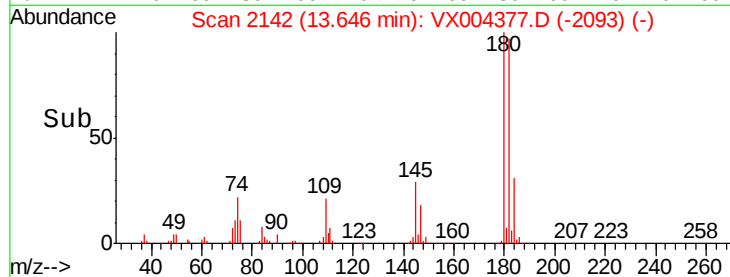
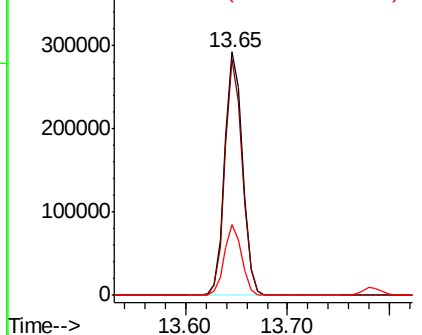
Tot Ion:	180	Resp:	353856
Ion Ratio	Lower	Upper	
180	100		
182	95.0	48.4	145.0
145	28.6	14.3	42.9

Manual Integrations
 APPROVED

MMDadoda
 9/6/2018 12:48:54 PM

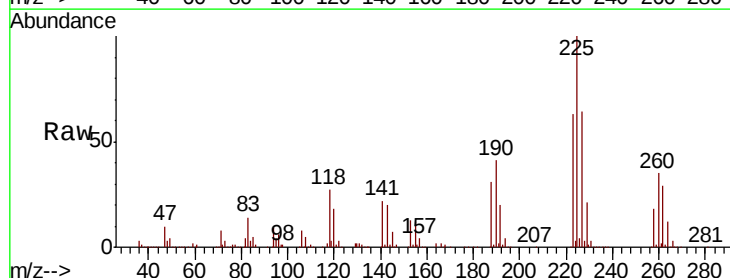


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

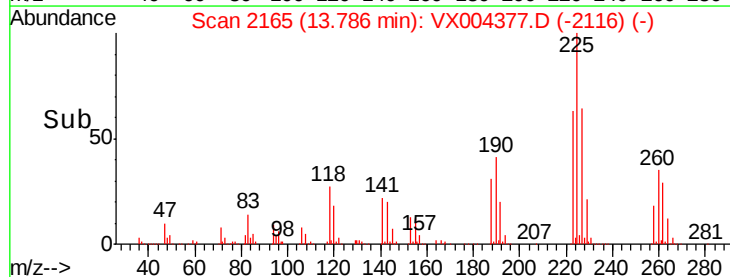
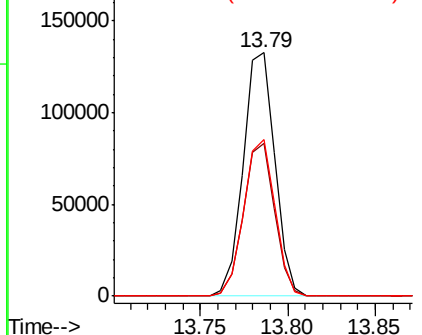


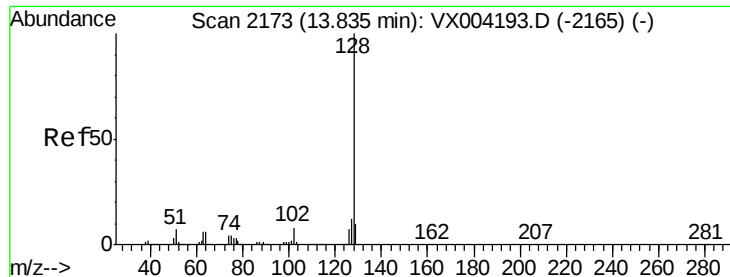
#94
 Hexachlorobutadiene
 Concen: 58.01 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX004377.D
 Acq: 05 Sep 2018 18:28

Tgt Ion:	225	Resp:	167590
Ion Ratio	Lower	Upper	
225	100		
223	61.9	30.1	90.5
227	63.4	30.8	92.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 61.13 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1074080

Ion Ratio Lower Upper

128 100

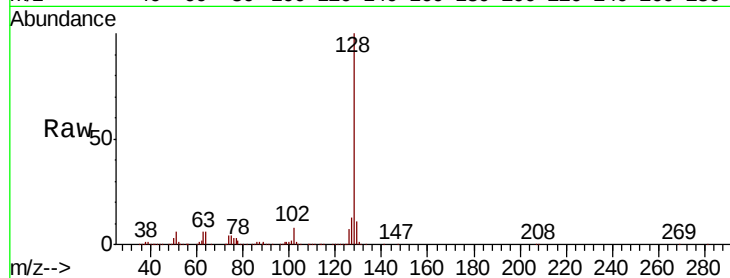
127 12.7 10.2 15.2

129 10.9 8.6 12.8

Manual Integrations
APPROVED

MMDadoda

9/6/2018 12:48:54 PM

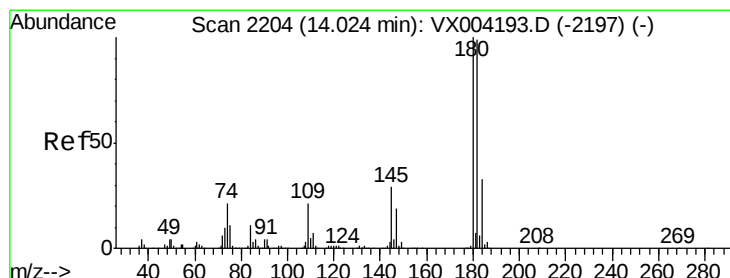
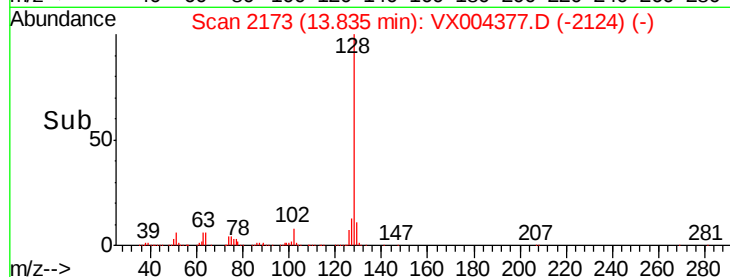
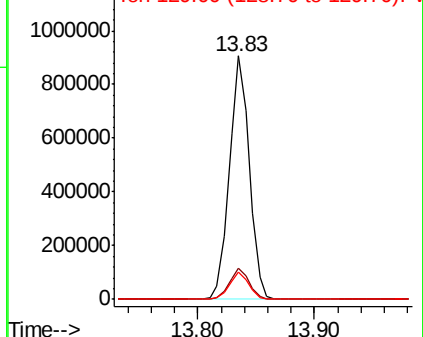


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.61 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004377.D

Acq: 05 Sep 2018 18:28

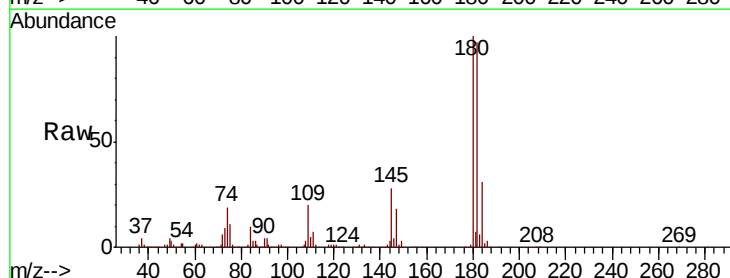
Tgt Ion:180 Resp: 365716

Ion Ratio Lower Upper

180 100

182 94.9 48.5 145.6

145 29.4 14.9 44.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

