

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083118\
 Data File : VX004337.D
 Acq On : 31 Aug 2018 20:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 9/4/2018 12:11:05 PM

Quant Time: Sep 01 05:28:19 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	5.66	168	300314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	438296	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	398948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	256815	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	190653	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
35) Dibromofluoromethane	5.50	113	165394	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
50) Toluene-d8	8.71	98	619175	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.14	95	235670	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	161653	46.47	ug/l	98
3) Chloromethane	1.32	50	178706	46.50	ug/l	99
4) Vinyl Chloride	1.40	62	188195	47.83	ug/l	100
5) Bromomethane	1.64	94	86181	44.20	ug/l	96
6) Chloroethane	1.72	64	123634	43.98	ug/l	97
7) Trichlorofluoromethane	1.92	101	254533	47.20	ug/l	97
8) Diethyl Ether	2.18	74	115443	50.00	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	161974	47.96	ug/l	98
10) Methyl Iodide	2.51	142	182683	48.11	ug/l	98
11) Tert butyl alcohol	3.07	59	208849	250.31	ug/l	99
12) 1,1-Dichloroethene	2.37	96	149949	47.13	ug/l	99
13) Acrolein	2.29	56	152250	756.88	ug/l	99
14) Allyl chloride	2.72	41	293236	50.17	ug/l	98
15) Acrylonitrile	3.15	53	514656	249.07	ug/l	100
16) Acetone	2.45	43	412389	258.36	ug/l	99
17) Carbon Disulfide	2.56	76	379985	43.12	ug/l	100
18) Methyl Acetate	2.78	43	361278	62.20	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	533088	50.85	ug/l	97
20) Methylene Chloride	2.86	84	177856	47.20	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	161892	45.97	ug/l	97
22) Diisopropyl ether	3.87	45	556101	50.95	ug/l	95
23) Vinyl Acetate	3.82	43	2151856	243.27	ug/l	99
24) 1,1-Dichloroethane	3.69	63	318640	50.10	ug/l	99
25) 2-Butanone	4.70	43	679688	259.25	ug/l	99
26) 2,2-Dichloropropane	4.58	77	228730	45.85	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	196543	49.21	ug/l	99
28) Bromochloromethane	5.02	49	147322	52.32	ug/l	99
29) Tetrahydrofuran	5.15	42	435366	258.88	ug/l	99
30) Chloroform	5.21	83	315715	49.51	ug/l	100
31) Cyclohexane	5.57	56	266312	48.53	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	265282	49.89	ug/l	99
36) 1,1-Dichloropropene	5.79	75	232658	47.22	ug/l	99
37) Ethyl Acetate	4.85	43	240452	49.62	ug/l	100
38) Carbon Tetrachloride	5.78	117	228127	49.22	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	277344	49.30	ug/l	99
40) Benzene	6.14	78	731259	49.67	ug/l	99
41) Methacrylonitrile	5.06	41	146365	52.11	ug/l	99
42) 1,2-Dichloroethane	6.20	62	245462	48.87	ug/l	99
43) Isopropyl Acetate	6.46	43	384802	51.68	ug/l	100
44) Trichloroethene	7.21	130	195201	47.90	ug/l	99
45) 1,2-Dichloropropane	7.51	63	191212	51.89	ug/l	100
46) Dibromomethane	7.67	93	119292	48.62	ug/l	98
47) Bromodichloromethane	7.90	83	234414	51.34	ug/l	100
48) Methyl methacrylate	7.77	41	208743	52.39	ug/l	99
49) 1,4-Dioxane	7.76	88	94908	1049.12	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1334054	246.57	ug/l	100
52) Toluene	8.79	92	461880	50.11	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	260084	51.58	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	286330	52.13	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	190579	51.22	ug/l	97
56) Ethyl methacrylate	9.18	69	276926	54.68	ug/l	99
57) 1,3-Dichloropropane	9.37	76	318984	50.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	720469	277.63	ug/l	100
59) 2-Hexanone	9.50	43	1017383	246.48	ug/l	100
60) Dibromochloromethane	9.59	129	187606	51.76	ug/l	100
61) 1,2-Dibromoethane	9.67	107	193565	50.27	ug/l	100
64) Tetrachloroethene	9.34	164	200407	50.85	ug/l	99
65) Chlorobenzene	10.14	112	508158	50.75	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	185334	53.67	ug/l	99
67) Ethyl Benzene	10.25	91	868689	53.42	ug/l	98
68) m/p-Xylenes	10.36	106	653574	102.79	ug/l	94
69) o-Xylene	10.70	106	328039	54.54	ug/l	100
70) Styrene	10.71	104	549815	56.46	ug/l	99
71) Bromoform	10.86	173	145110	52.13	ug/l	99
73) Isopropylbenzene	11.02	105	901515	53.45	ug/l	100
74) N-amyl acetate	10.90	43	343630	52.91	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	288776	48.92	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	265316m	50.80	ug/l	
77) Bromobenzene	11.26	156	233438	49.34	ug/l	96
78) n-propylbenzene	11.36	91	1034693	53.34	ug/l	100
79) 2-Chlorotoluene	11.42	91	607908	50.91	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	739470	52.94	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	82886	51.49	ug/l	97
82) 4-Chlorotoluene	11.51	91	714872	50.88	ug/l	100
83) tert-Butylbenzene	11.77	119	758339	53.96	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	776232	54.14	ug/l	100
85) sec-Butylbenzene	11.94	105	924964	55.44	ug/l	100
86) p-Isopropyltoluene	12.07	119	830914	55.57	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	442707	49.70	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	444150	47.29	ug/l	99
89) n-Butylbenzene	12.39	91	711439	58.51	ug/l	99
90) Hexachloroethane	12.60	117	114495	54.78	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	447232	54.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51957	49.97	ug/l	96

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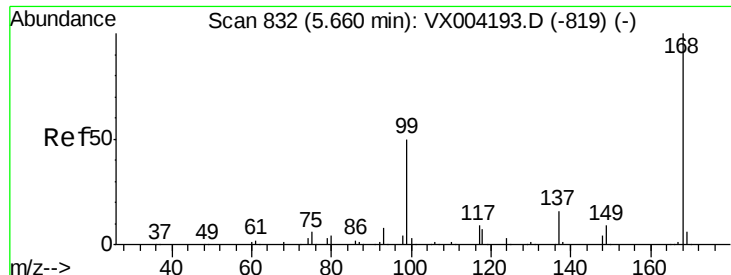
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	320789	54.15	ug/l	98
94) Hexachlorobutadiene	13.79	225	160050	58.10	ug/l	96
95) Naphthalene	13.83	128	981055	58.55	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	335073	53.43	ug/l	99

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



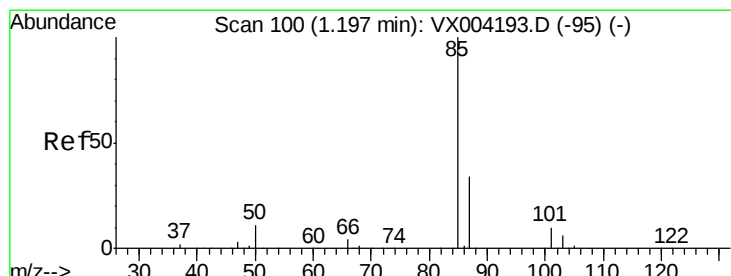
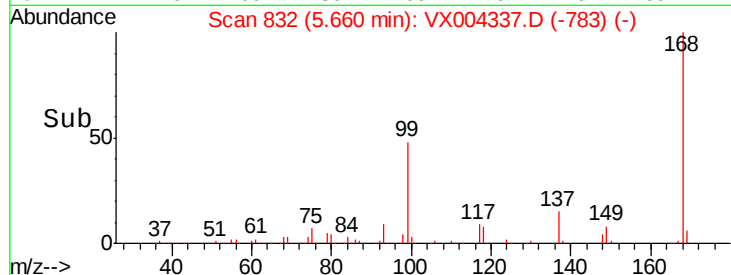
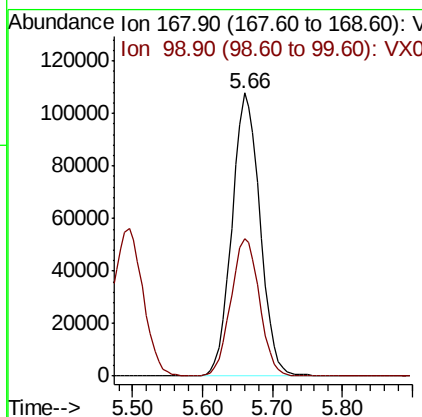
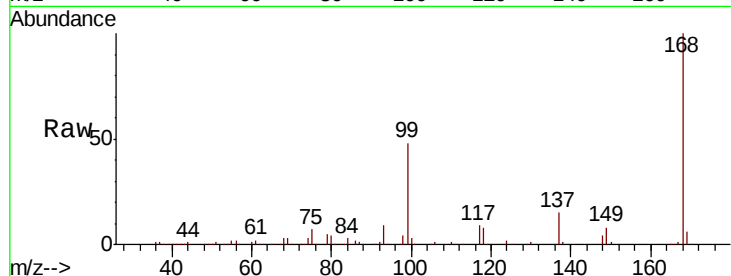
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.4	39.9	59.9

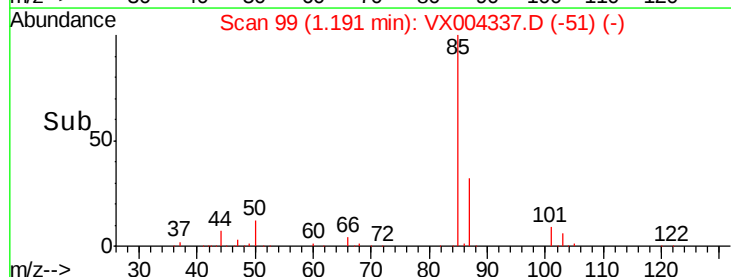
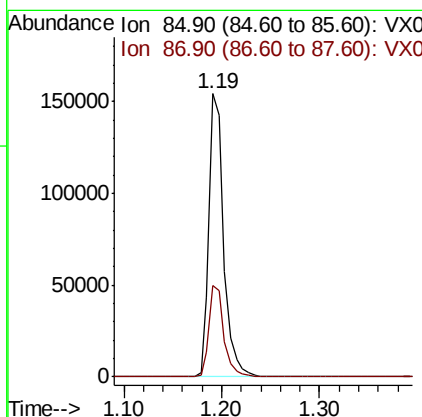
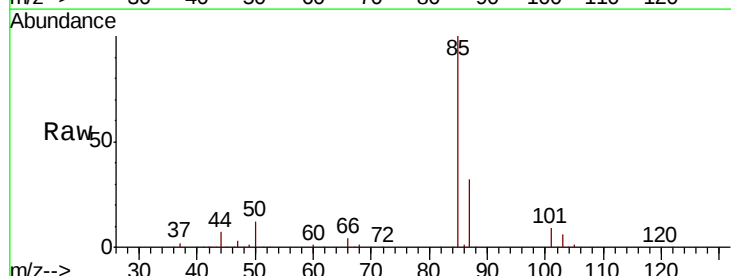
Manual Integrations
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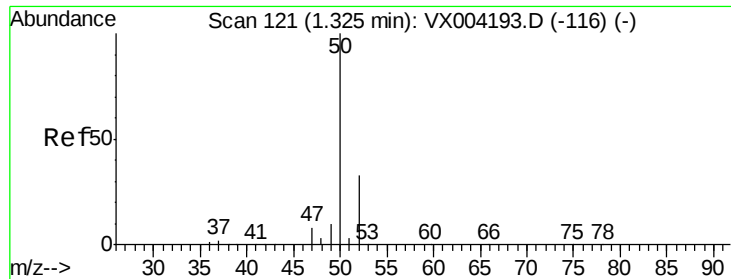
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#2
Dichlorodifluoromethane
Concen: 46.47 ug/l
RT: 1.19 min Scan# 99
Delta R.T. -0.01 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	17.0	50.9





#3

Chloromethane

Concen: 46.50 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 50 Resp: 178706

Ion Ratio Lower Upper

50 100

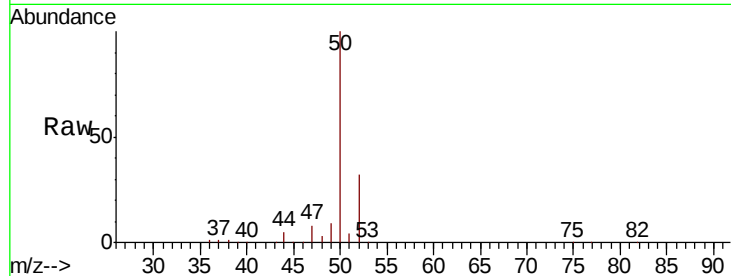
52 32.3 26.2 39.2

Manual Integrations

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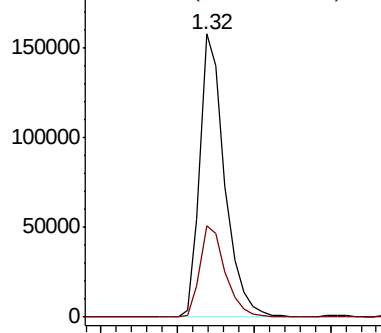
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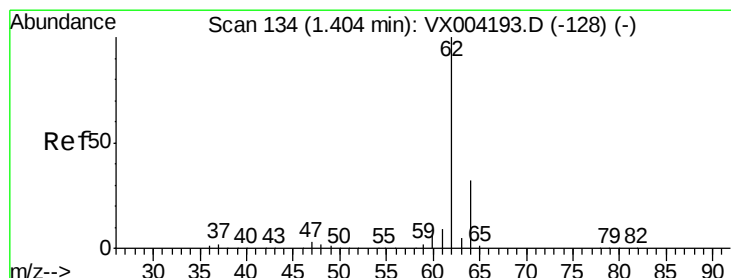
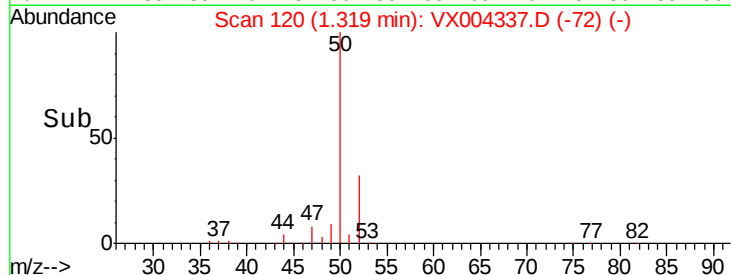


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 47.83 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX004337.D

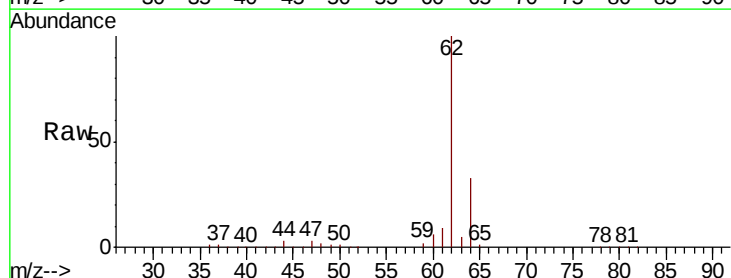
Acq: 31 Aug 2018 20:07

Tgt Ion: 62 Resp: 188195

Ion Ratio Lower Upper

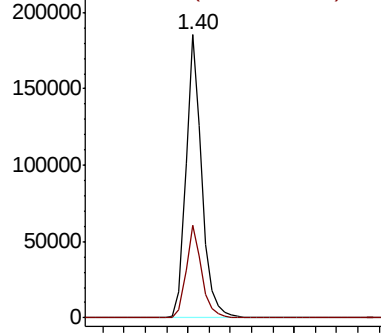
62 100

64 32.5 25.8 38.8

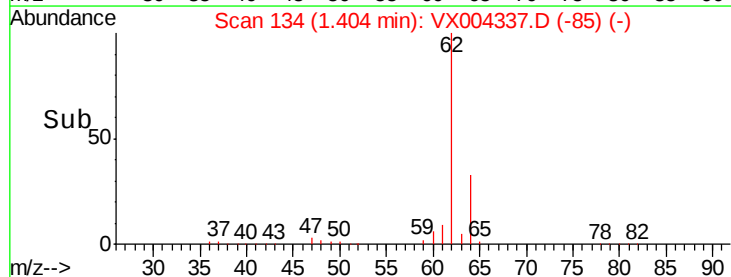


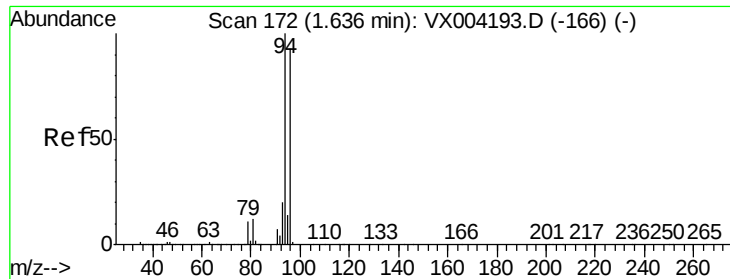
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 44.20 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 86181

Ion Ratio Lower Upper

94 100

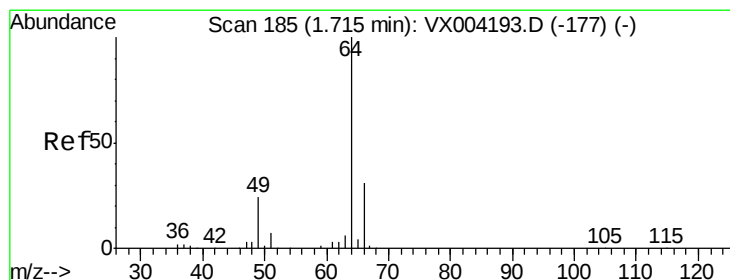
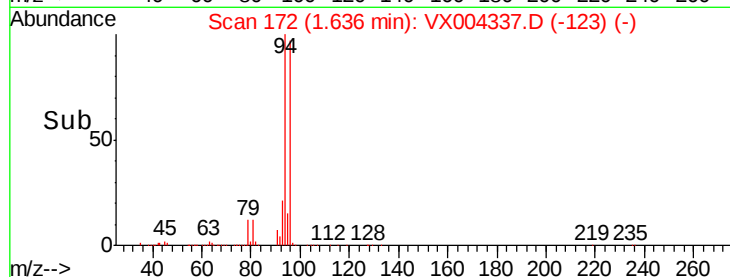
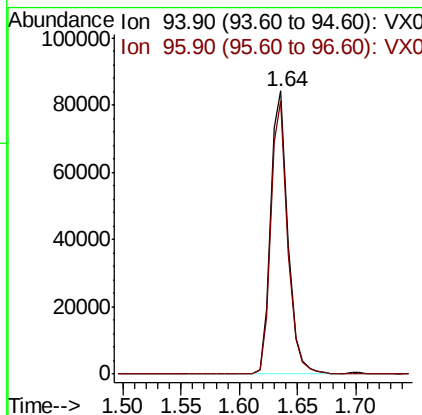
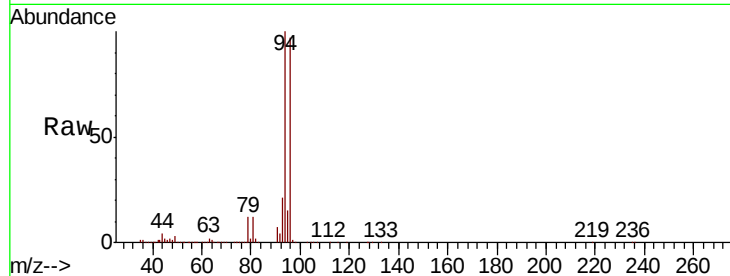
96 96.6 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 43.98 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX004337.D

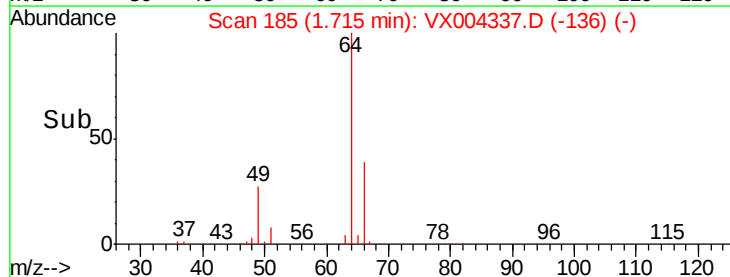
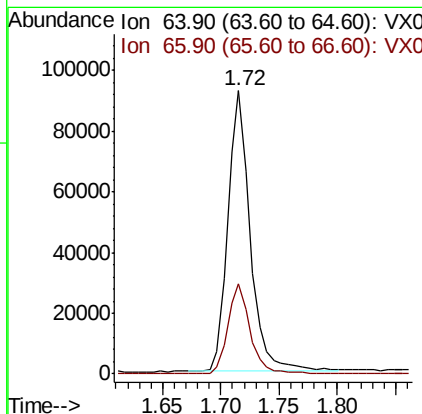
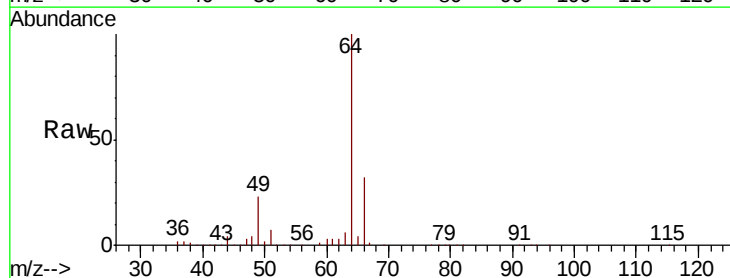
Acq: 31 Aug 2018 20:07

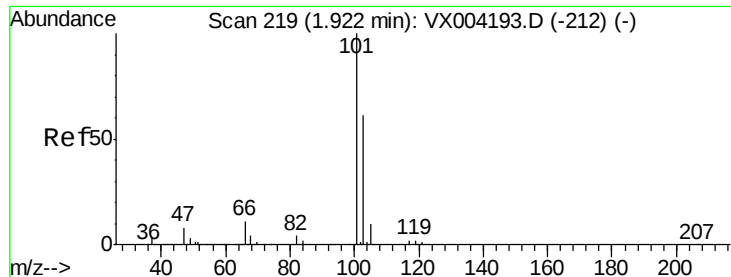
Tgt Ion: 64 Resp: 123634

Ion Ratio Lower Upper

64 100

66 32.2 24.6 36.8





#7

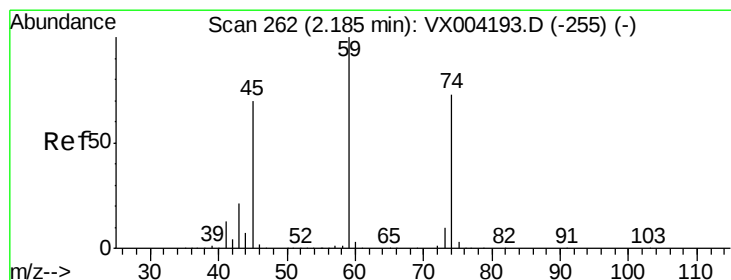
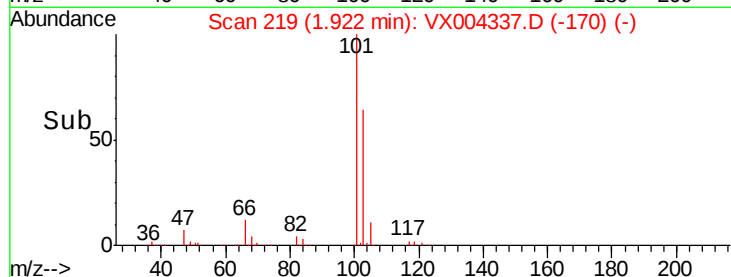
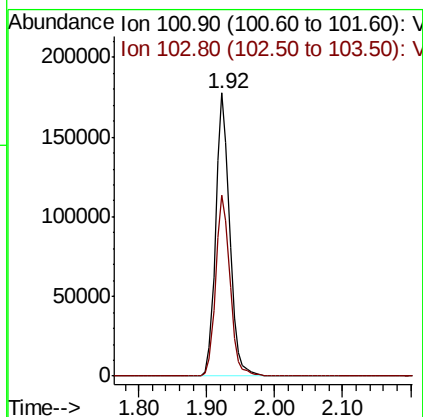
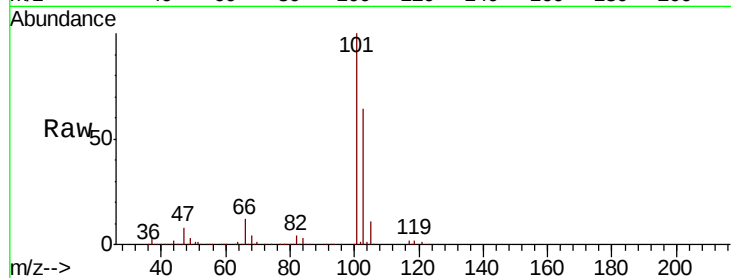
Trichlorofluoromethane
 Concen: 47.20 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	48.9	73.3

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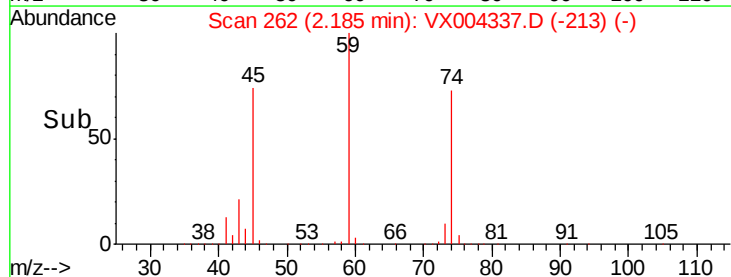
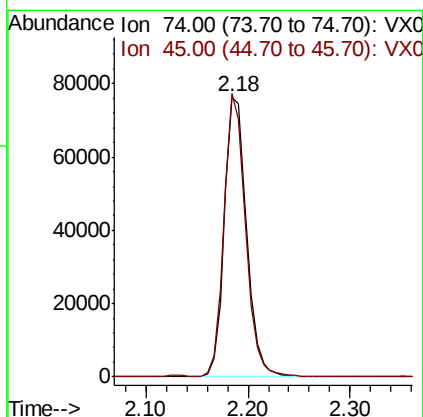
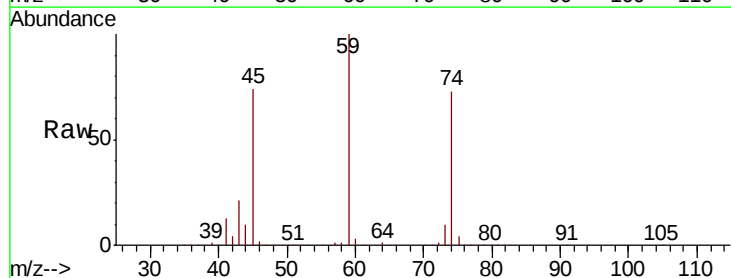
MMDadoda
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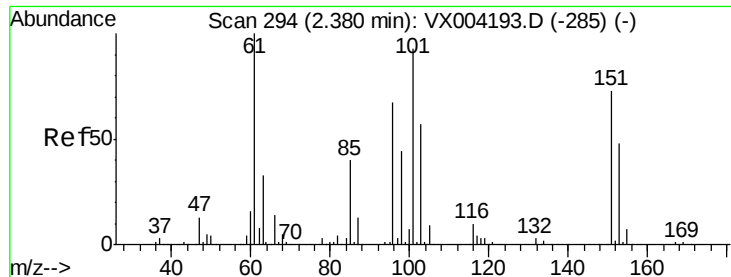


#8

Diethyl Ether
 Concen: 50.00 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.96 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

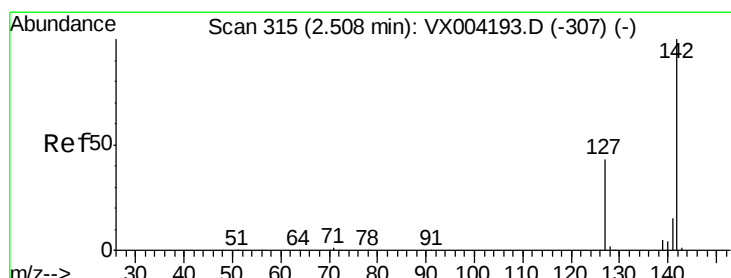
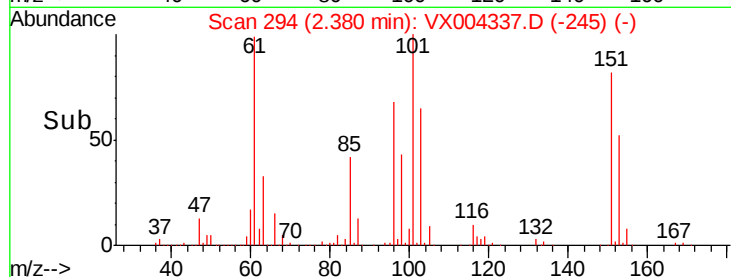
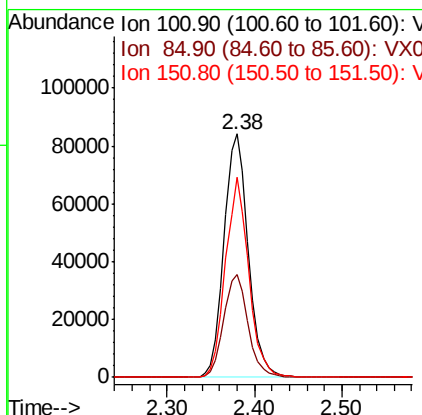
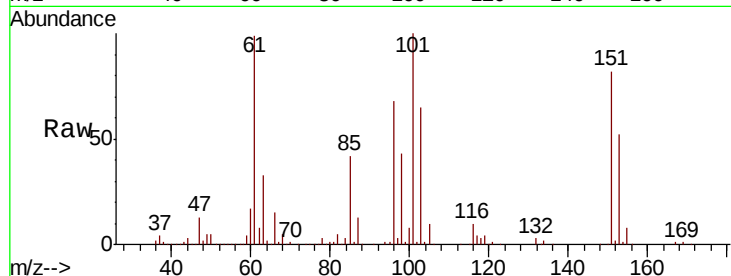
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	161974
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.2	51.4
151	78.9	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 48.11 ug/l

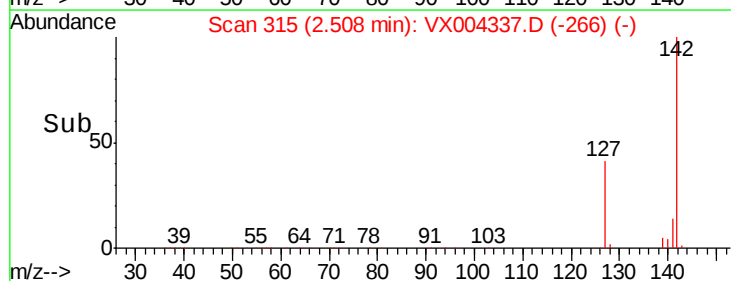
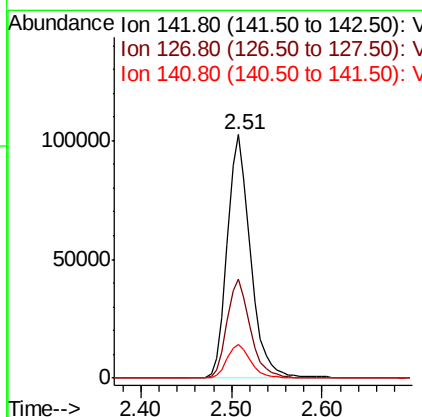
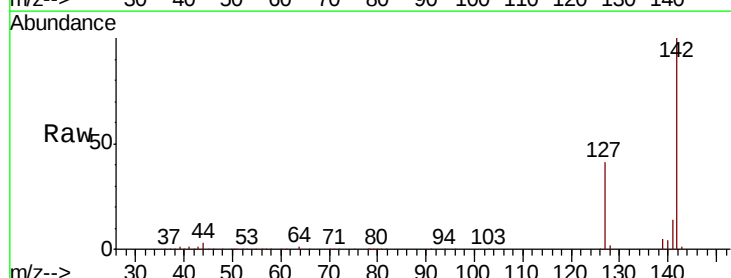
RT: 2.51 min Scan# 315

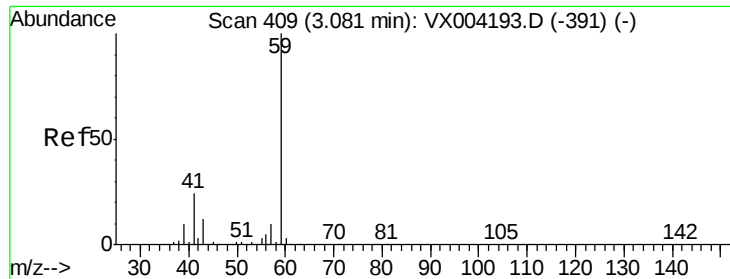
Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Tgt Ion:	142	Resp:	182683
Ion Ratio	Lower	Upper	
142	100		
127	40.7	33.8	50.6
141	14.2	11.4	17.0





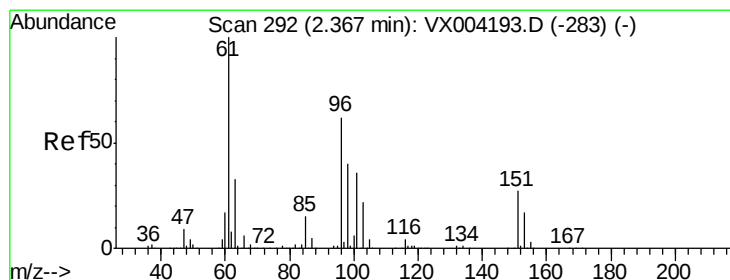
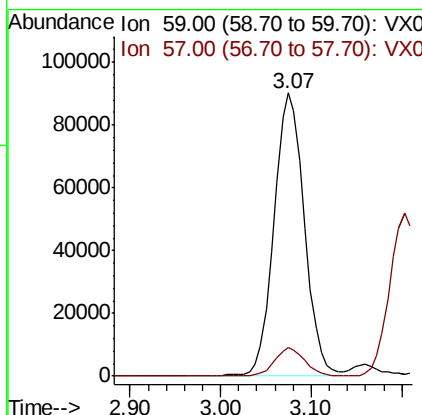
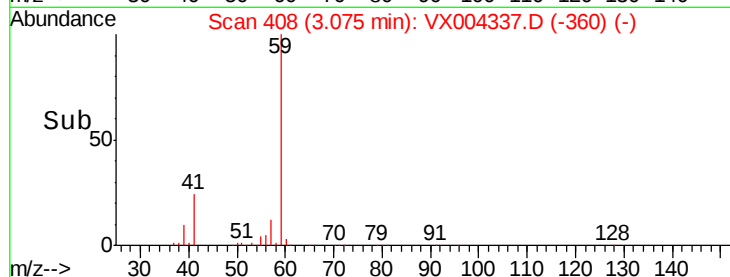
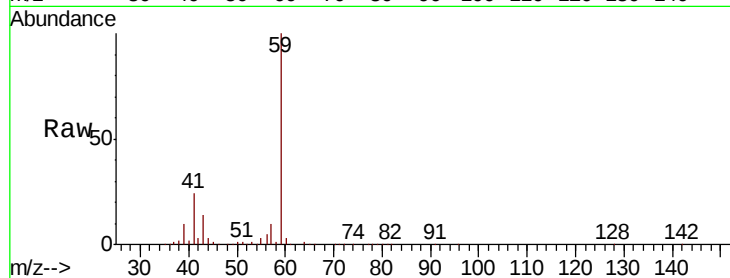
#11
Tert butyl alcohol
Concen: 250.31 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	59	Resp	208849
Ion Ratio	100	Lower	Upper
57	10.1	8.2	12.4

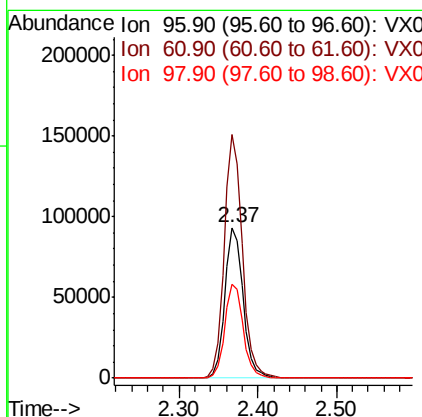
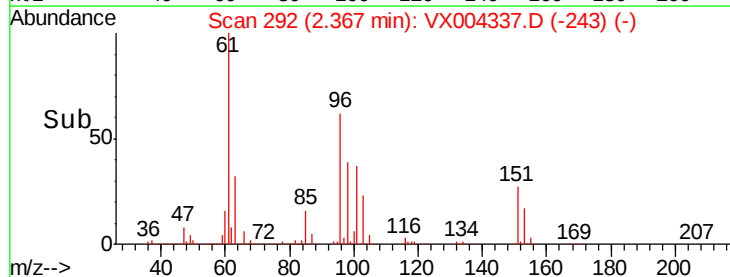
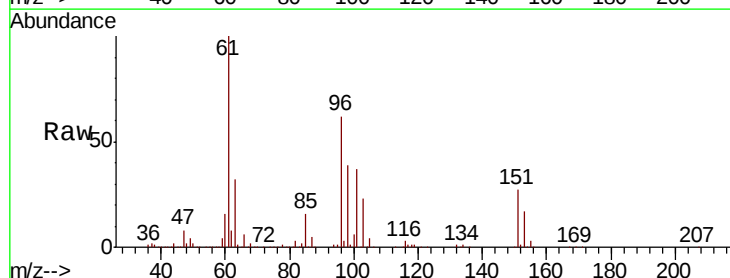
Manual Integrations
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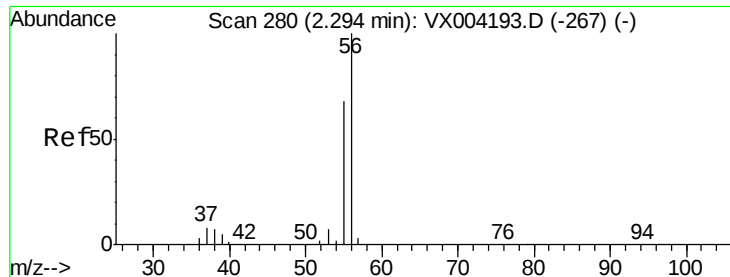
MMDadoda
9/4/2018 12:11:05 PM



#12
1,1-Dichloroethene
Concen: 47.13 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Tgt Ion	96	Resp	149949
Ion Ratio	100	Lower	Upper
61	161.6	128.8	193.2
98	62.7	52.2	78.2





#13

Acrolein

Concen: 756.88 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 152250

Ion Ratio Lower Upper

56 100

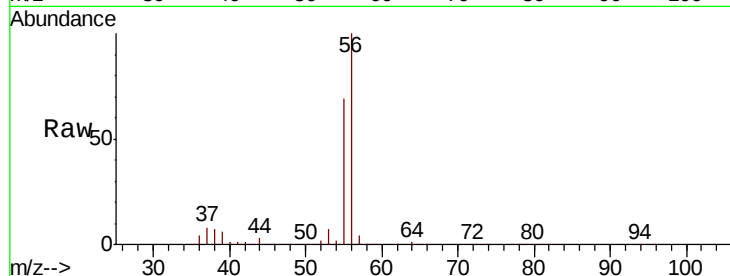
55 69.3 54.7 82.1

Manual Integrations

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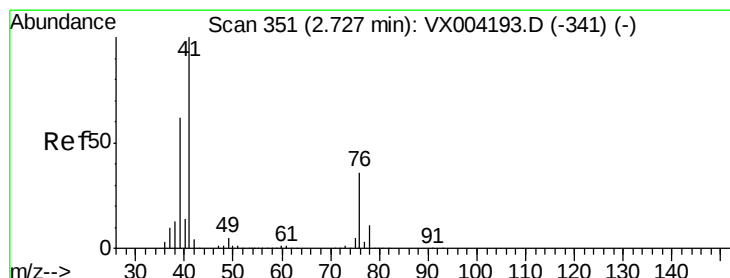
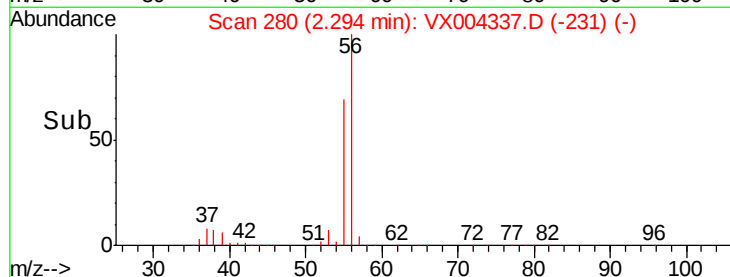
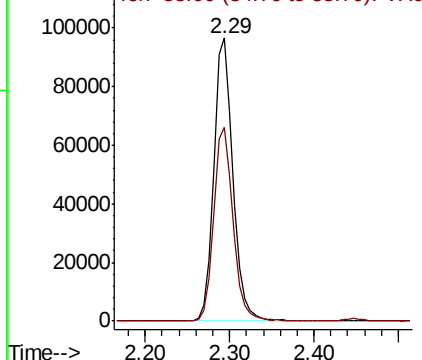
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.17 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

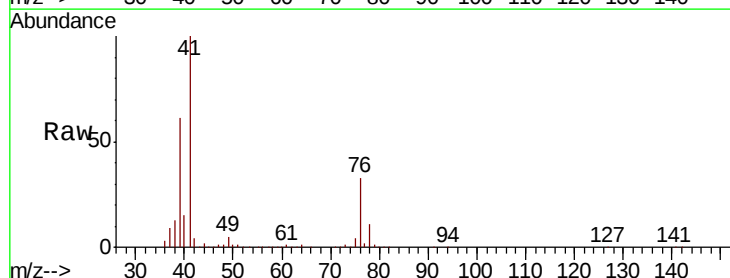
Tgt Ion: 41 Resp: 293236

Ion Ratio Lower Upper

41 100

39 59.1 48.9 73.3

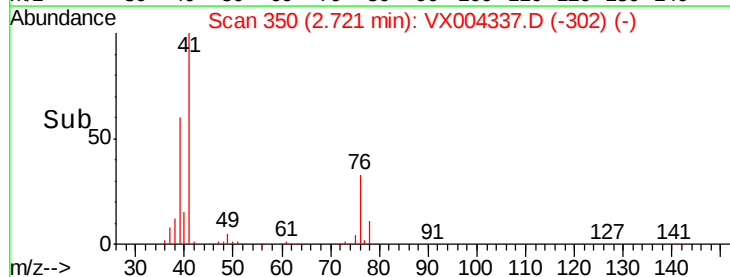
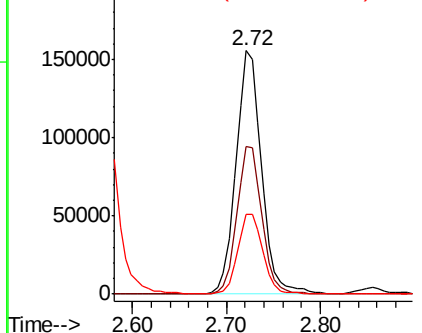
76 32.3 26.7 40.1

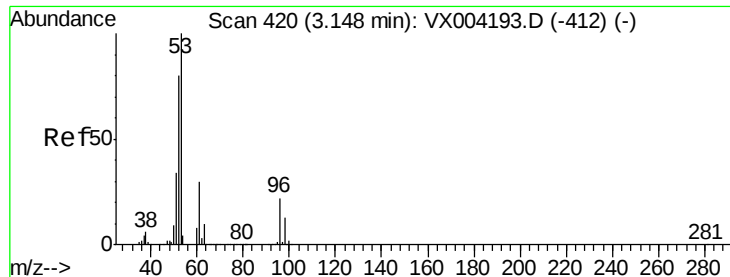


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 249.07 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

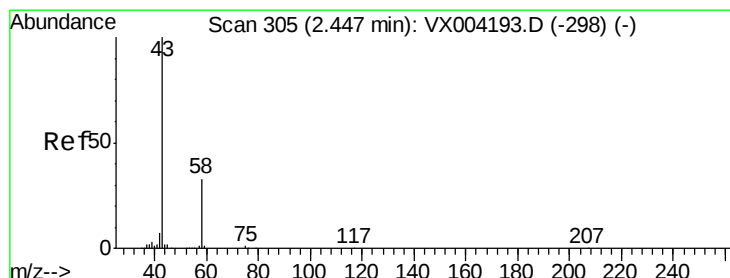
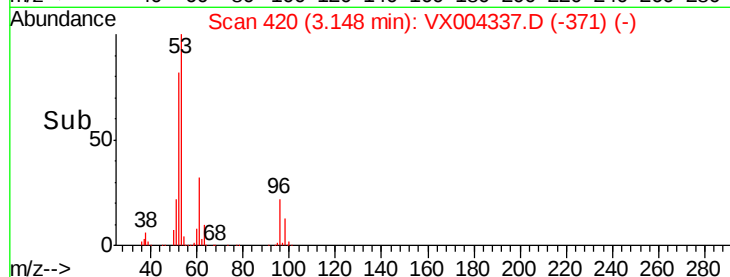
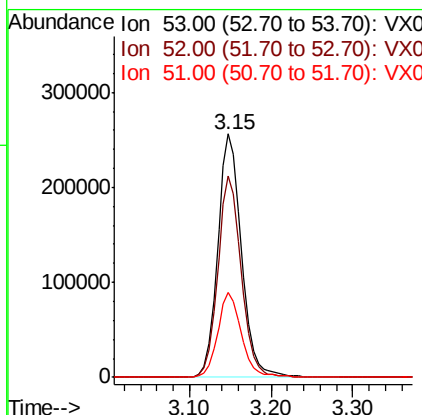
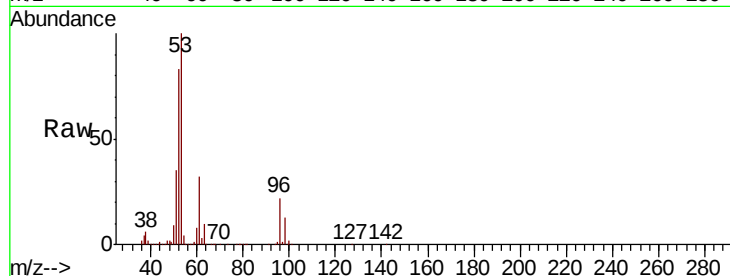
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	514656
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.2	97.8
51	35.1	28.2	42.2

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#16

Acetone

Concen: 258.36 ug/l

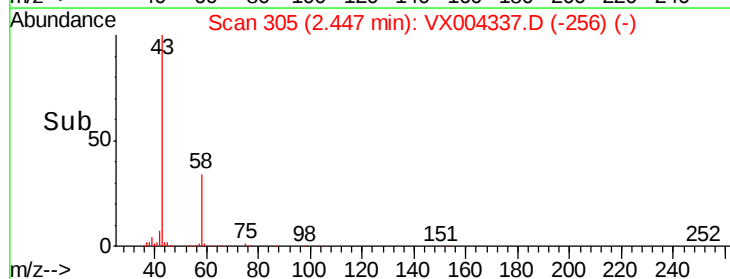
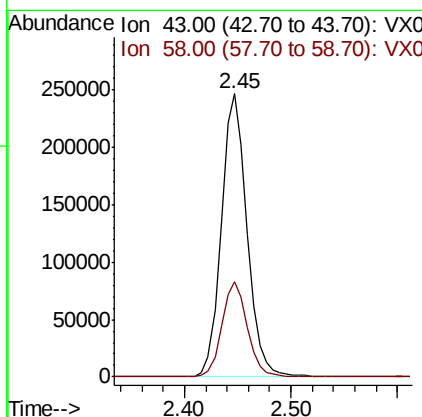
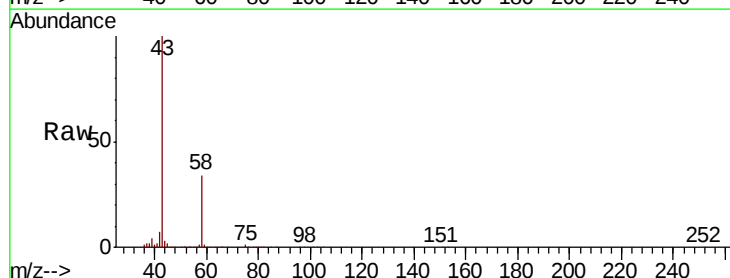
RT: 2.45 min Scan# 305

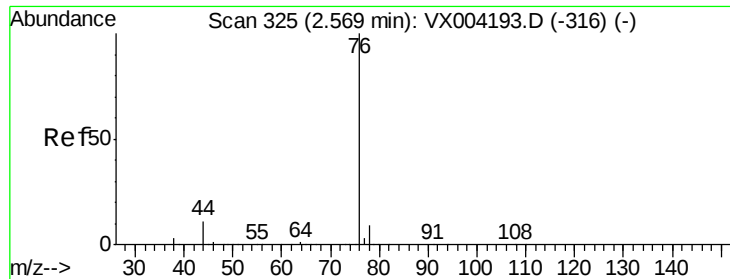
Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Tgt Ion:	43	Resp:	412389
Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.2	39.4





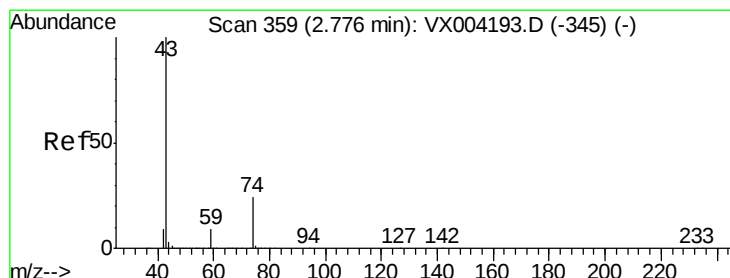
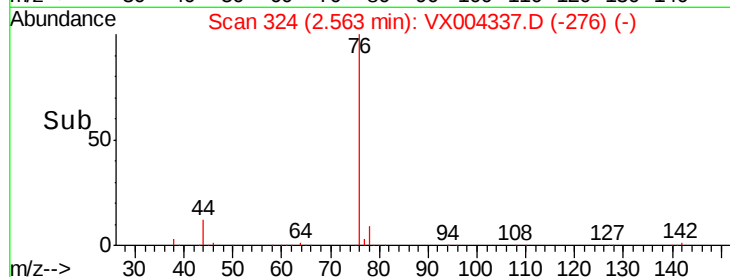
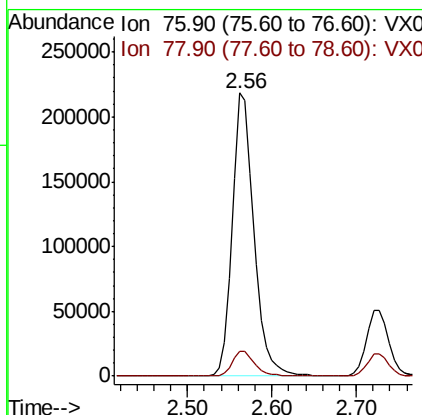
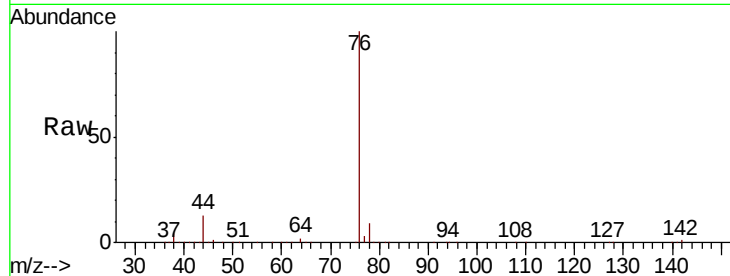
#17
Carbon Disulfide
Concen: 43.12 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

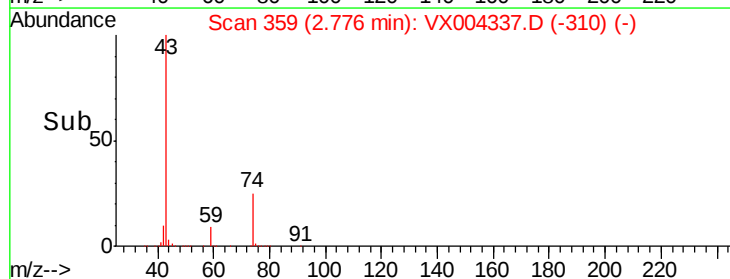
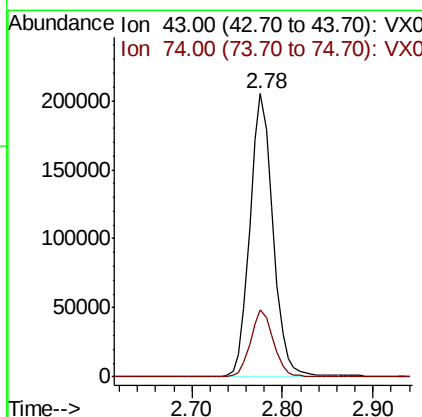
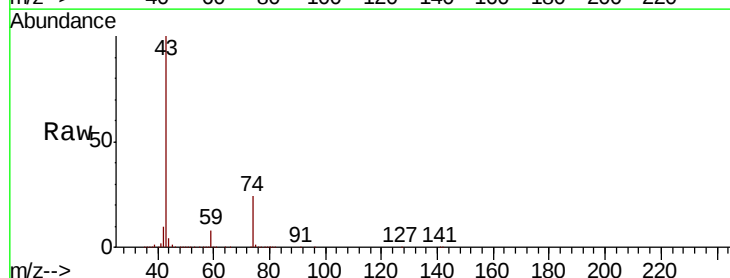
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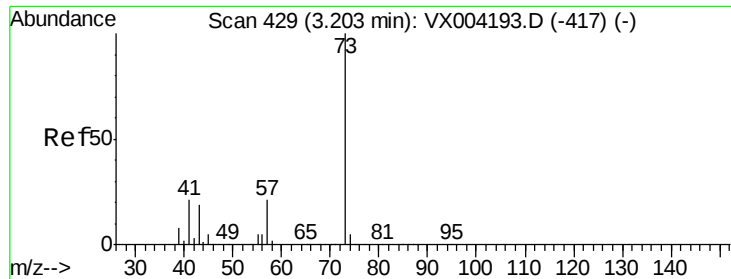
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#18
Methyl Acetate
Concen: 62.20 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.4	29.2





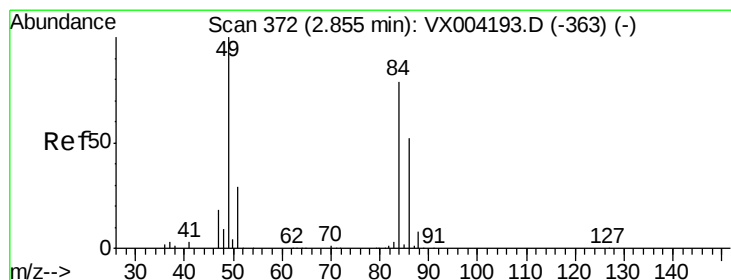
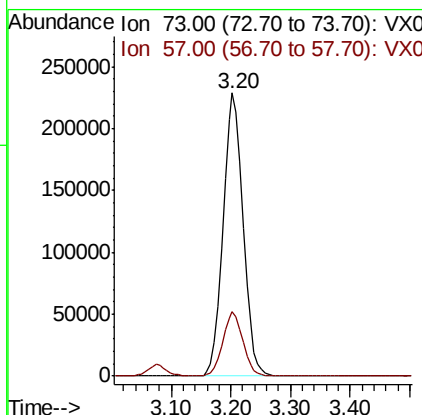
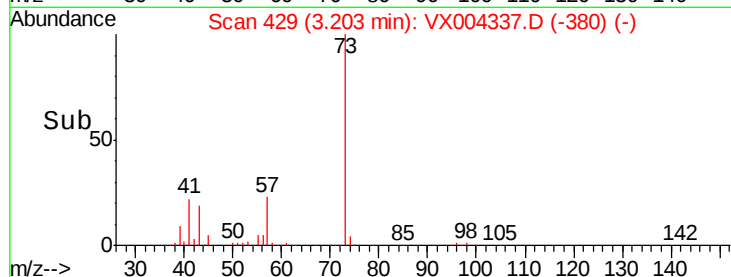
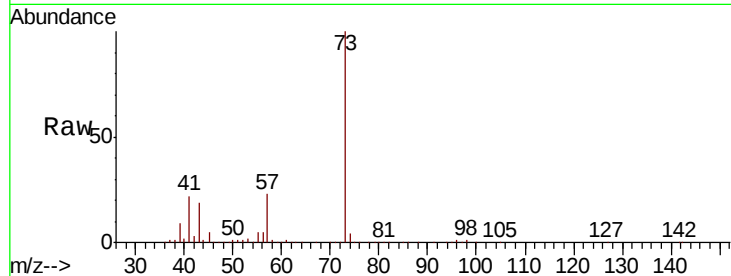
#19
Methyl tert-butyl Ether
Concen: 50.85 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	17.1	25.7

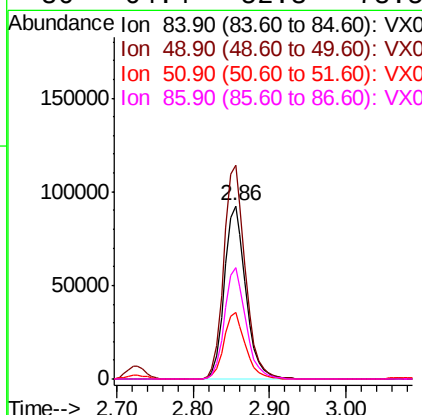
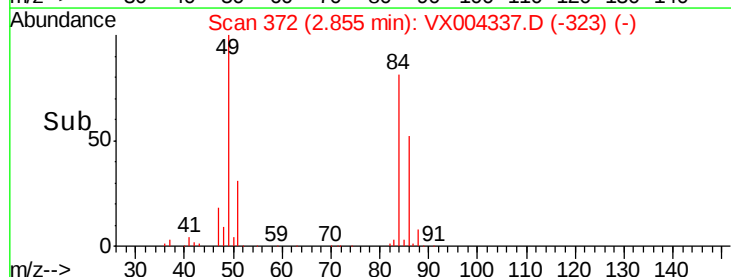
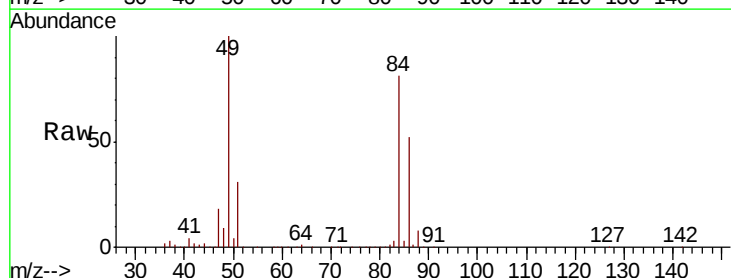
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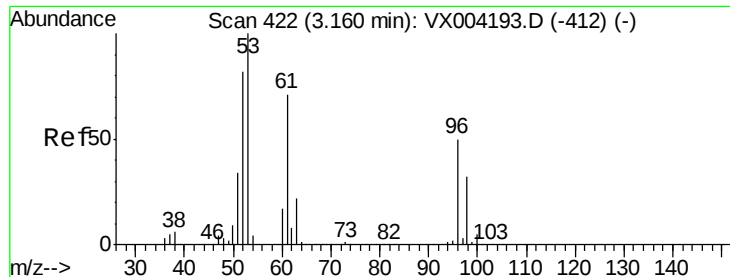
MMDadoda
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#20
Methylene Chloride
Concen: 47.20 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.4	101.2	151.8
51	38.1	29.5	44.3
86	64.4	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 45.97 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

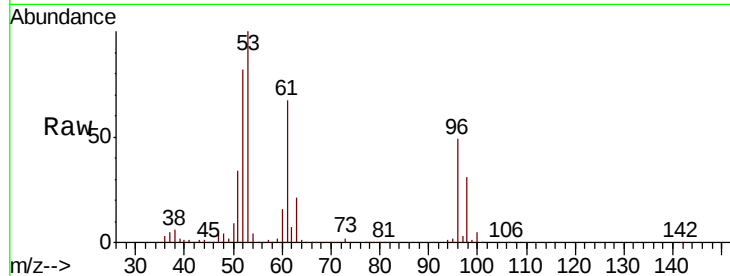
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	161892
Ion	Ratio	Lower	Upper
96	100		
61	138.1	113.8	170.6
98	63.4	51.8	77.8

Manual Integrations
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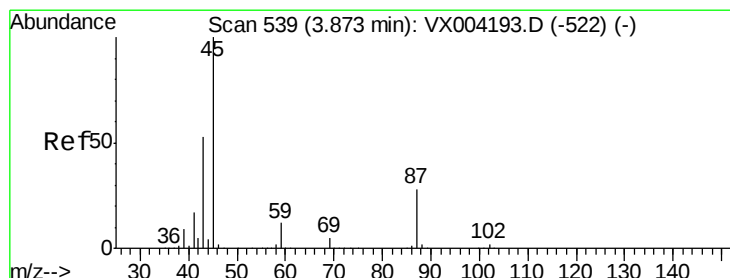
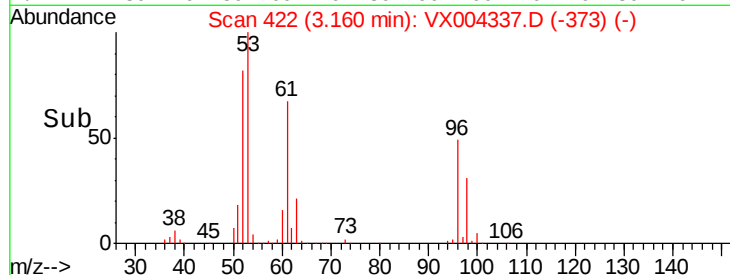
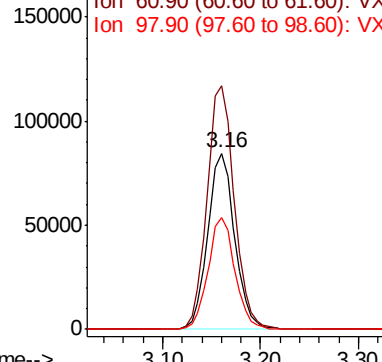


Abundance

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: 50.95 ug/l

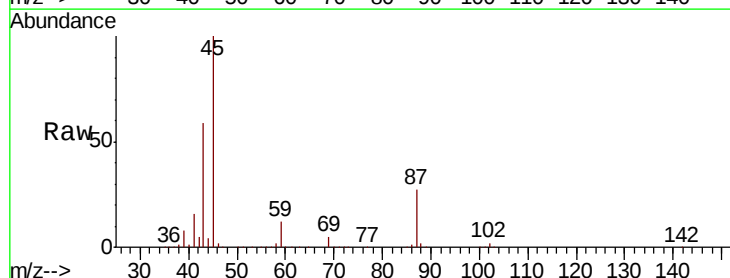
RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Tgt Ion:	45	Resp:	556101
Ion	Ratio	Lower	Upper
45	100		
43	58.6	42.8	64.2
87	26.9	22.6	34.0
59	11.9	9.6	14.4



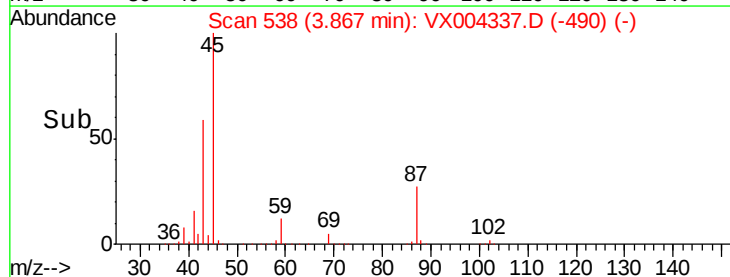
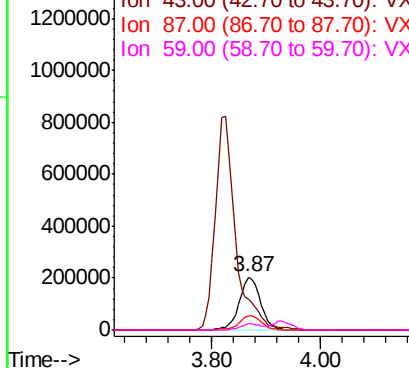
Abundance

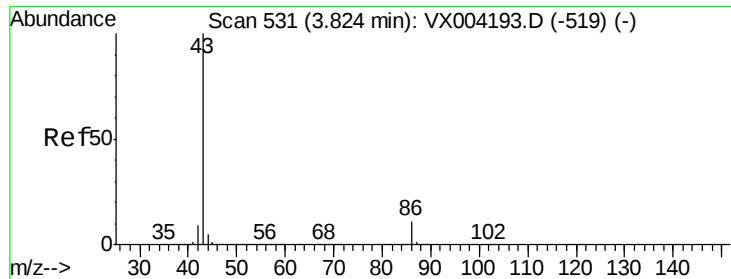
Ion 45.00 (44.70 to 45.70): VX0

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





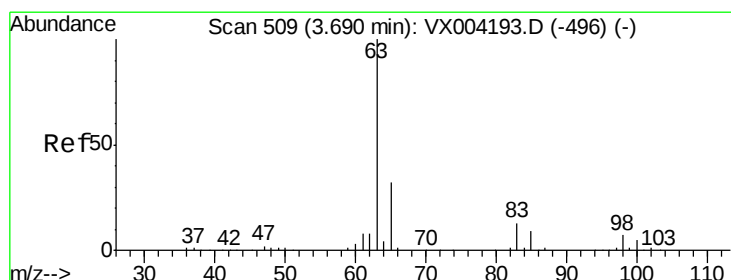
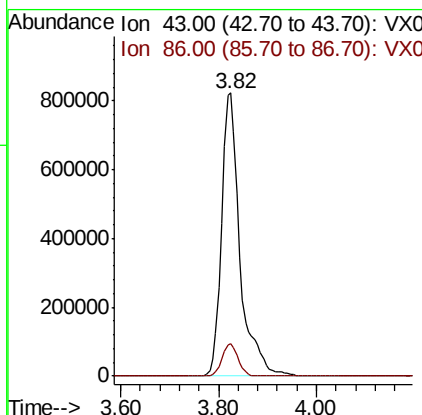
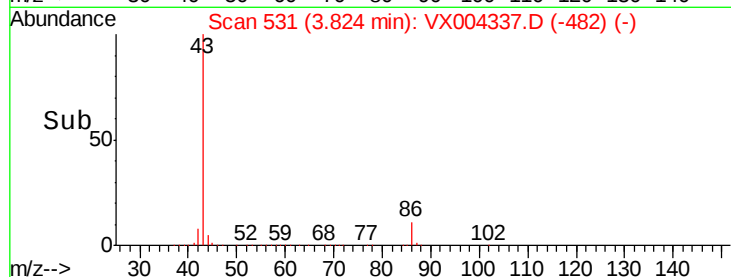
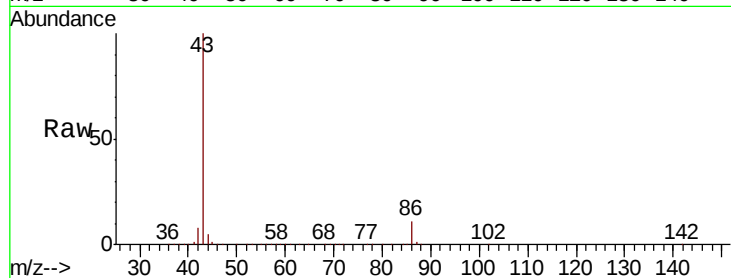
#23
 Vinyl Acetate
 Concen: 243.27 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2151856
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.9 13.3

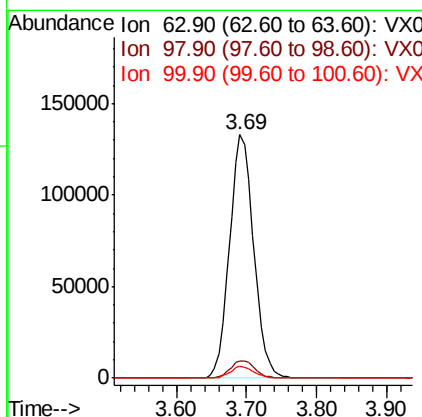
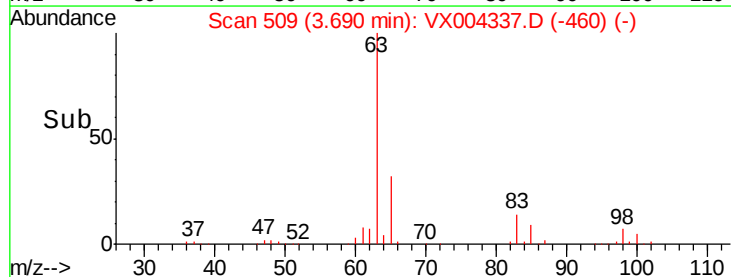
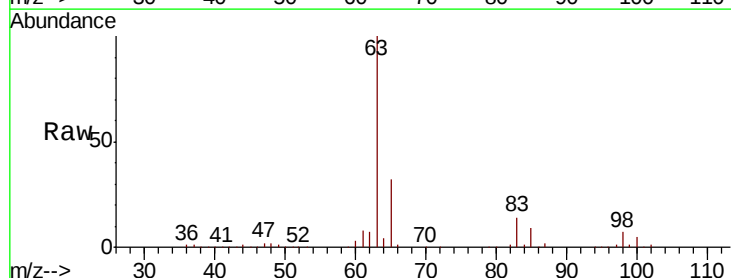
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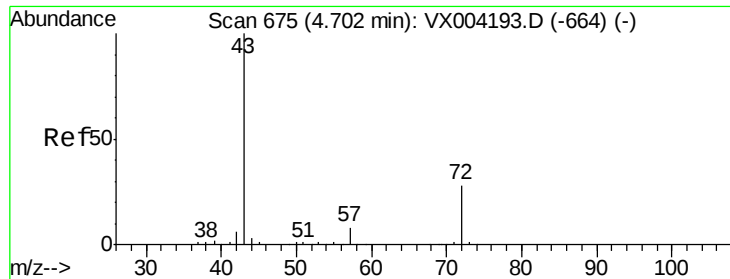
MMDadoda
 9/4/2018 12:11:05 PM



#24
 1,1-Dichloroethane
 Concen: 50.10 ug/l
 RT: 3.69 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Tgt Ion: 63 Resp: 318640
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 259.25 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 679688

Ion Ratio Lower Upper

43 100

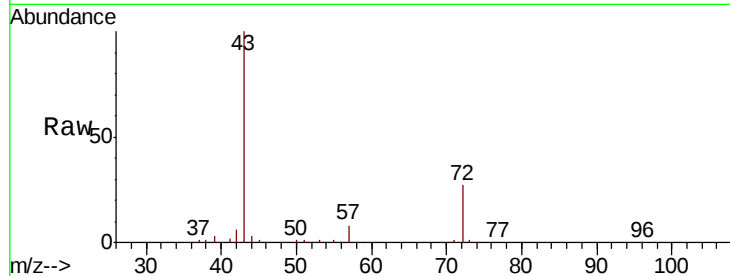
72 26.8 22.0 33.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

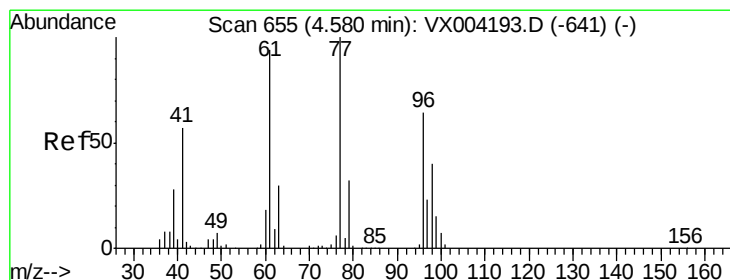
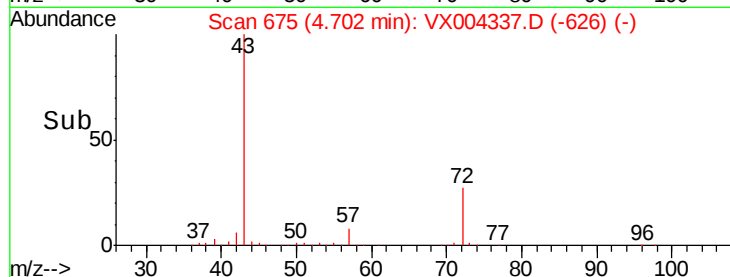
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.85 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX004337.D

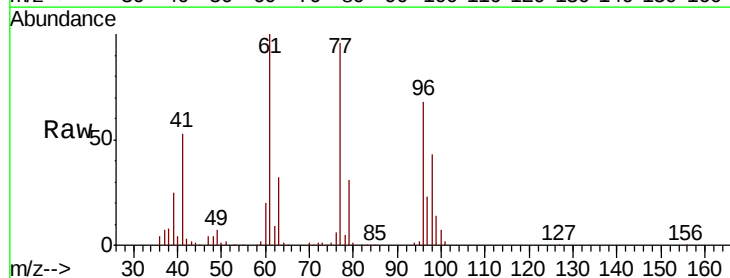
Acq: 31 Aug 2018 20:07

Tgt Ion: 77 Resp: 228730

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

40000

20000

0

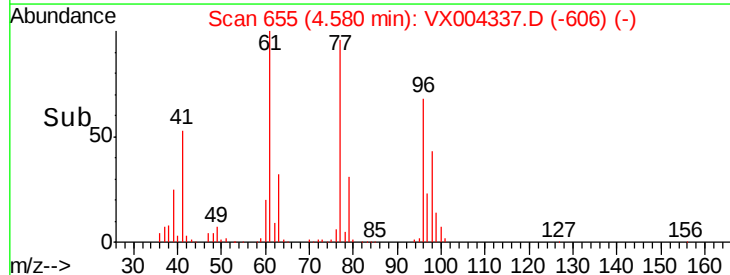
4.40

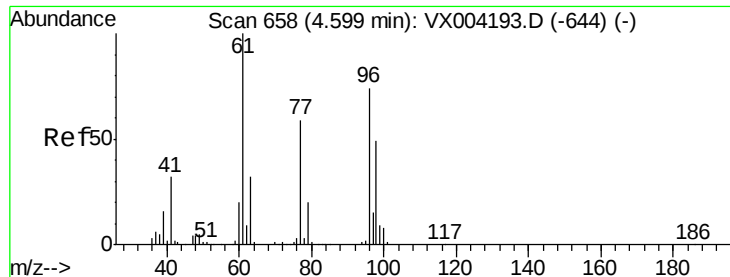
4.50

4.60

4.70

Time-->





#27

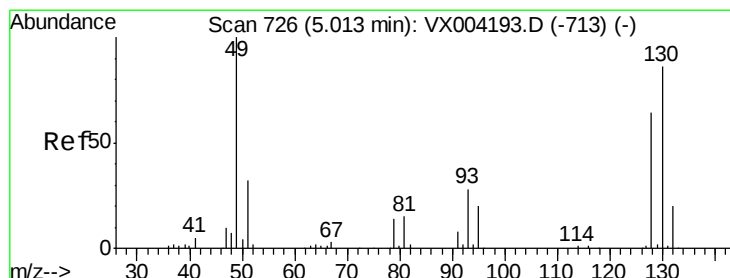
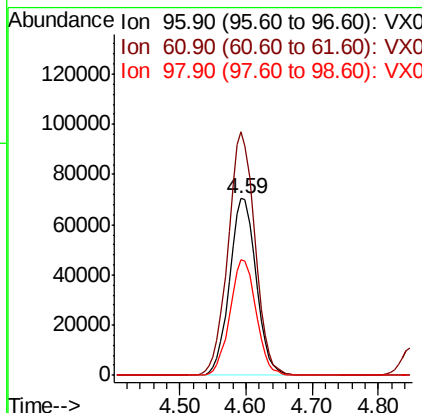
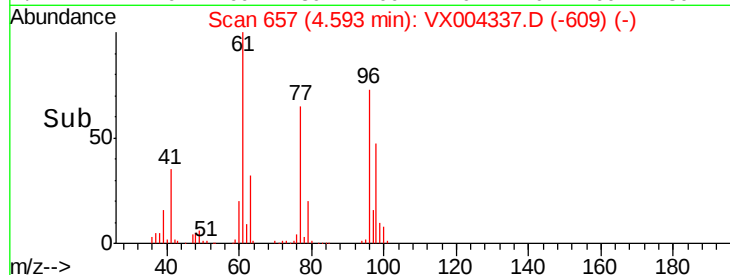
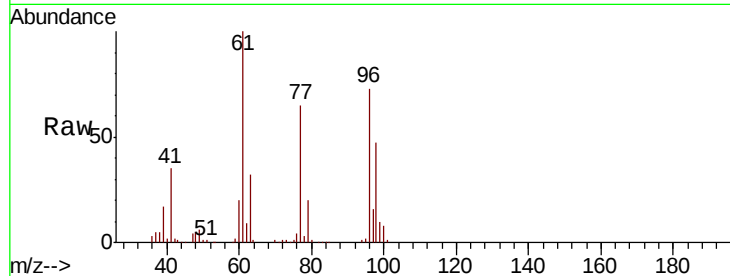
cis-1,2-Dichloroethene
Concen: 49.21 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	196543		
61	139.3	0.0	282.6	
98	64.2	0.0	130.2	

Manual Integrations
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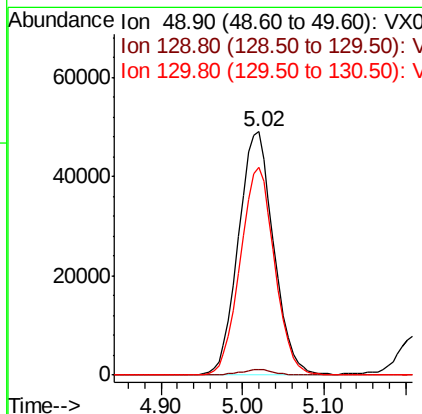
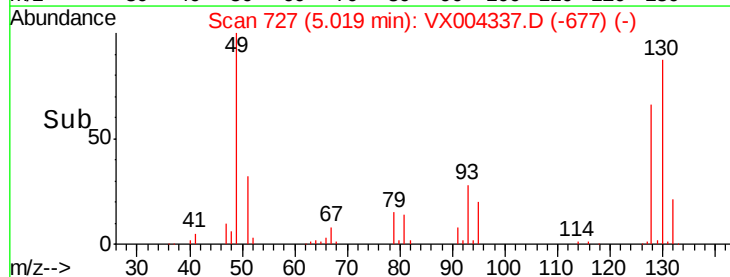
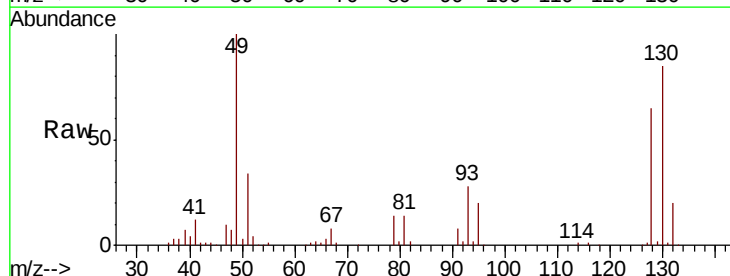
MMDadoda
9/4/2018 12:11:05 PM

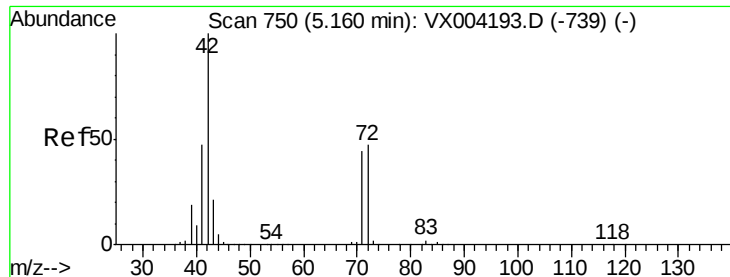


#28

Bromochloromethane
Concen: 52.32 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	147322		
129	2.1	0.0	4.2	
130	83.3	67.5	101.3	





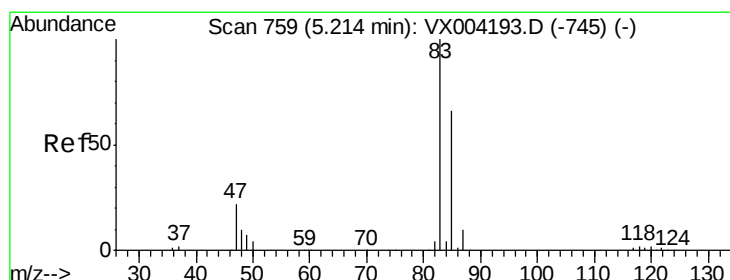
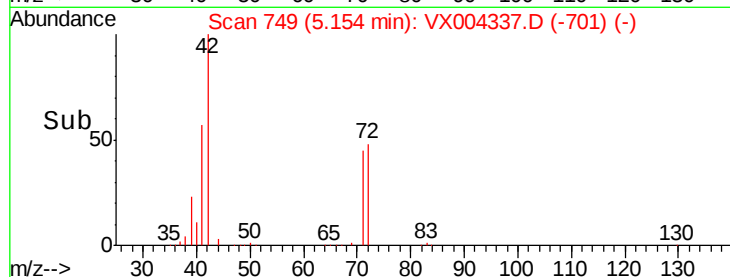
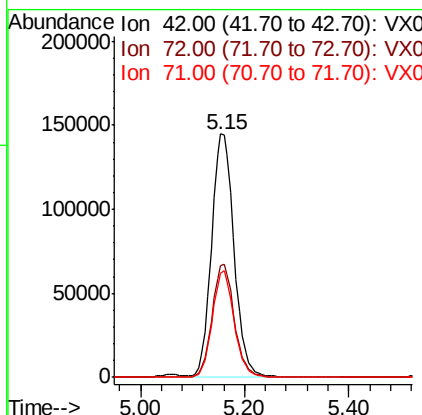
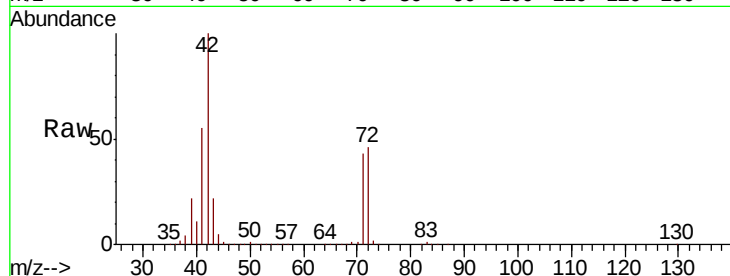
#29
Tetrahydrofuran
Concen: 258.88 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	435366
Ion	Ratio	Lower	Upper
42	100		
72	46.0	37.4	56.0
71	42.6	34.5	51.7

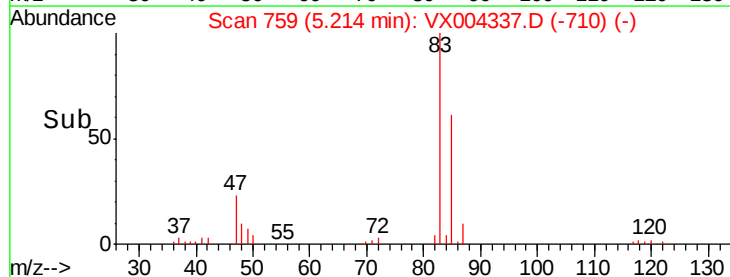
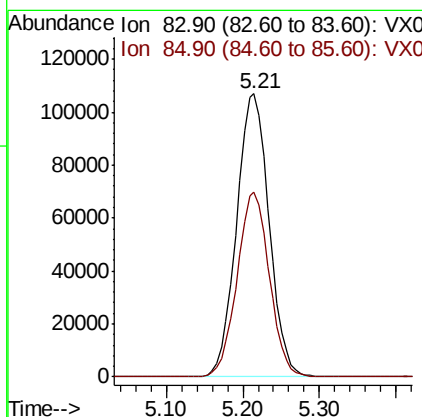
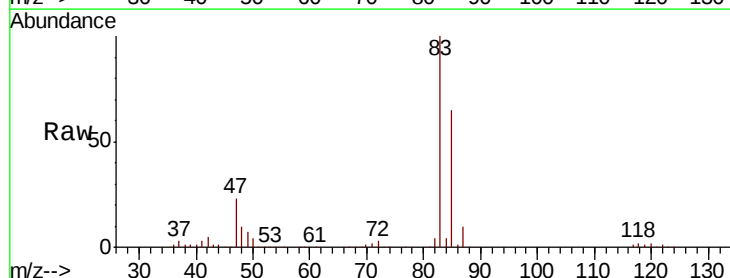
Manual Integrations
APPROVED

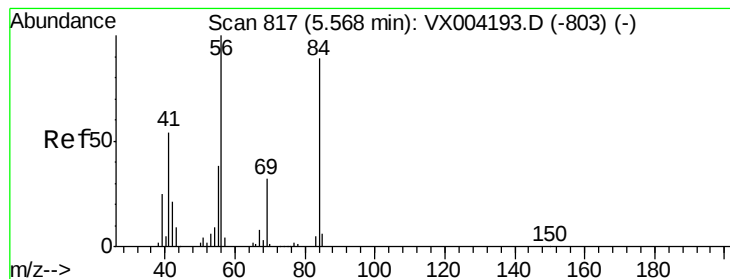
MMDadoda
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#30
Chloroform
Concen: 49.51 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Tgt Ion:	83	Resp:	315715
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.6	79.0





#31

Cyclohexane

Concen: 48.53 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 266312

Ion Ratio Lower Upper

56 100

69 30.8 25.4 38.2

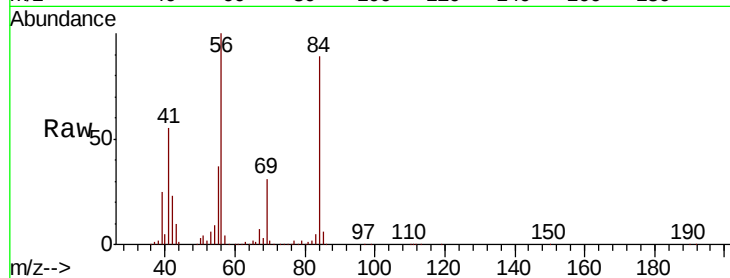
84 88.0 71.4 107.2

Manual Integrations

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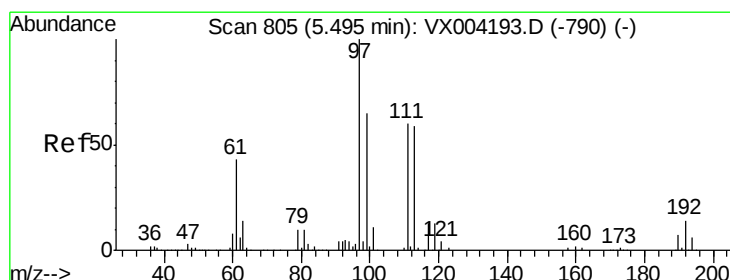
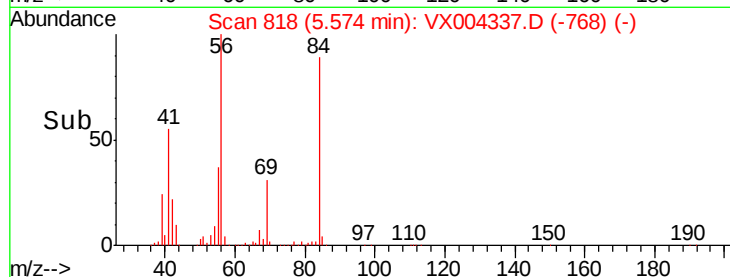
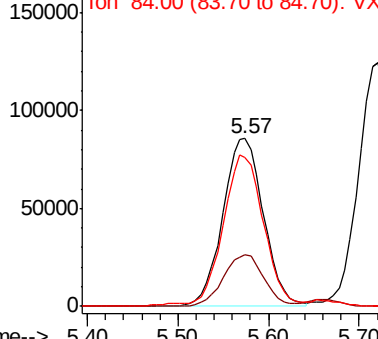


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.89 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

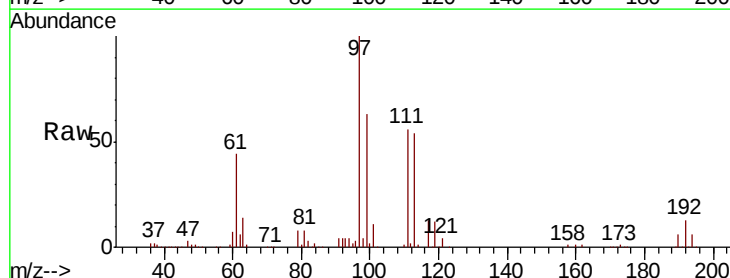
Tgt Ion: 97 Resp: 265282

Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

61 43.8 34.9 52.3

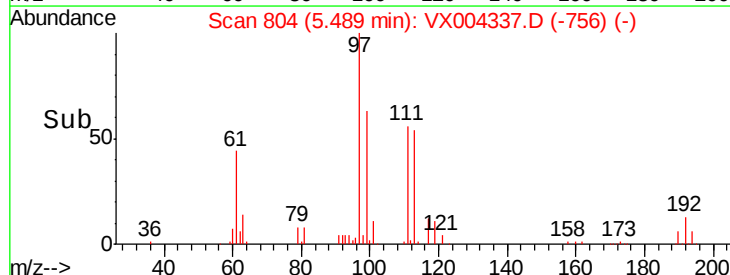
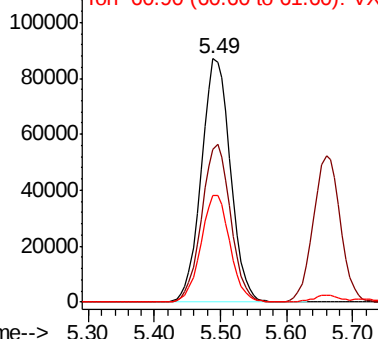


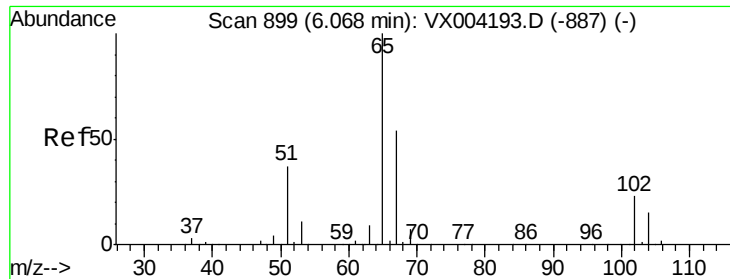
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





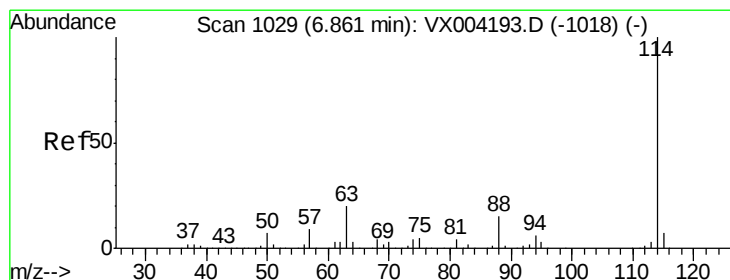
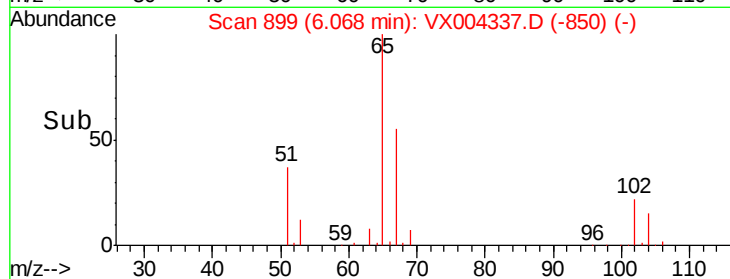
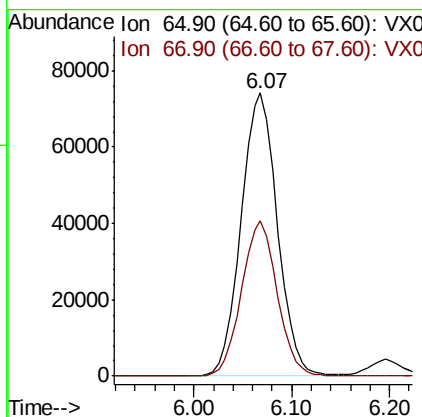
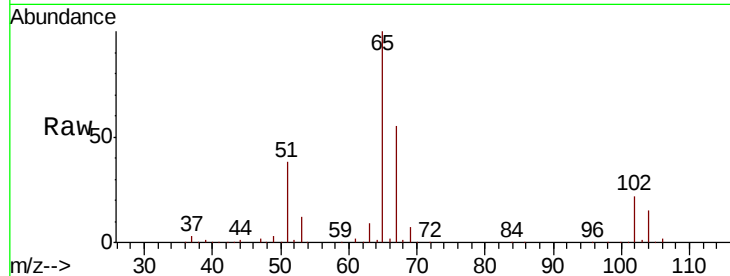
#33
 1,2-Dichloroethane-d4
 Concen: 48.71 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.8

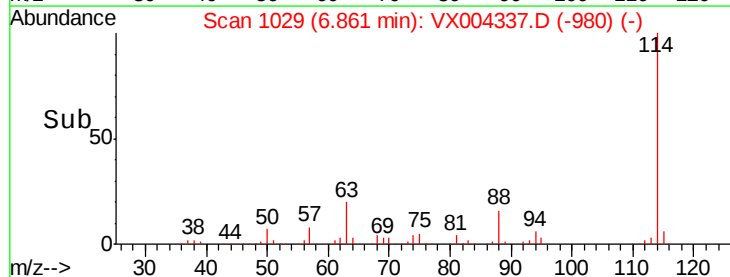
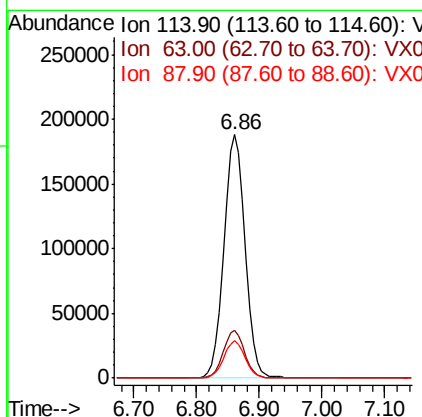
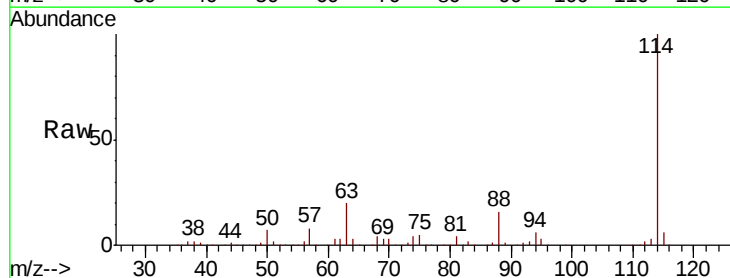
Manual Integrations
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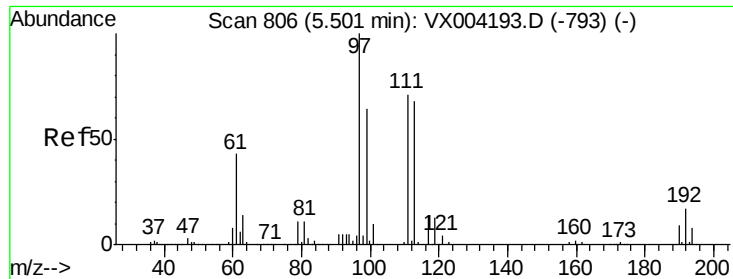
MMDadoda
 9/4/2018 12:11:05 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	15.6	0.0	30.4





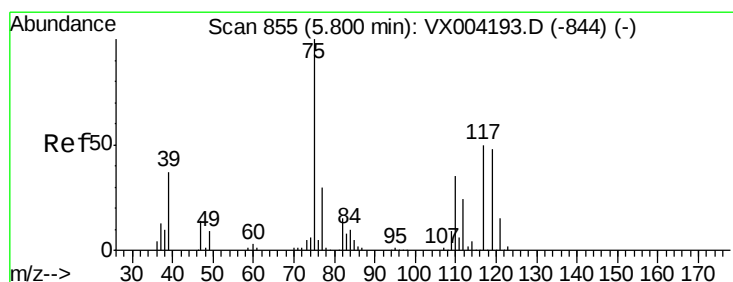
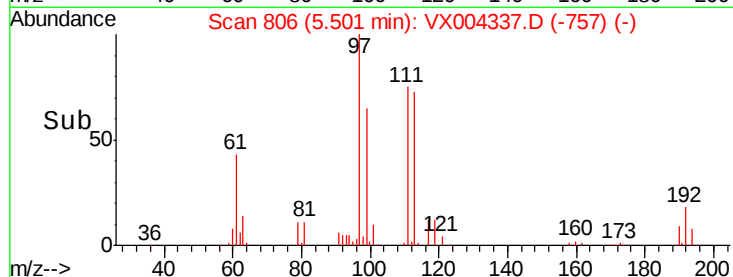
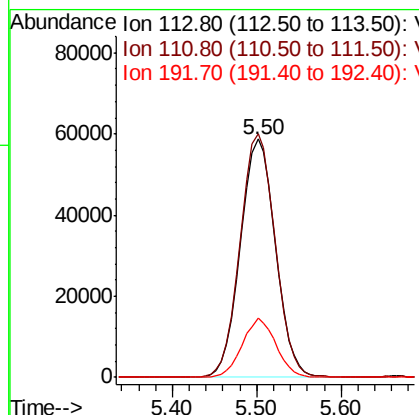
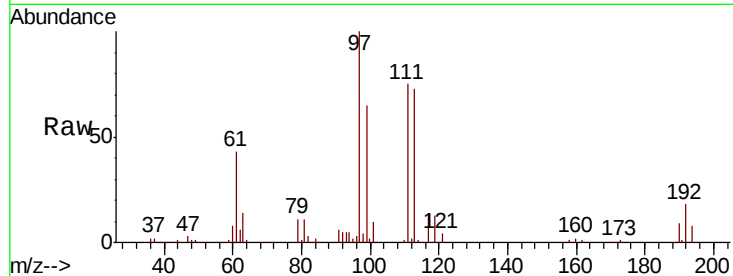
#35
 Dibromofluoromethane
 Concen: 50.72 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	165394		
111	102.1	82.4	123.6	
192	23.8	19.4	29.2	

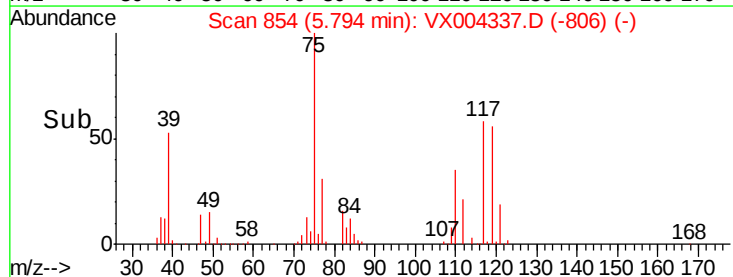
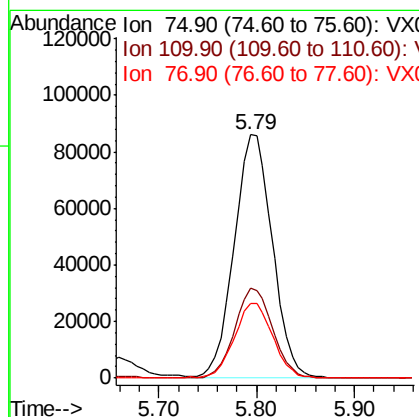
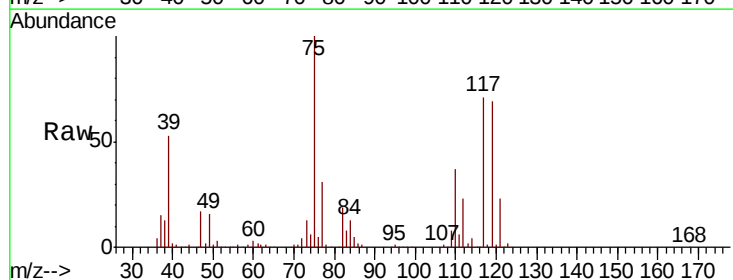
Manual Integrations
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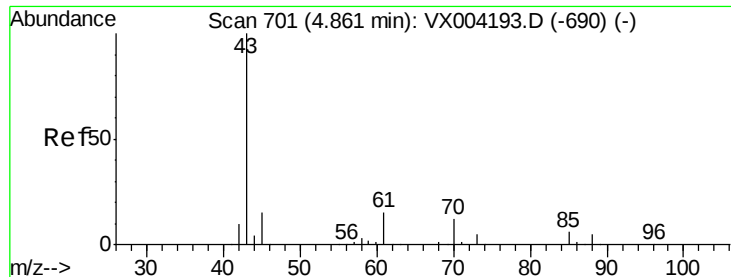
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#36
 1,1-Dichloropropene
 Concen: 47.22 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	232658		
110	36.8	18.0	54.0	
77	31.1	24.6	36.8	





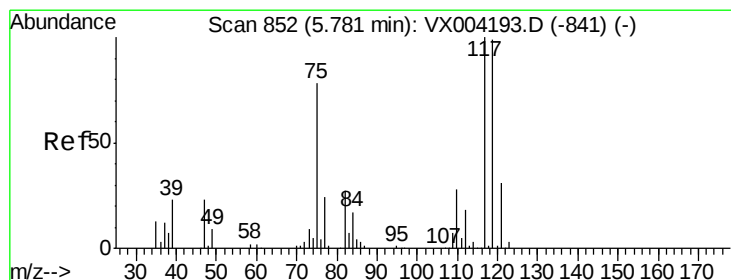
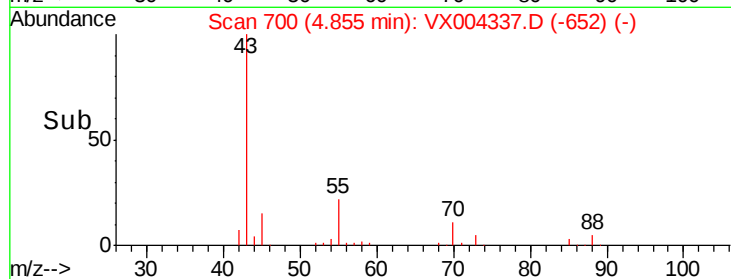
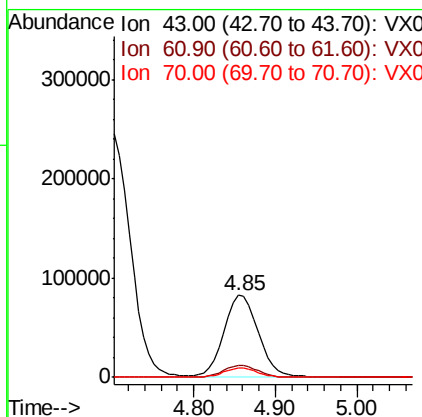
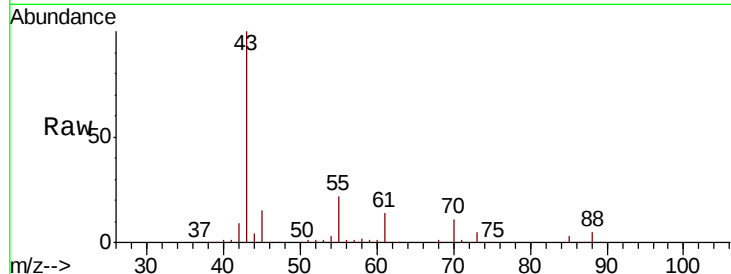
#37
Ethyl Acetate
Concen: 49.62 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.5	17.3
70	11.3	9.0	13.6

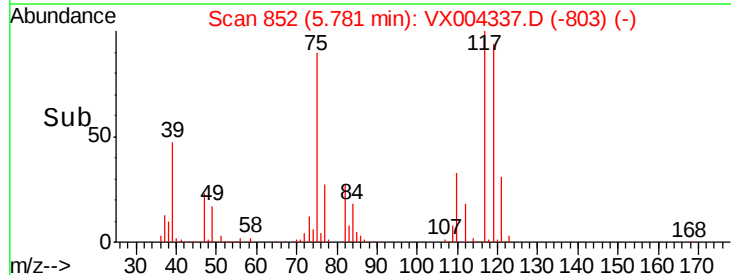
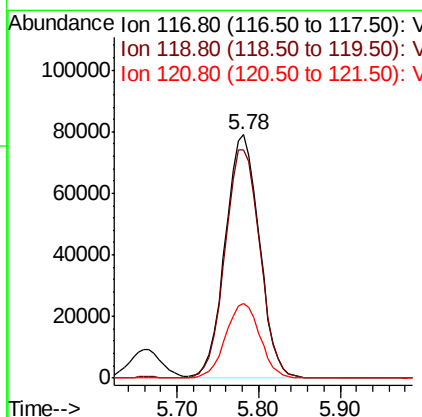
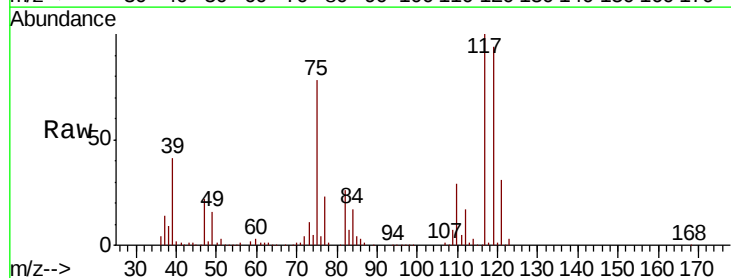
Manual Integrations
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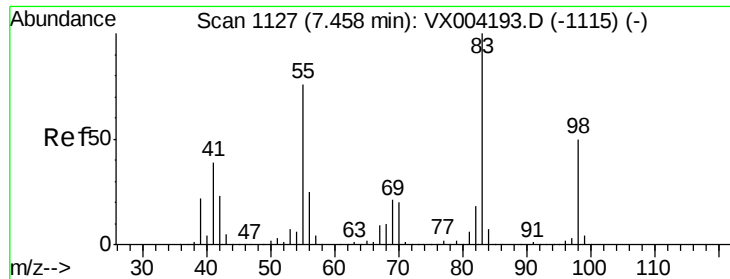
MMDadoda
9/4/2018 12:11:05 PM



#38
Carbon Tetrachloride
Concen: 49.22 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	78.8	118.2
121	30.7	24.9	37.3





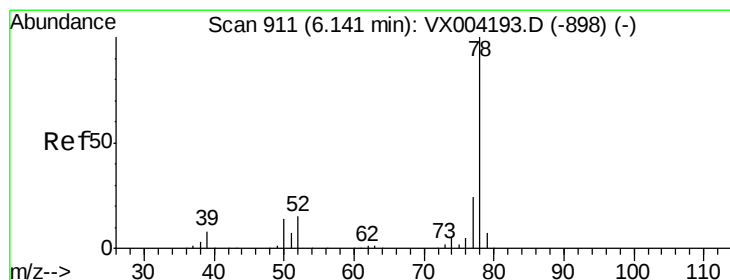
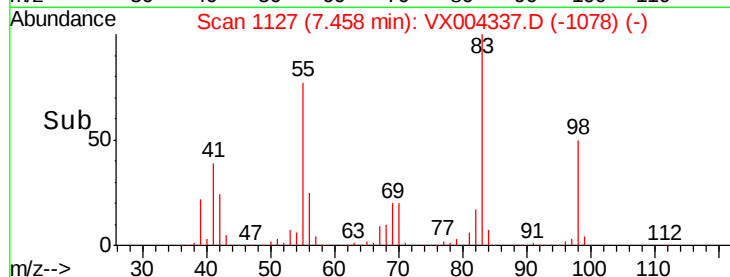
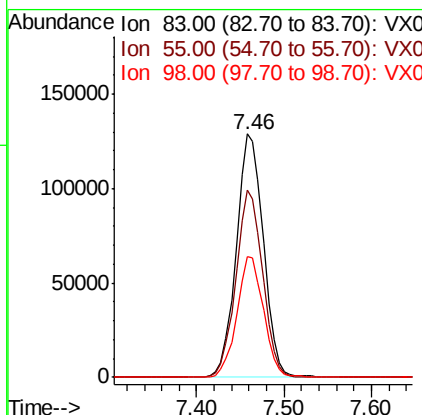
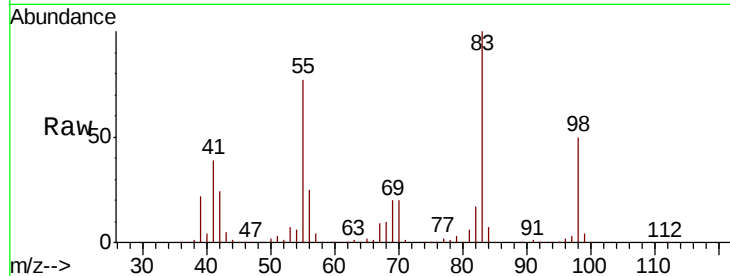
#39
Methvlcvclohexane
Concen: 49.30 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	61.0	91.4
98	49.8	39.6	59.4

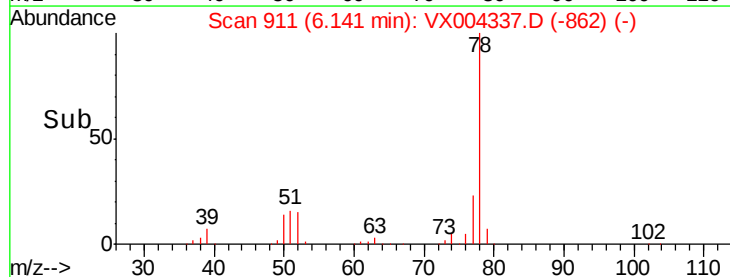
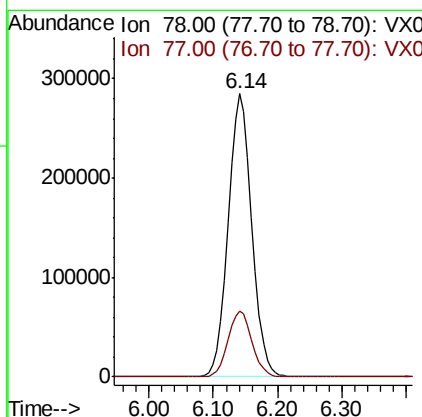
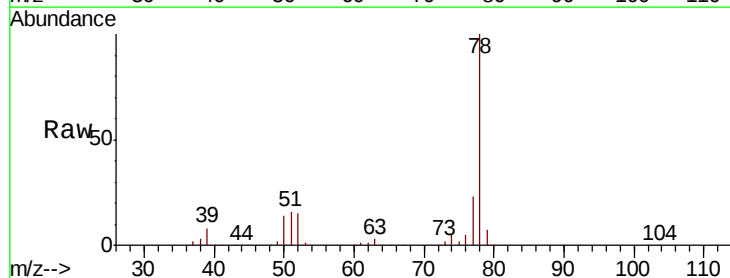
Manual Integrations
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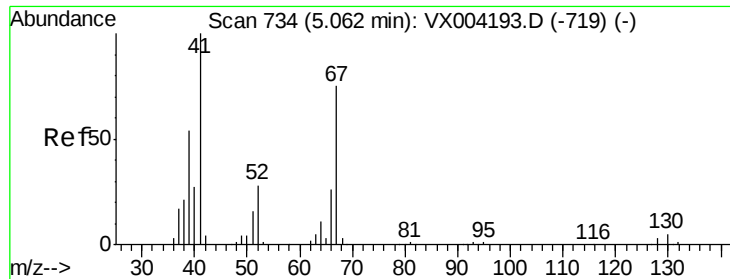
MMDadoda
9/4/2018 12:11:05 PM



#40
Benzene
Concen: 49.67 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





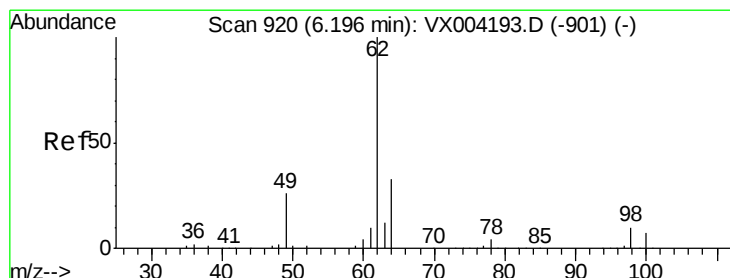
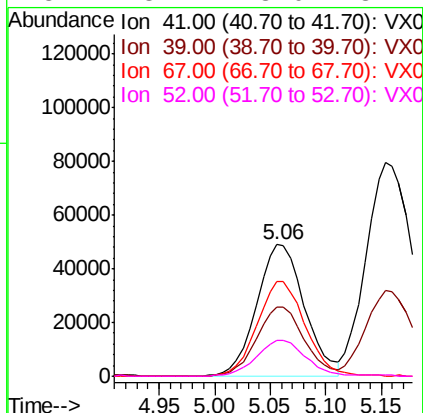
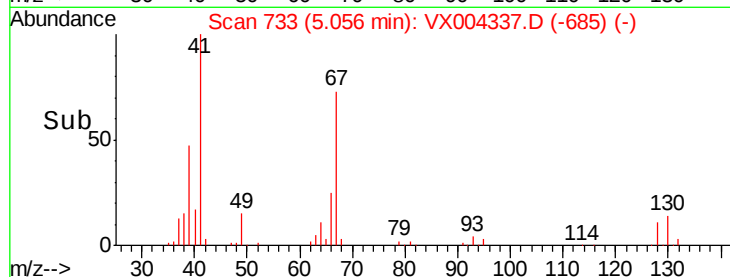
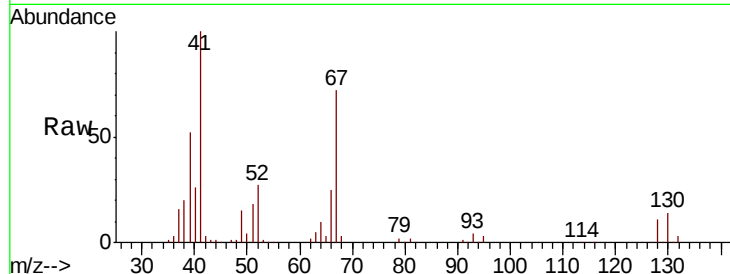
#41
Methacrylonitrile
Concen: 52.11 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.2	42.4	63.6	
67	73.1	59.2	88.8	
52	28.1	23.0	34.4	

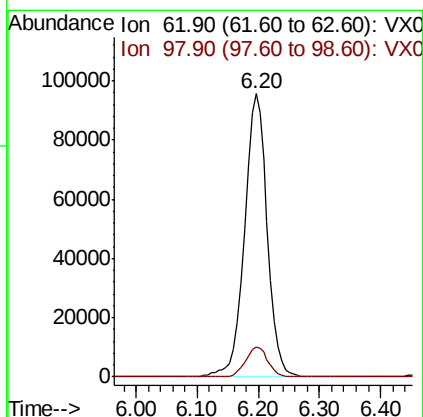
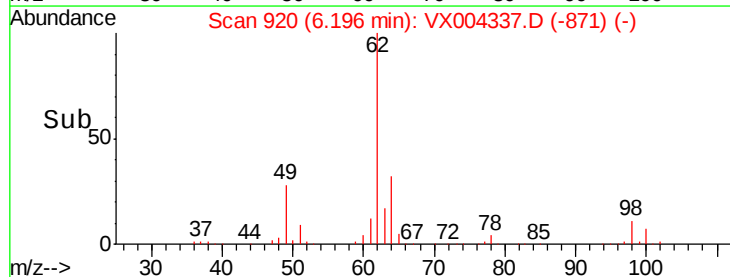
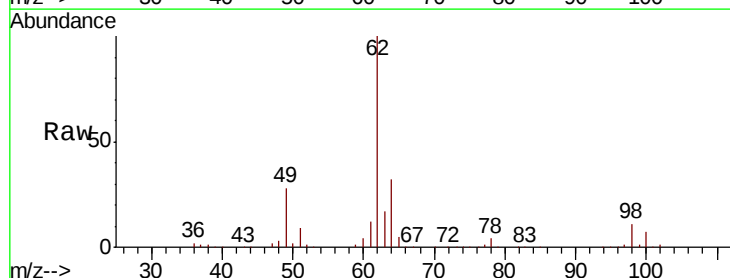
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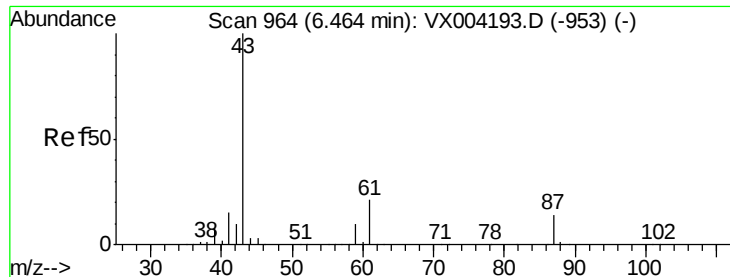
MMDadoda
9/4/2018 12:11:05 PM



#42
1,2-Dichloroethane
Concen: 48.87 ug/l
RT: 6.20 min Scan# 920
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

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





#43

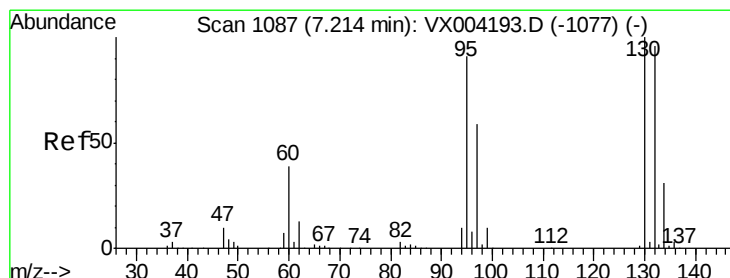
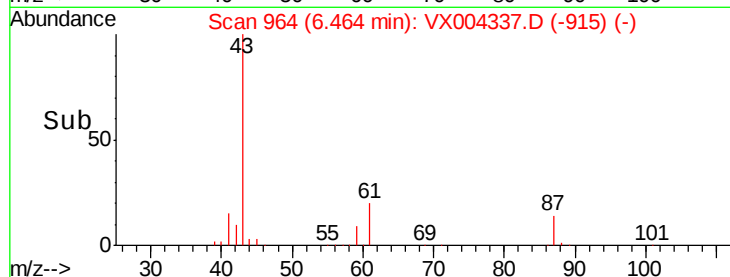
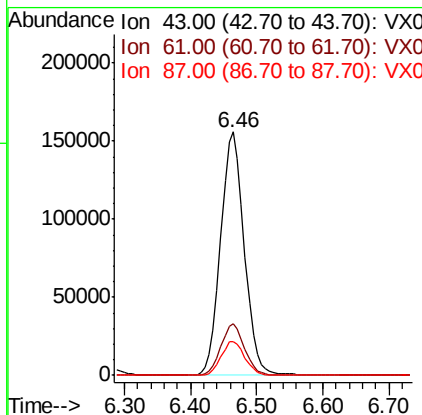
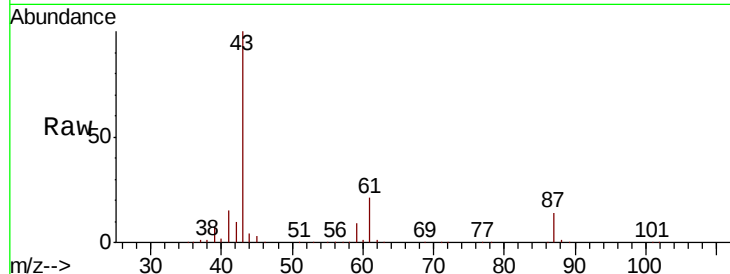
Isopropyl Acetate
 Concen: 51.68 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	17.0	25.4
87	14.0	11.4	17.2

Manual Integrations
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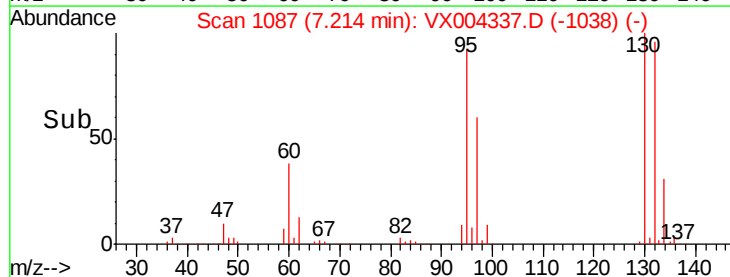
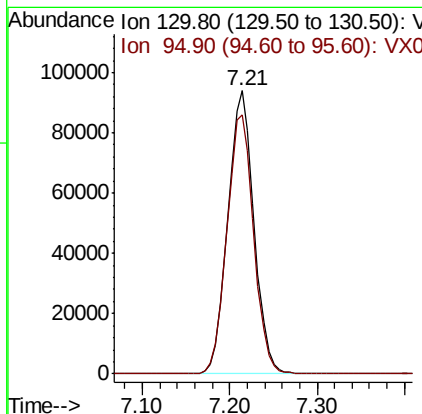
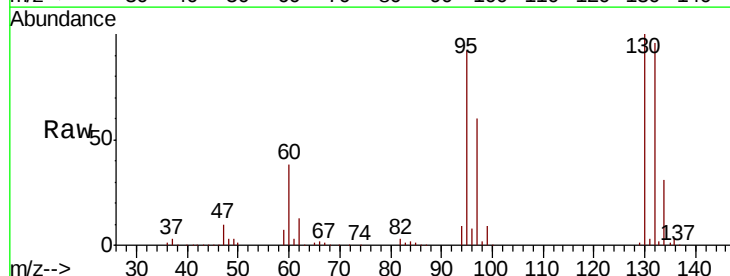
MMDadoda
 9/4/2018 12:11:05 PM

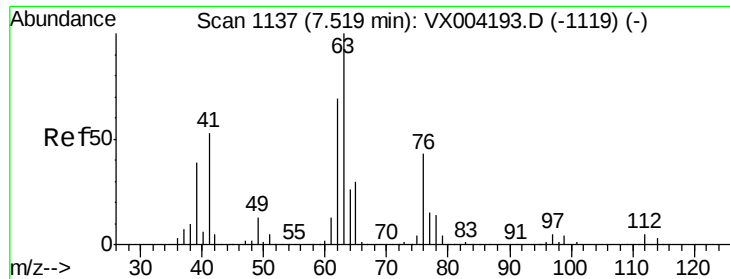


#44

Trichloroethene
 Concen: 47.90 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	181.6





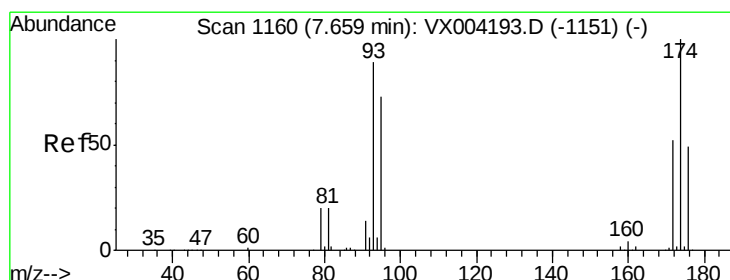
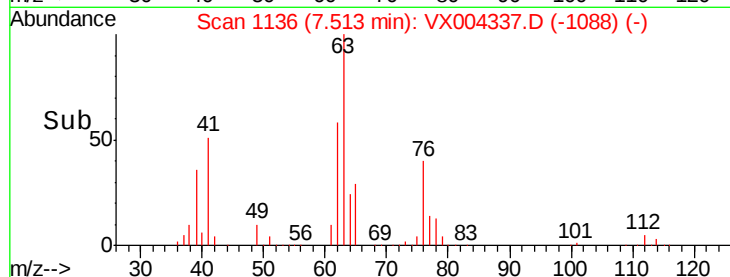
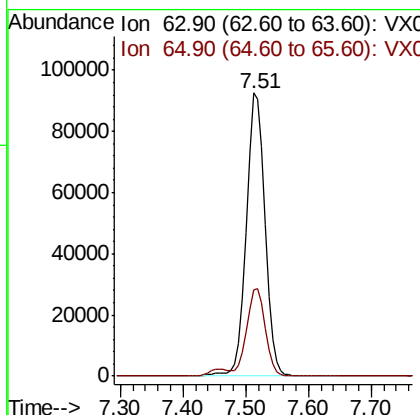
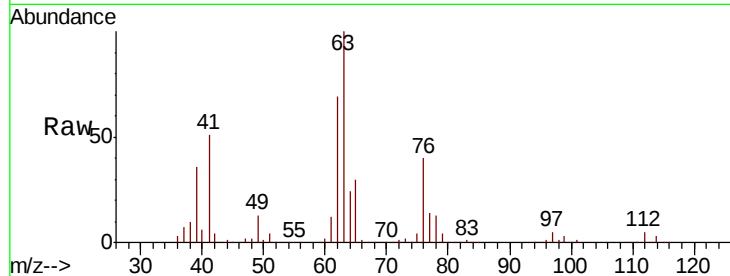
#45
 1,2-Dichloropropane
 Concen: 51.89 ug/l
 RT: 7.51 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.3	36.5

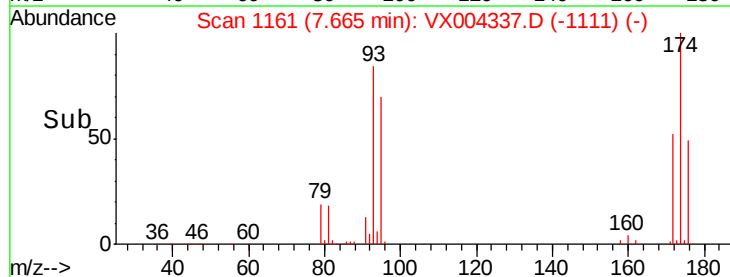
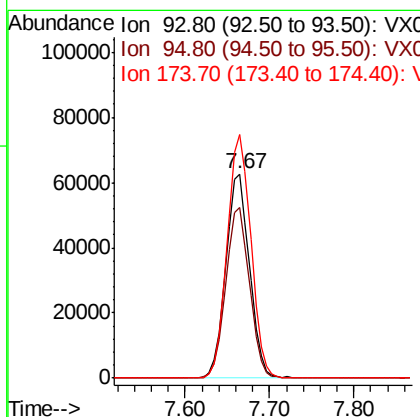
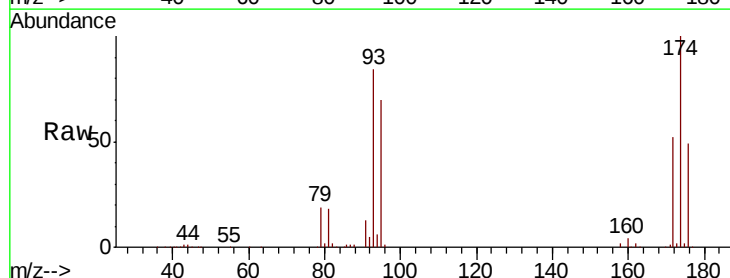
Manual Integrations
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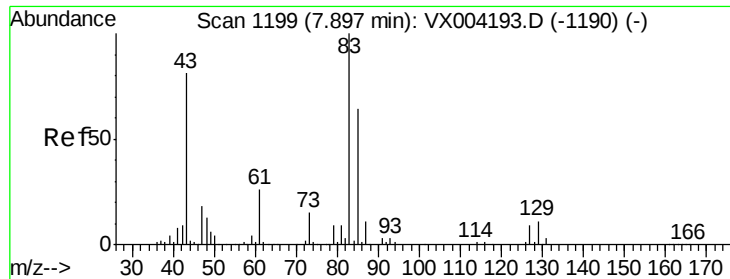
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 9/4/2018 12:11:05 PM



#46
 Dibromomethane
 Concen: 48.62 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.5	98.3
174	119.4	94.2	141.4





#47

Bromodichloromethane

Concen: 51.34 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

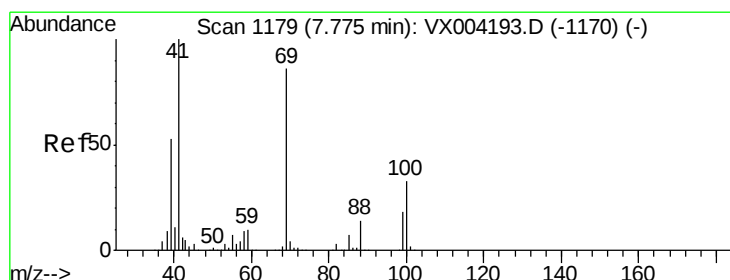
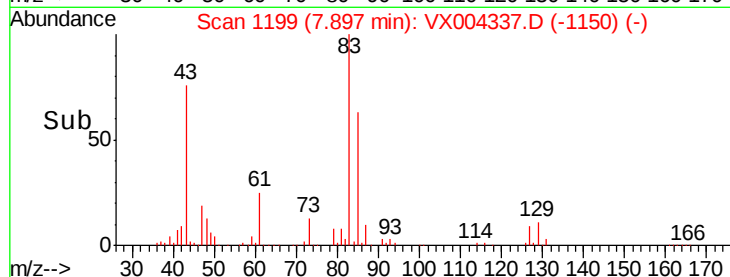
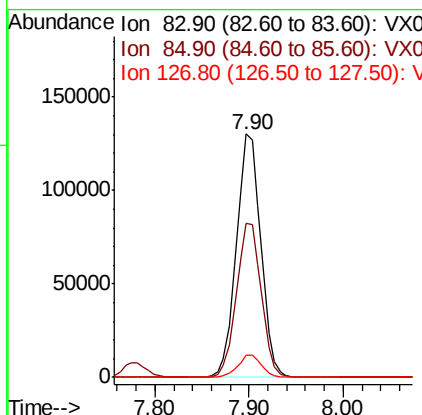
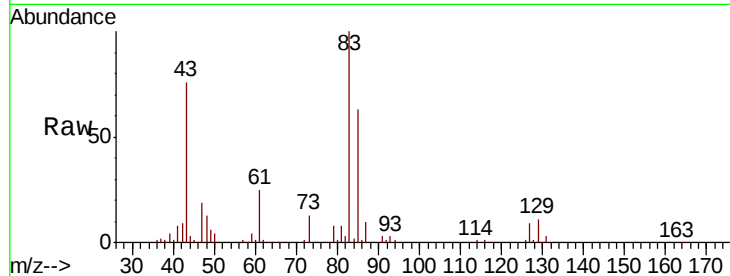
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	234414
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.9	76.3
127	8.9	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.39 ug/l

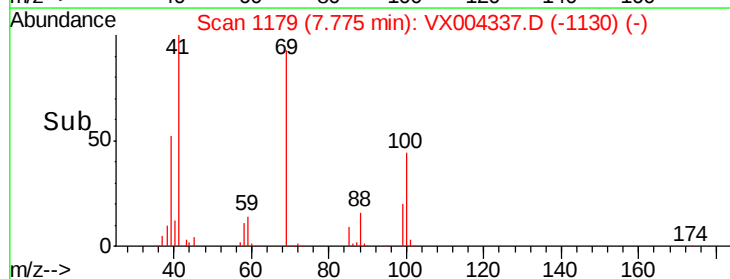
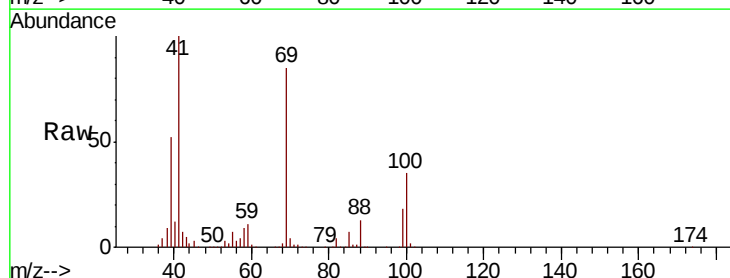
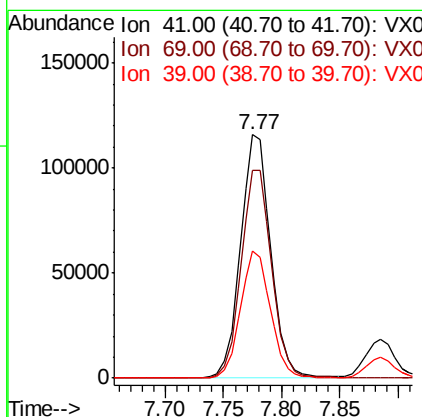
RT: 7.77 min Scan# 1179

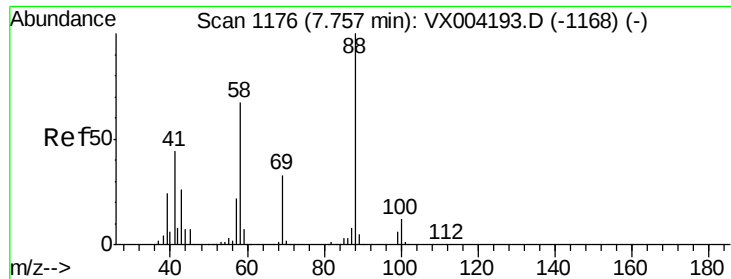
Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Tgt Ion:	41	Resp:	208743
Ion Ratio	Lower	Upper	
41	100		
69	87.5	70.2	105.4
39	52.2	42.7	64.1





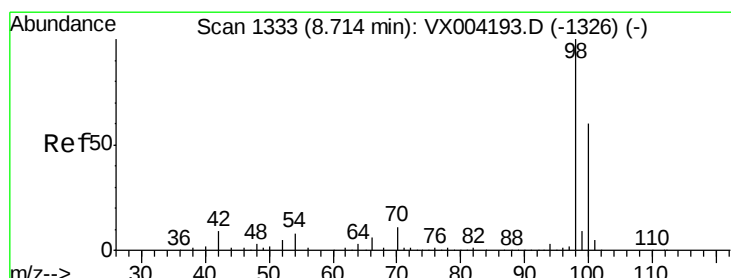
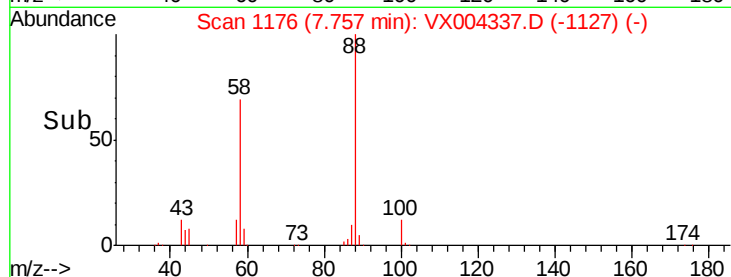
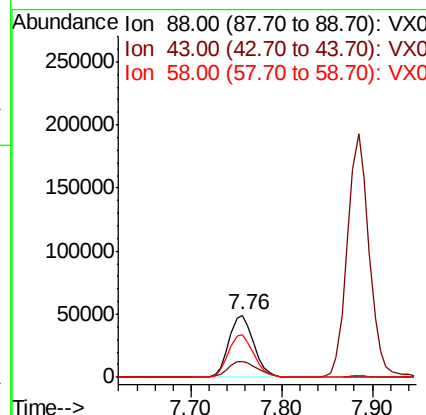
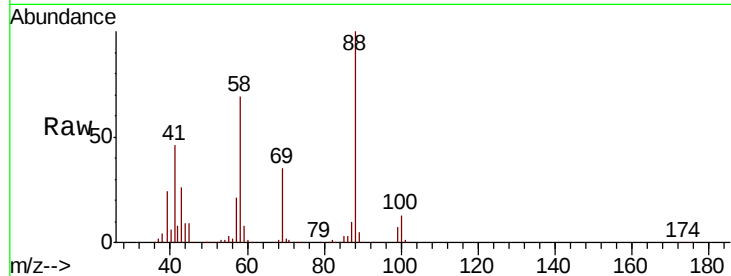
#49
 1,4-Dioxane
 Concen: 1049.12 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	94908
Ion Ratio	Lower	Upper	
88	100		
43	29.8	24.7	37.1
58	70.9	55.3	82.9

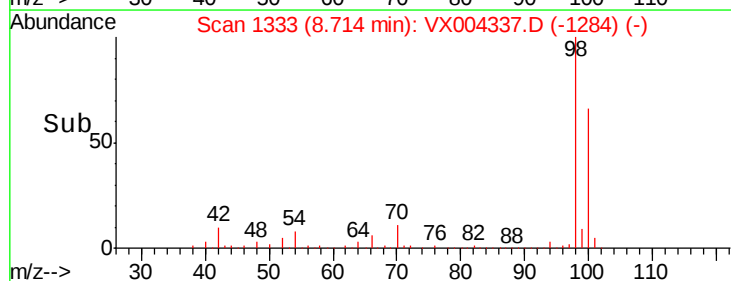
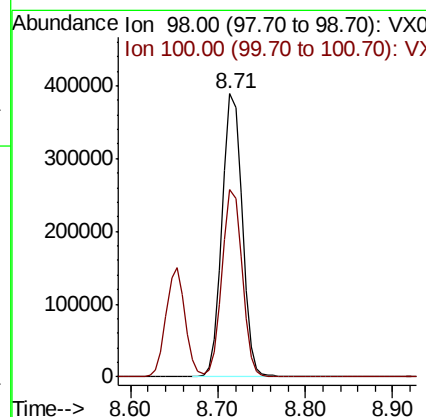
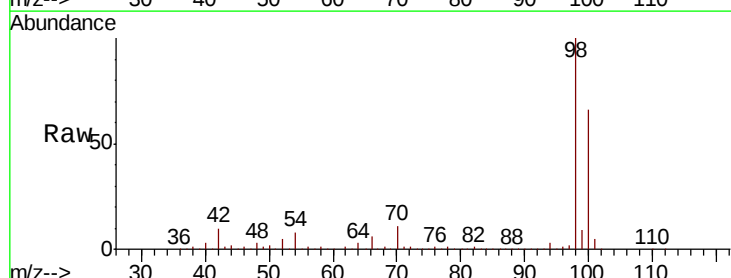
Manual Integrations
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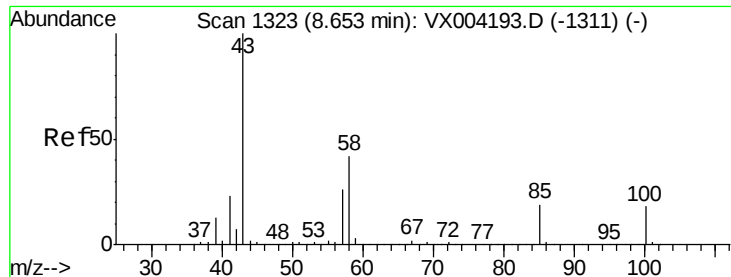
MMDadoda
 9/4/2018 12:11:05 PM



#50
 Toluene-d8
 Concen: 50.31 ug/l
 RT: 8.71 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Tgt Ion	98	Resp	619175
Ion Ratio	Lower	Upper	
98	100		
100	66.5	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 246.57 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1334054

Ion Ratio Lower Upper

43 100

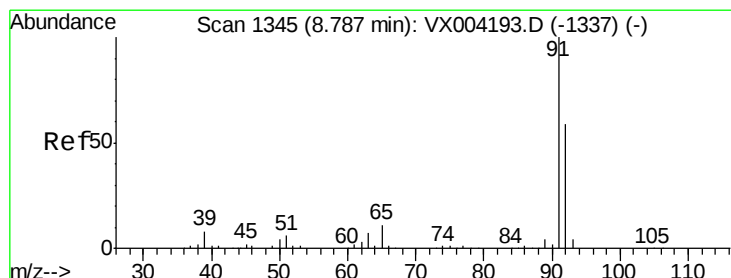
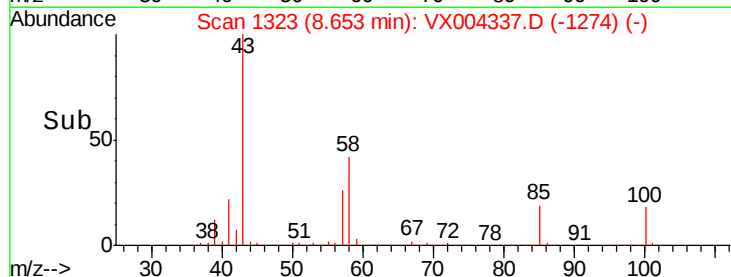
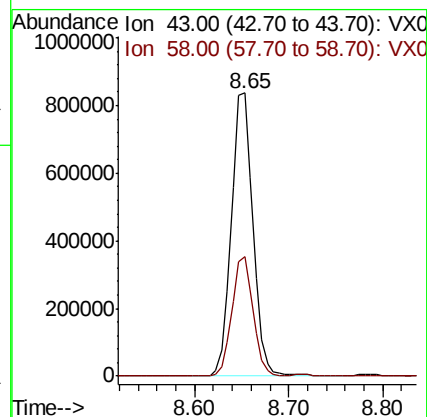
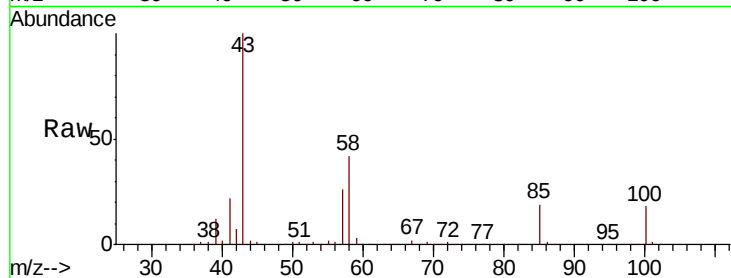
58 41.2 33.1 49.7

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#52

Toluene

Concen: 50.11 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX004337.D

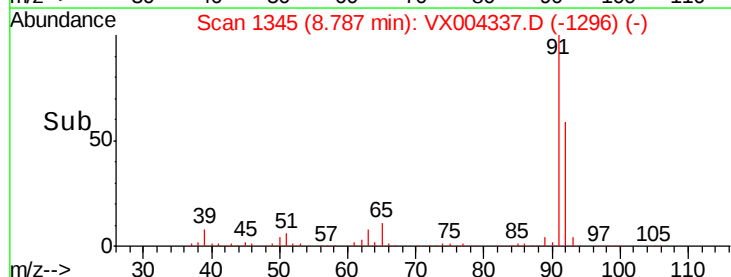
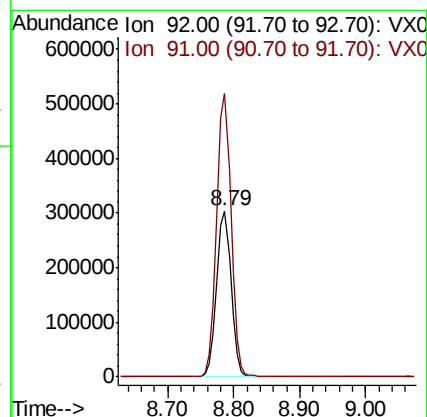
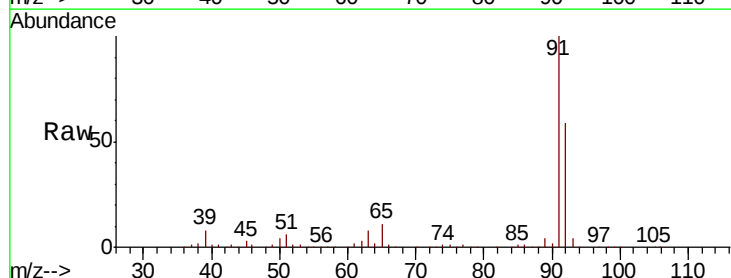
Acq: 31 Aug 2018 20:07

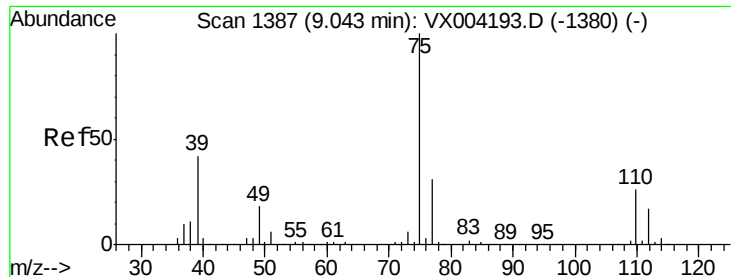
Tgt Ion: 92 Resp: 461880

Ion Ratio Lower Upper

92 100

91 170.0 136.4 204.6





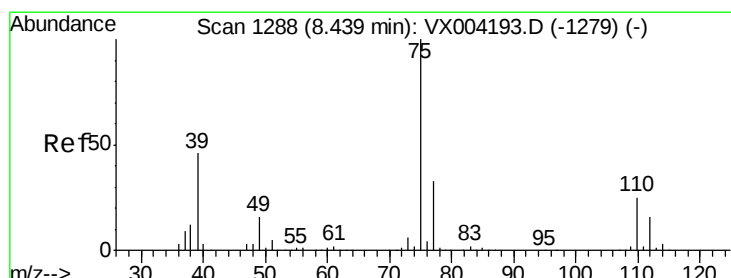
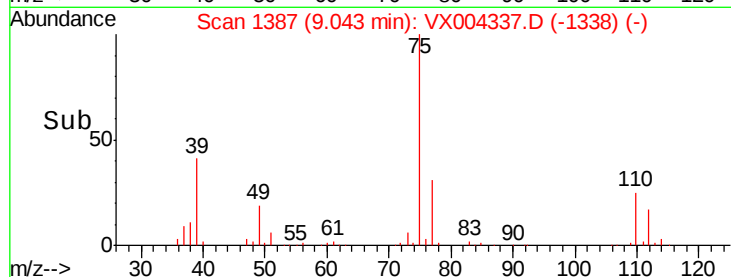
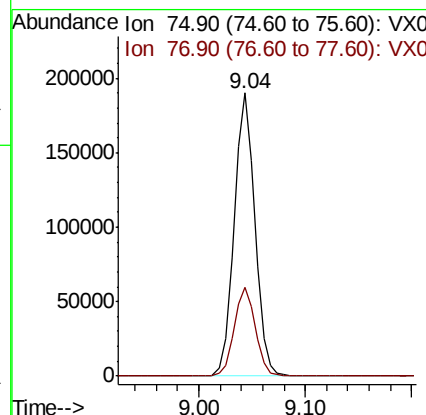
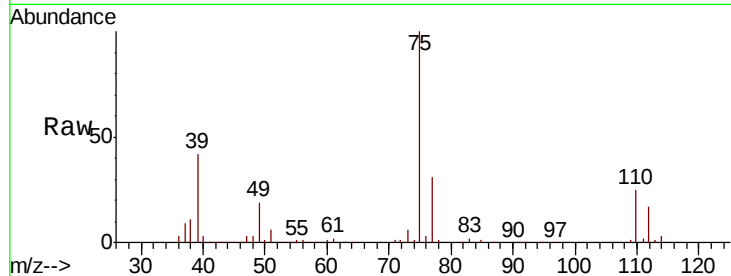
#53
t-1,3-Dichloropropene
Concen: 51.58 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.6	37.0

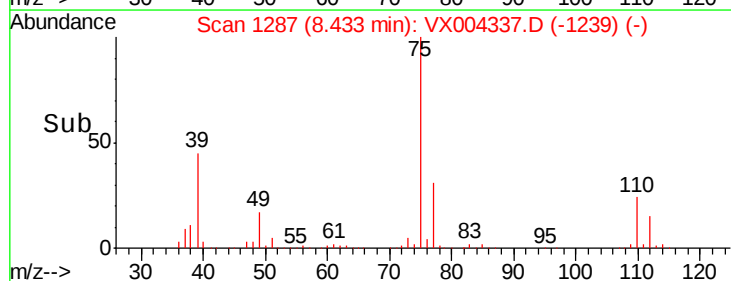
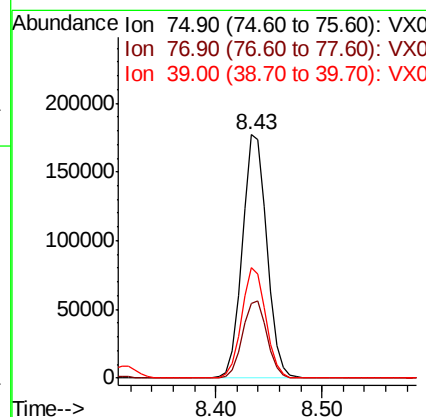
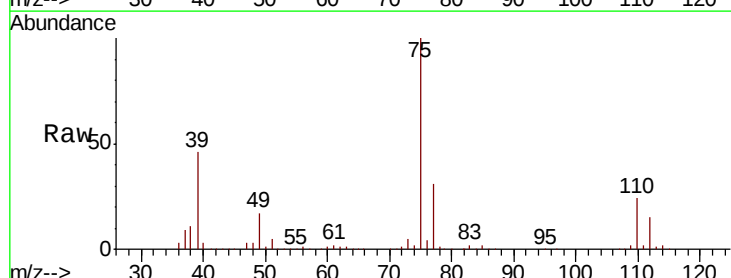
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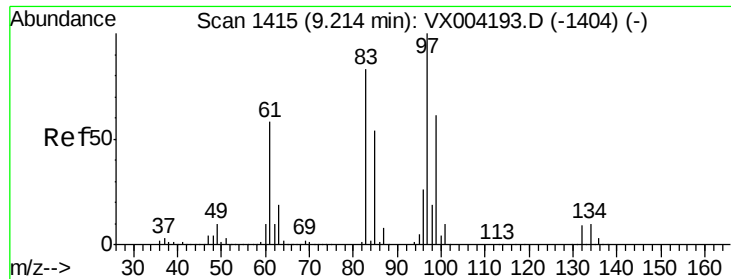
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.13 ug/l
RT: 8.43 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.2	39.2
39	45.5	36.4	54.6





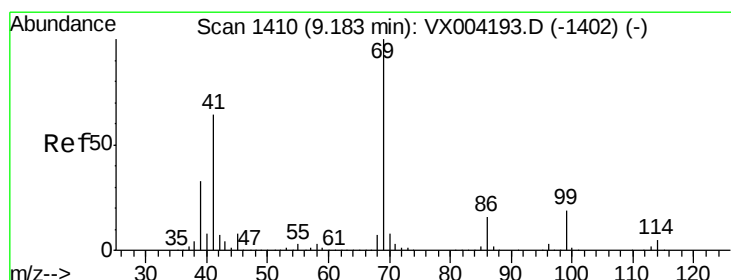
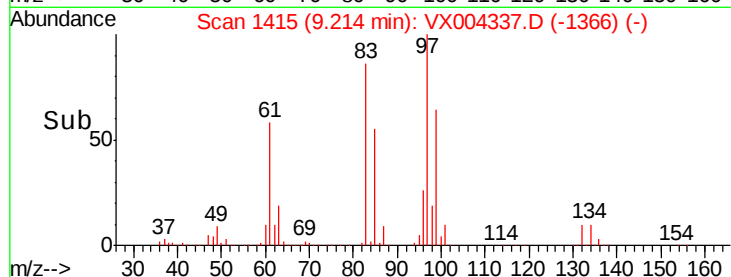
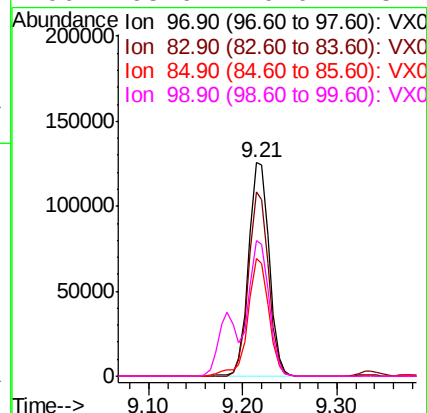
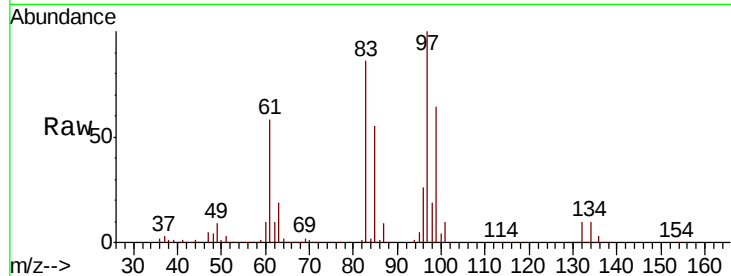
#55
 1,1,2-Trichloroethane
 Concen: 51.22 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
97	100	190579		
83	86.4	66.4	99.6	
85	55.4	43.3	64.9	
99	63.6	49.0	73.4	

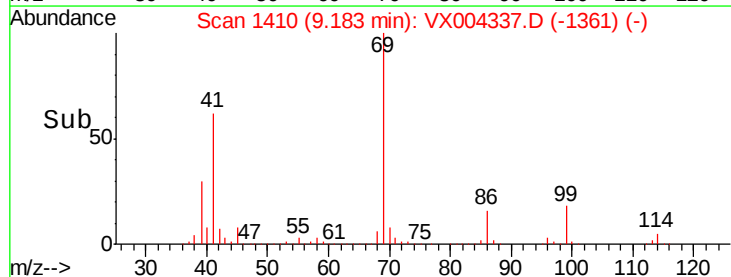
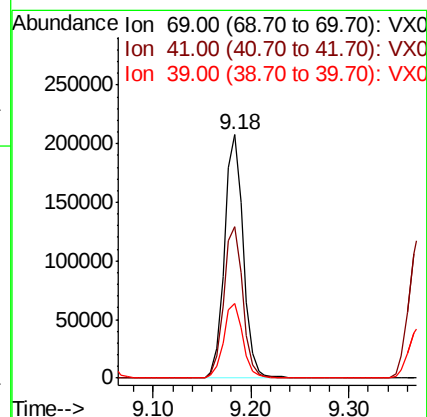
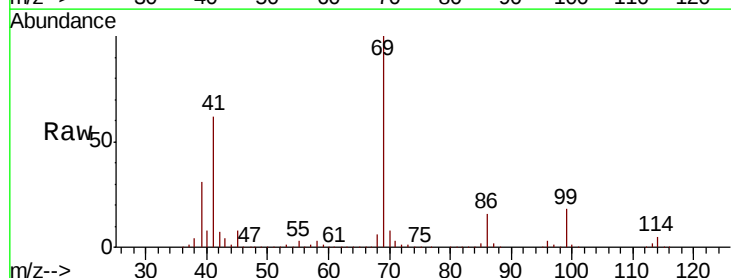
Manual Integrations
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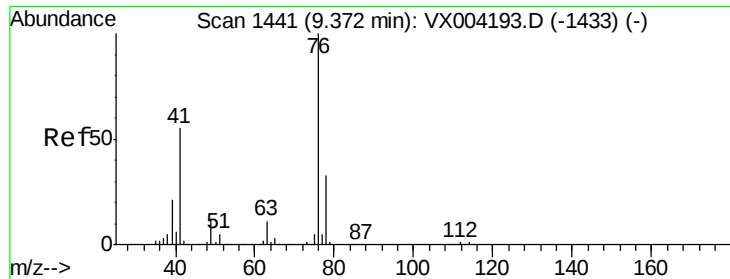
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#56
 Ethyl methacrylate
 Concen: 54.68 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	276926		
41	63.0	51.0	76.4	
39	31.3	26.1	39.1	





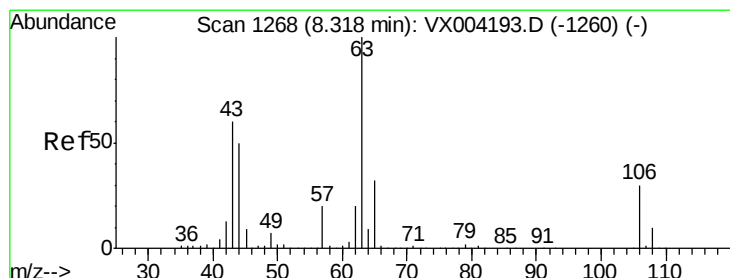
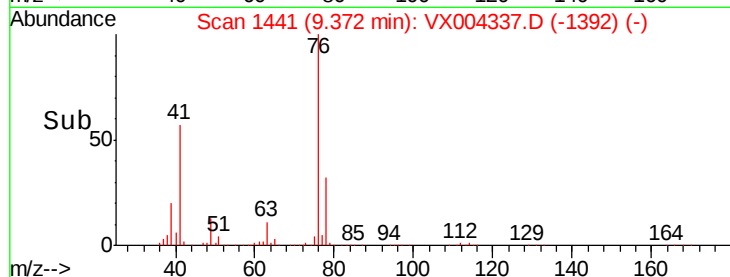
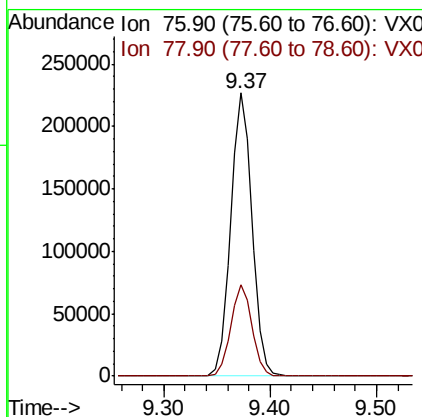
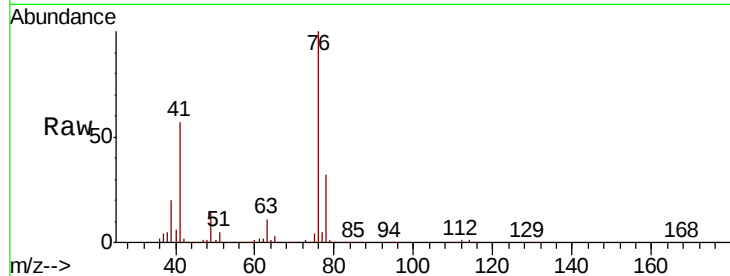
#57
 1,3-Dichloropropane
 Concen: 50.87 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.5	38.3

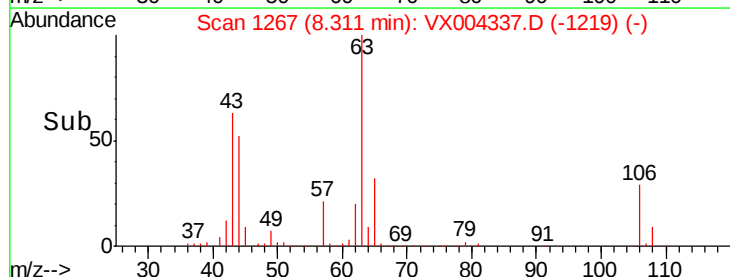
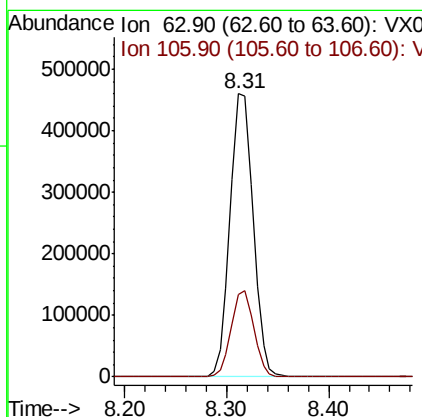
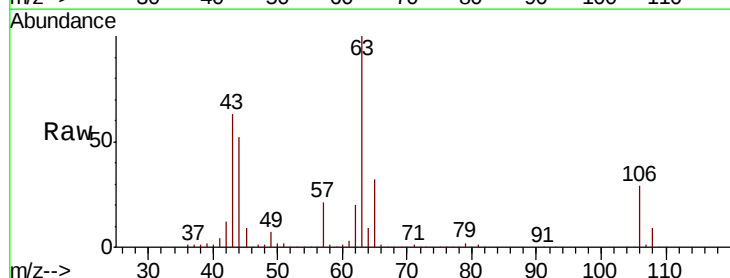
Manual Integrations
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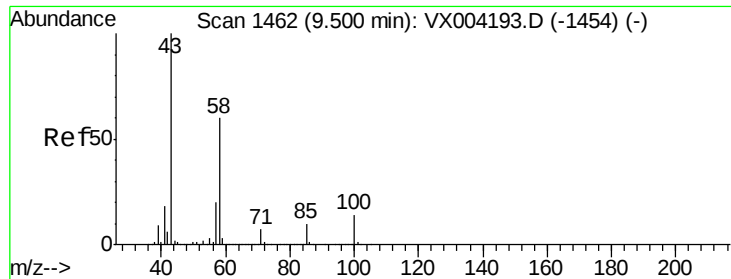
MMDadoda
 9/4/2018 12:11:05 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.63 ug/l
 RT: 8.31 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.9	23.9	35.9





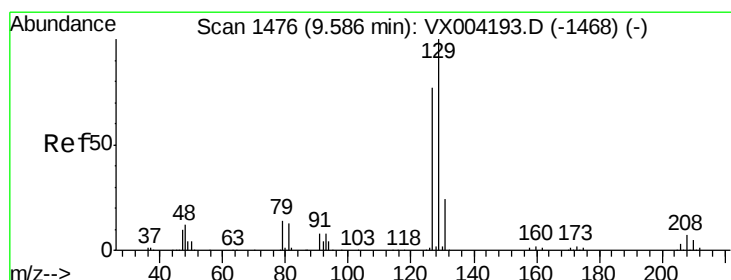
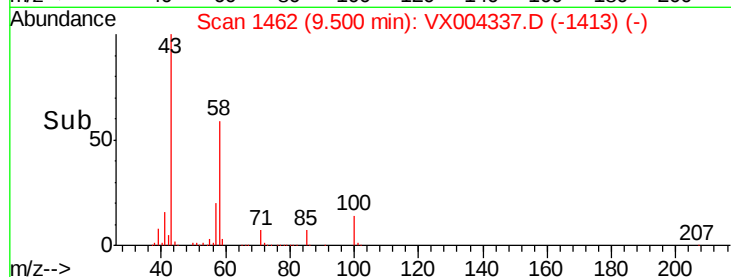
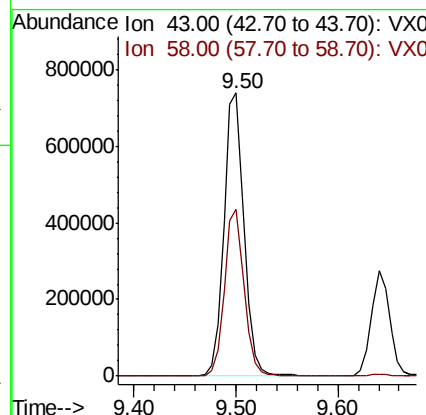
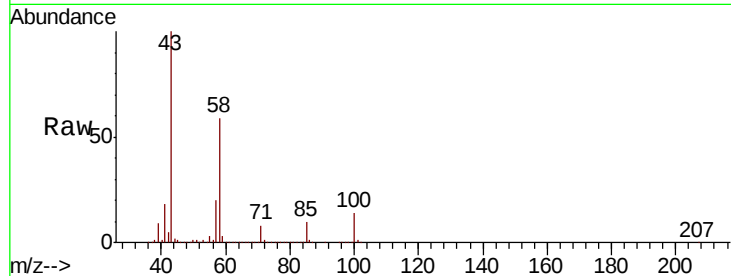
#59
2-Hexanone
Concen: 246.48 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1017383
Ion Ratio Lower Upper
43 100
58 58.1 29.0 87.0

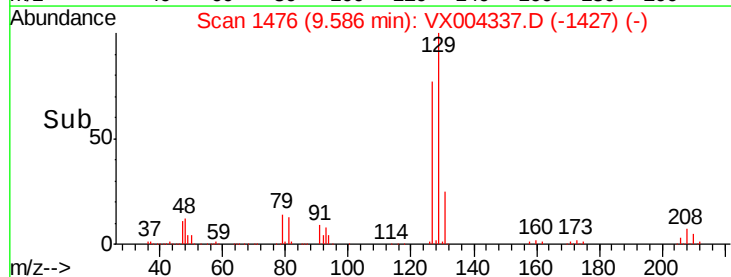
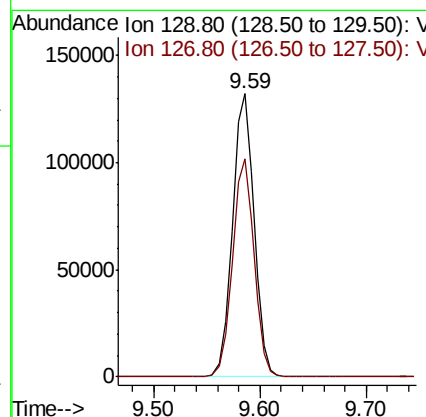
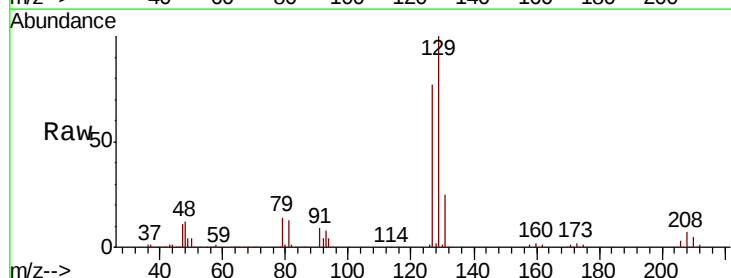
Manual Integrations
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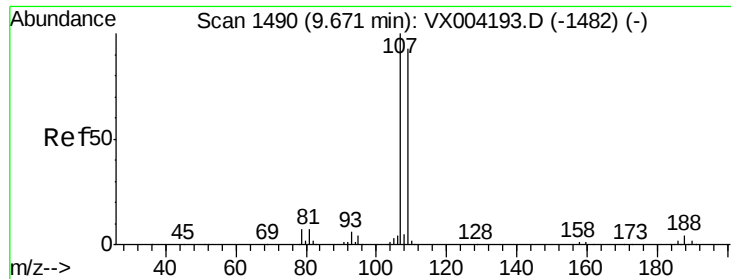
MMDadoda
9/4/2018 12:11:05 PM



#60
Dibromochloromethane
Concen: 51.76 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Tgt Ion: 129 Resp: 187606
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.27 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 193565

Ion Ratio Lower Upper

107 100

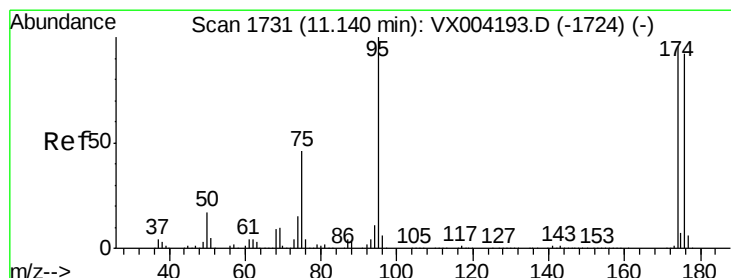
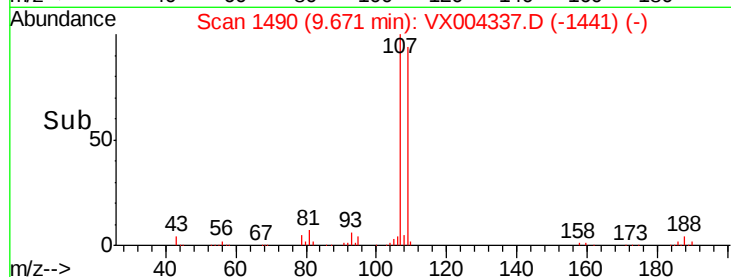
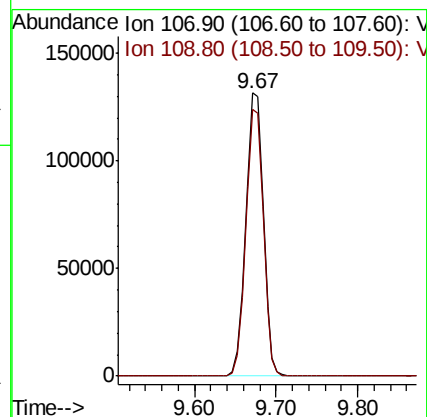
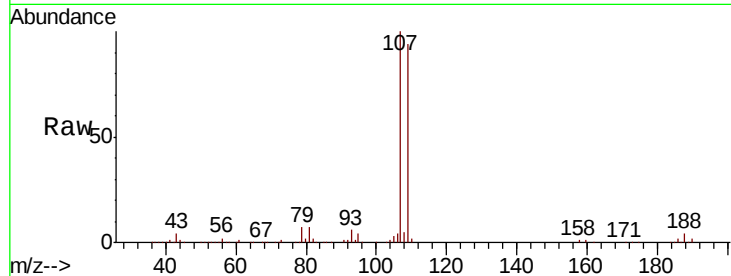
109 94.5 76.0 114.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 51.32 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

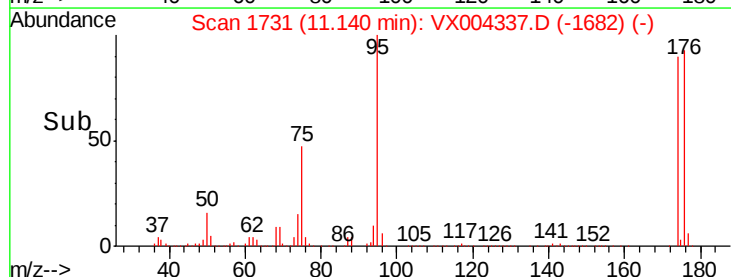
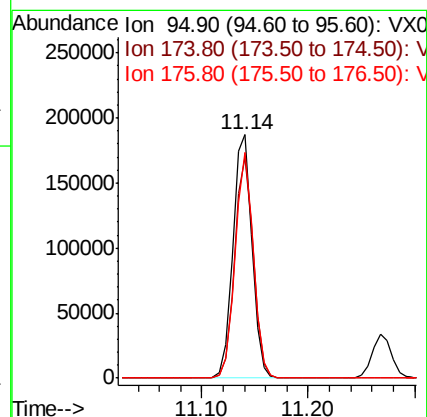
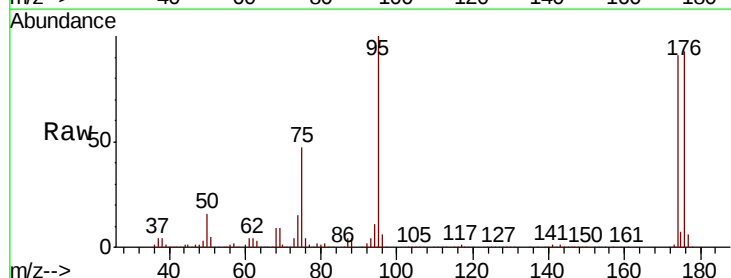
Tgt Ion: 95 Resp: 235670

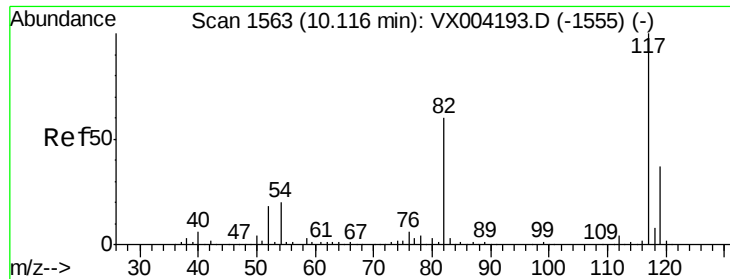
Ion Ratio Lower Upper

95 100

174 89.1 0.0 185.2

176 88.7 0.0 178.6





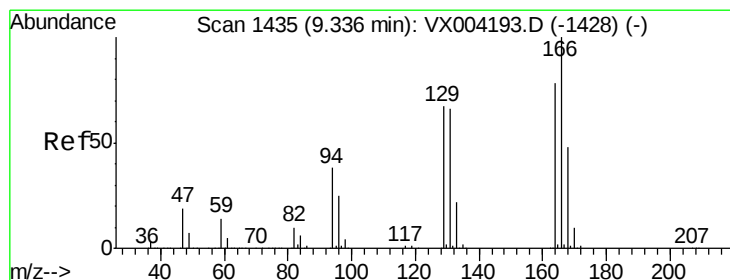
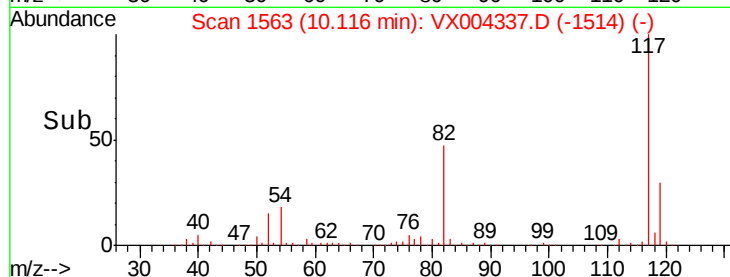
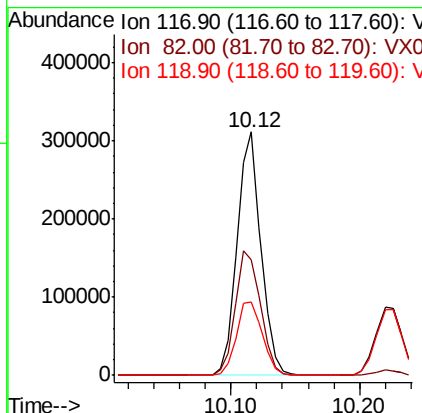
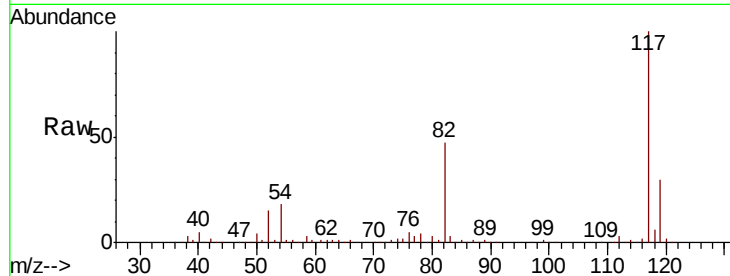
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	47.4	47.8	71.6#
119	30.3	29.3	43.9

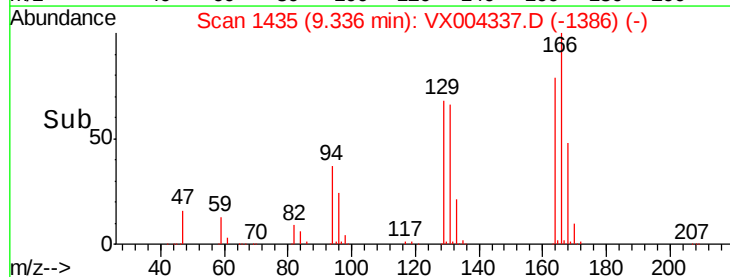
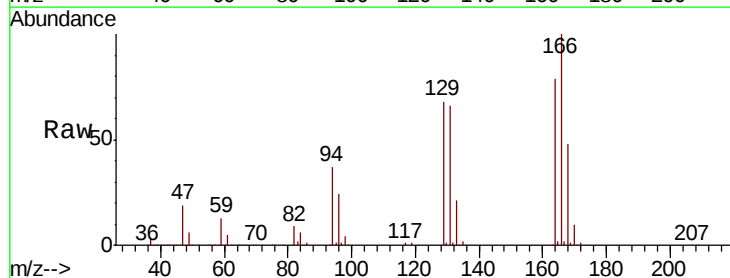
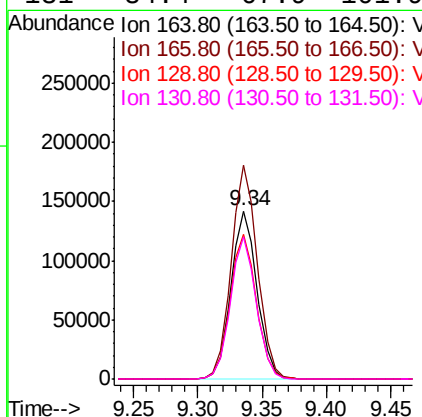
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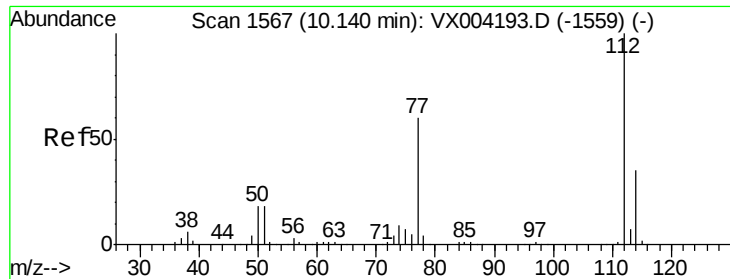
MMDadoda
9/4/2018 12:11:05 PM



#64
Tetrachloroethene
Concen: 50.85 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.8	154.2
129	86.2	69.4	104.0
131	84.4	67.9	101.9





#65

Chlorobenzene

Concen: 50.75 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 508158

Ion Ratio Lower Upper

112 100

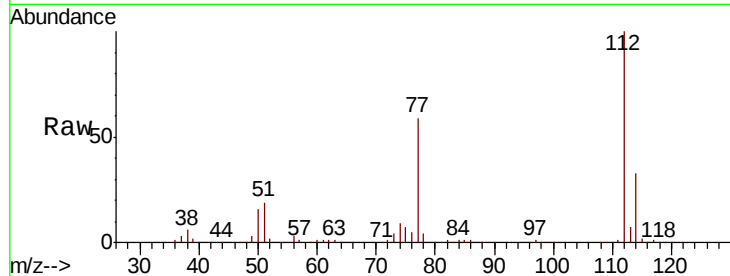
114 33.2 27.8 41.8

Manual Integrations

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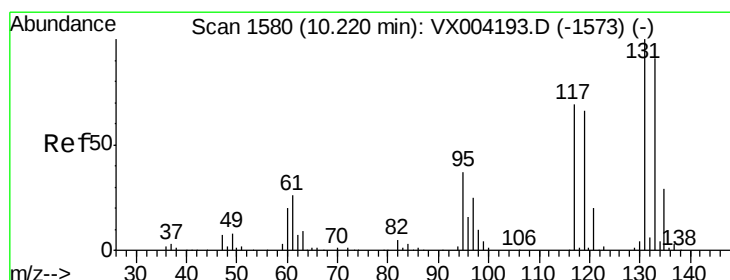
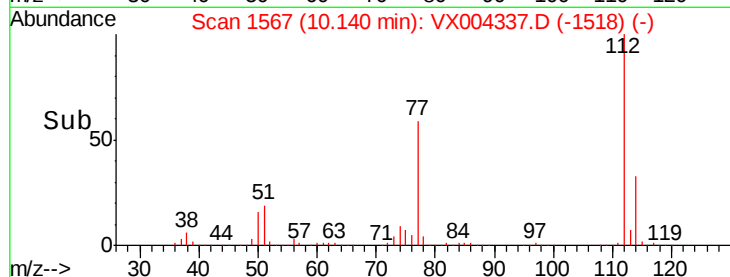
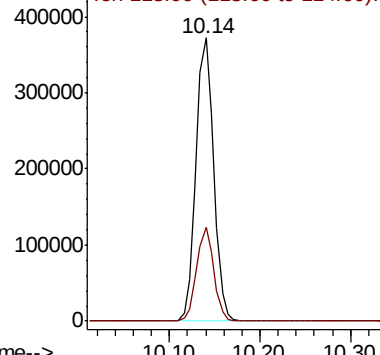
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.67 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

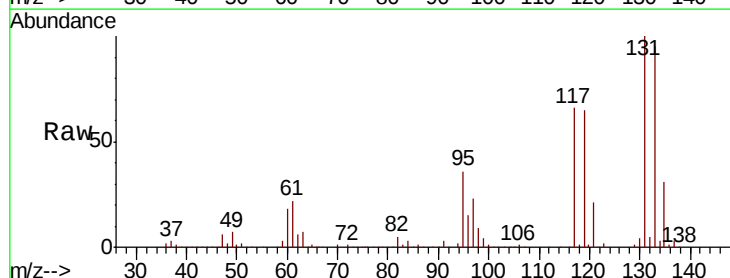
Tgt Ion:131 Resp: 185334

Ion Ratio Lower Upper

131 100

133 95.3 48.1 144.4

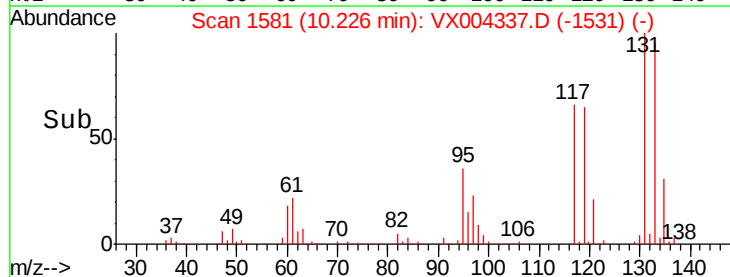
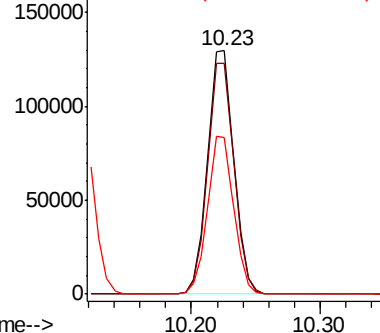
119 64.6 32.9 98.6

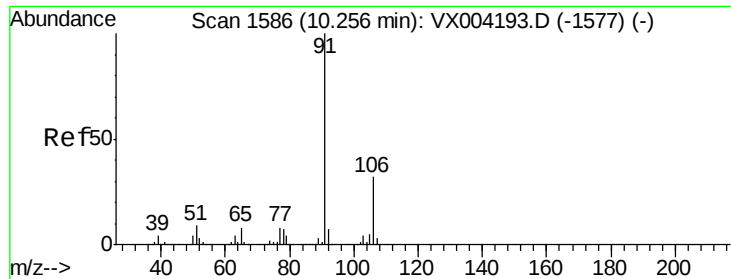


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 53.42 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 868689

Ion Ratio Lower Upper

91 100

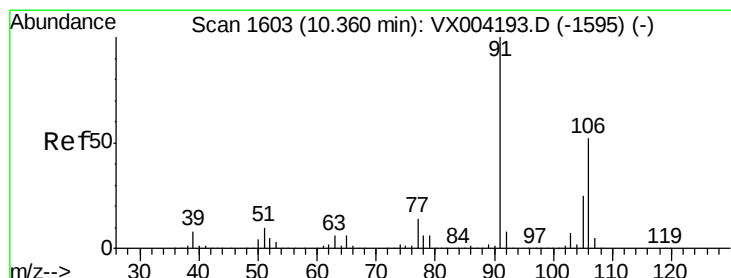
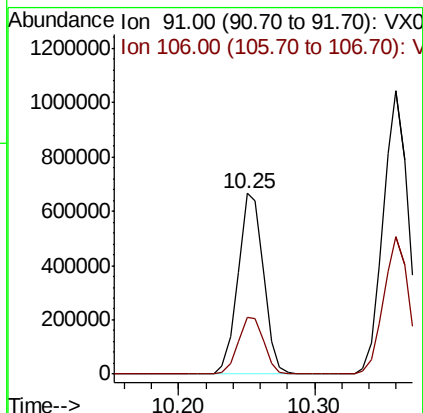
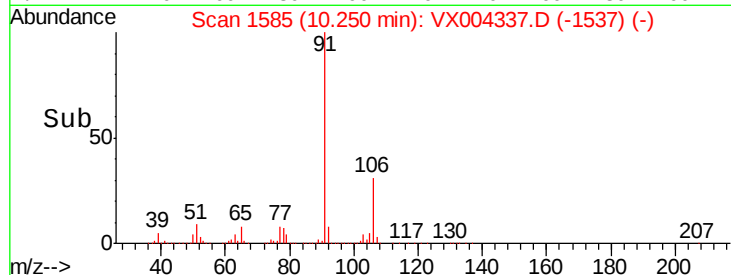
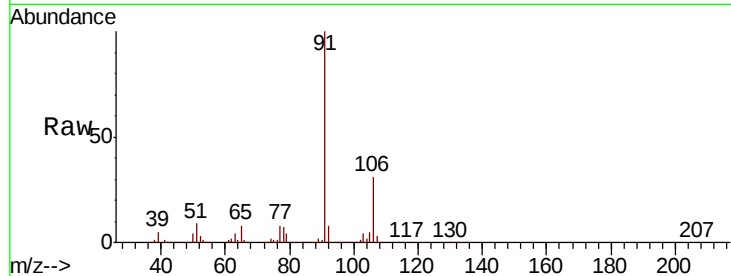
106 31.4 25.9 38.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 102.79 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX004337.D

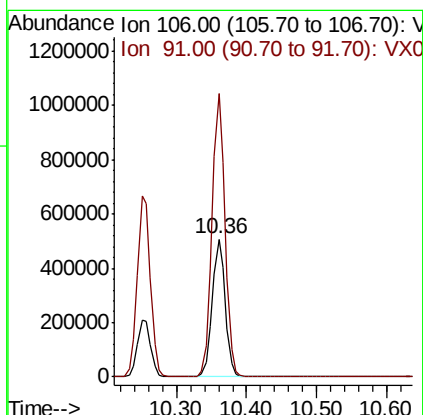
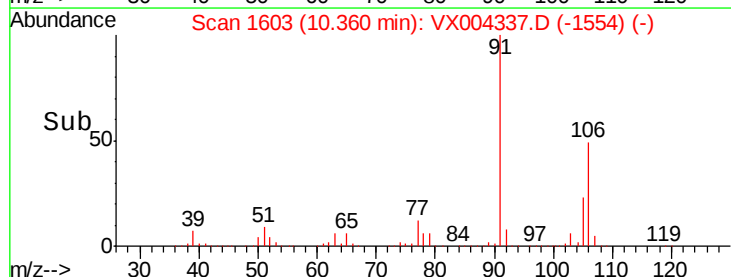
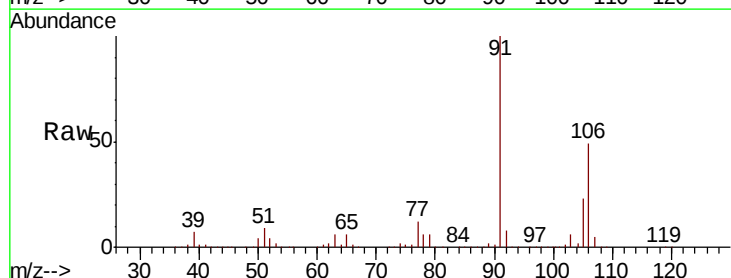
Acq: 31 Aug 2018 20:07

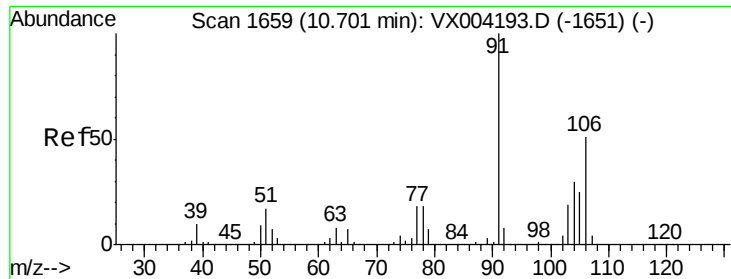
Tgt Ion: 106 Resp: 653574

Ion Ratio Lower Upper

106 100

91 205.7 157.1 235.7





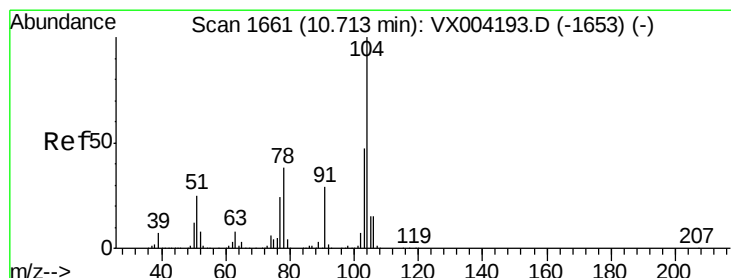
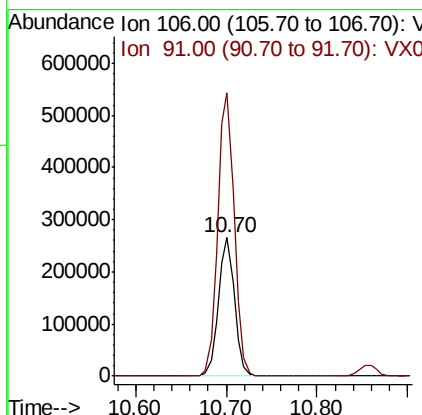
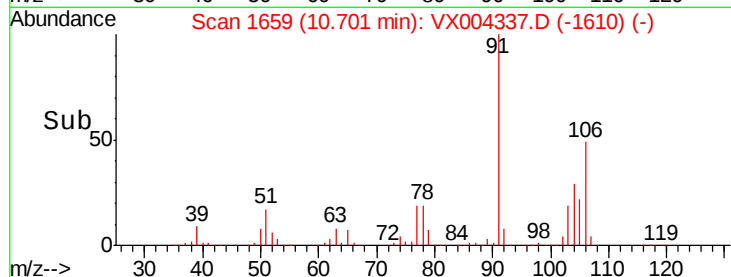
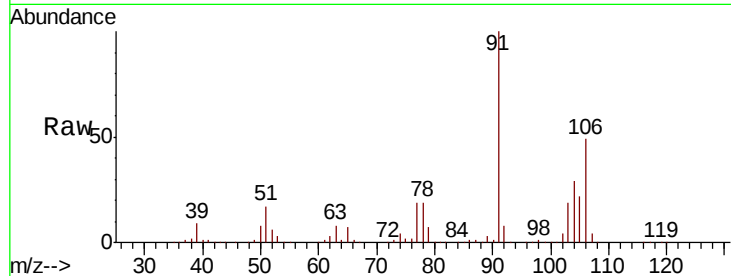
#69
o-Xylene
Concen: 54.54 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.7	105.1	315.1	

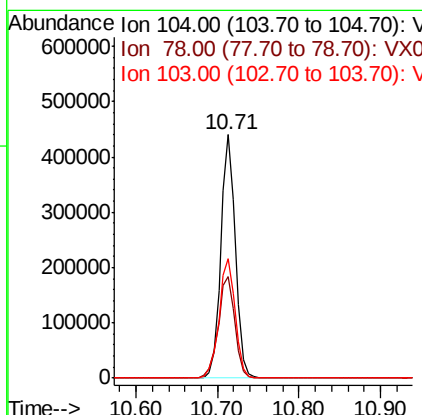
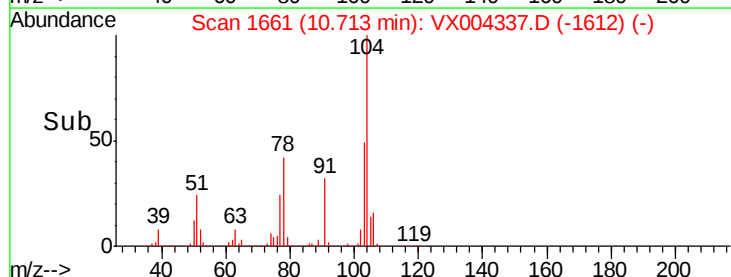
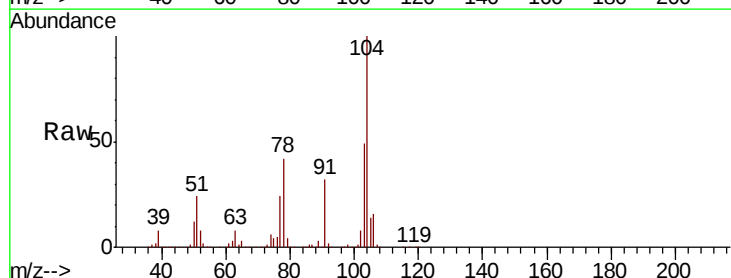
Manual Integrations
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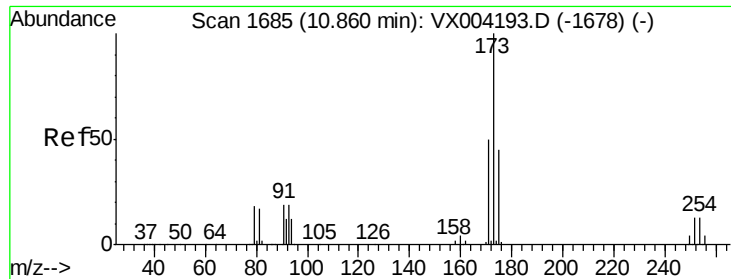
MMDadoda
9/4/2018 12:11:05 PM



#70
Styrene
Concen: 56.46 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.9	37.4	56.0	
103	54.4	43.8	65.6	





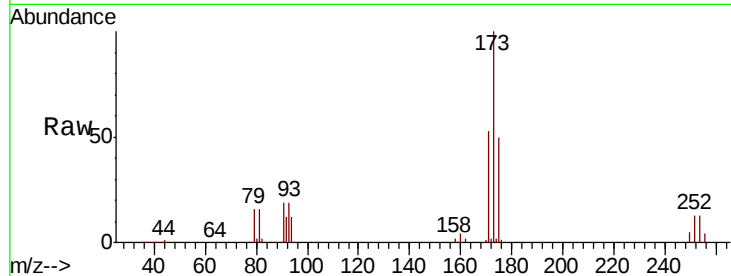
#71
Bromoform
Concen: 52.13 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.1	72.3
254	0.2	0.2	0.2

Manual Integrations
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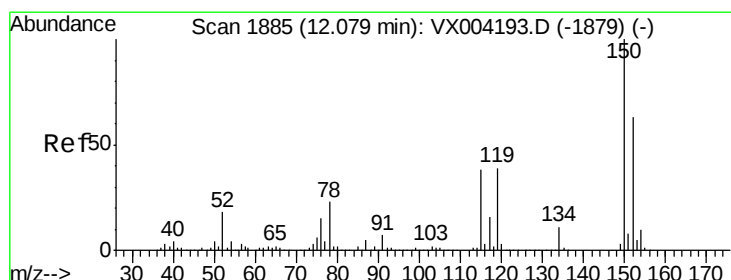
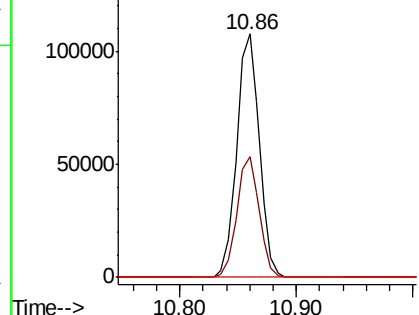
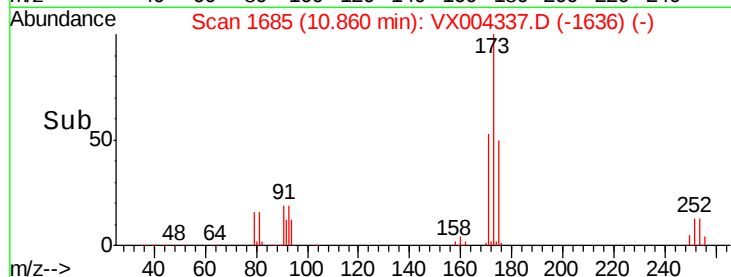


Abundance

Ion 172.70 (172.40 to 173.40): V

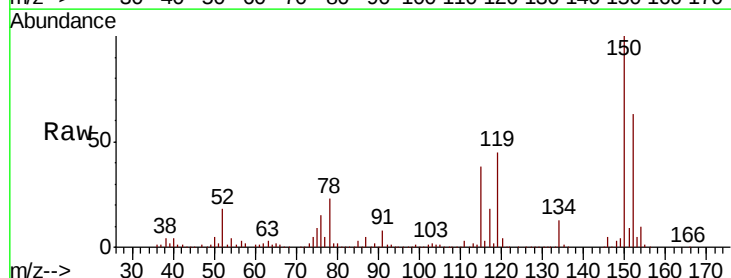
Ion 174.70 (174.40 to 175.40): V

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: VX004337.D
Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.8	39.0	117.0
150	175.4	0.0	351.0

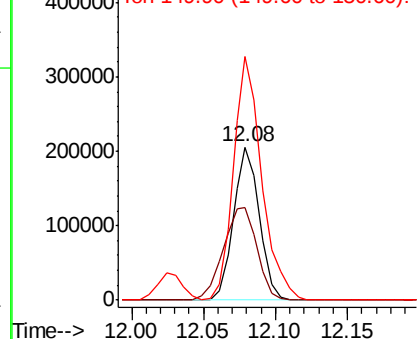
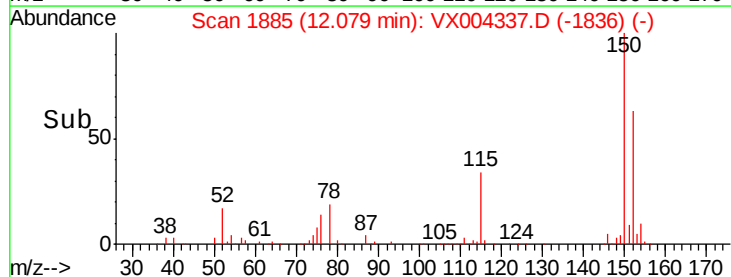


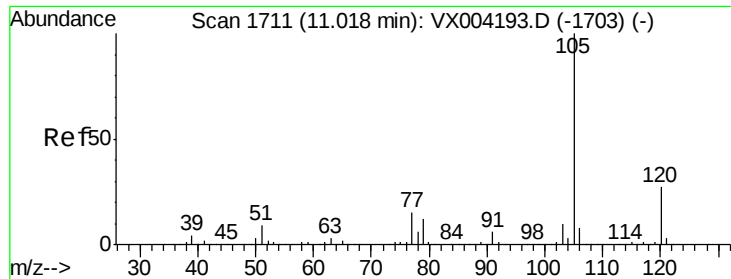
Abundance

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: 53.45 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 901515

Ion Ratio Lower Upper

105 100

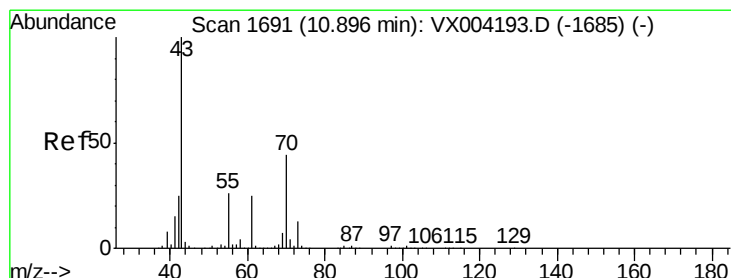
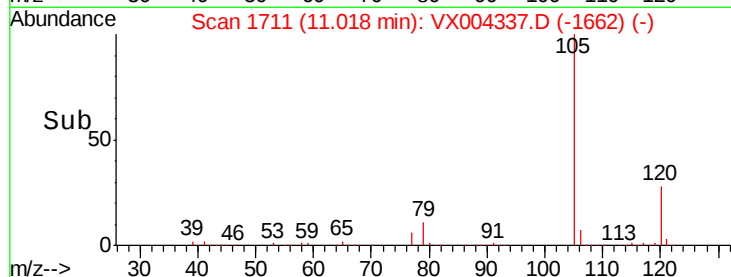
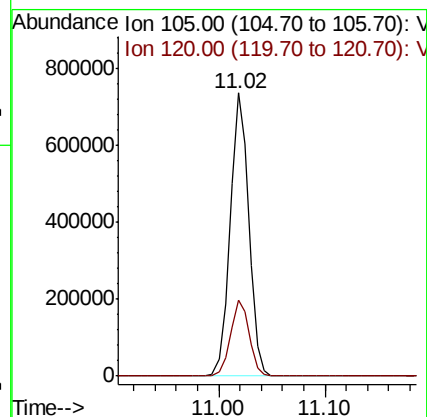
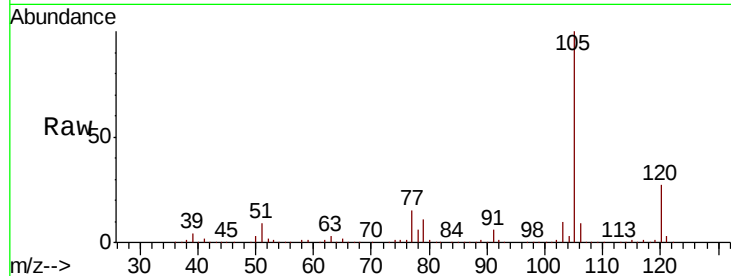
120 27.0 13.5 40.4

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#74

N-ethyl acetate

Concen: 52.91 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Tgt Ion: 43 Resp: 343630

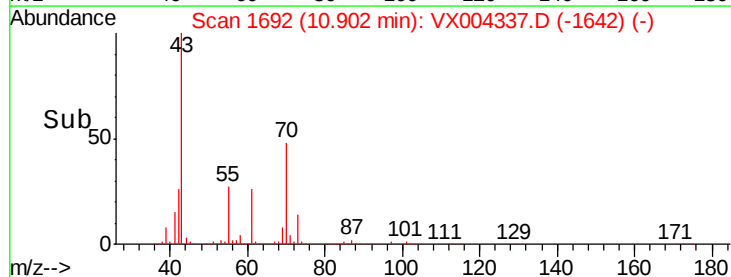
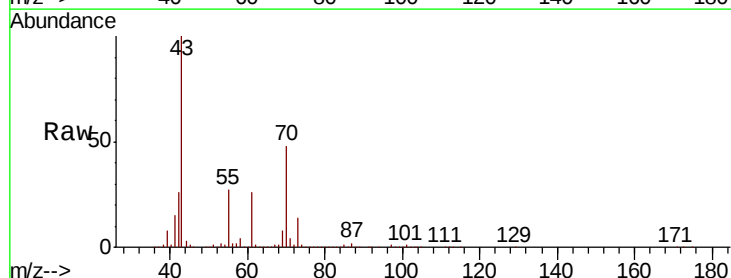
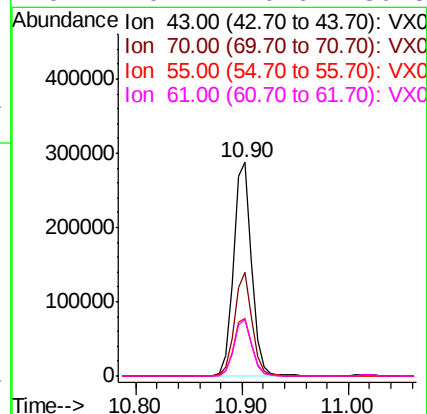
Ion Ratio Lower Upper

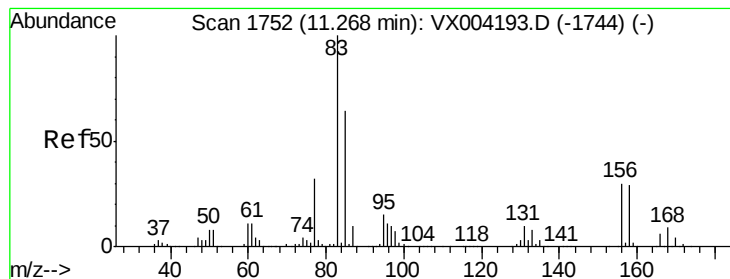
43 100

70 46.9 37.4 56.0

55 27.6 21.8 32.8

61 26.2 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.92 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 288776

Ion Ratio Lower Upper

83 100

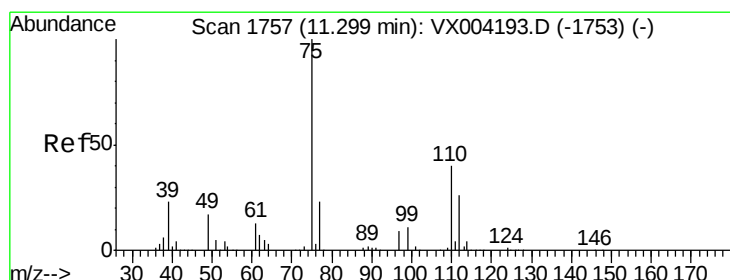
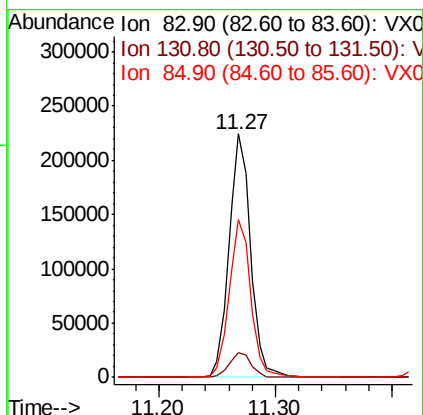
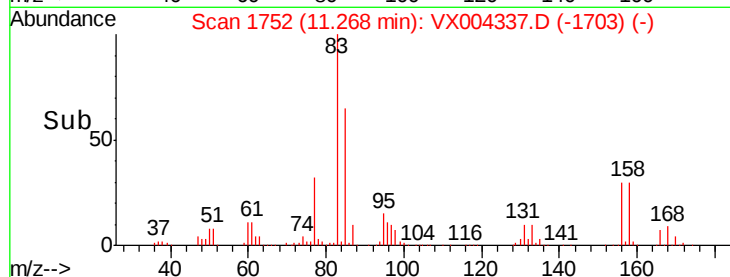
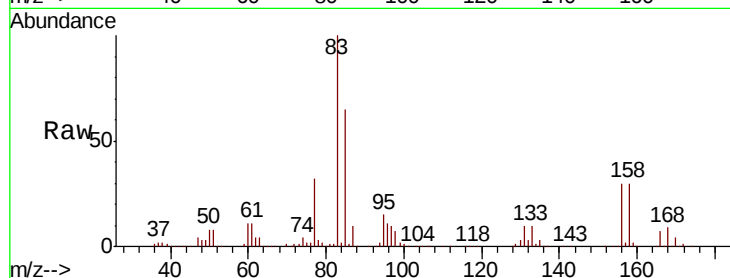
131 10.5 5.2 15.6

85 65.0 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.80 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX004337.D

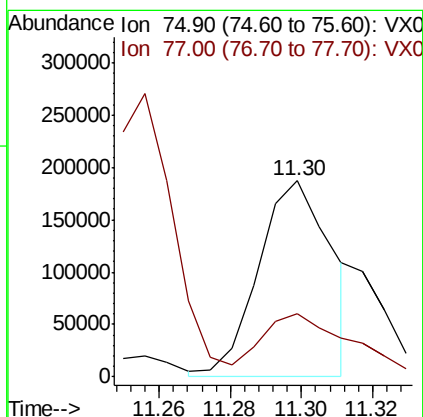
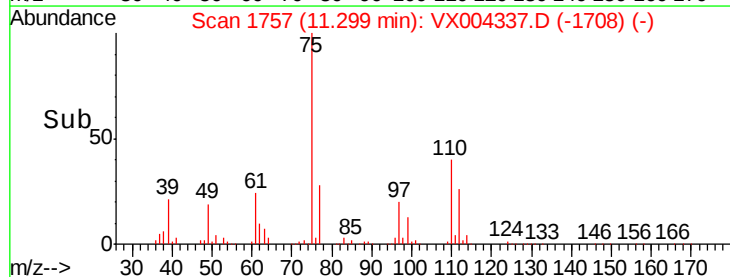
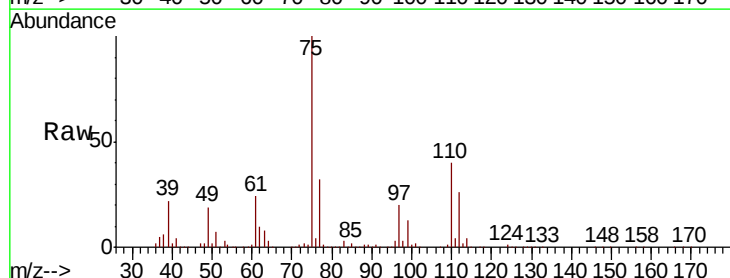
Acq: 31 Aug 2018 20:07

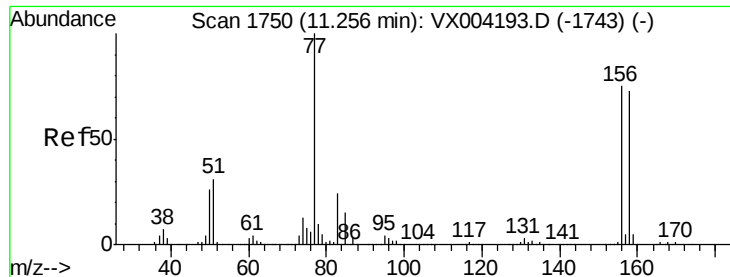
Tgt Ion: 75 Resp: 265316

Ion Ratio Lower Upper

75 100

77 39.5 20.2 60.6





#77

Bromobenzene

Concen: 49.34 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 233438

Ion Ratio Lower Upper

156 100

77 149.5 71.5 214.3

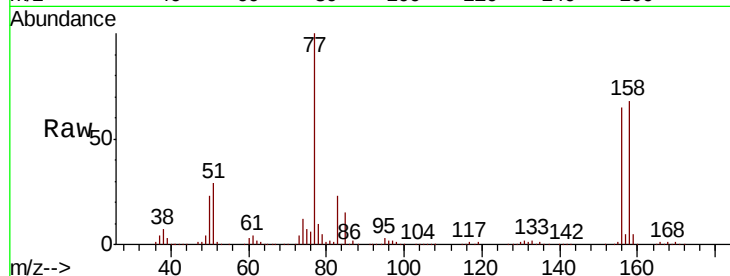
158 98.8 48.9 146.8

Manual Integrations

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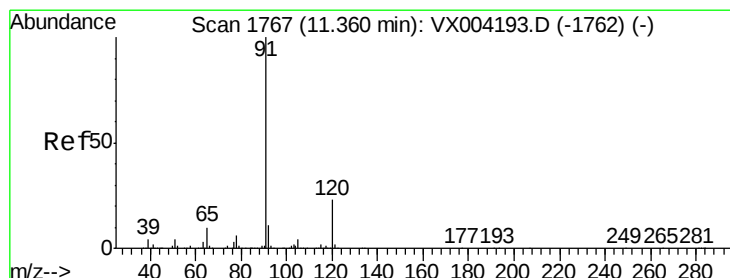
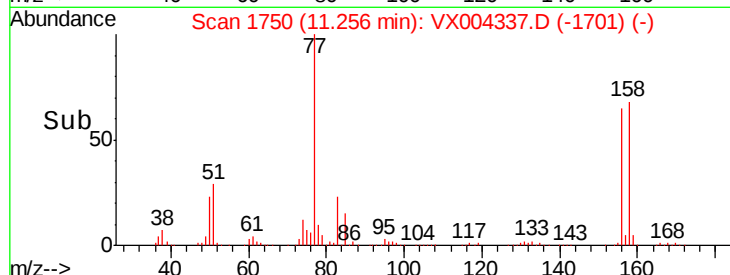
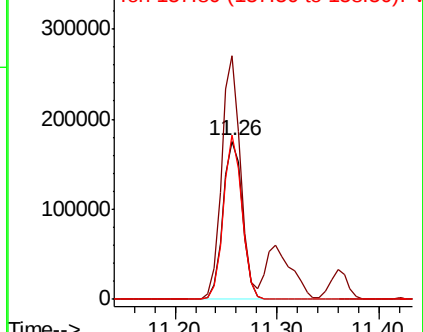
9/4/2018 12:11:05 PM



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: 53.34 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004337.D

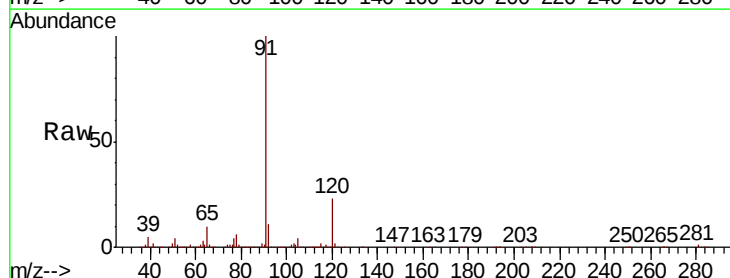
Acq: 31 Aug 2018 20:07

Tgt Ion: 91 Resp: 1034693

Ion Ratio Lower Upper

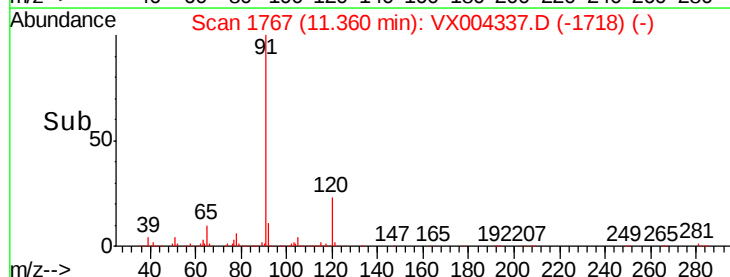
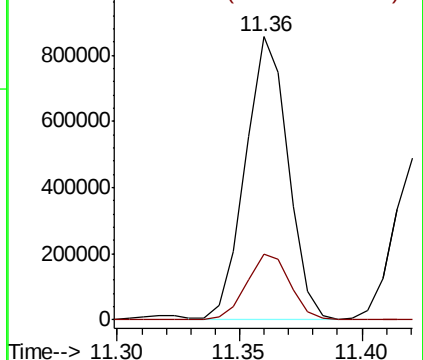
91 100

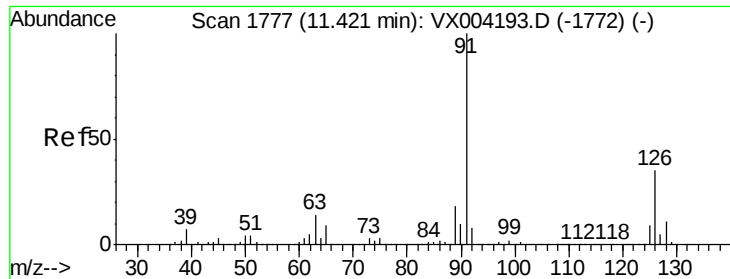
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.91 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 607908

Ion Ratio Lower Upper

91 100

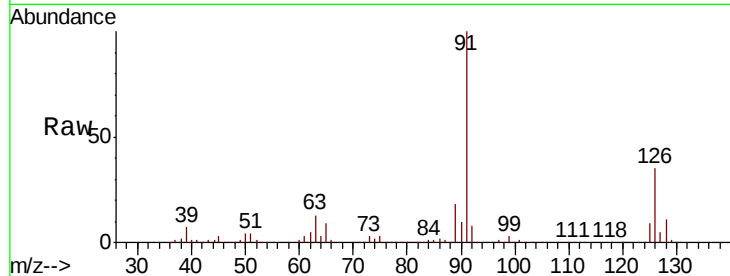
126 35.1 17.9 53.7

Manual Integrations

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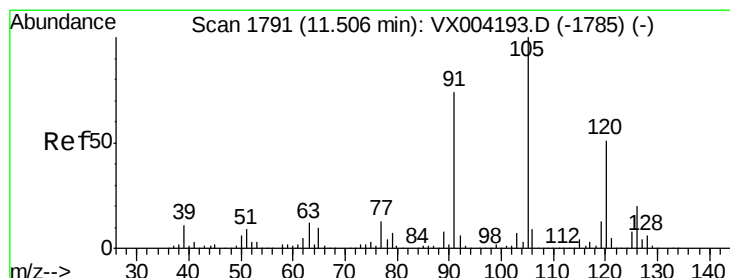
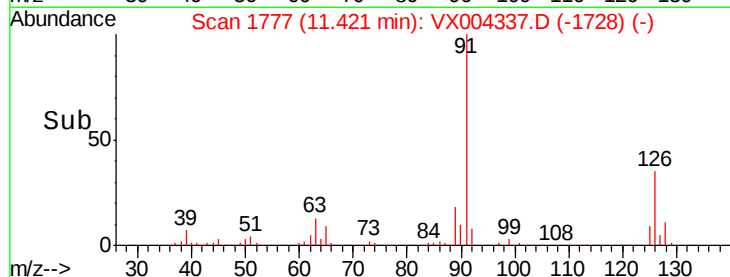
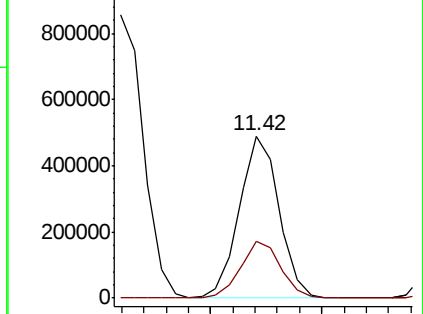
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Abundance Ion 91.00 (90.70 to 91.70): VX004193.D (-1772) (-)

Ion 125.90 (125.60 to 126.60): VX004193.D (-1772) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.94 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX004337.D

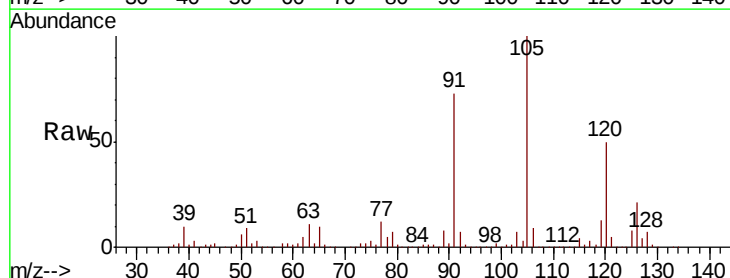
Acq: 31 Aug 2018 20:07

Tgt Ion: 105 Resp: 739470

Ion Ratio Lower Upper

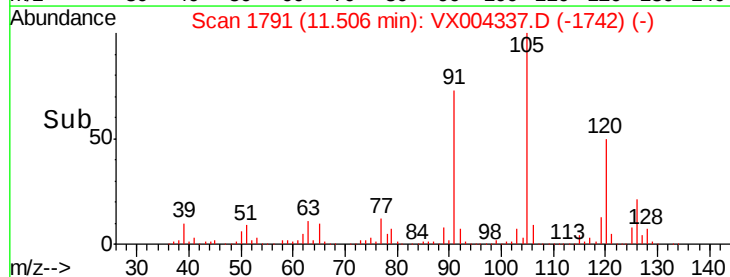
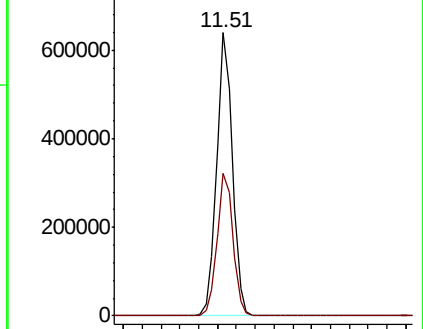
105 100

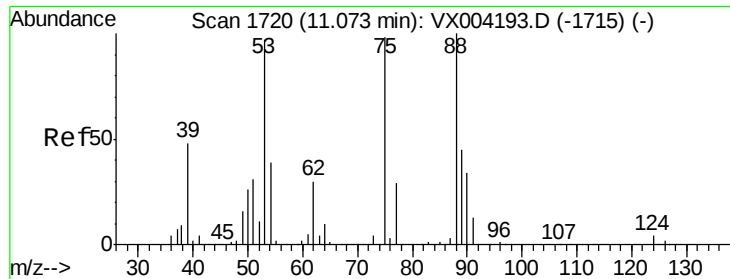
120 51.0 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004193.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX004193.D (-1785) (-)





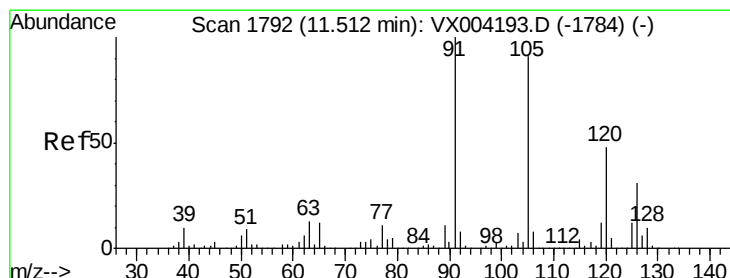
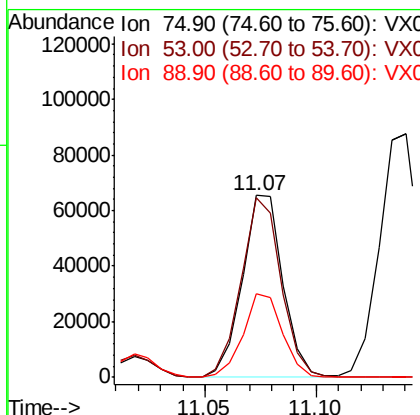
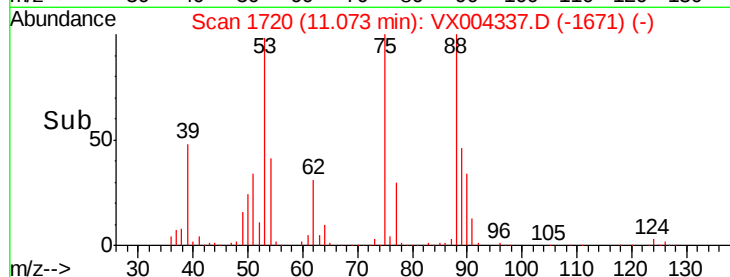
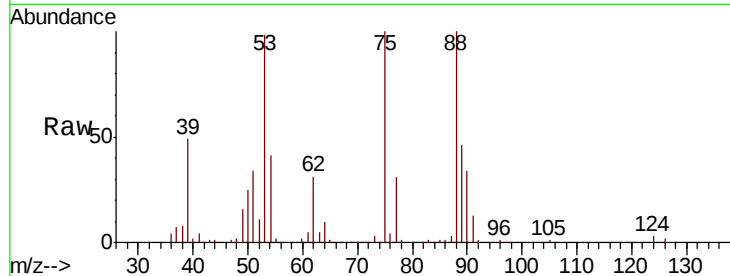
#81
trans-1,4-Dichloro-2-butene
Concen: 51.49 ug/l
RT: 11.07 min Scan# 1720
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.8	80.1	120.1
89	45.1	37.2	55.8

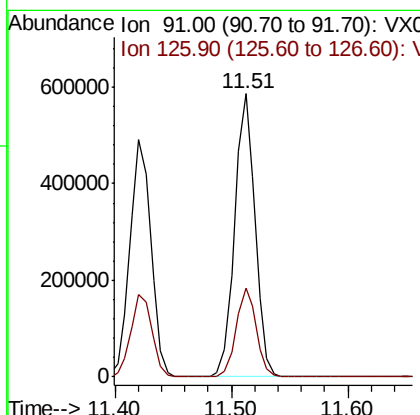
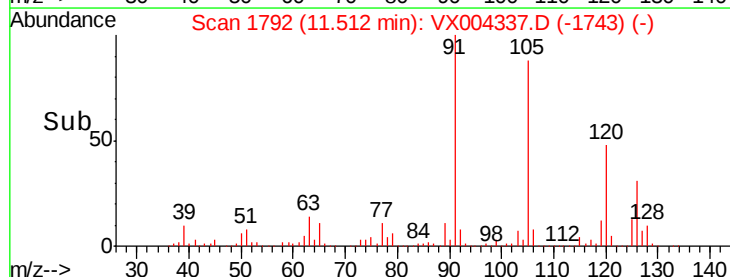
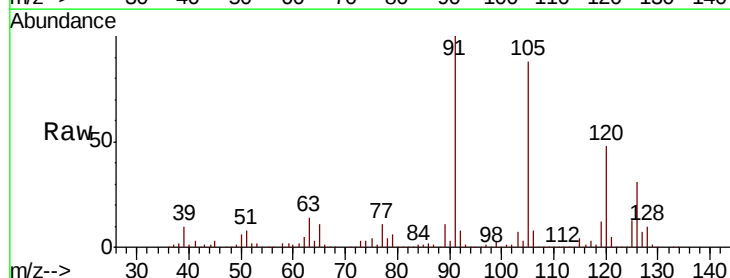
Manual Integrations
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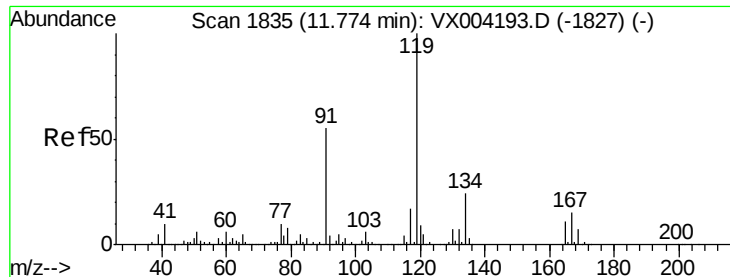
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#82
4-Chlorotoluene
Concen: 50.88 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.5	46.5





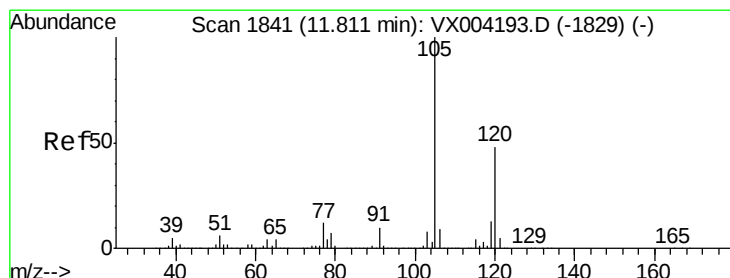
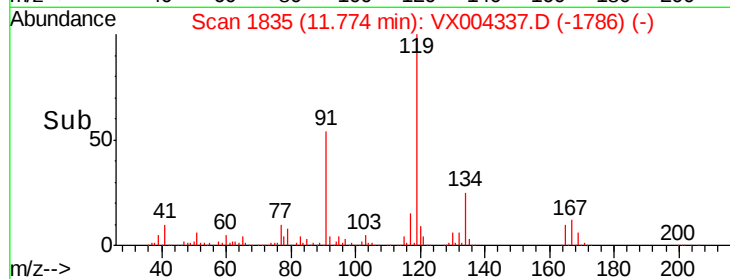
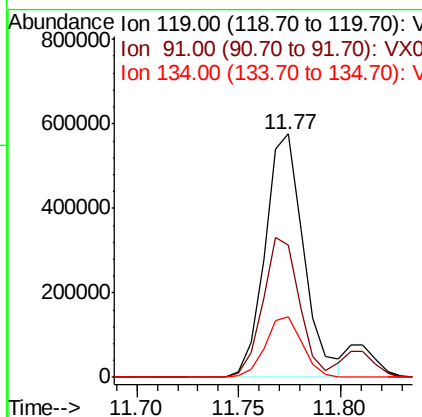
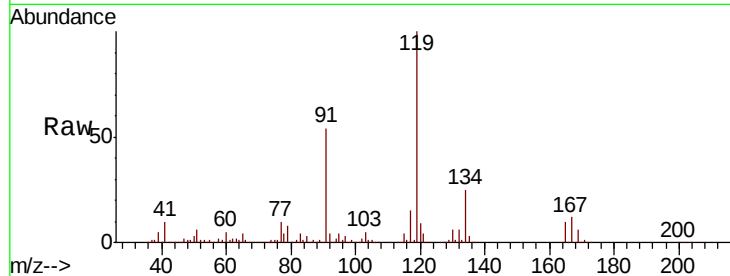
#83
 tert-Butylbenzene
 Concen: 53.96 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	758339		
91	54.5		27.0	81.0
134	24.1		11.7	35.1

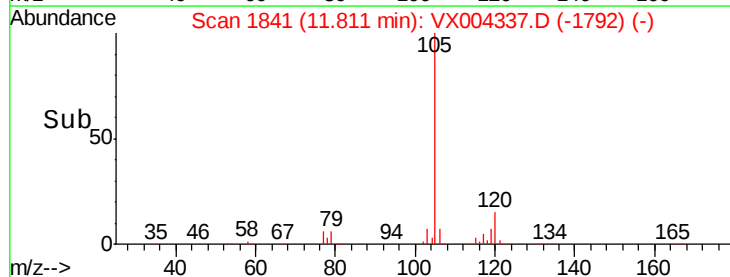
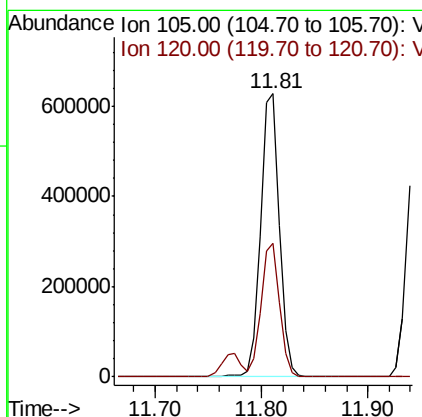
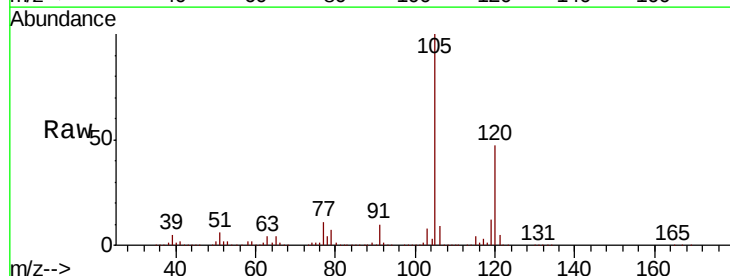
Manual Integrations
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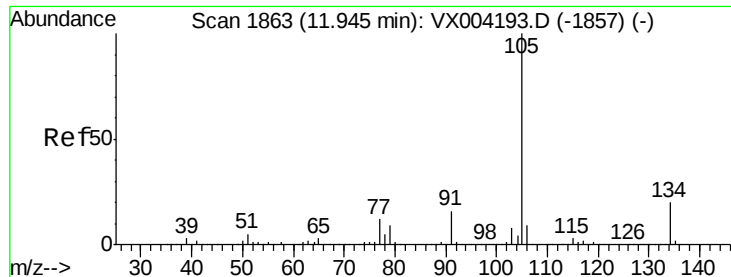
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.14 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	776232		
120	46.3		23.2	69.6





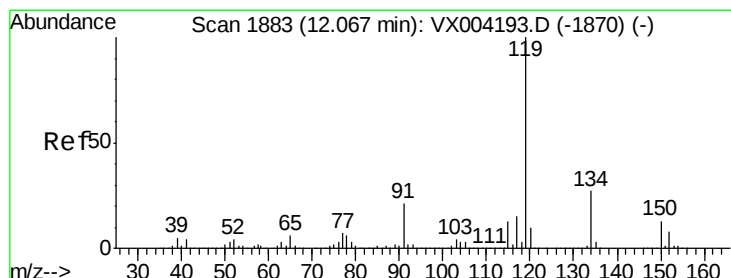
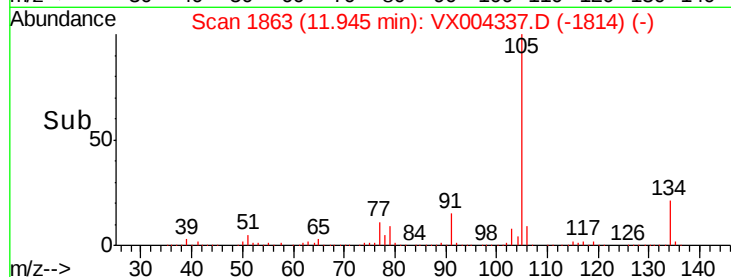
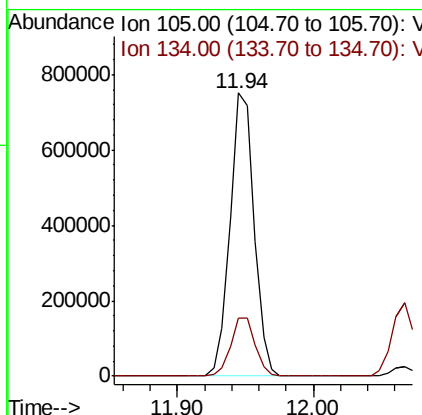
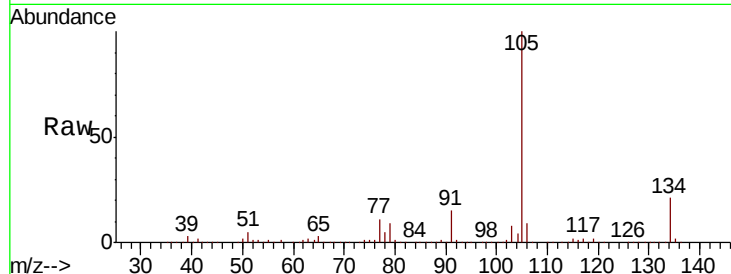
#85
 sec-Butylbenzene
 Concen: 55.44 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.5	31.5

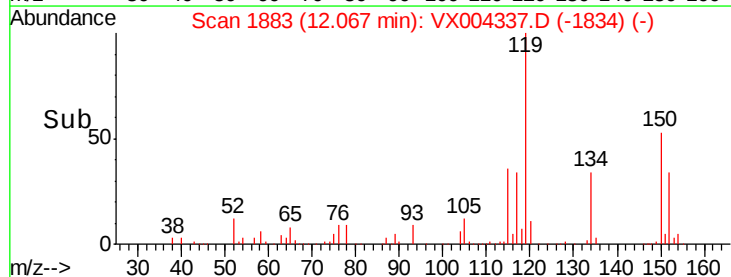
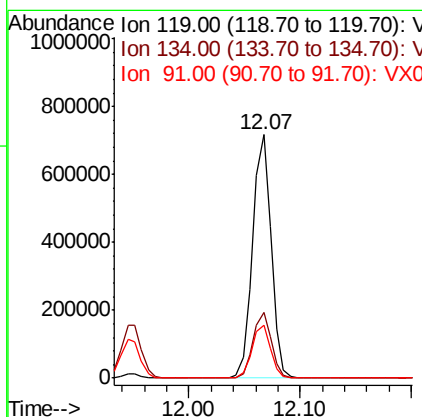
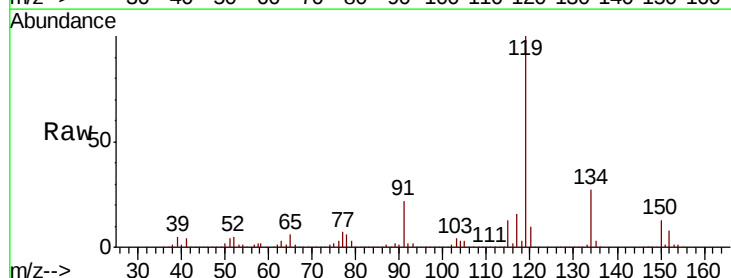
Manual Integrations
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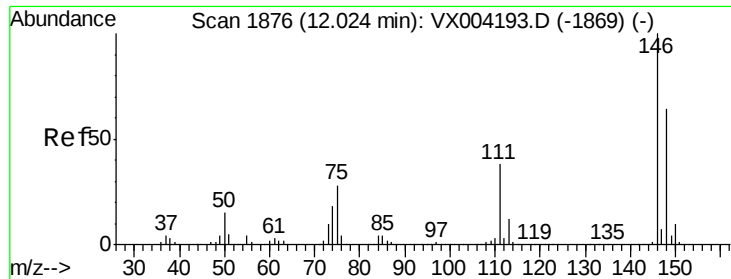
MMDadoda
 9/4/2018 12:11:05 PM



#86
 p-Isopropyltoluene
 Concen: 55.57 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.4	40.2
91	21.7	10.9	32.7





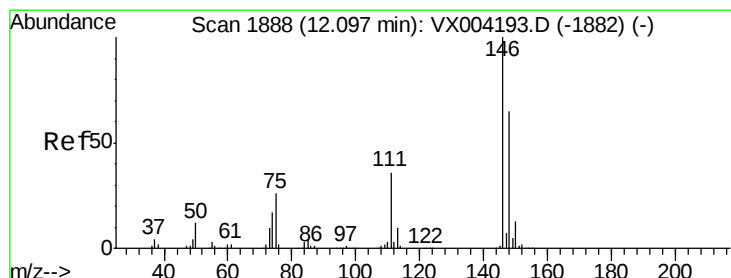
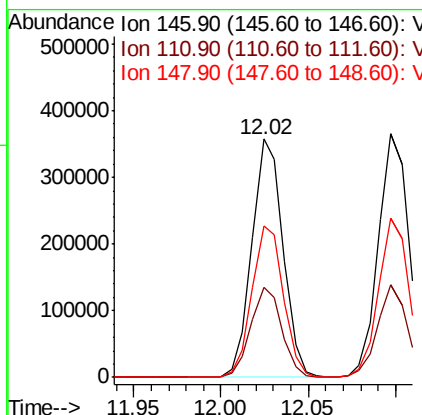
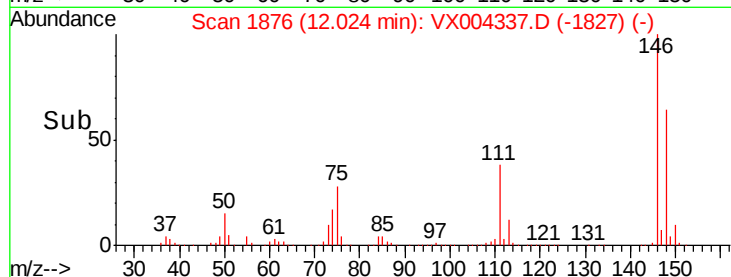
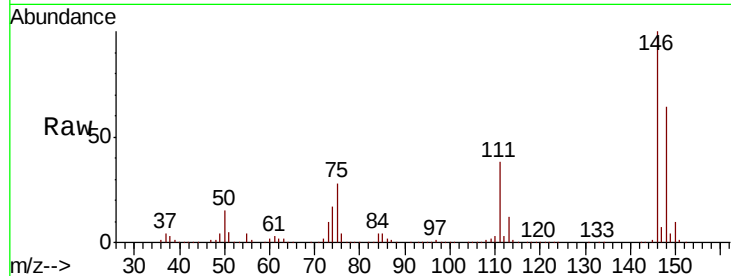
#87
 1,3-Dichlorobenzene
 Concen: 49.70 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	64.2	32.1	96.5

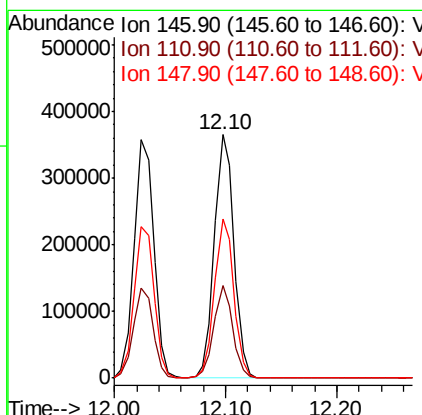
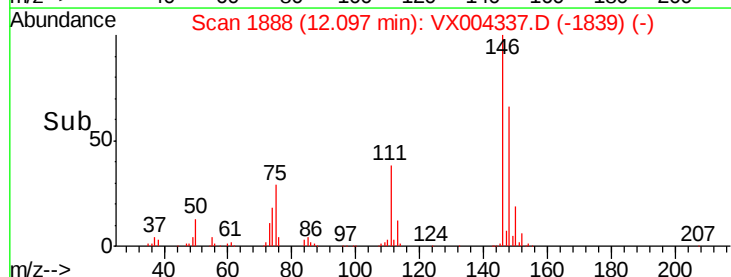
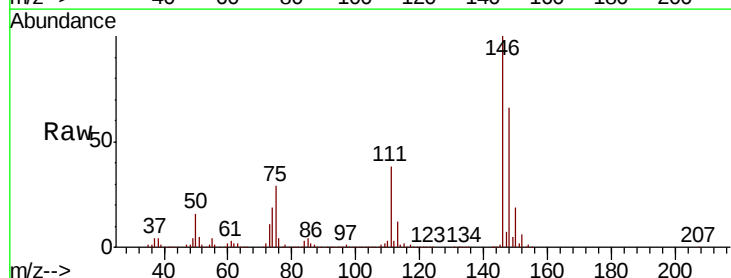
Manual Integrations
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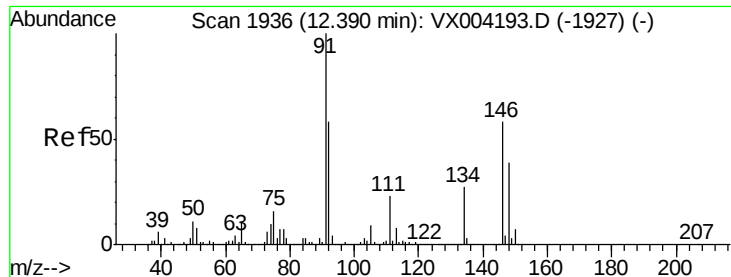
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#88
 1,4-Dichlorobenzene
 Concen: 47.29 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.1
148	64.7	32.0	96.0





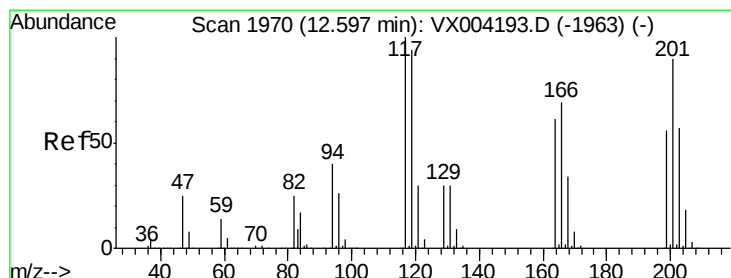
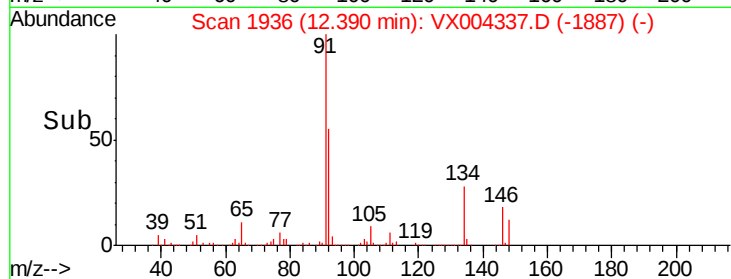
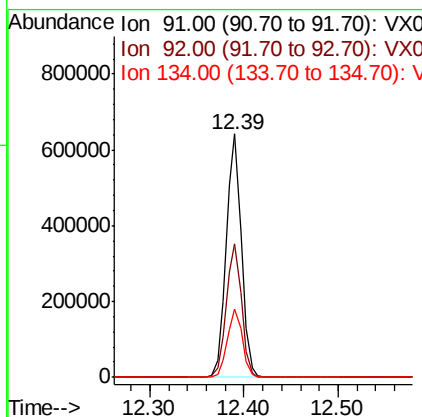
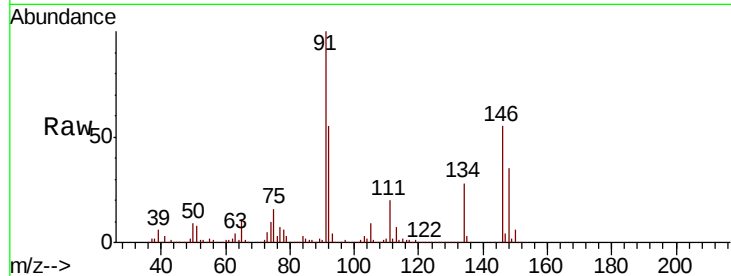
#89
n-Butylbenzene
Concen: 58.51 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.3	81.9
134	27.9	13.6	40.7

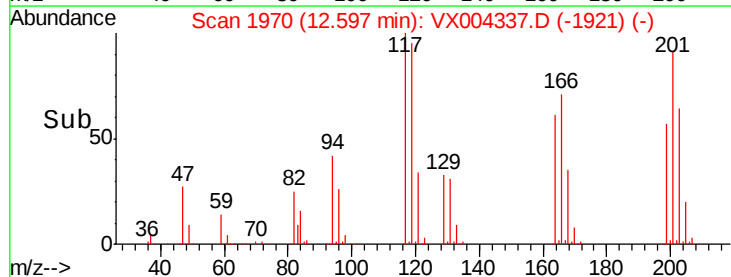
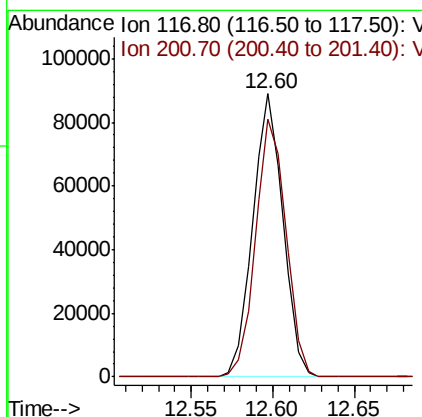
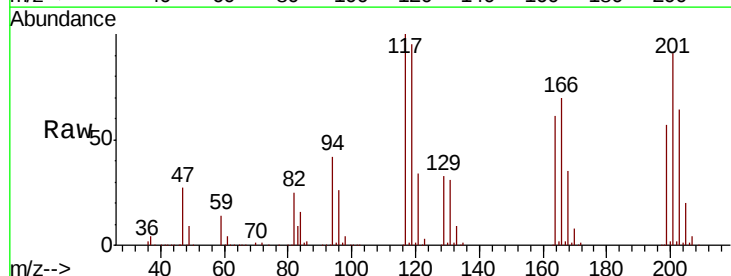
Manual Integrations
APPROVED

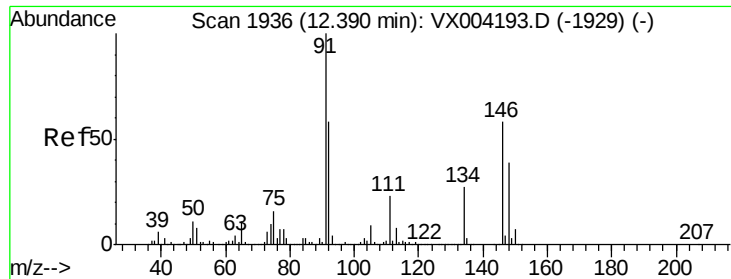
MMDadoda
9/4/2018 12:11:05 PM



#90
Hexachloroethane
Concen: 54.78 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.6	46.9	140.6





#91

1,2-Dichlorobenzene

Concen: 54.93 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Instrument :

MSVOA_X

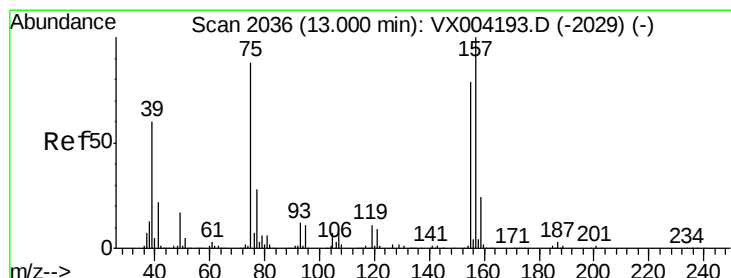
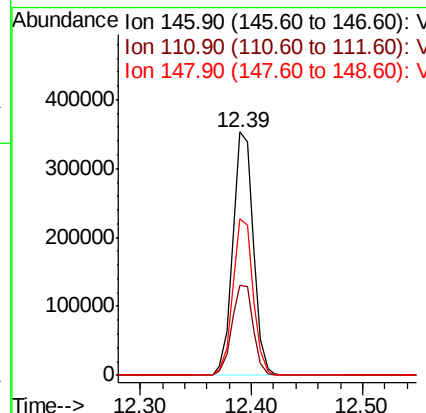
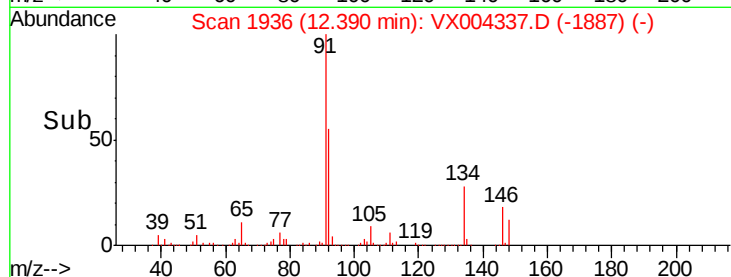
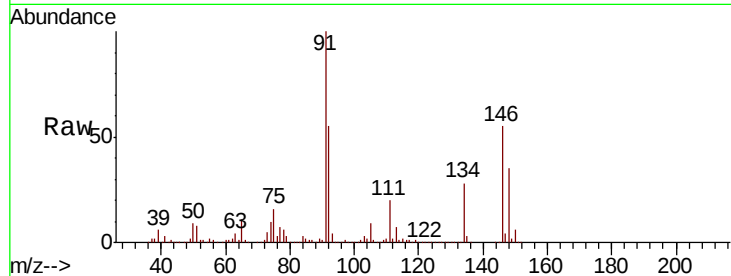
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	447232
Ion Ratio	Lower	Upper	
146	100		
111	38.5	19.4	58.1
148	63.9	32.8	98.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 49.97 ug/l

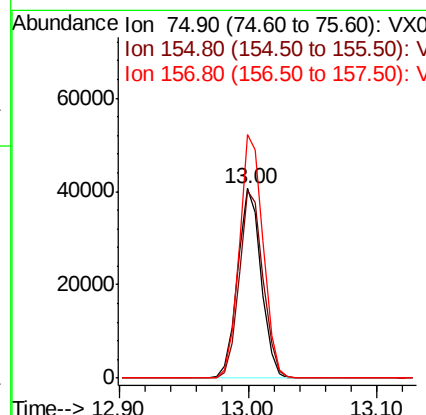
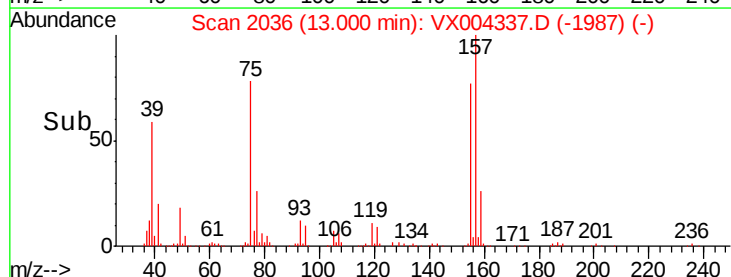
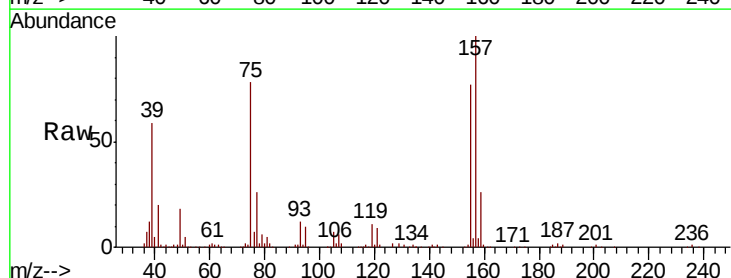
RT: 13.00 min Scan# 2036

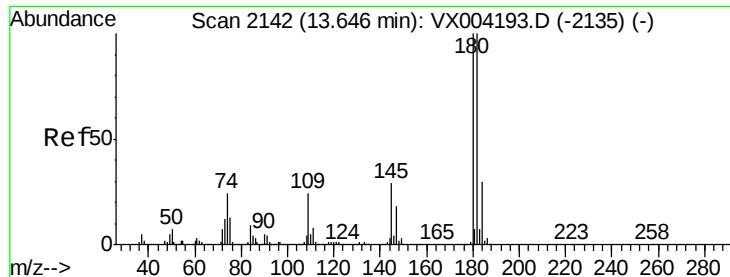
Delta R.T. 0.00 min

Lab File: VX004337.D

Acq: 31 Aug 2018 20:07

Tgt Ion:	75	Resp:	51957
Ion Ratio	Lower	Upper	
75	100		
155	98.7	48.0	144.2
157	128.9	61.4	184.1





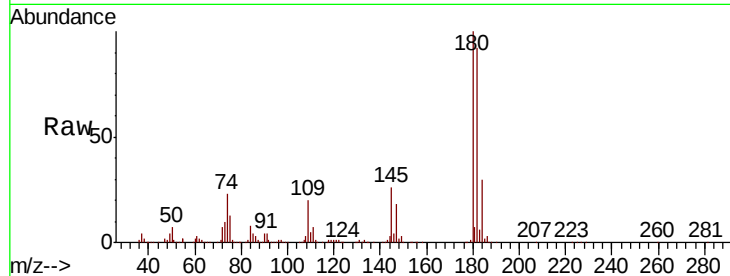
#93
 1,2,4-Trichlorobenzene
 Concen: 54.15 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

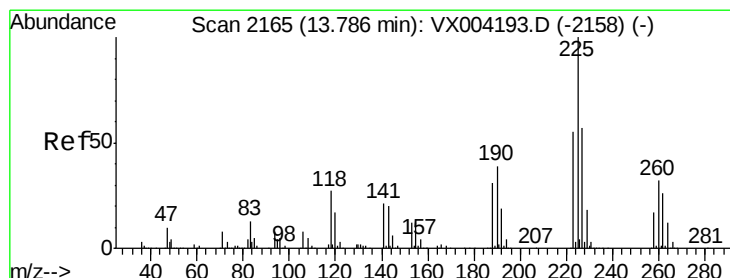
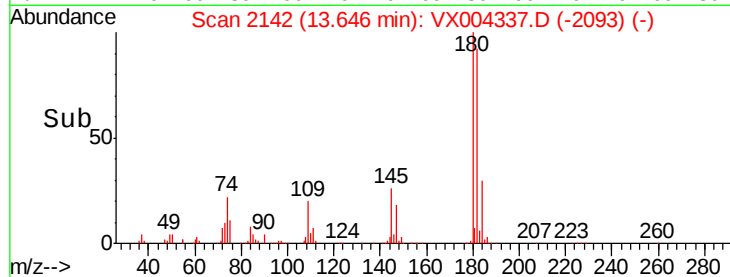
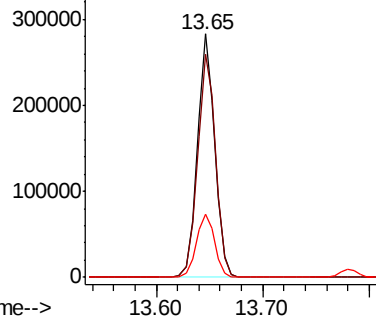
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	48.4	145.0	
145	27.3	14.3	42.9	

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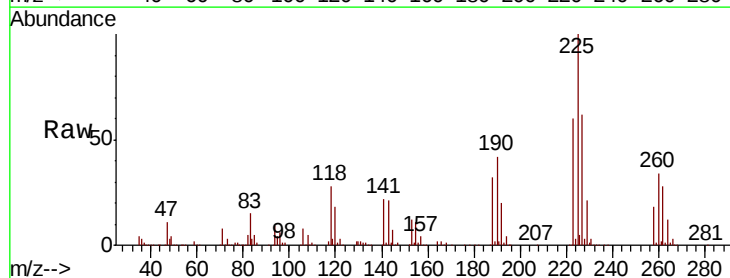


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

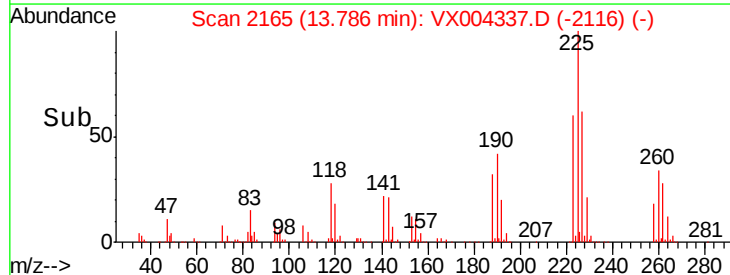
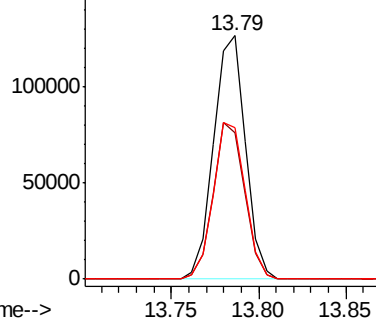


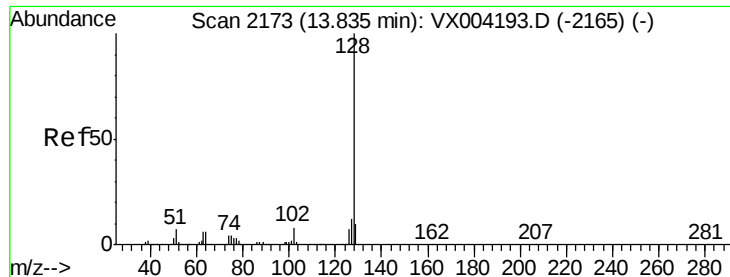
#94
 Hexachlorobutadiene
 Concen: 58.10 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX004337.D
 Acq: 31 Aug 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	30.1	90.5	
227	64.6	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





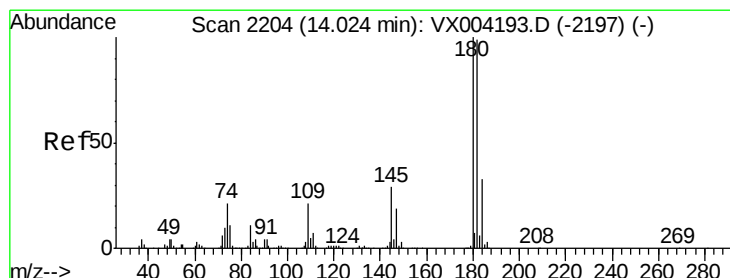
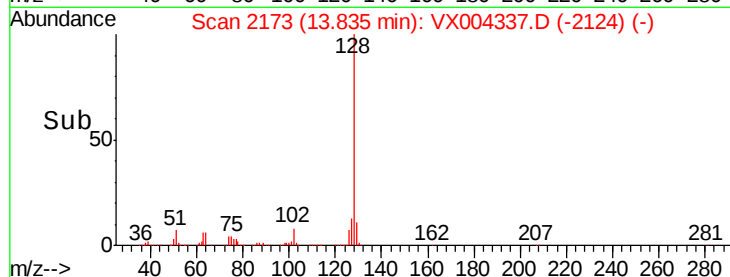
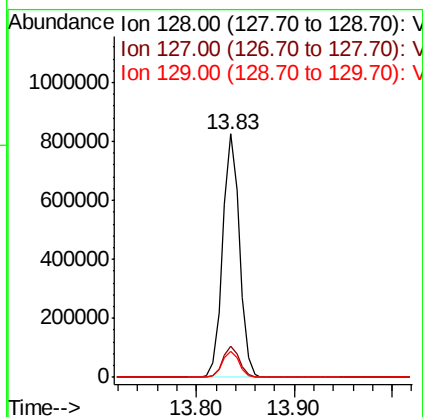
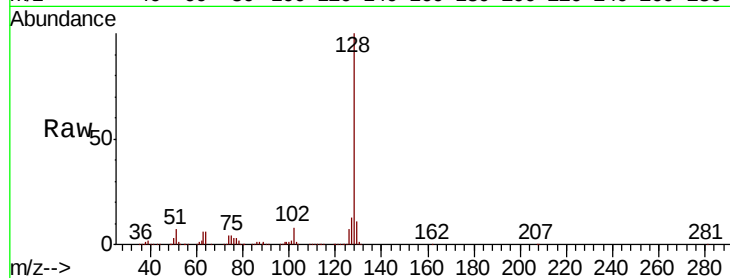
#95
Naphthalene
Concen: 58.55 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	128	Resp:	981055
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	10.8	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 53.43 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX004337.D
Acq: 31 Aug 2018 20:07

Tgt Ion:	180	Resp:	335073
Ion Ratio	Lower	Upper	
180	100		
182	96.2	48.5	145.6
145	30.0	14.9	44.9

