

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004300.D
 Acq On : 29 Aug 2018 18:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 1:38:36 PM

Quant Time: Aug 30 05:54:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	299748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	439547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	400780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	252766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	196016	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	5.50	113	171144	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	8.72	98	631230	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.14	95	239494	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	173860	50.08	ug/l	96
3) Chloromethane	1.32	50	186606	48.64	ug/l	100
4) Vinyl Chloride	1.40	62	196451	50.02	ug/l	100
5) Bromomethane	1.63	94	87314	44.90	ug/l	98
6) Chloroethane	1.71	64	132539	47.60	ug/l	97
7) Trichlorofluoromethane	1.92	101	267759	49.75	ug/l	96
8) Diethyl Ether	2.19	74	118822	51.56	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	164802	48.89	ug/l	100
10) Methyl Iodide	2.51	142	174479	46.22	ug/l	98
11) Tert butyl alcohol	3.08	59	225403	270.66	ug/l	100
12) 1,1-Dichloroethene	2.37	96	156147	49.17	ug/l	96
13) Acrolein	2.29	56	54748	272.68	ug/l	98
14) Allyl chloride	2.72	41	292872	50.20	ug/l	98
15) Acrylonitrile	3.15	53	534335	259.08	ug/l	100
16) Acetone	2.45	43	439244	276.27	ug/l	100
17) Carbon Disulfide	2.56	76	406007	46.10	ug/l	99
18) Methyl Acetate	2.78	43	360316	62.15	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	539915	51.59	ug/l	98
20) Methylene Chloride	2.85	84	185682	49.37	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	169748	48.30	ug/l	97
22) Diisopropyl ether	3.87	45	550557	50.54	ug/l	99
23) Vinyl Acetate	3.82	43	2166539	245.39	ug/l	99
24) 1,1-Dichloroethane	3.69	63	327905	51.65	ug/l	99
25) 2-Butanone	4.71	43	695649	265.92	ug/l	100
26) 2,2-Dichloropropane	4.58	77	184693	37.09	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	197225	49.47	ug/l	97
28) Bromochloromethane	5.02	49	146118	51.99	ug/l	100
29) Tetrahydrofuran	5.17	42	441832	263.22	ug/l	99
30) Chloroform	5.21	83	323139	50.77	ug/l	98
31) Cyclohexane	5.57	56	270941	49.46	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	271939	51.24	ug/l	99
36) 1,1-Dichloropropene	5.80	75	238516	48.27	ug/l	99
37) Ethyl Acetate	4.86	43	248227	51.08	ug/l	99
38) Carbon Tetrachloride	5.78	117	237536	51.10	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	267330	47.38	ug/l	97
40) Benzene	6.14	78	742391	50.28	ug/l	100
41) Methacrylonitrile	5.06	41	145953	51.81	ug/l	98
42) 1,2-Dichloroethane	6.20	62	250306	49.70	ug/l	100
43) Isopropyl Acetate	6.47	43	388179	51.98	ug/l	99
44) Trichloroethene	7.21	130	197068	48.22	ug/l	98
45) 1,2-Dichloropropane	7.52	63	189671	51.32	ug/l	100
46) Dibromomethane	7.66	93	123869	50.34	ug/l	99
47) Bromodichloromethane	7.90	83	243046	53.08	ug/l	99
48) Methyl methacrylate	7.78	41	212487	53.18	ug/l	99
49) 1,4-Dioxane	7.76	88	98136	1081.71	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1387838	255.78	ug/l	100
52) Toluene	8.79	92	470339	50.89	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	253929	50.21	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	280511	50.92	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	193995	51.99	ug/l	99
56) Ethyl methacrylate	9.18	69	280745	55.27	ug/l	98
57) 1,3-Dichloropropane	9.37	76	326673	51.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	721842	277.36	ug/l	100
59) 2-Hexanone	9.50	43	1061683	256.48	ug/l	100
60) Dibromochloromethane	9.59	129	193755	53.30	ug/l	99
61) 1,2-Dibromoethane	9.68	107	193592	50.14	ug/l	98
64) Tetrachloroethene	9.34	164	203577	51.42	ug/l	99
65) Chlorobenzene	10.14	112	511441	50.85	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	183241	52.82	ug/l	99
67) Ethyl Benzene	10.26	91	834046	51.06	ug/l	97
68) m/p-Xylenes	10.36	106	676642	105.93	ug/l	98
69) o-Xylene	10.70	106	340942	56.43	ug/l	100
70) Styrene	10.71	104	568732	58.13	ug/l	100
71) Bromoform	10.86	173	154268	55.16	ug/l	99
73) Isopropylbenzene	11.02	105	910709	54.86	ug/l	100
74) N-amyl acetate	10.90	43	349508	54.68	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	301906	51.97	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	267691m	52.07	ug/l	
77) Bromobenzene	11.26	156	242373	52.05	ug/l	98
78) n-propylbenzene	11.36	91	1040856	54.51	ug/l	100
79) 2-Chlorotoluene	11.42	91	616919	52.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	747888	54.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	80546	50.84	ug/l	97
82) 4-Chlorotoluene	11.51	91	720879	52.13	ug/l	99
83) tert-Butylbenzene	11.77	119	750297	54.24	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	785335	55.65	ug/l	100
85) sec-Butylbenzene	11.95	105	896917	54.62	ug/l	100
86) p-Isopropyltoluene	12.07	119	775203	52.67	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	444070	50.65	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	422817	45.74	ug/l	97
89) n-Butylbenzene	12.39	91	609079	50.89	ug/l	99
90) Hexachloroethane	12.60	117	112563	54.72	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	412260	51.45	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54627	53.38	ug/l	96

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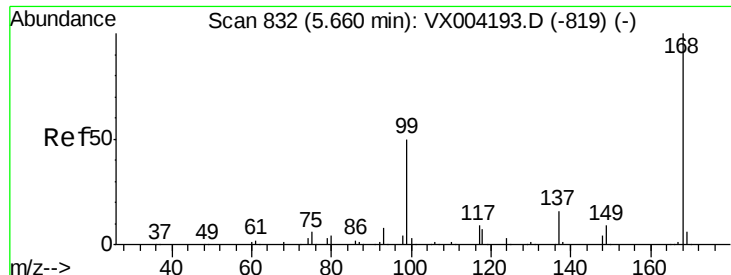
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	303433	52.04	ug/l	98
94) Hexachlorobutadiene	13.79	225	140872	51.94	ug/l	96
95) Naphthalene	13.83	128	1003022	60.82	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	332918	53.94	ug/l	99

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



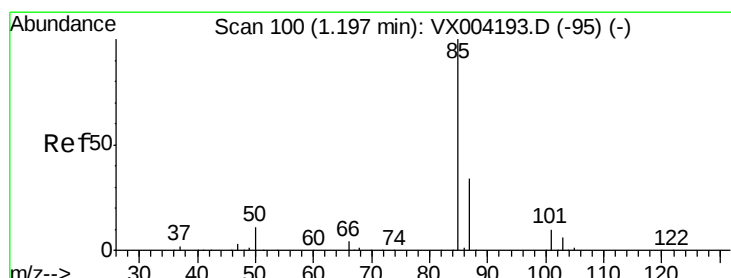
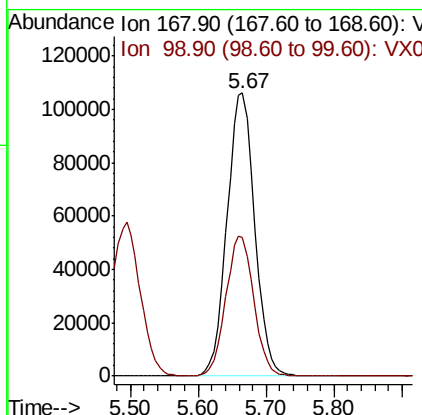
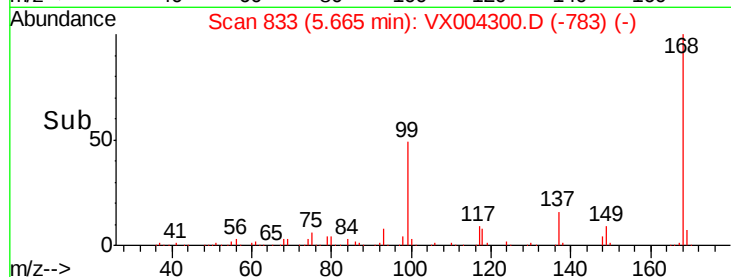
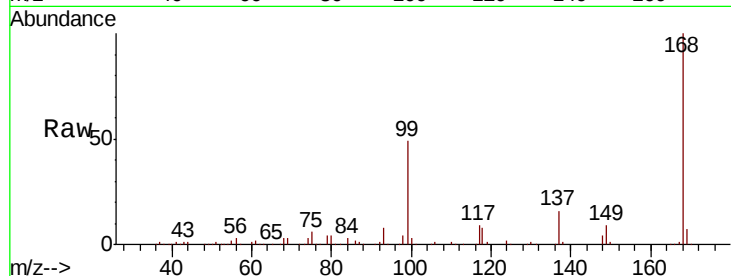
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.9	59.9

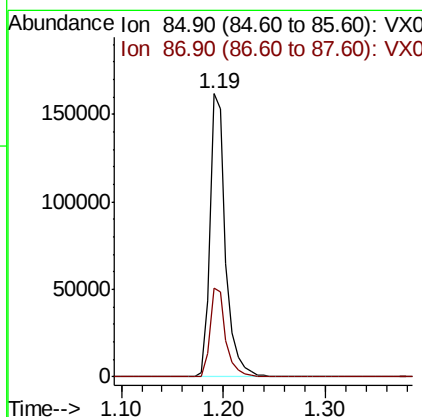
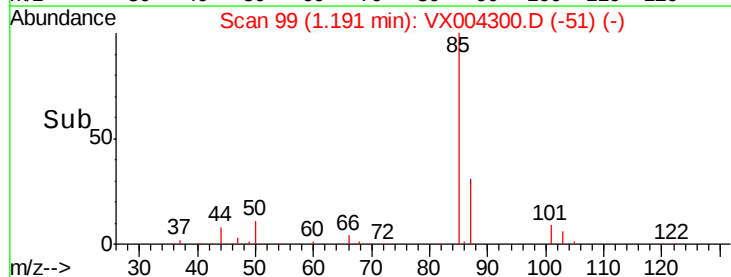
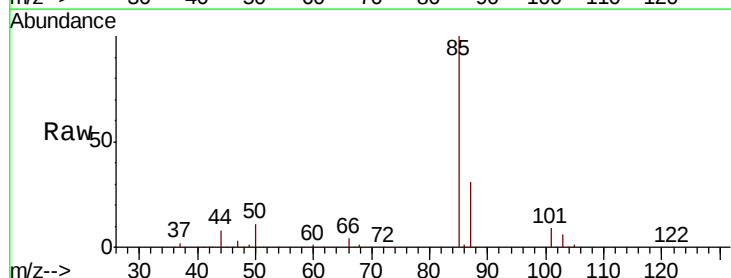
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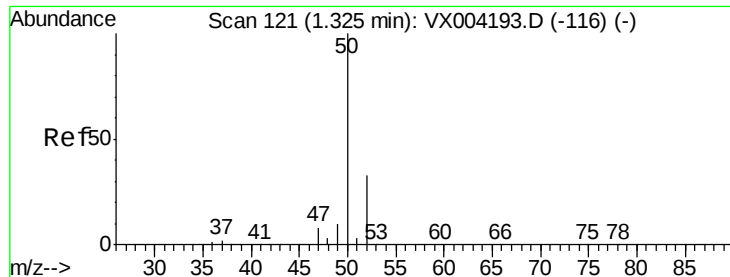
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#2
Dichlorodifluoromethane
Concen: 50.08 ug/l
RT: 1.19 min Scan# 99
Delta R.T. -0.01 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.5	17.0	50.9





#3

Chloromethane

Concen: 48.64 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 186606

Ion Ratio Lower Upper

50 100

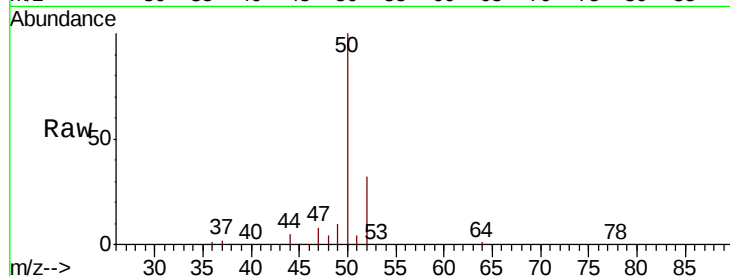
52 32.5 26.2 39.2

Manual Integrations

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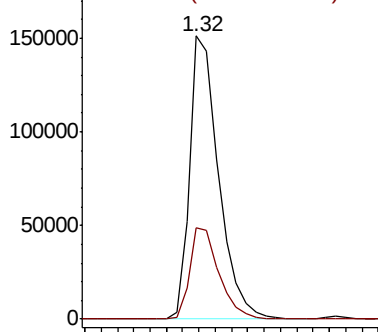
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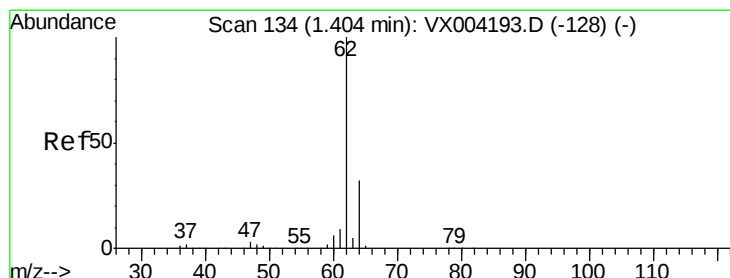
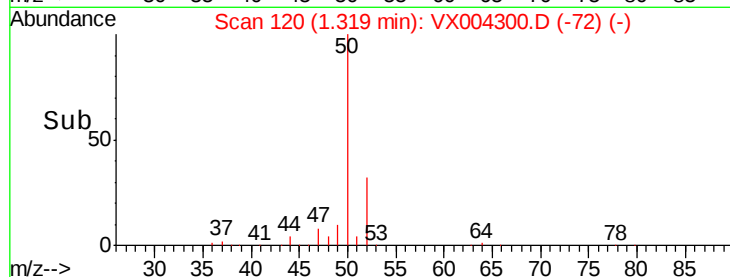


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 50.02 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004300.D

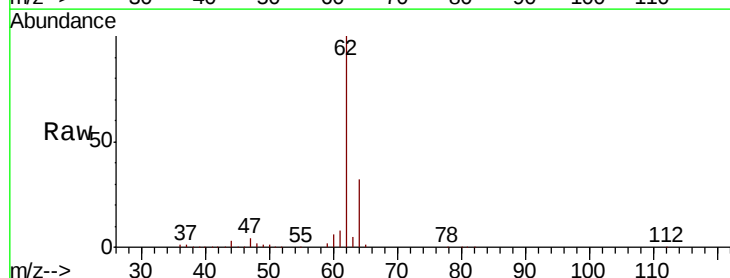
Acq: 29 Aug 2018 18:31

Tgt Ion: 62 Resp: 196451

Ion Ratio Lower Upper

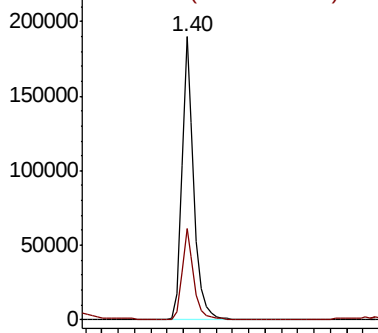
62 100

64 32.0 25.8 38.8

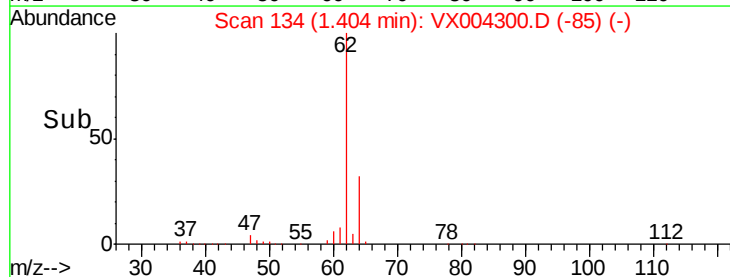


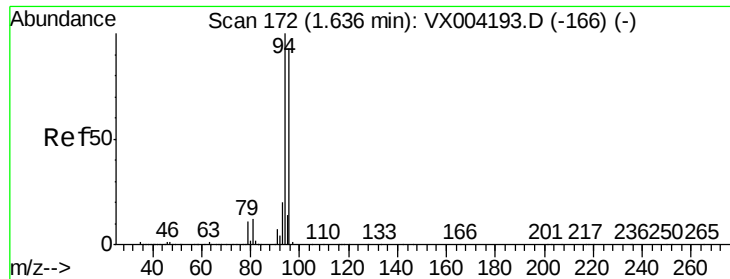
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 44.90 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 87314

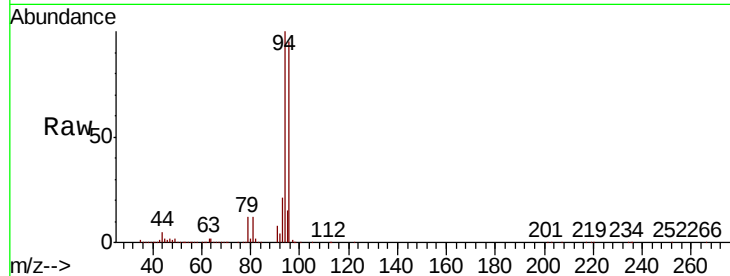
Ion Ratio Lower Upper

94 100

96 95.1 74.5 111.7

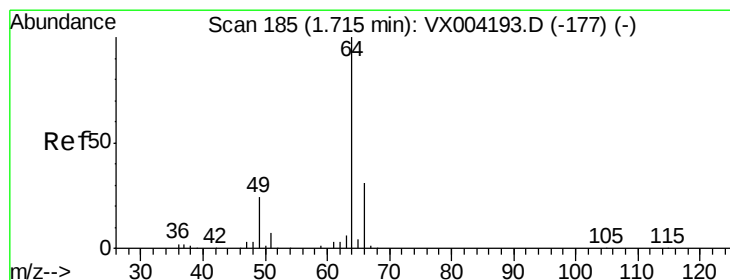
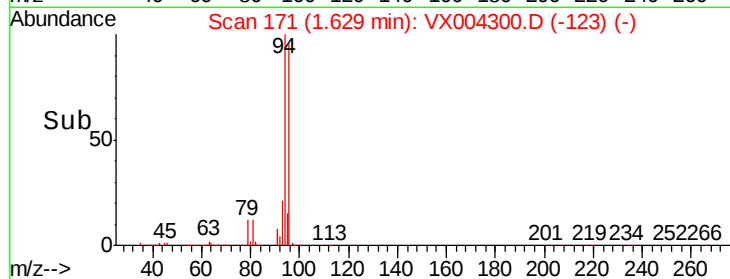
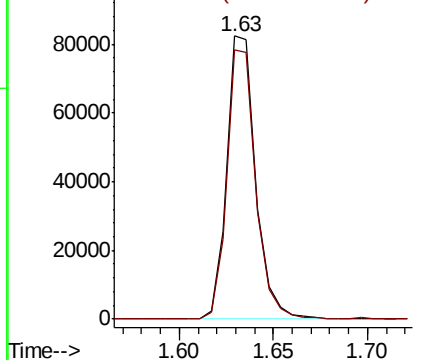
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.60 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX004300.D

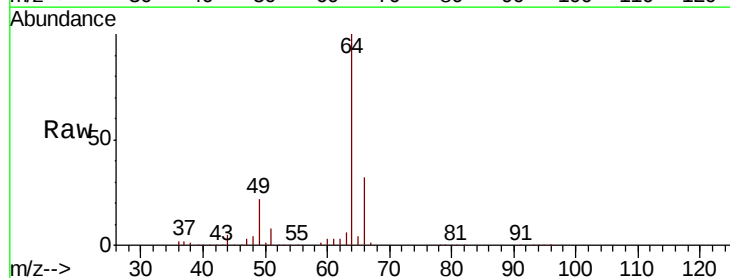
Acq: 29 Aug 2018 18:31

Tgt Ion: 64 Resp: 132539

Ion Ratio Lower Upper

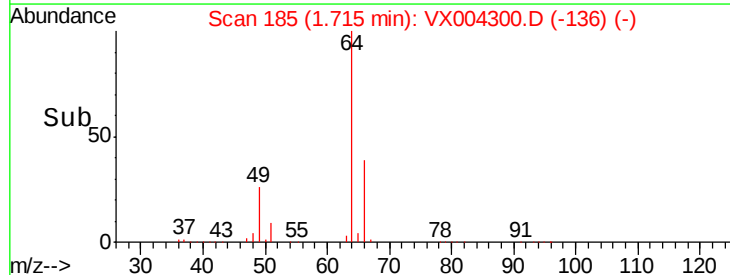
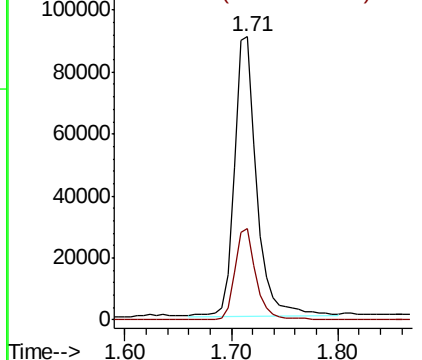
64 100

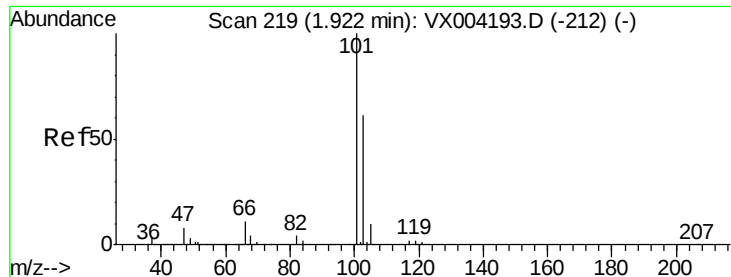
66 32.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

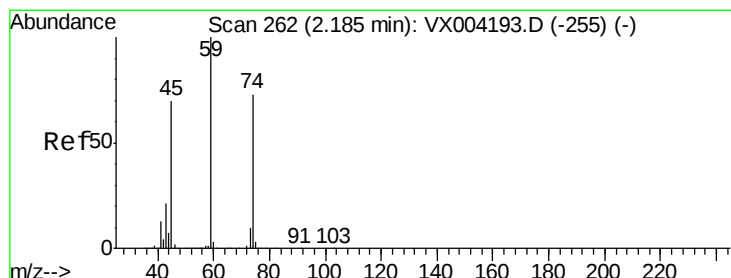
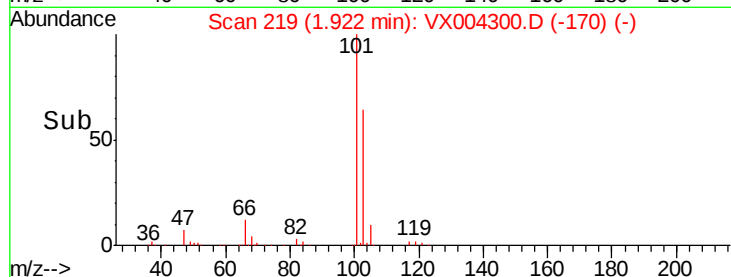
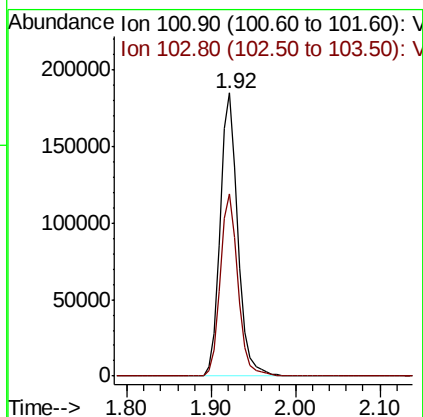
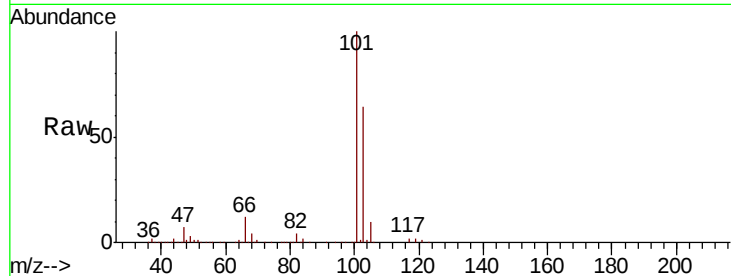
Trichlorofluoromethane
Concen: 49.75 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	48.9	73.3

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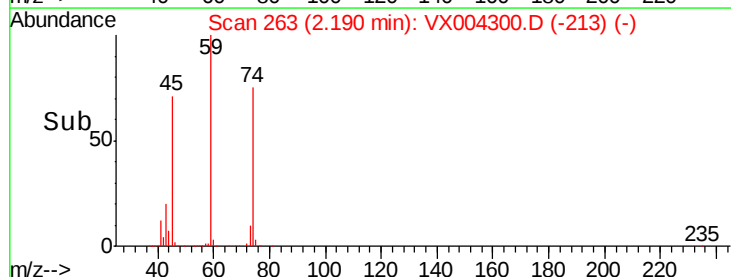
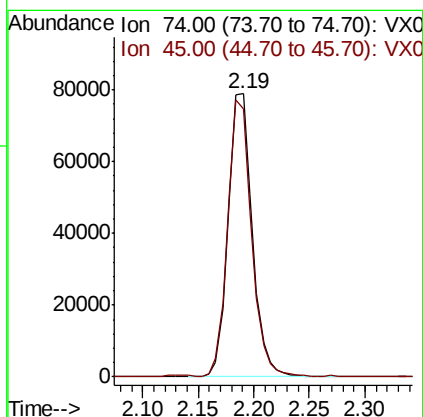
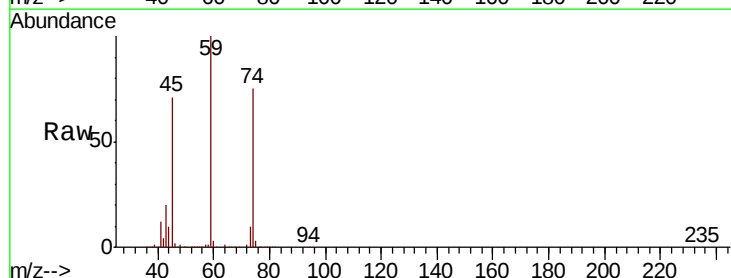
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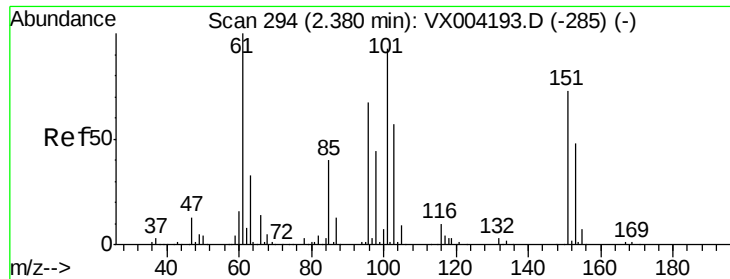


#8

Diethyl Ether
Concen: 51.56 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.01 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.0	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.89 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

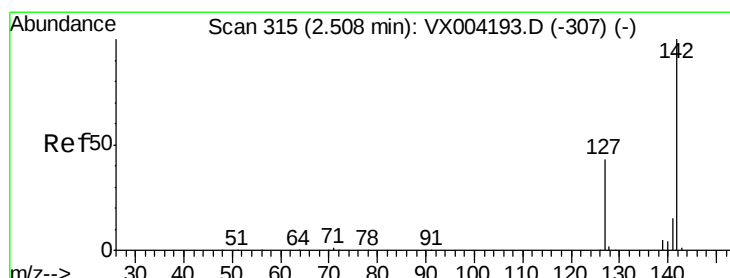
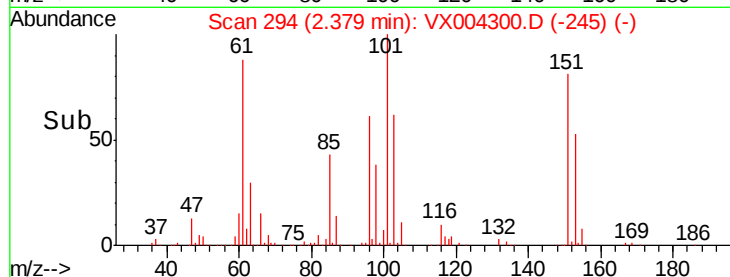
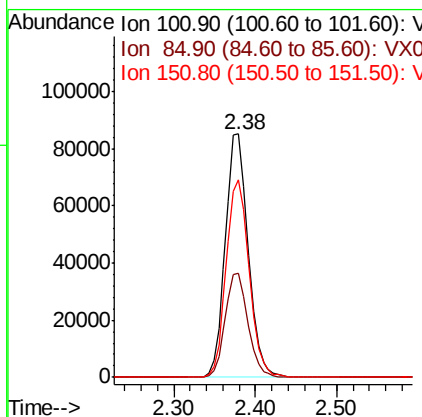
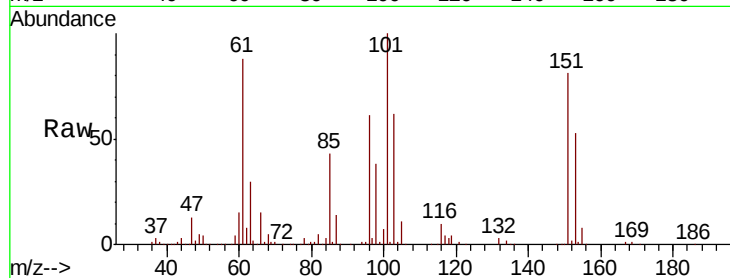
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	164802
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.2	51.4
151	81.4	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 46.22 ug/l

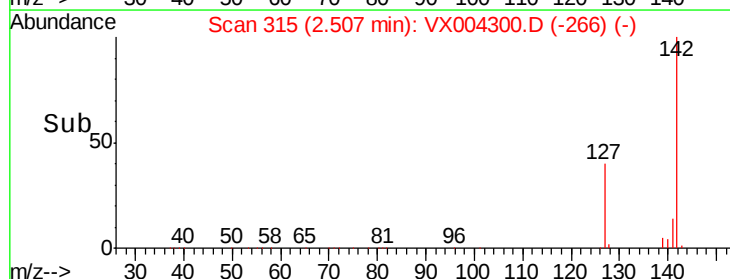
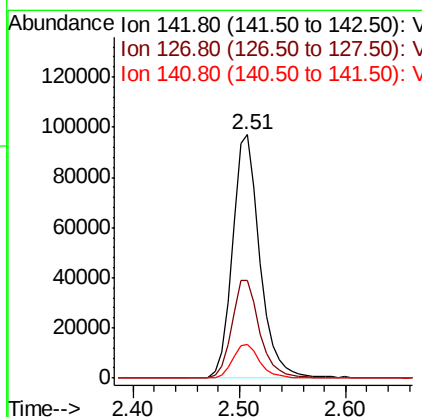
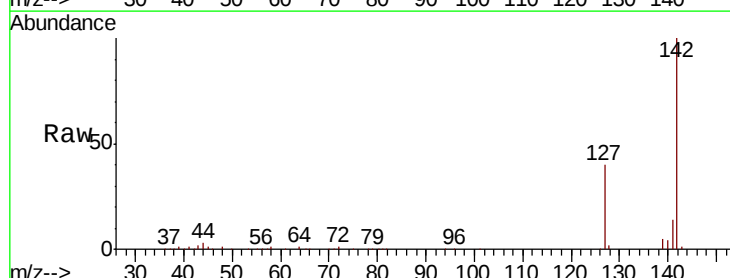
RT: 2.51 min Scan# 315

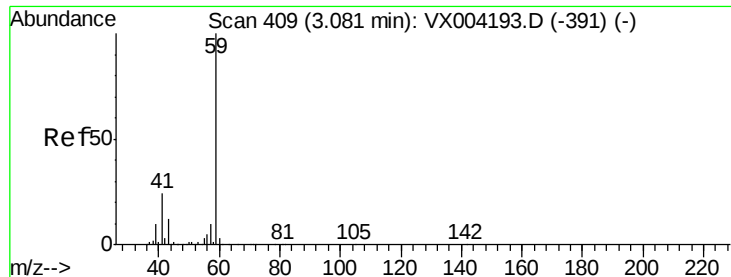
Delta R.T. 0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Tgt Ion:	142	Resp:	174479
Ion Ratio	Lower	Upper	
142	100		
127	41.0	33.8	50.6
141	14.0	11.4	17.0





#11

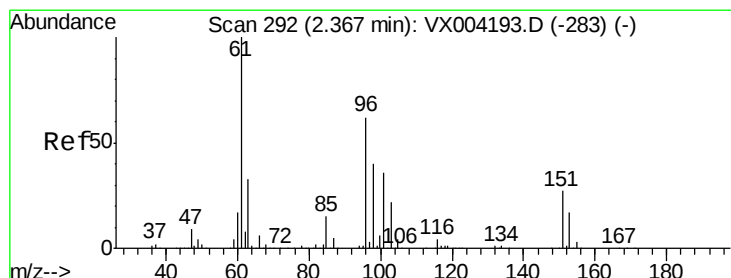
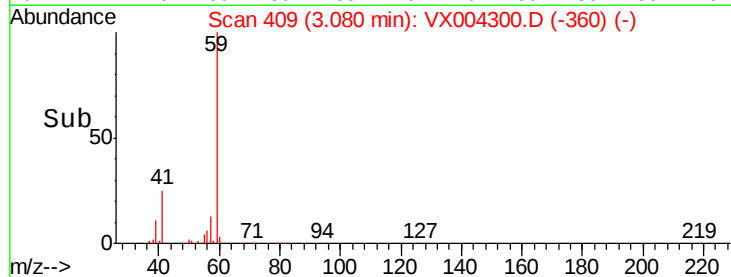
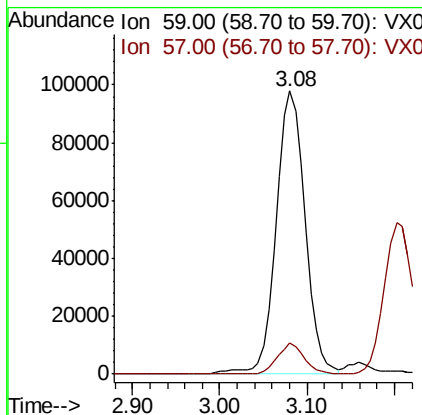
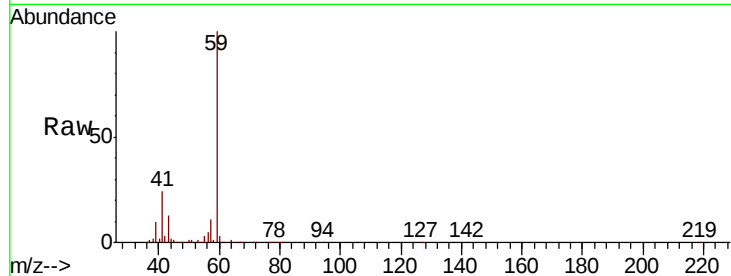
Tert butyl alcohol
 Concen: 270.66 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	225403
Ion Ratio	100	Lower	Upper
57	10.1	8.2	12.4

Manual Integrations
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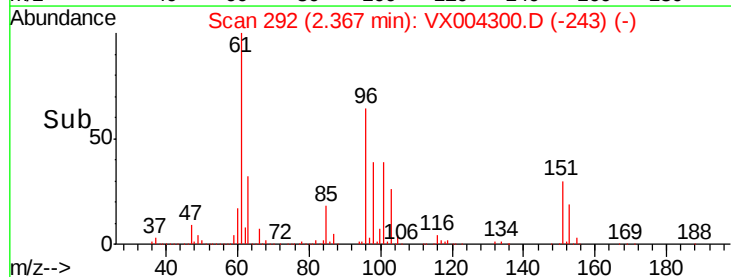
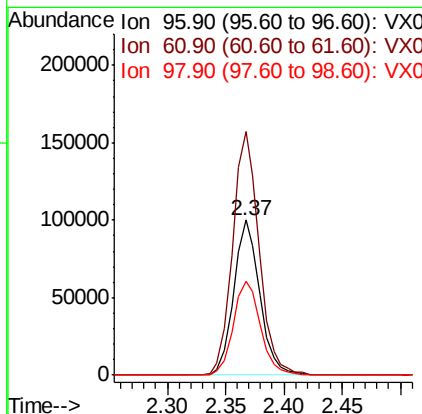
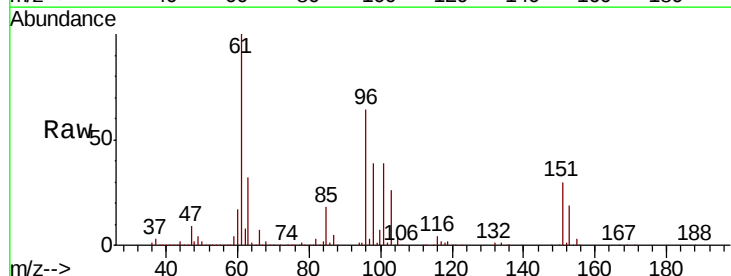
MMDadoda
 8/30/2018 1:38:36 PM

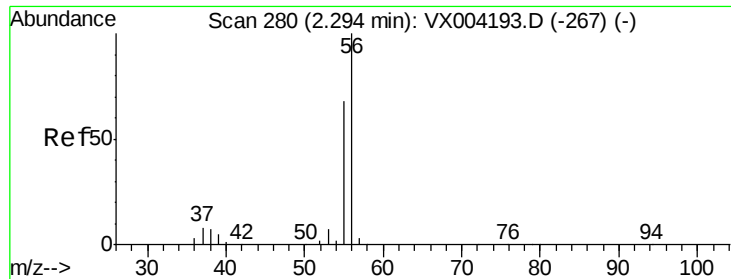


#12

1,1-Dichloroethene
 Concen: 49.17 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Tgt Ion	96	Resp	156147
Ion Ratio	100	Lower	Upper
61	157.3	128.8	193.2
98	60.7	52.2	78.2





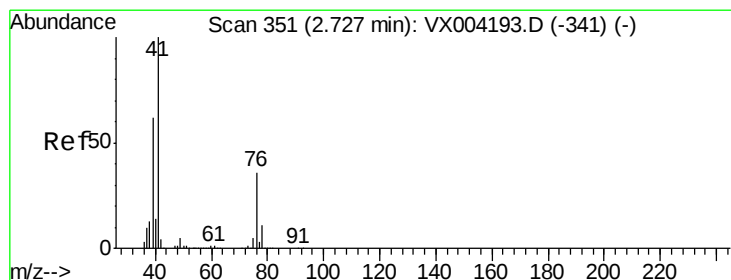
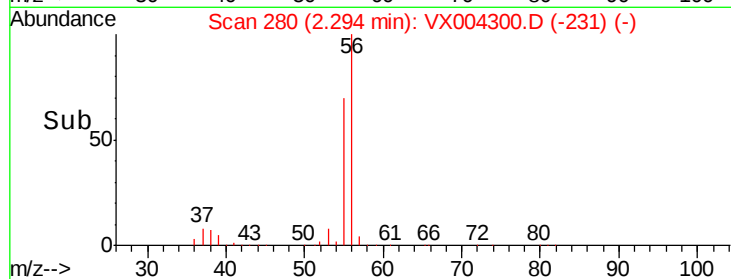
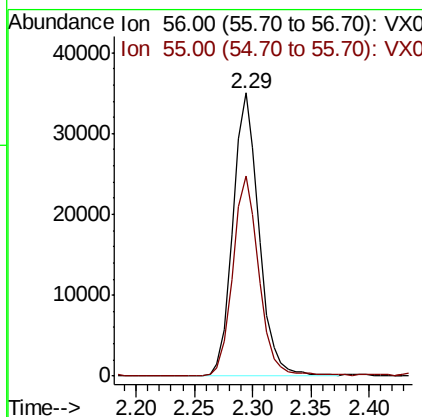
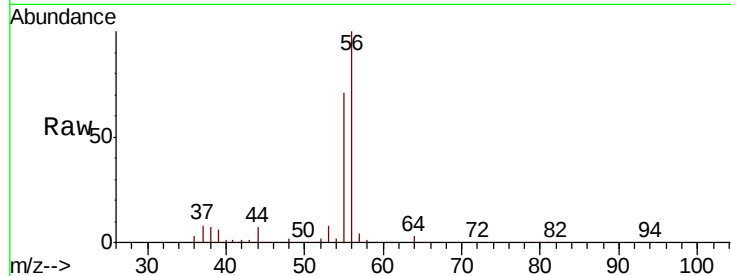
#13
Acrolein
Concen: 272.68 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	55	Ratio	Lower	Upper
56	100				
55	70.3			54.7	82.1

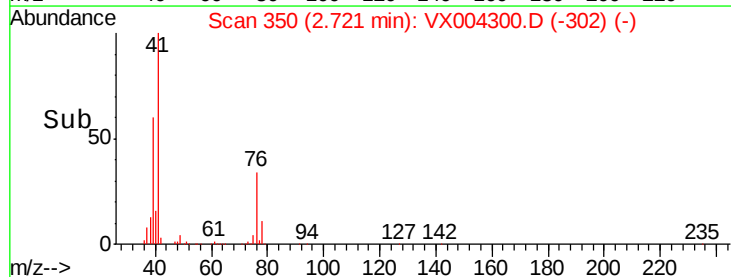
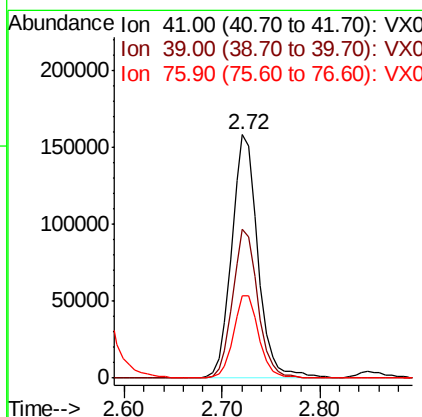
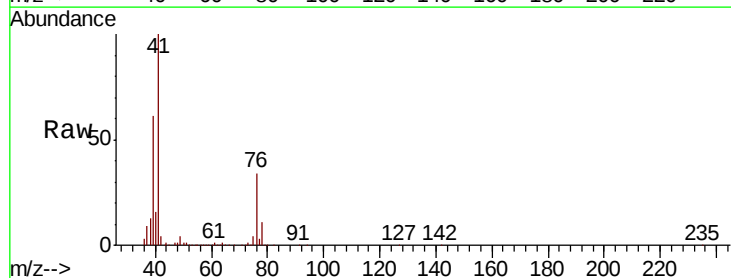
Manual Integrations
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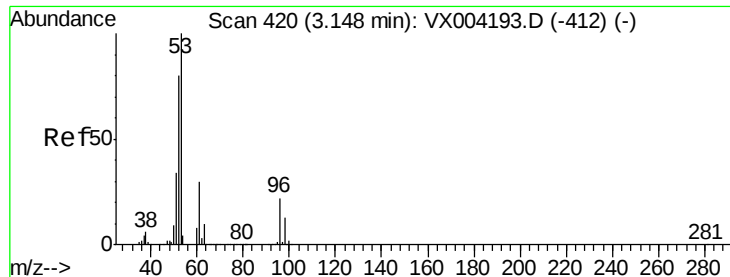
MMDadoda
8/30/2018 1:38:36 PM



#14
Allyl chloride
Concen: 50.20 ug/l
RT: 2.72 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tgt Ion	41	39	76	Ratio	Lower	Upper
41	100					
39	58.8				48.9	73.3
76	32.9				26.7	40.1





#15

Acrylonitrile

Concen: 259.08 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

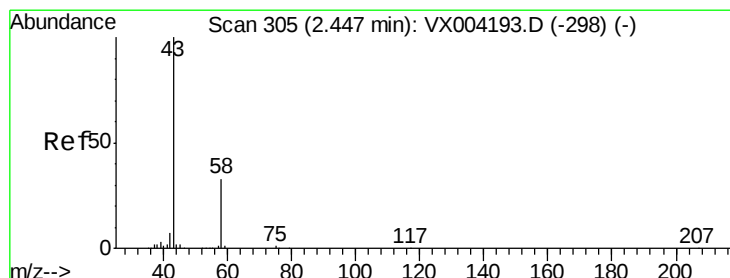
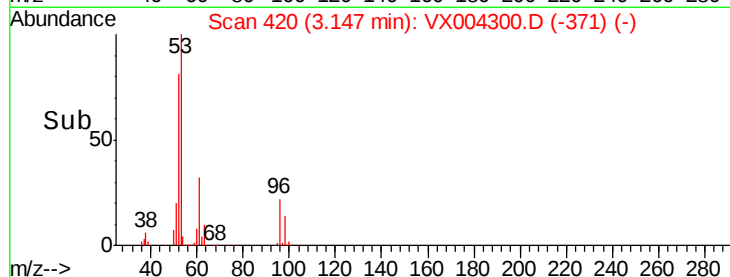
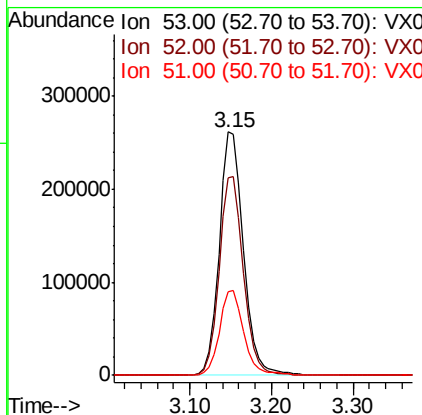
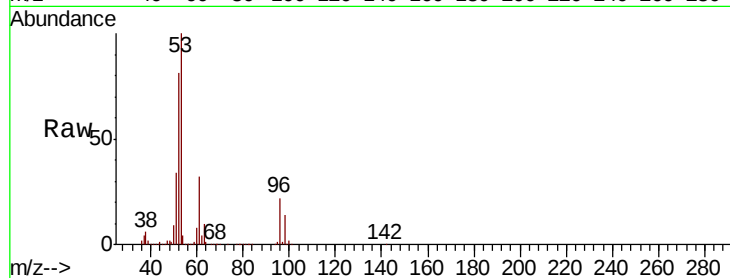
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	534335
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.2	97.8
51	35.1	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 276.27 ug/l

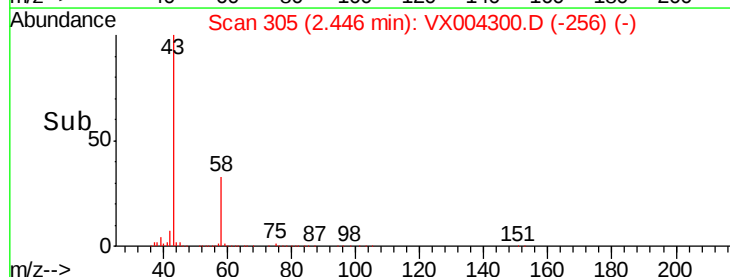
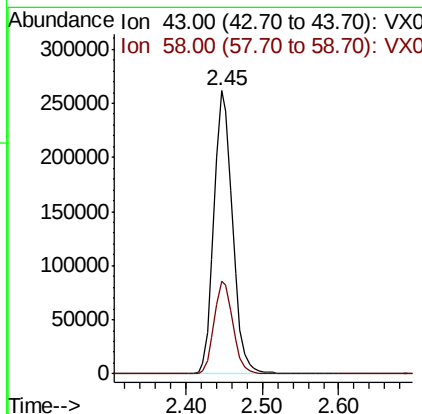
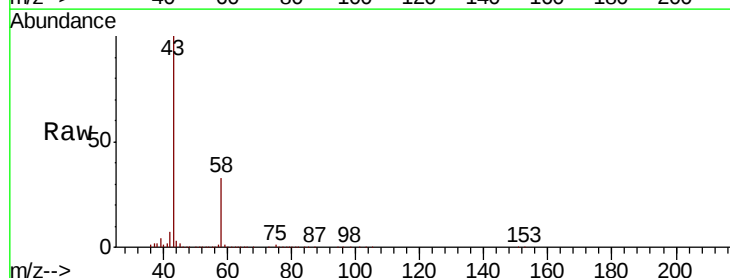
RT: 2.45 min Scan# 305

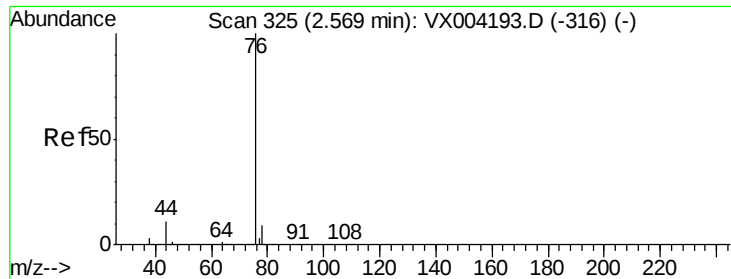
Delta R.T. 0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Tgt Ion:	43	Resp:	439244
Ion Ratio	Lower	Upper	
43	100		
58	33.0	26.2	39.4





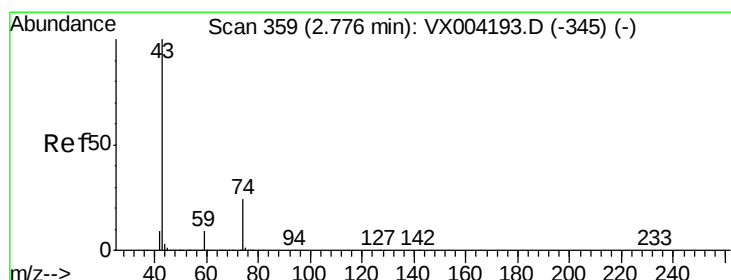
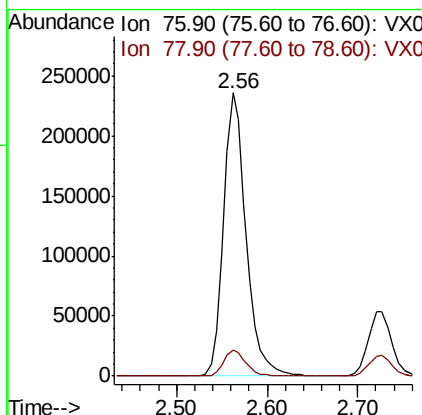
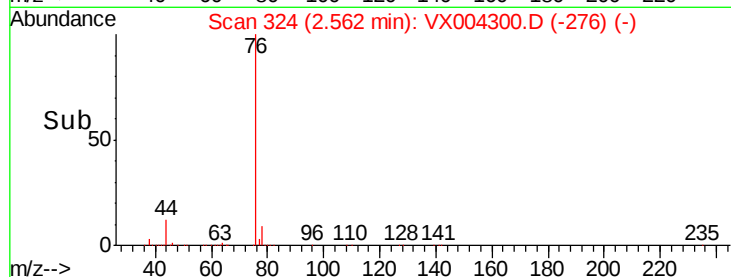
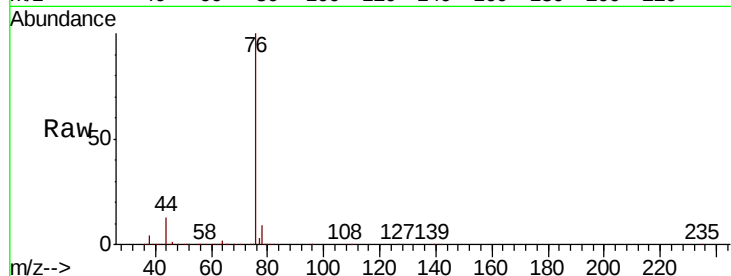
#17
Carbon Disulfide
Concen: 46.10 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6

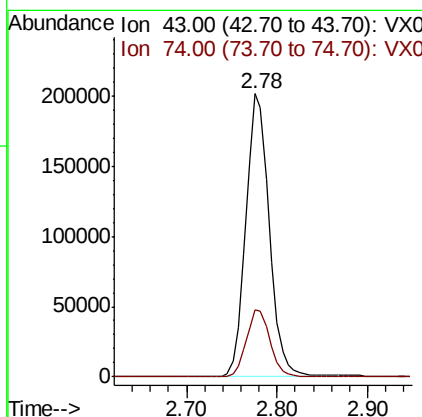
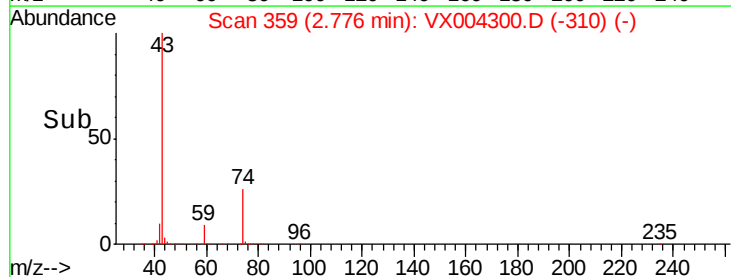
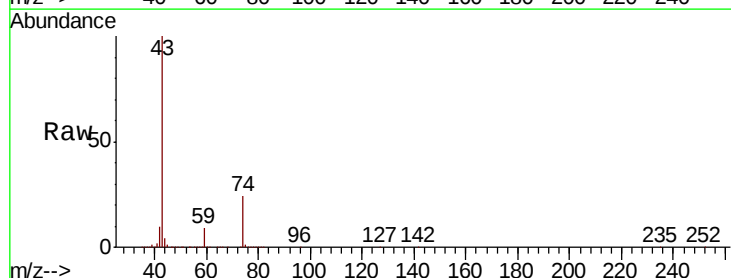
Manual Integrations
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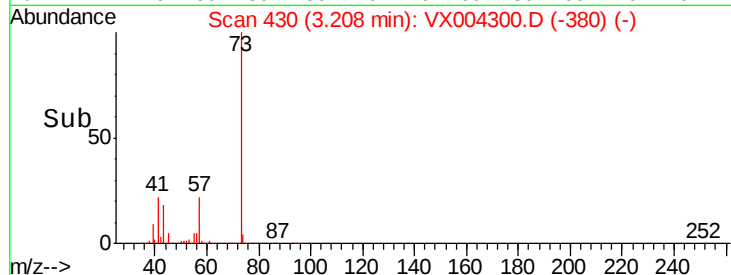
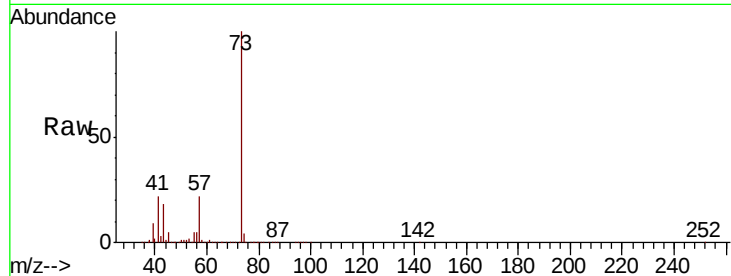
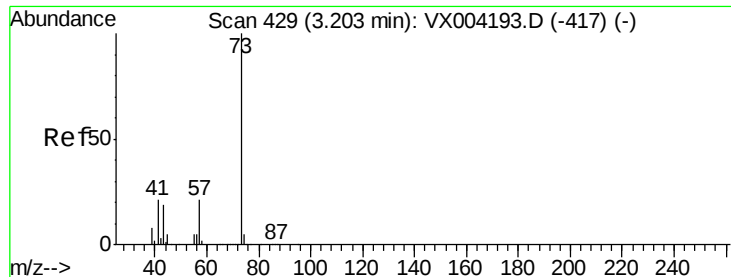
MMDadoda
8/30/2018 1:38:36 PM



#18
Methyl Acetate
Concen: 62.15 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.4	29.2





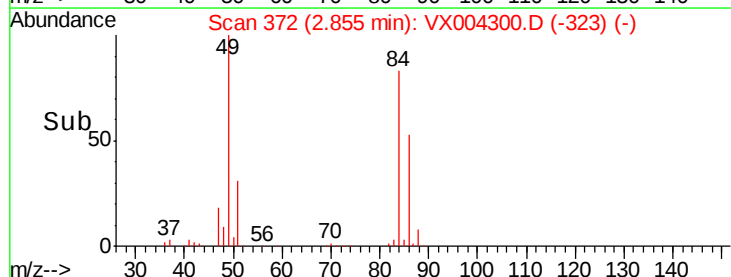
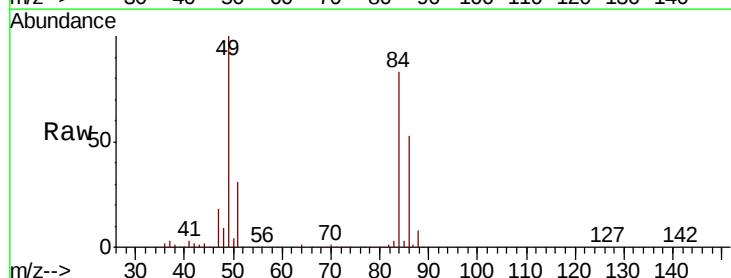
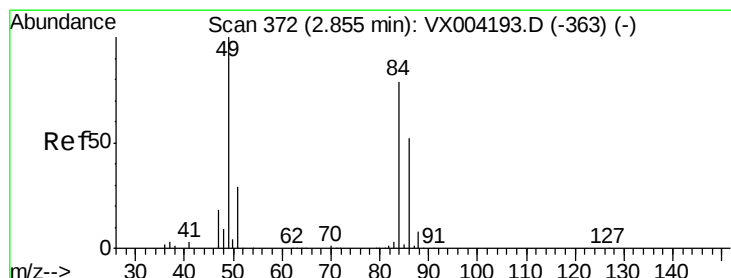
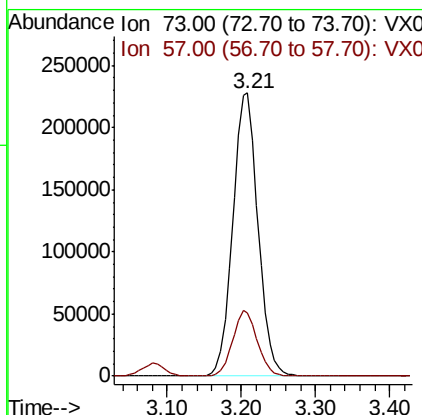
#19
Methvl tert-butvl Ether
Concen: 51.59 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.01 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tot Ion: 73 Resp: 539915
Ion Ratio Lower Upper
73 100
57 22.4 17.1 25.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

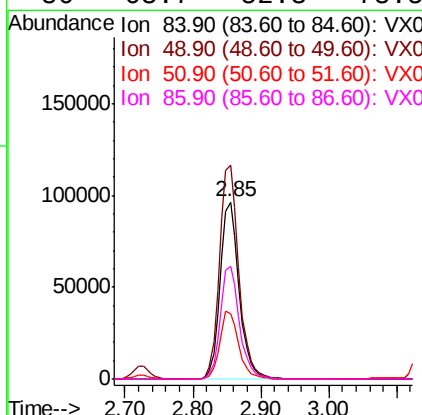
Manual Integrations
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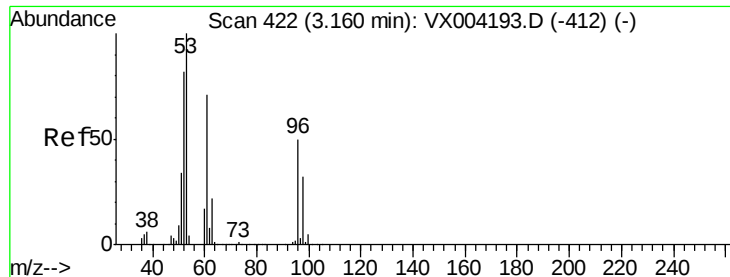
MMDadoda
8/30/2018 1:38:36 PM



#20
Methylene Chloride
Concen: 49.37 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tgt Ion: 84 Resp: 185682
Ion Ratio Lower Upper
84 100
49 120.7 101.2 151.8
51 37.1 29.5 44.3
86 63.7 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 48.30 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 169748

Ion Ratio Lower Upper

96 100

61 137.0 113.8 170.6

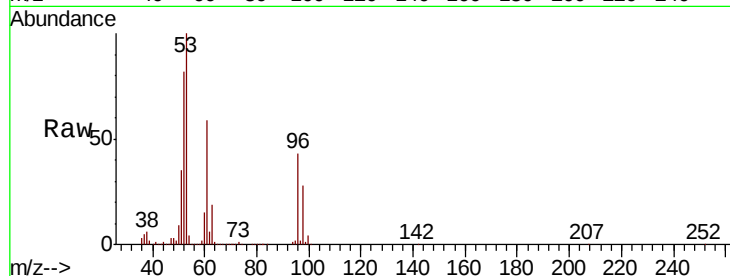
98 63.8 51.8 77.8

Manual Integrations

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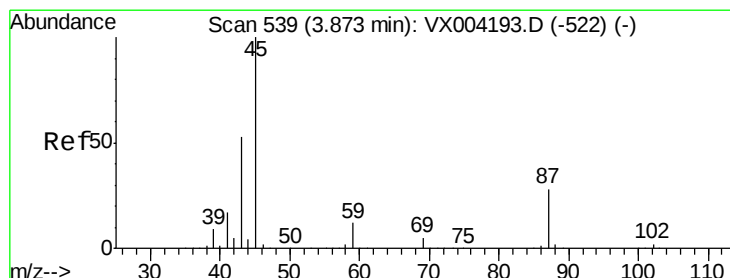
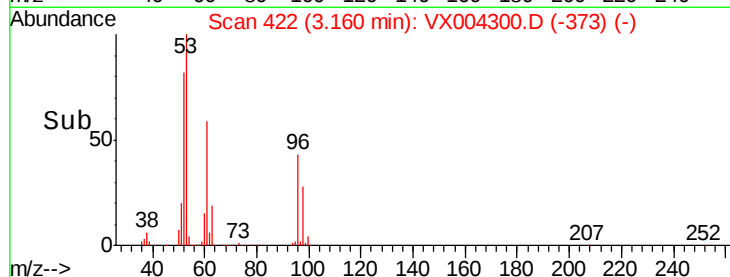
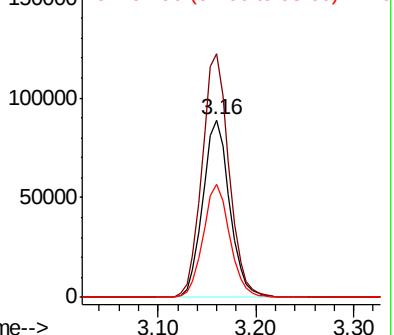


Abundance

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: 50.54 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Tgt Ion: 45 Resp: 550557

Ion Ratio Lower Upper

45 100

43 55.1 42.8 64.2

87 28.0 22.6 34.0

59 12.0 9.6 14.4

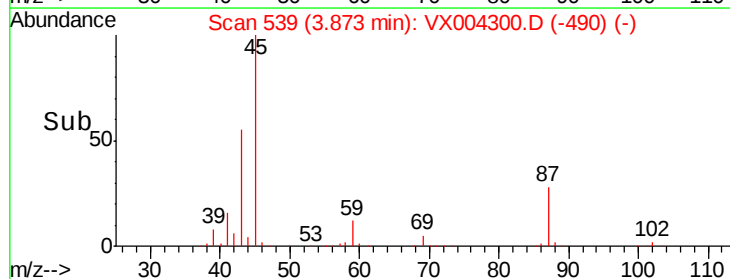
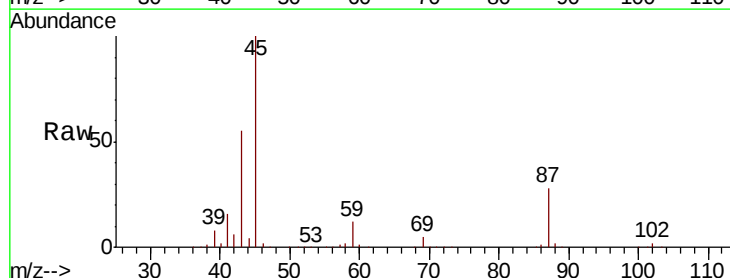
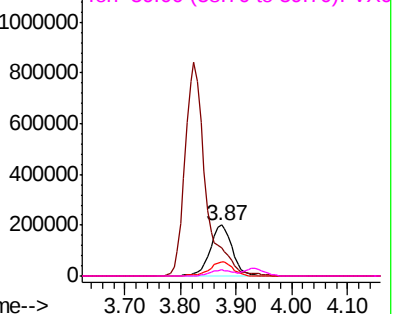
Abundance

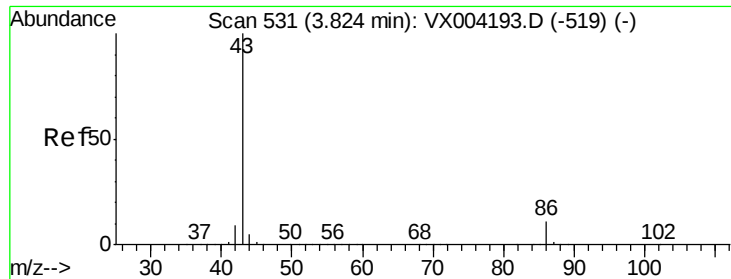
Ion 45.00 (44.70 to 45.70): VX0

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: 245.39 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2166539

Ion Ratio Lower Upper

43 100

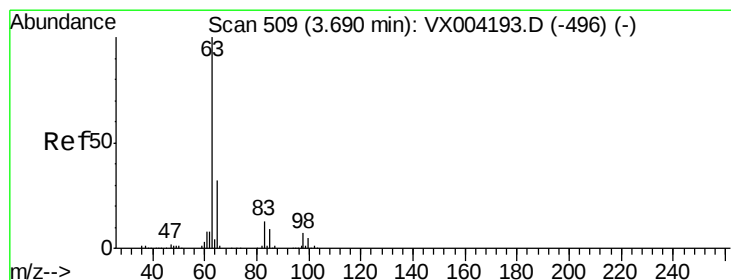
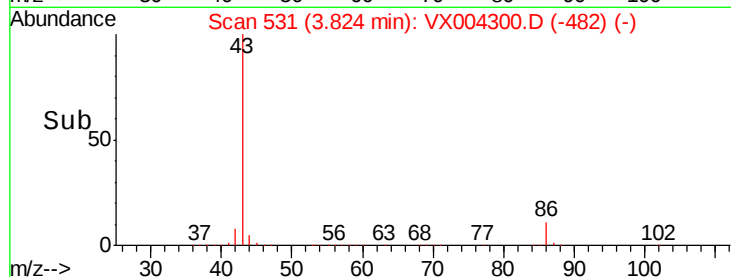
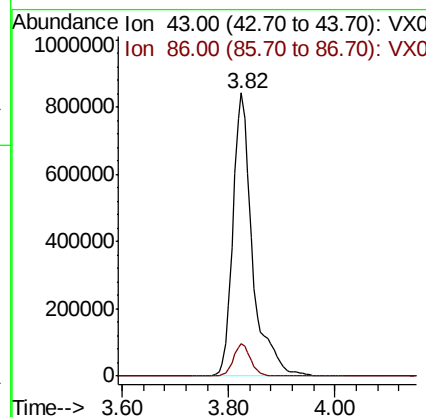
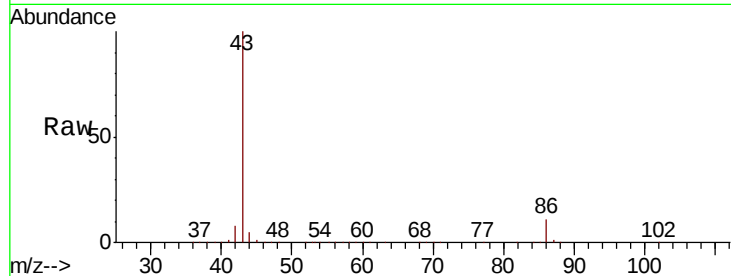
86 11.3 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.65 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

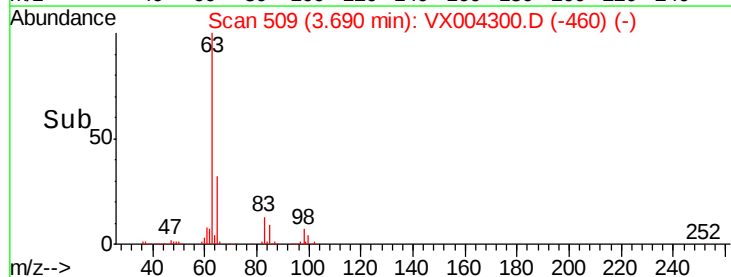
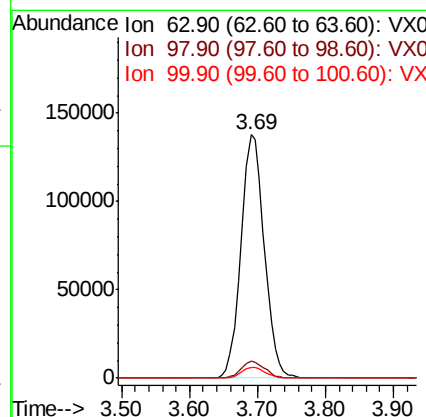
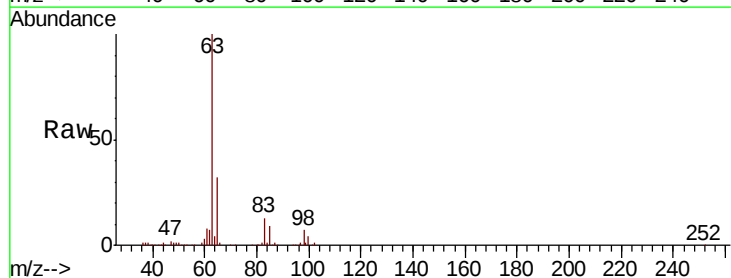
Tgt Ion: 63 Resp: 327905

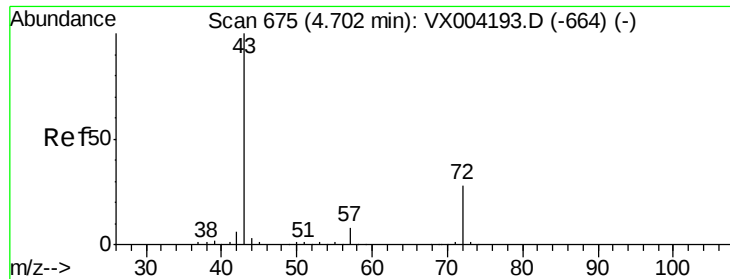
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 265.92 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 695649

Ion Ratio Lower Upper

43 100

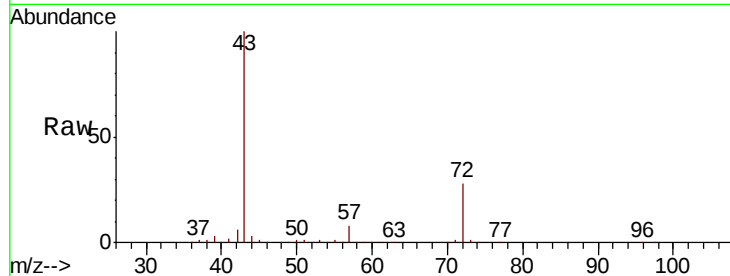
72 27.7 22.0 33.0

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

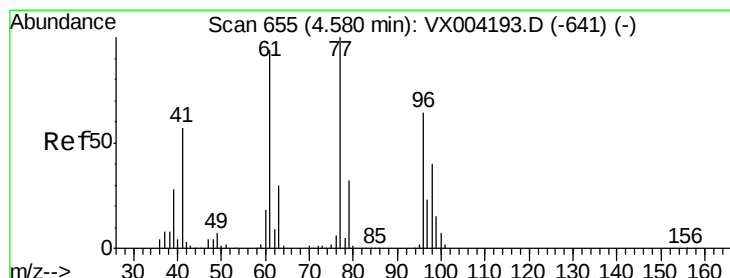
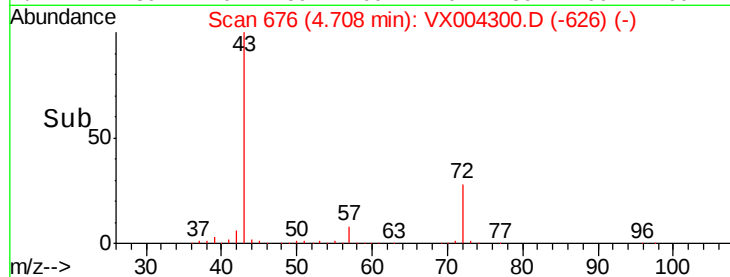
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 37.09 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004300.D

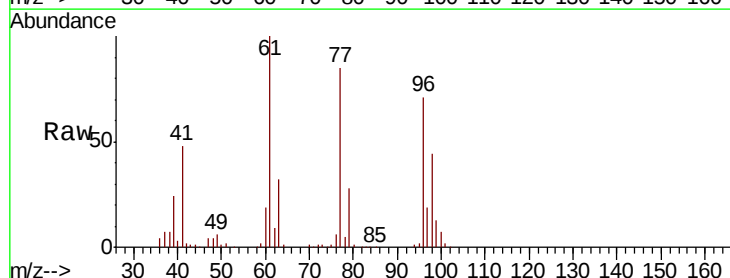
Acq: 29 Aug 2018 18:31

Tgt Ion: 77 Resp: 184693

Ion Ratio Lower Upper

77 100

97 24.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

40000

20000

0

4.40

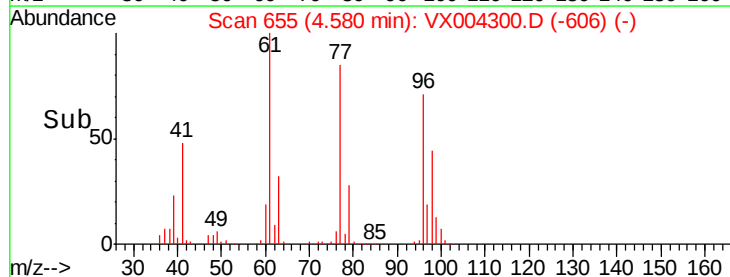
4.50

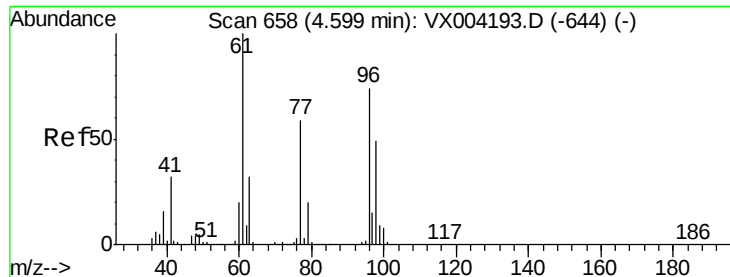
4.60

4.70

4.80

Time-->





#27

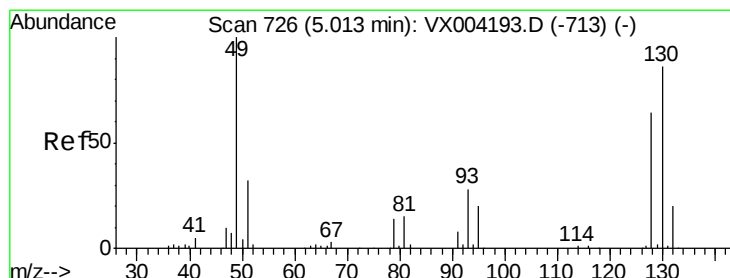
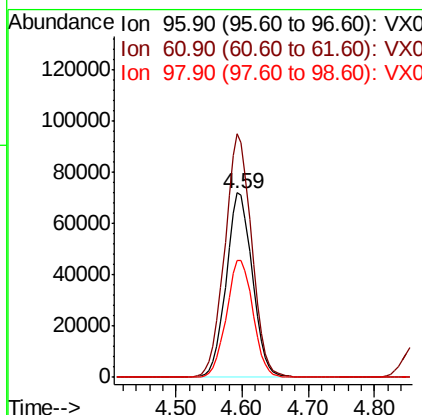
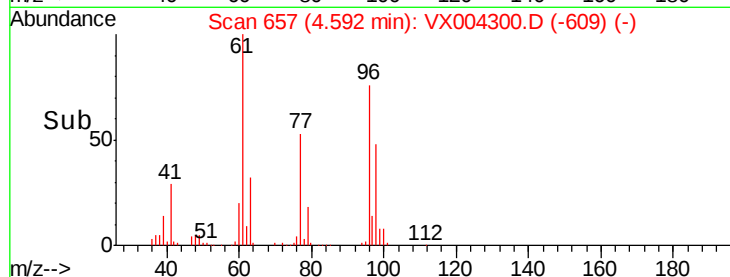
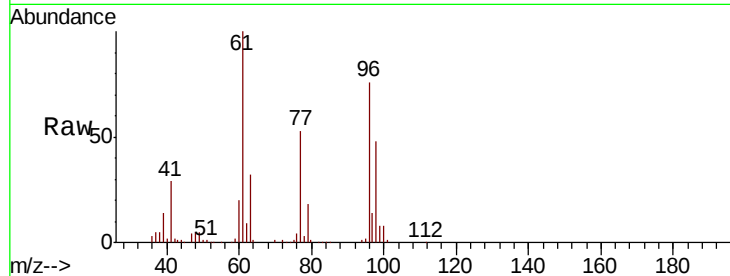
cis-1,2-Dichloroethene
 Concen: 49.47 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	197225		
61	135.6	0.0	282.6	
98	64.6	0.0	130.2	

Manual Integrations
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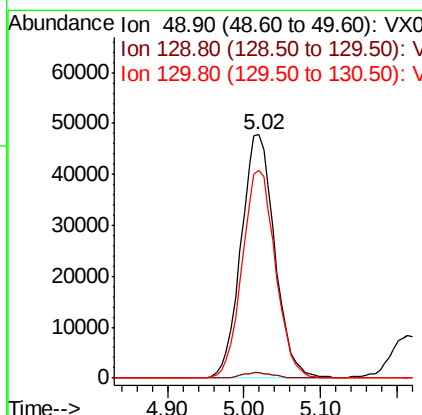
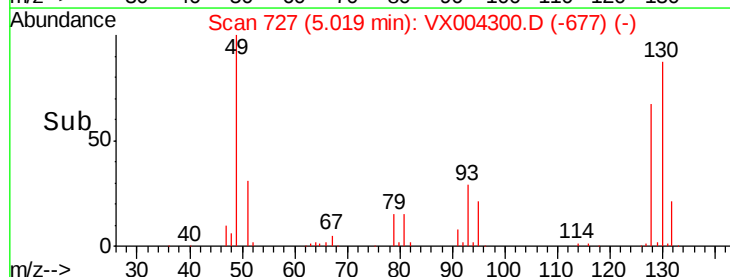
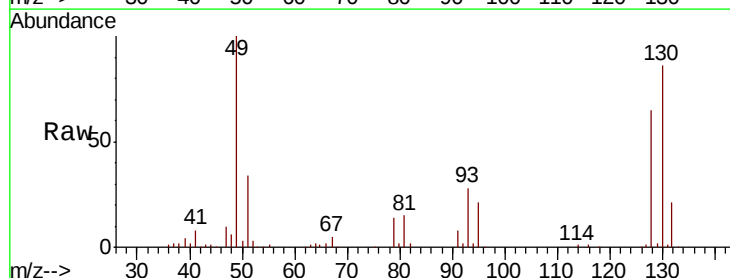
MMDadoda
 8/30/2018 1:38:36 PM

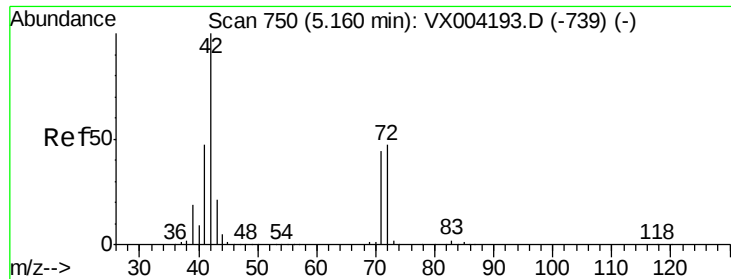


#28

Bromochloromethane
 Concen: 51.99 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	146118		
129	2.1	0.0	4.2	
130	84.6	67.5	101.3	





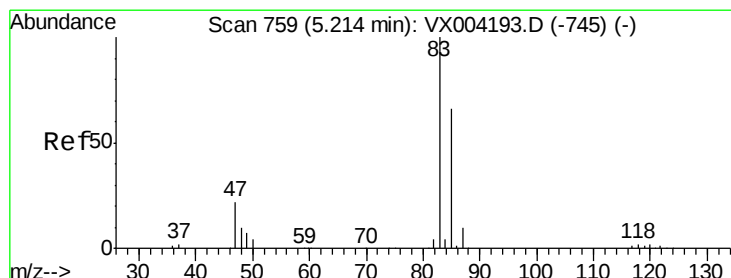
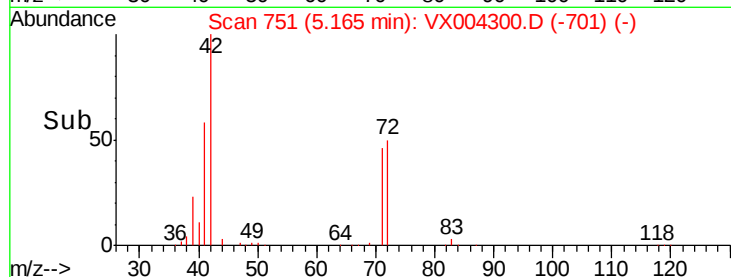
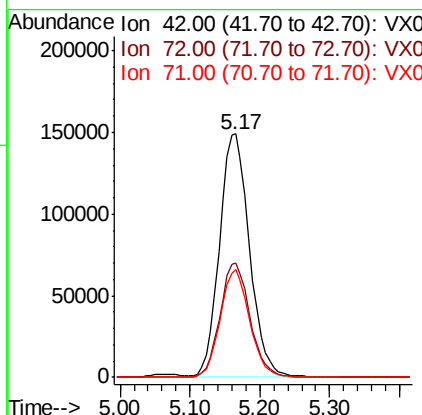
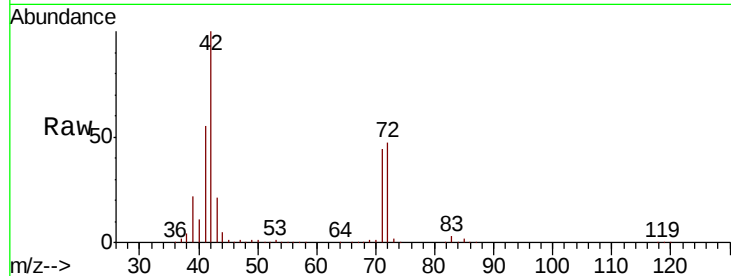
#29
Tetrahydrofuran
Concen: 263.22 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.4	56.0
71	43.5	34.5	51.7

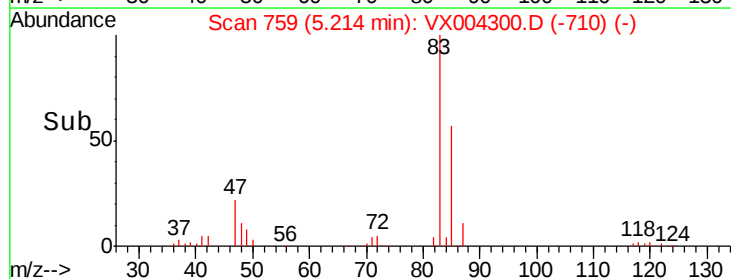
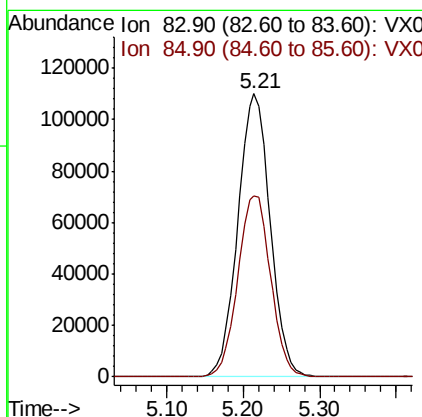
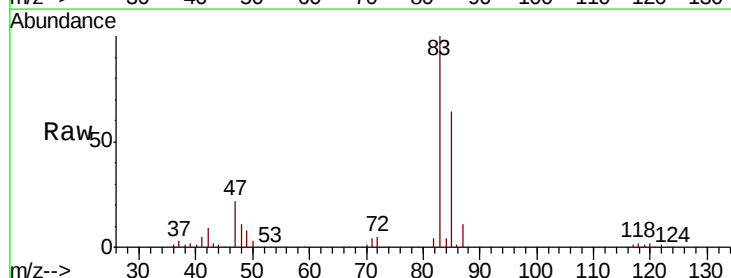
Manual Integrations
APPROVED

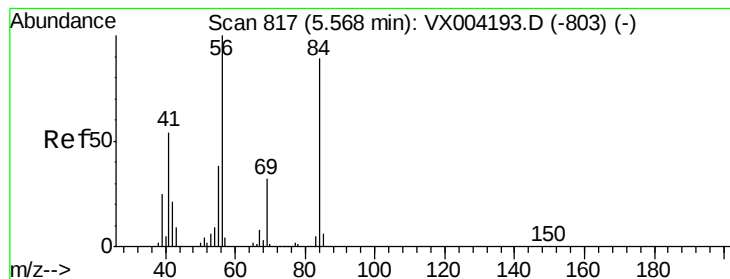
MMDadoda
8/30/2018 1:38:36 PM



#30
Chloroform
Concen: 50.77 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.6	79.0





#31

Cyclohexane

Concen: 49.46 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 270941

Ion Ratio Lower Upper

56 100

69 30.3 25.4 38.2

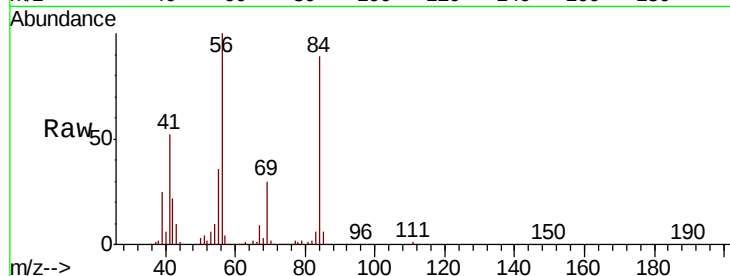
84 87.1 71.4 107.2

Manual Integrations

APPROVED

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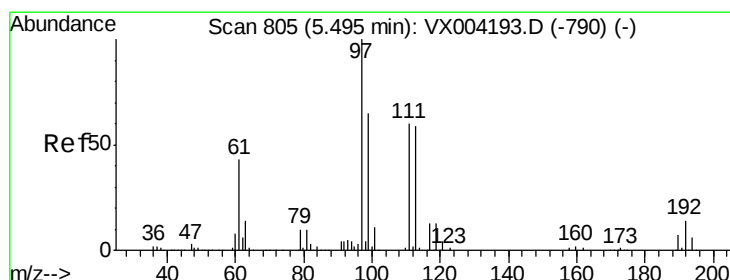
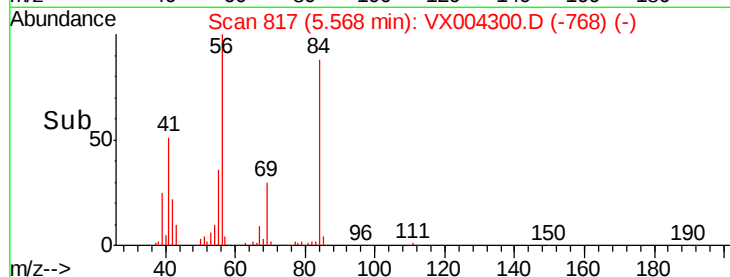
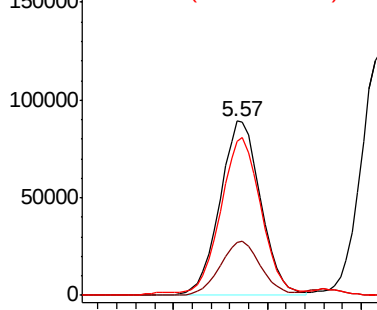
8/30/2018 1:38:36 PM



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: 51.24 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

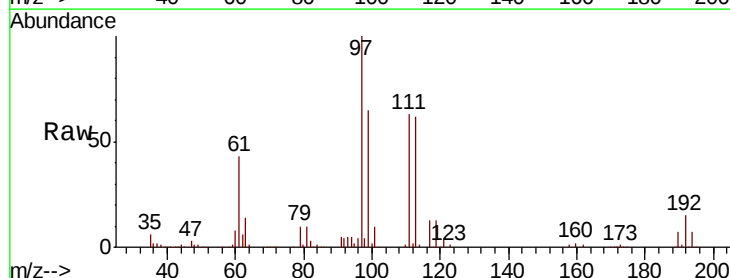
Tgt Ion: 97 Resp: 271939

Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

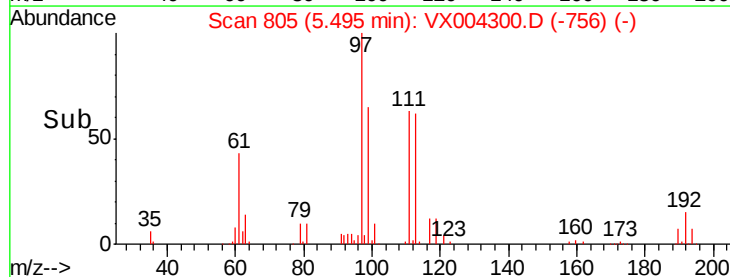
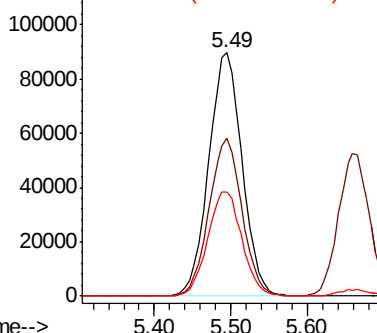
61 43.9 34.9 52.3

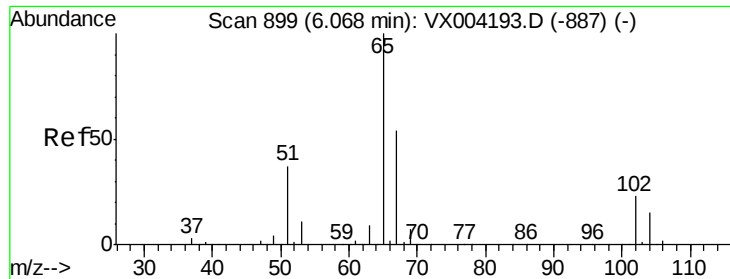


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





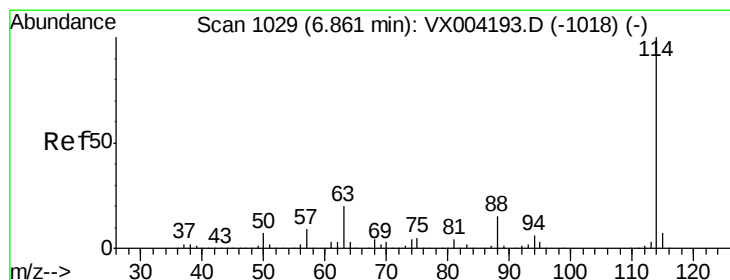
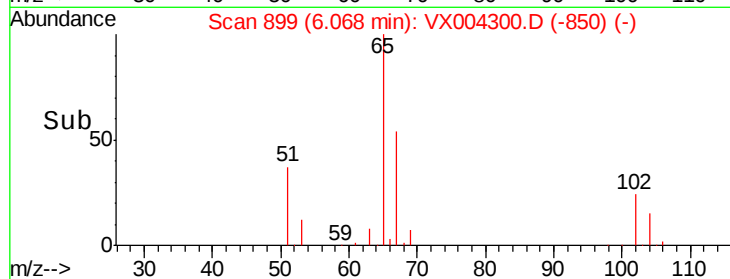
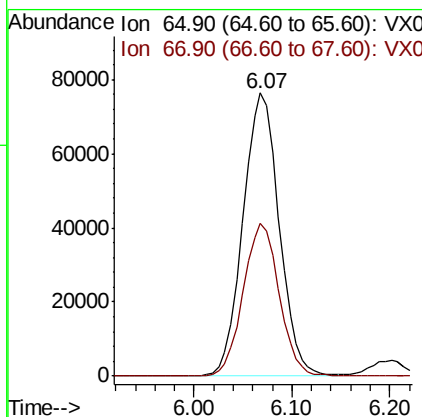
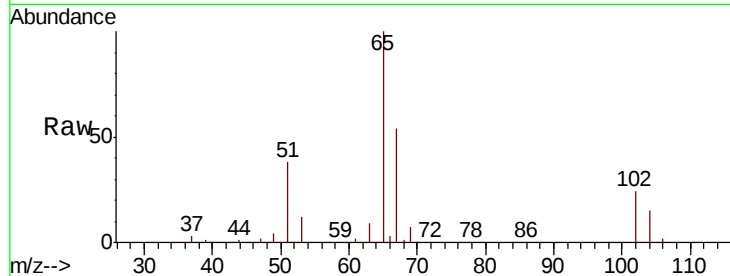
#33
 1,2-Dichloroethane-d4
 Concen: 50.17 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	196016		
67	53.6	0.0	106.8	

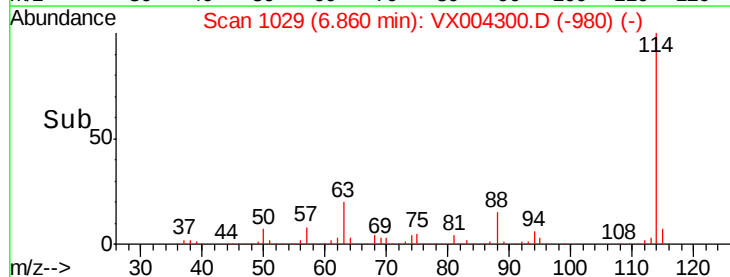
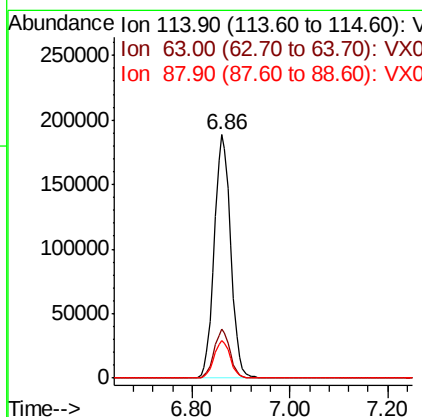
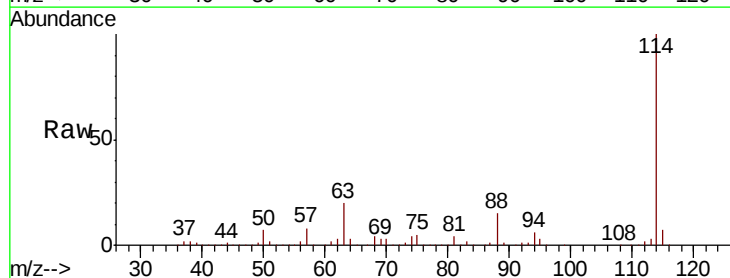
Manual Integrations
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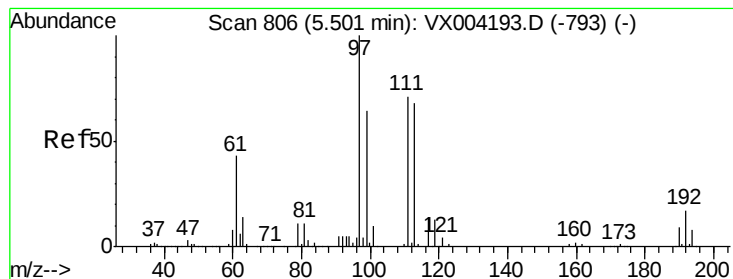
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	439547		
63	19.9	0.0	39.0	
88	15.2	0.0	30.4	





#35

Dibromofluoromethane

Concen: 52.34 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

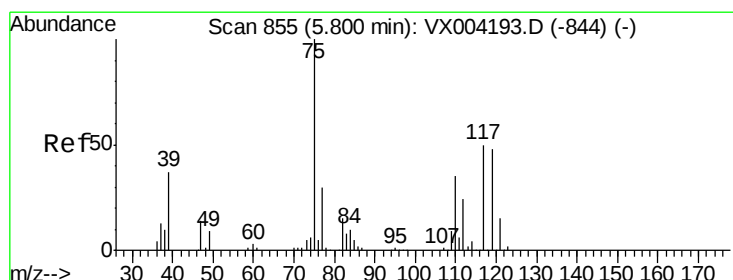
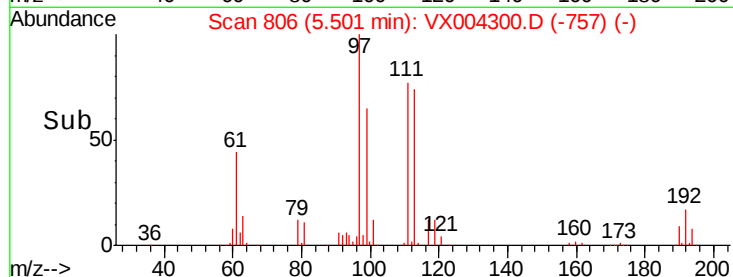
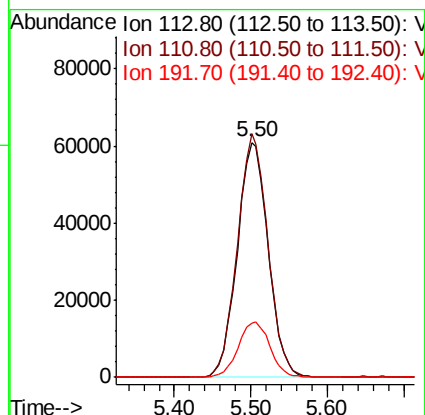
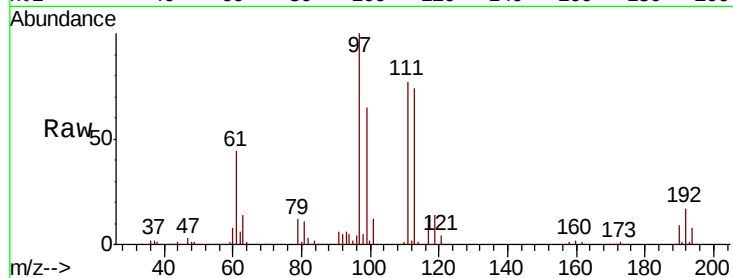
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	171144
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	23.9	19.4	29.2

Manual Integrations
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8/30/2018 1:38:36 PM



#36

1,1-Dichloropropene

Concen: 48.27 ug/l

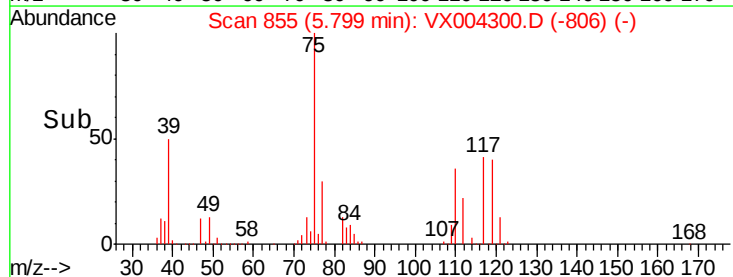
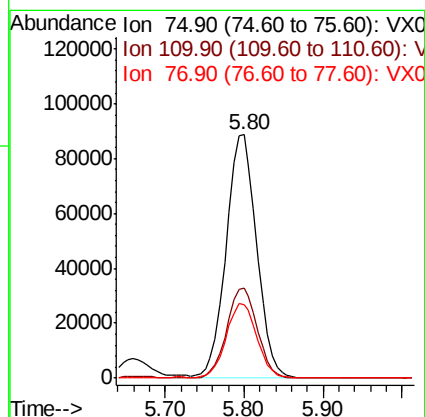
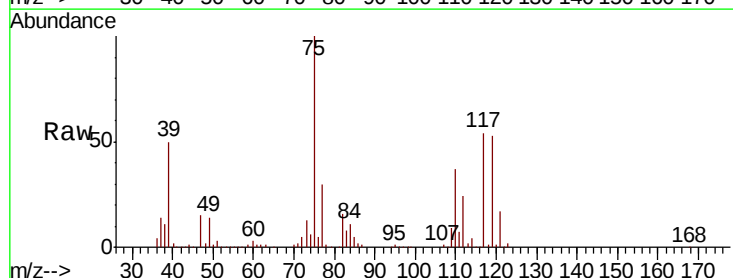
RT: 5.80 min Scan# 855

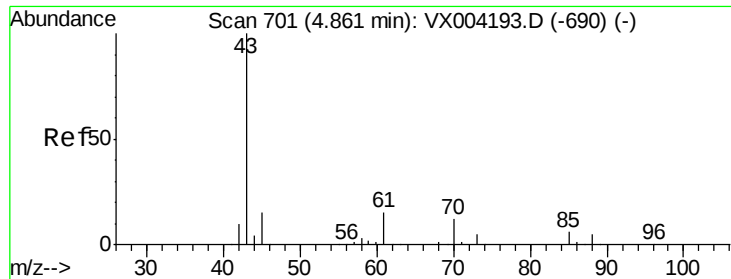
Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Tgt Ion:	75	Resp:	238516
Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.0	54.0
77	31.0	24.6	36.8





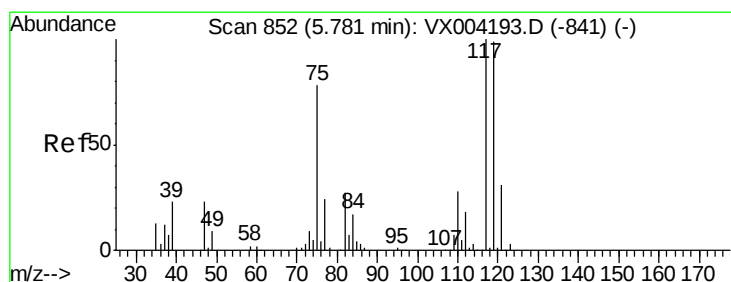
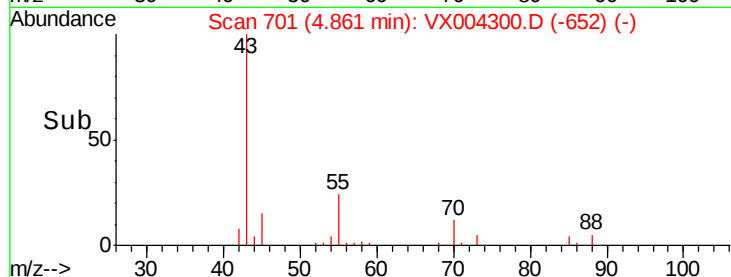
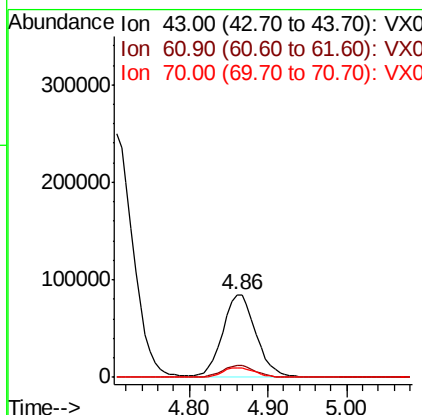
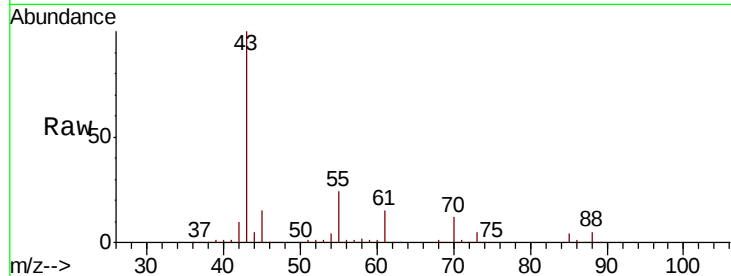
#37
Ethyl Acetate
Concen: 51.08 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	43	Resp	248227
Ion Ratio	Lower	Upper	
43	100		
61	14.9	11.5	17.3
70	11.4	9.0	13.6

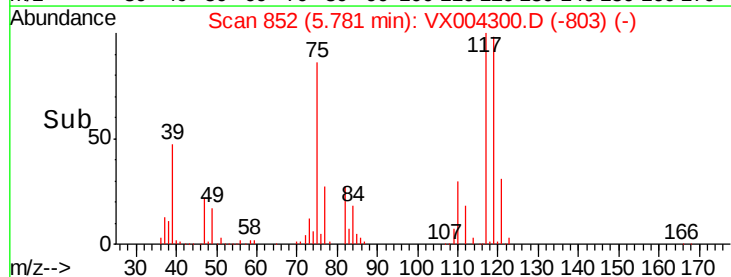
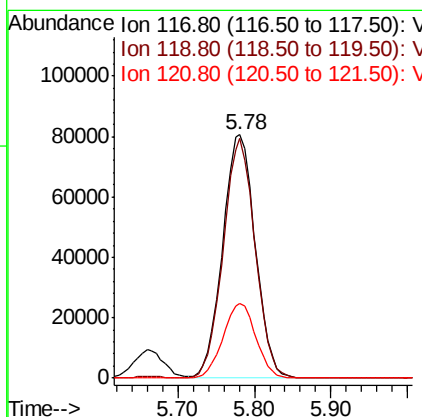
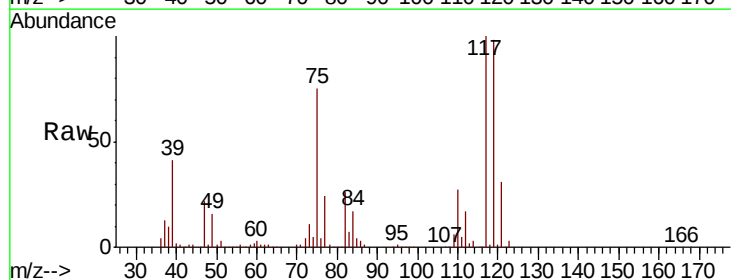
Manual Integrations
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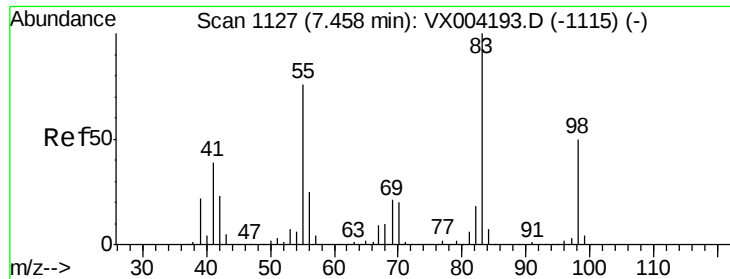
MMDadoda
8/30/2018 1:38:36 PM



#38
Carbon Tetrachloride
Concen: 51.10 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tgt Ion	117	Resp	237536
Ion Ratio	Lower	Upper	
117	100		
119	98.2	78.8	118.2
121	30.8	24.9	37.3





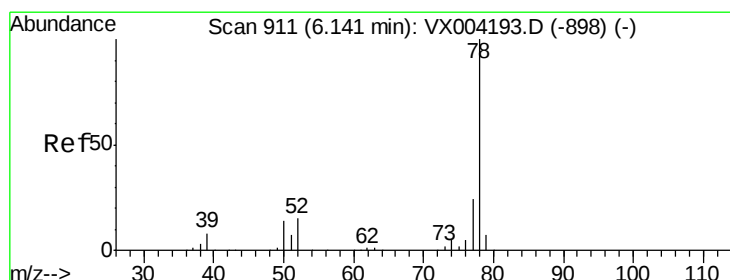
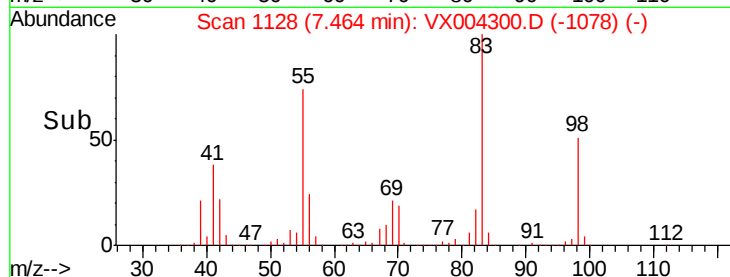
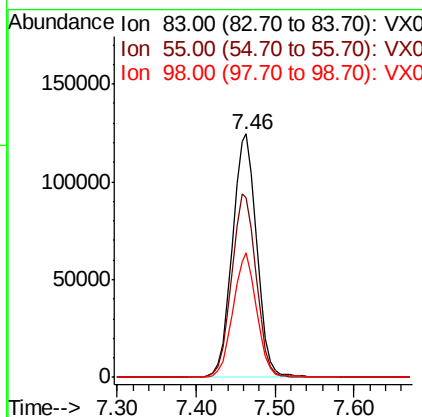
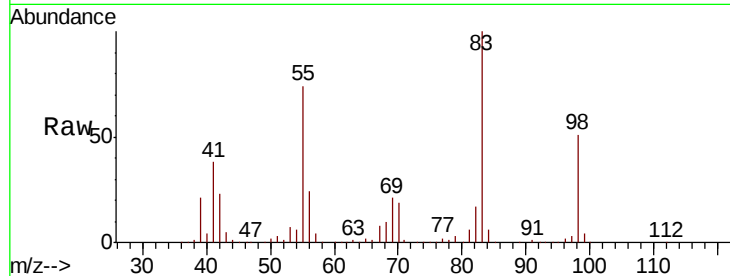
#39
Methvlcvclohexane
Concen: 47.38 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83.00	Resp	267330
Ion	Ratio	Lower	Upper
83	100		
55	73.7	61.0	91.4
98	50.9	39.6	59.4

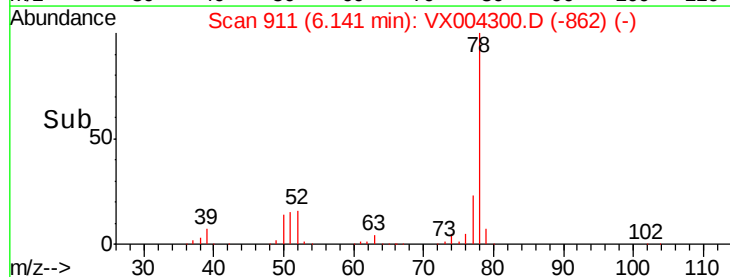
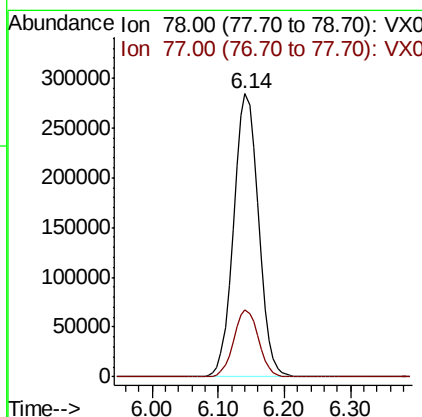
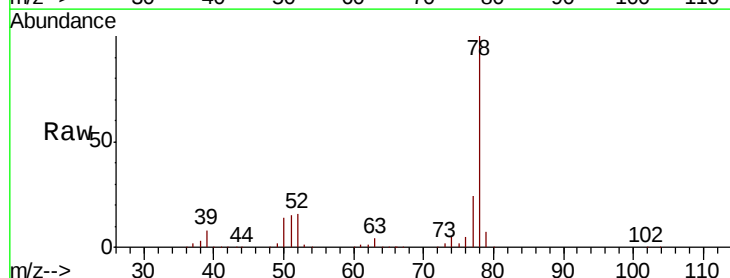
Manual Integrations
APPROVED

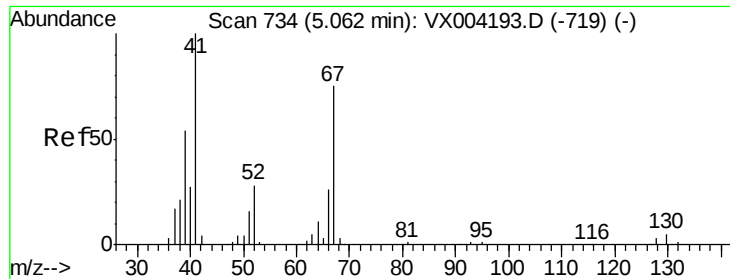
MMDadoda
8/30/2018 1:38:36 PM



#40
Benzene
Concen: 50.28 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tgt Ion	78.00	Resp	742391
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4





#41

Methacrylonitrile

Concen: 51.81 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

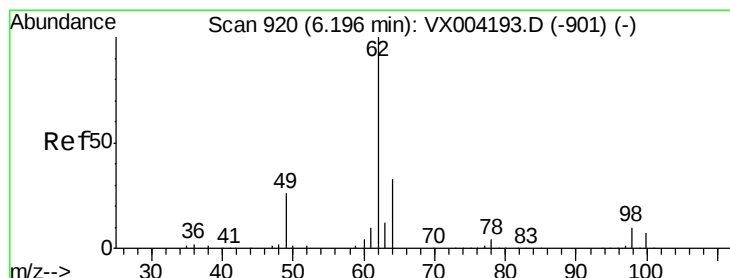
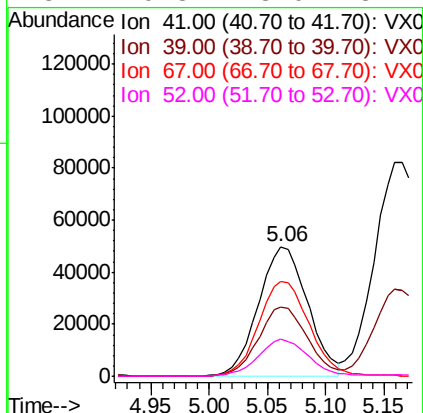
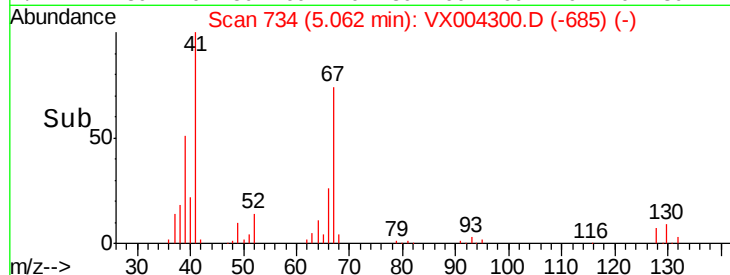
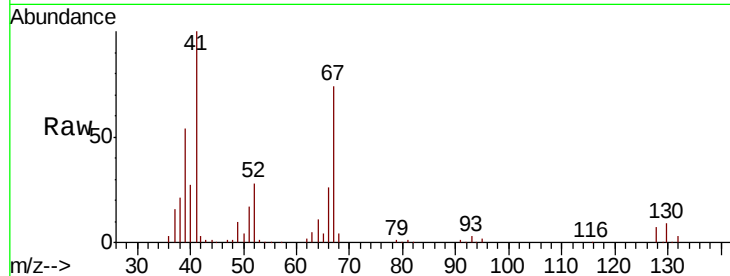
ClientSampleId :

VSTDCCC050EC

Tot Ion:	41	Resp:	145953
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.4	63.6
67	75.8	59.2	88.8
52	29.3	23.0	34.4

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.70 ug/l

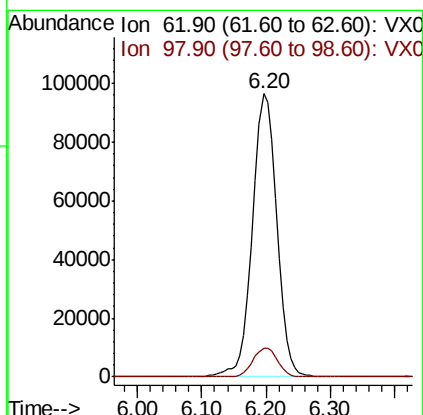
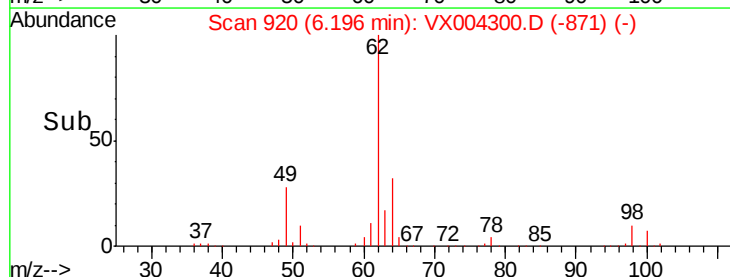
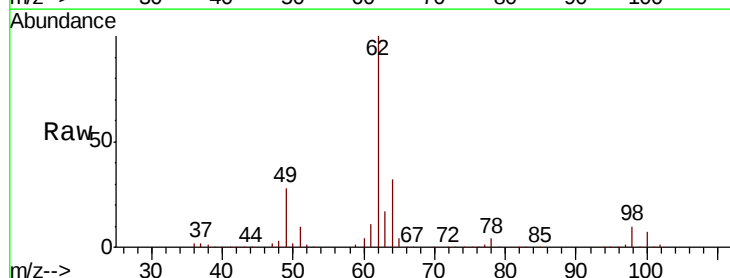
RT: 6.20 min Scan# 920

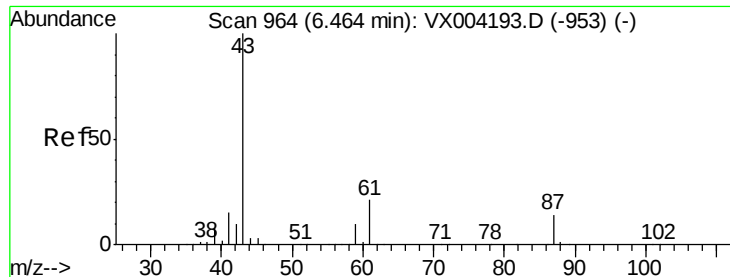
Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Tgt Ion:	62	Resp:	250306
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6





#43

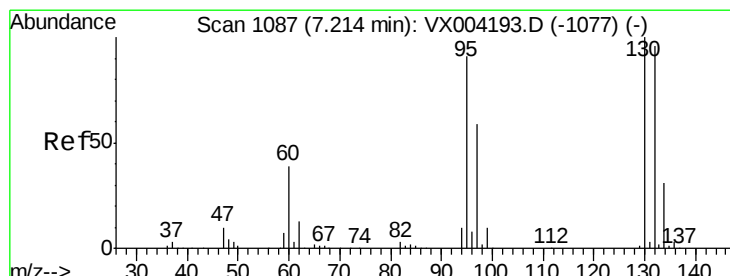
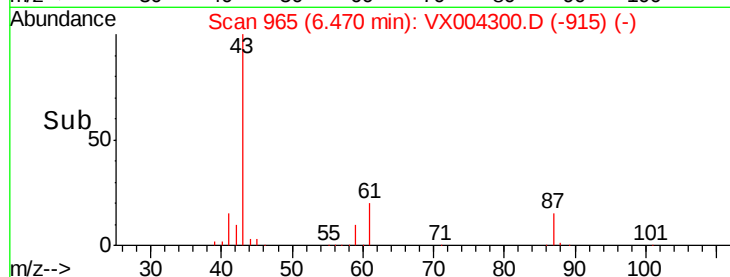
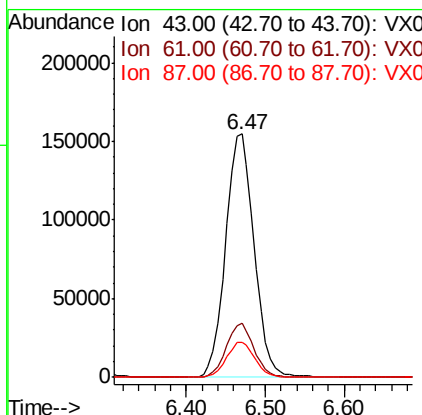
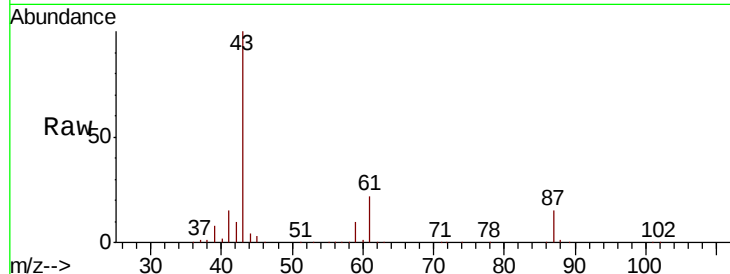
Isopropyl Acetate
 Concen: 51.98 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.0	25.4
87	14.4	11.4	17.2

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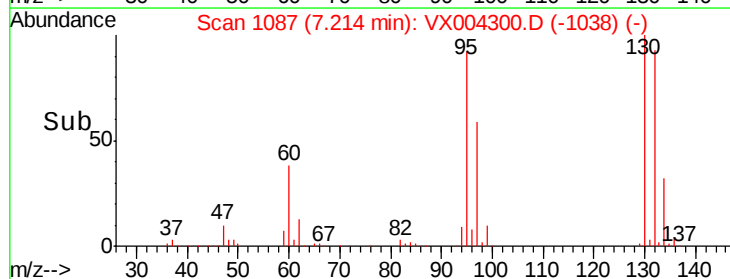
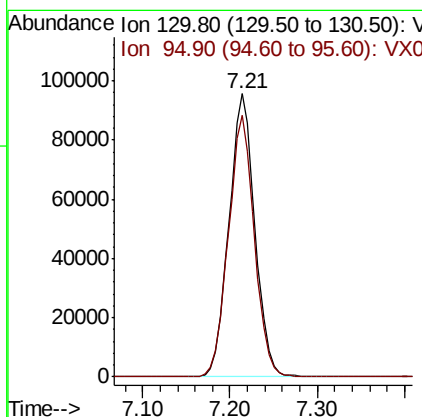
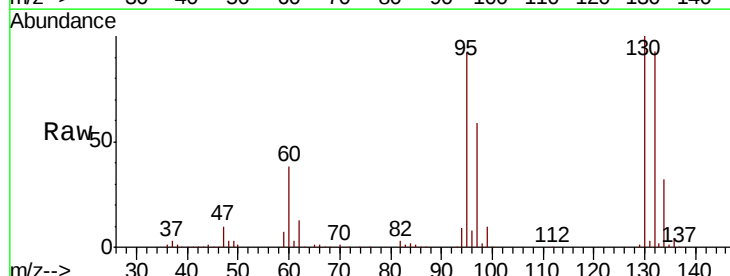
MMDadoda
 8/30/2018 1:38:36 PM

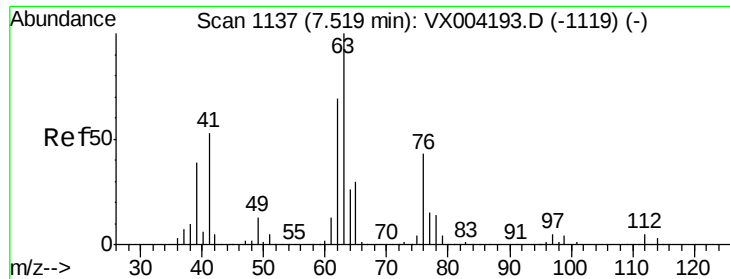


#44

Trichloroethene
 Concen: 48.22 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	181.6





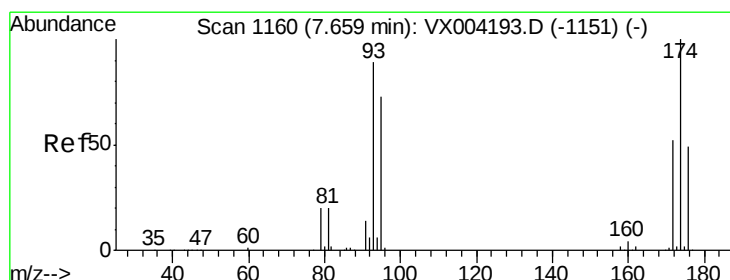
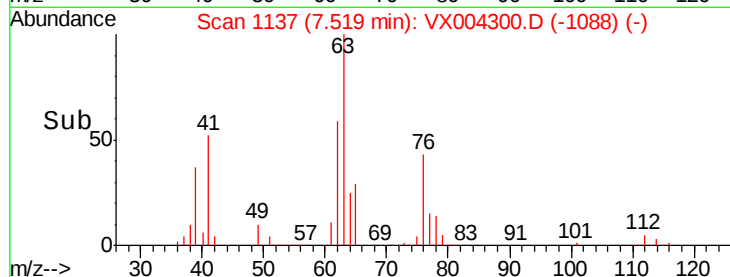
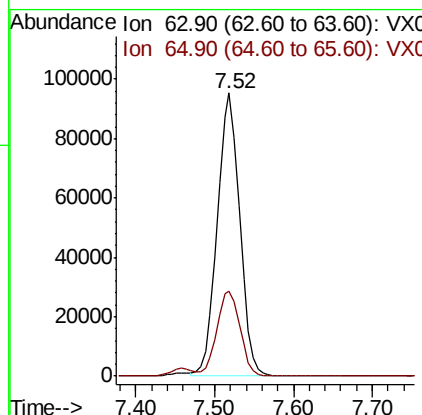
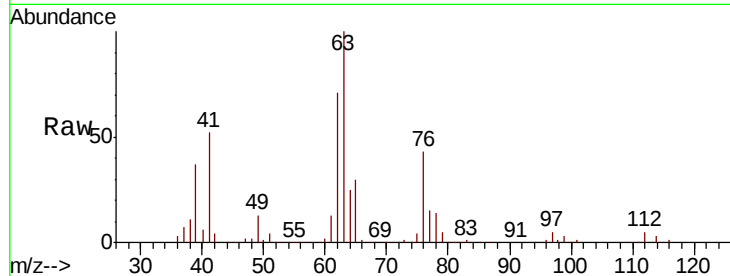
#45
 1,2-Dichloropropane
 Concen: 51.32 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.3	36.5

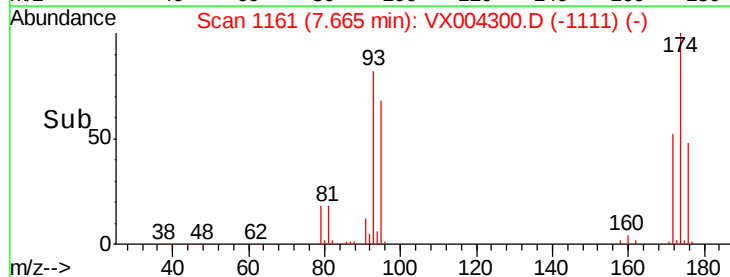
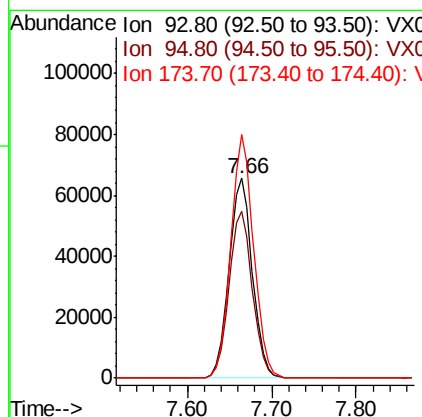
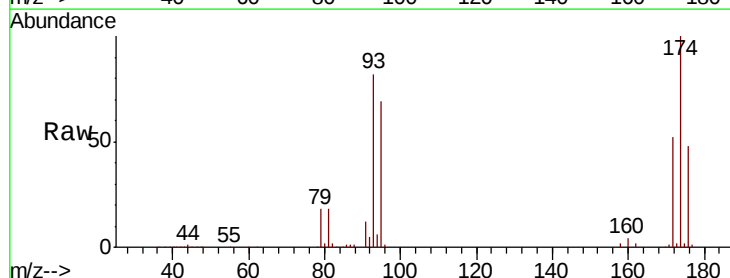
Manual Integrations
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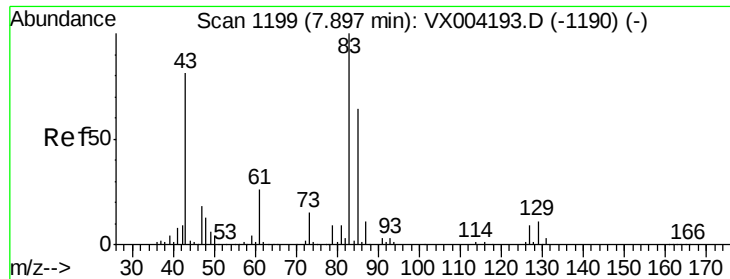
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#46
 Dibromomethane
 Concen: 50.34 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	65.5	98.3
174	119.1	94.2	141.4





#47

Bromodichloromethane

Concen: 53.08 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

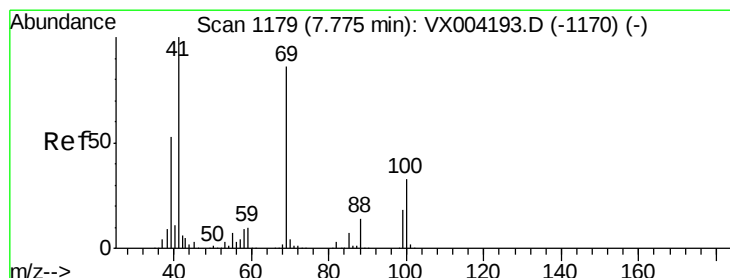
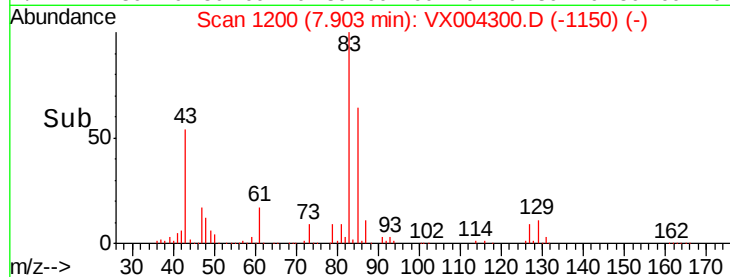
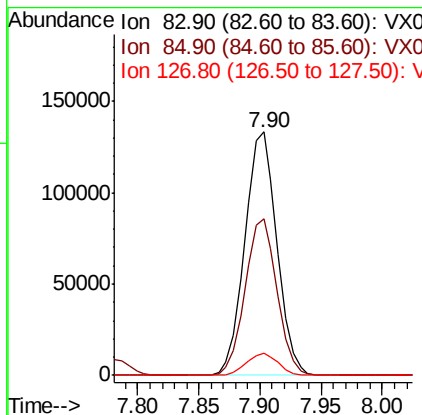
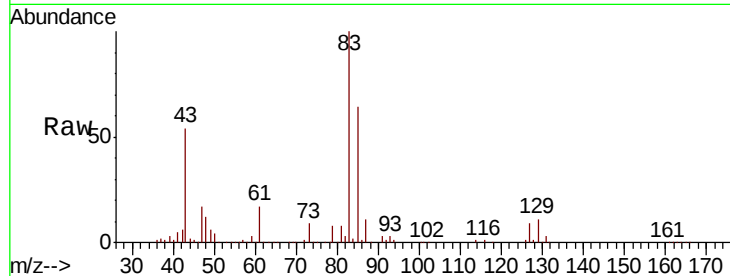
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	243046
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.9	76.3
127	9.0	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.18 ug/l

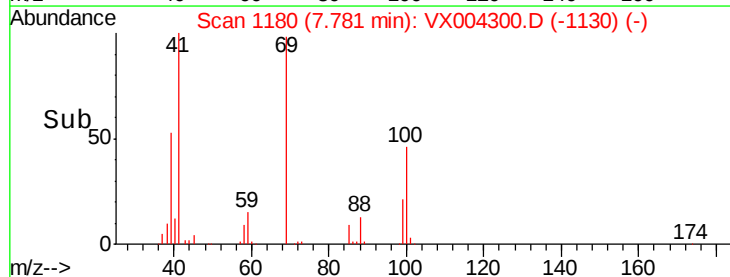
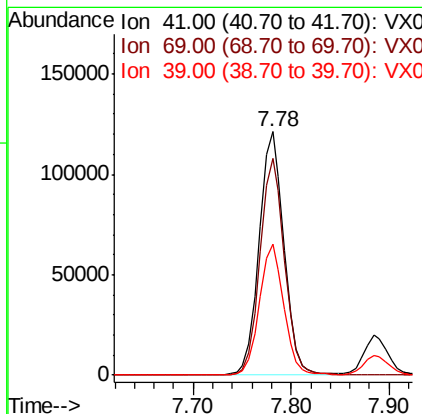
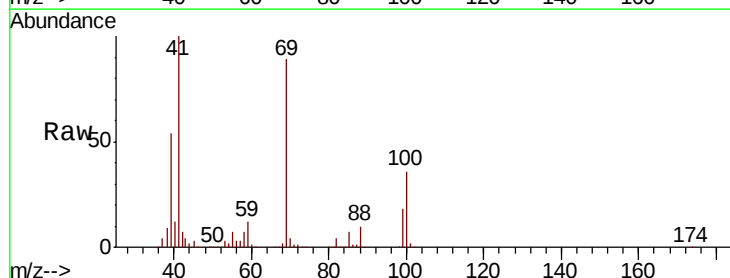
RT: 7.78 min Scan# 1180

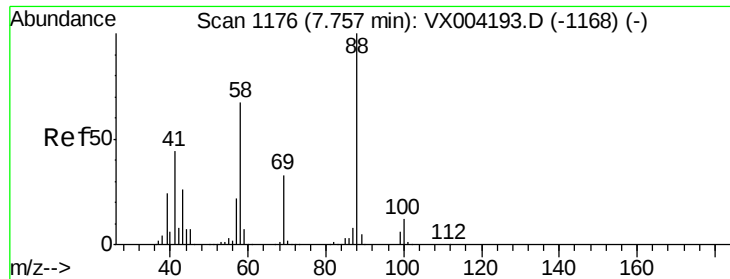
Delta R.T. 0.01 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Tgt Ion:	41	Resp:	212487
Ion Ratio	Lower	Upper	
41	100		
69	88.4	70.2	105.4
39	53.0	42.7	64.1





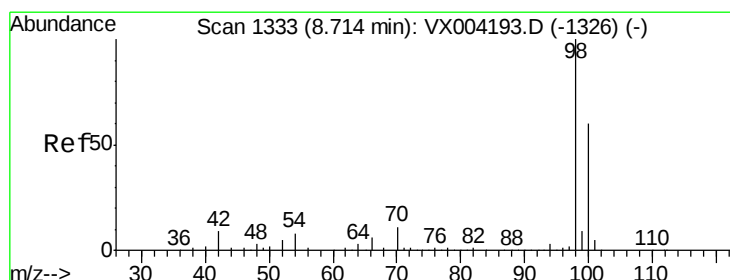
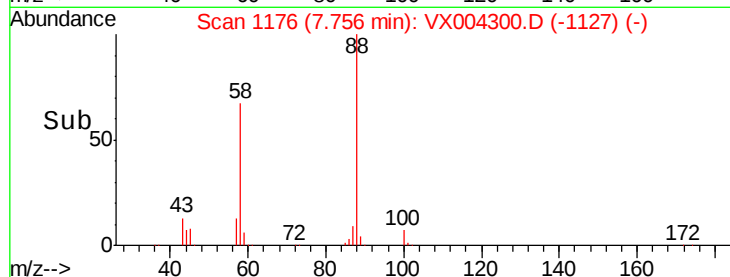
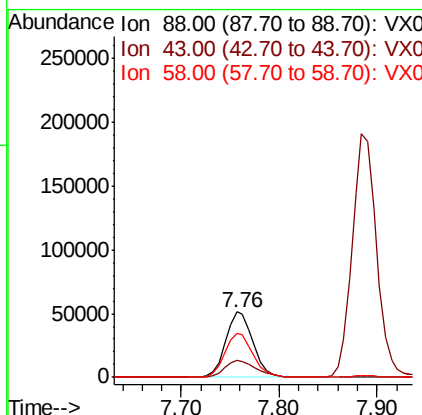
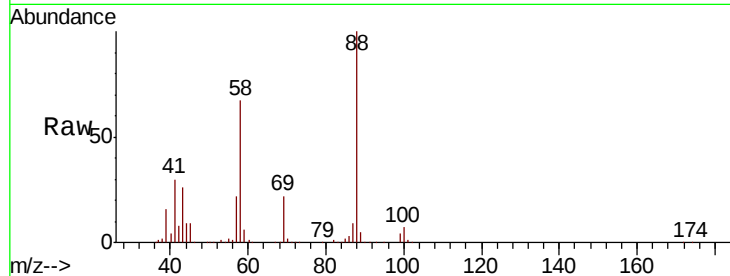
#49
1,4-Dioxane
Concen: 1081.71 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	98136
Ion Ratio	100	Lower	Upper
88	100		
43	30.3	24.7	37.1
58	69.0	55.3	82.9

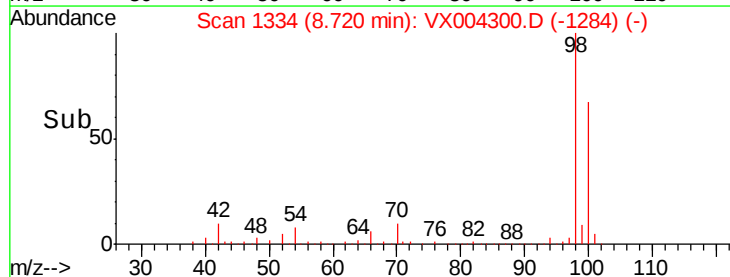
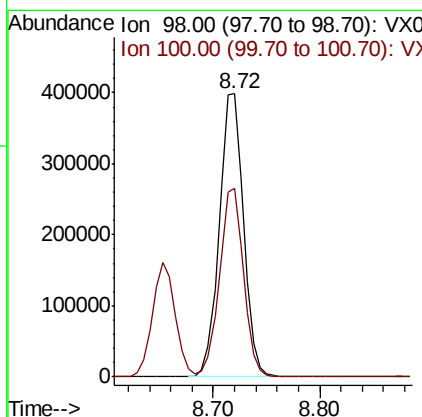
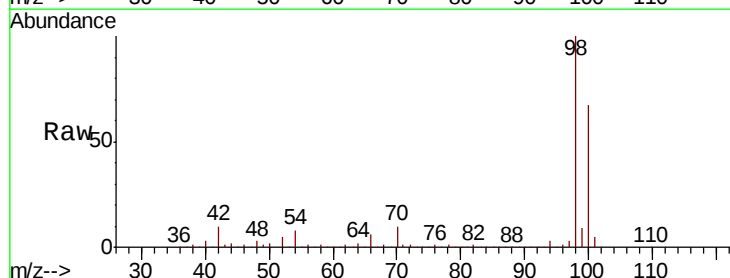
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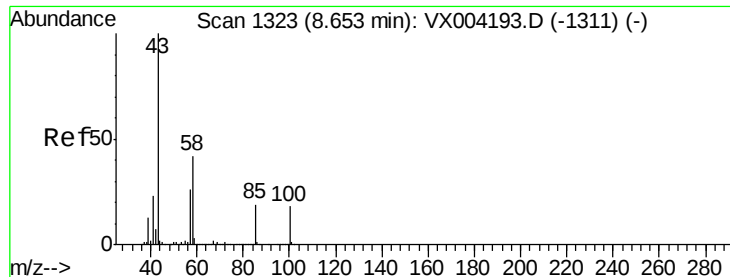
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#50
Toluene-d8
Concen: 51.14 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.01 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tgt Ion	98	Resp	631230
Ion Ratio	100	Lower	Upper
98	100		
100	66.5	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 255.78 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1387838

Ion Ratio Lower Upper

43 100

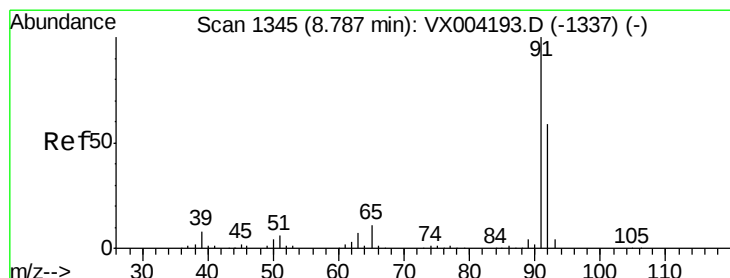
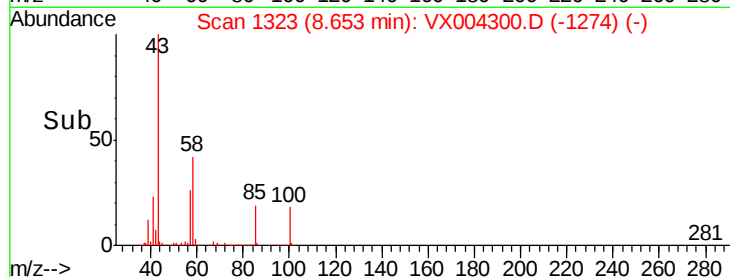
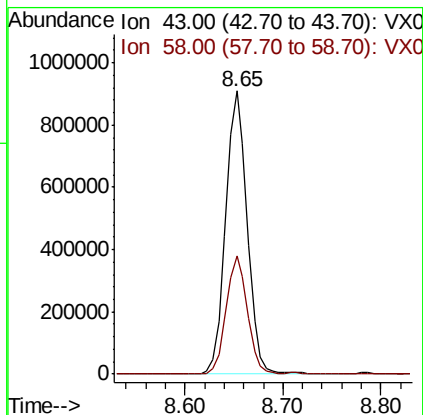
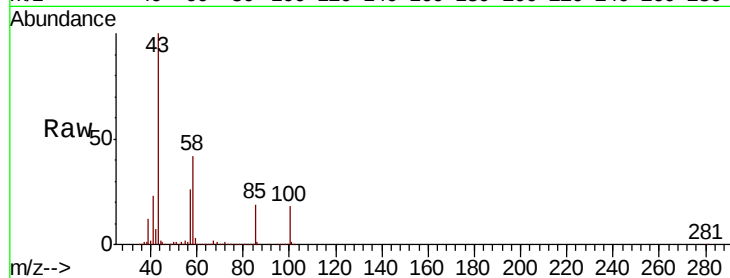
58 41.3 33.1 49.7

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#52

Toluene

Concen: 50.89 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004300.D

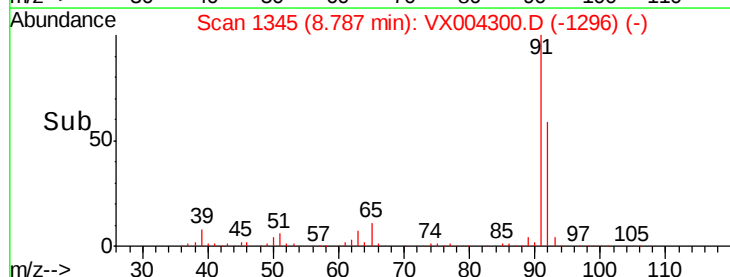
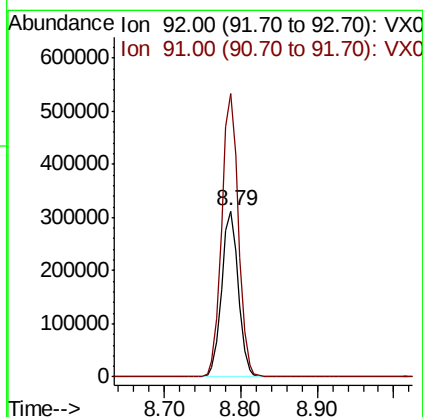
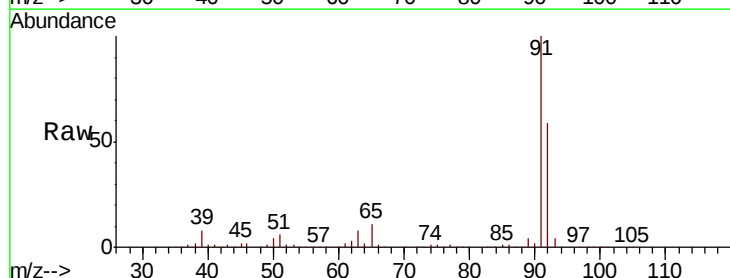
Acq: 29 Aug 2018 18:31

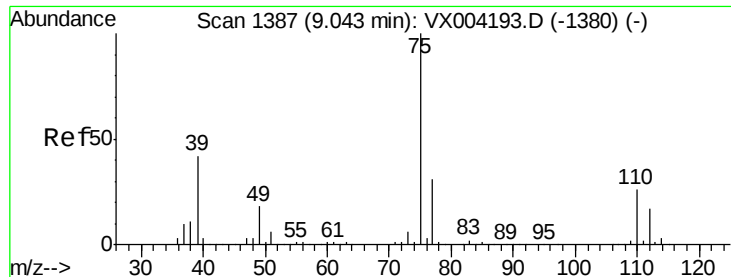
Tgt Ion: 92 Resp: 470339

Ion Ratio Lower Upper

92 100

91 171.2 136.4 204.6





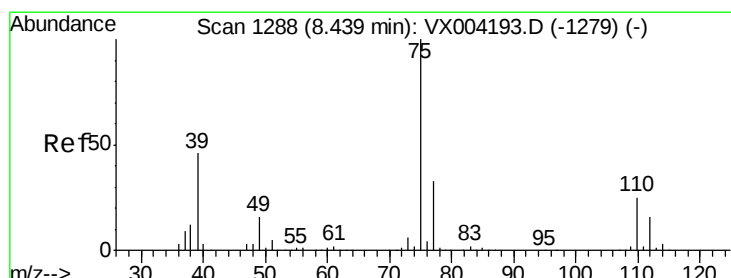
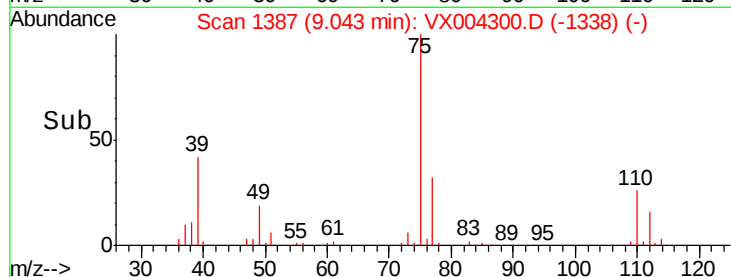
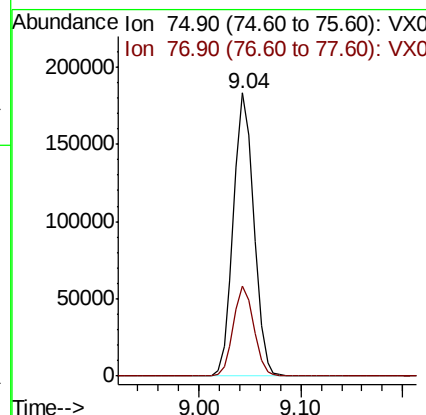
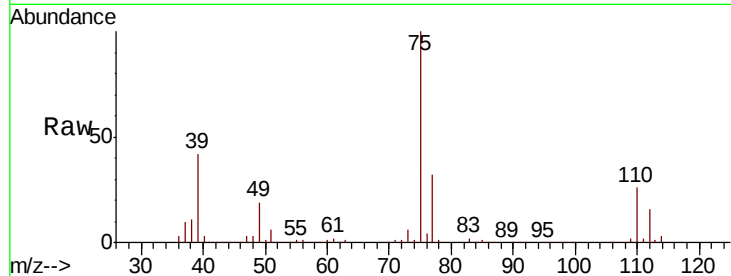
#53
 t-1,3-Dichloropropene
 Concen: 50.21 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.6	37.0

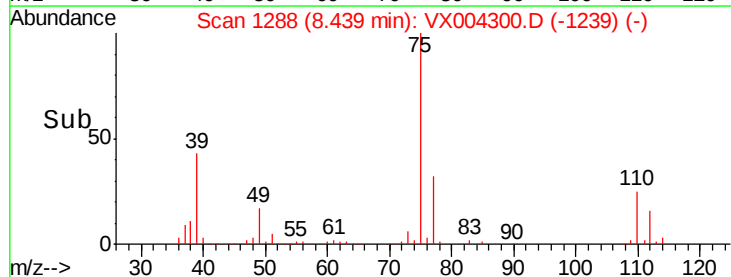
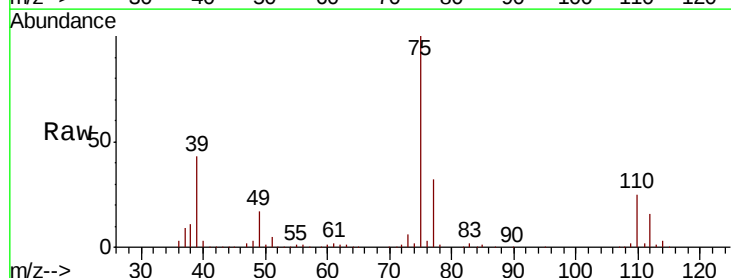
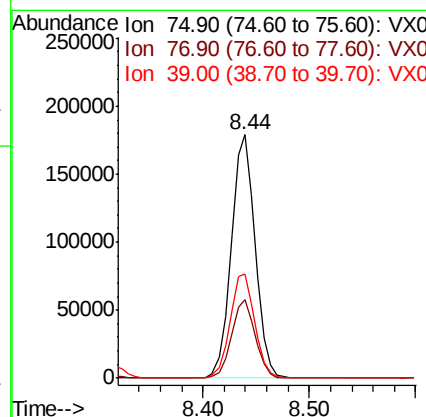
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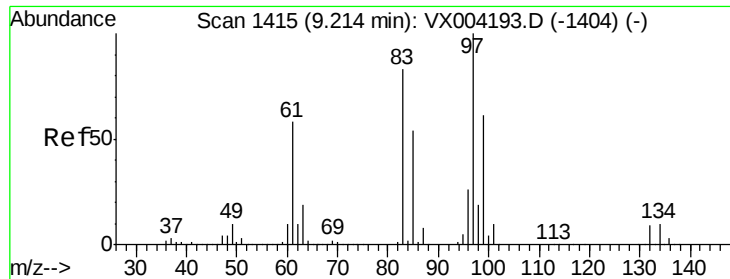
MMDadoda
 8/30/2018 1:38:36 PM



#54
 cis-1,3-Dichloropropene
 Concen: 50.92 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.2	39.2
39	42.8	36.4	54.6





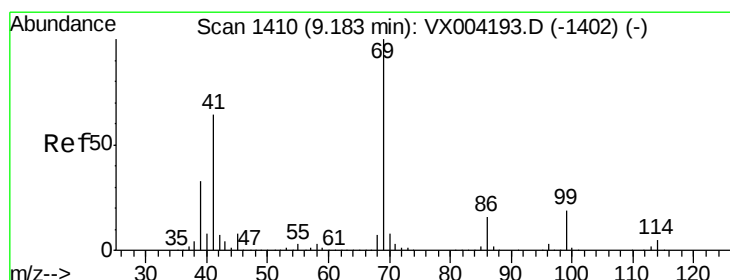
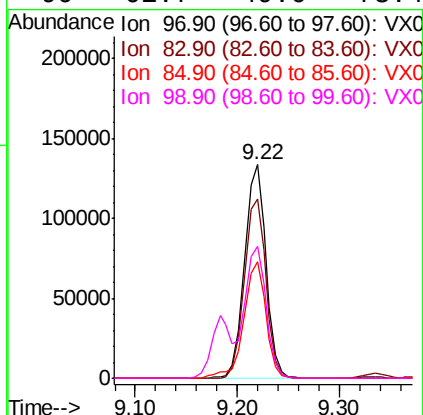
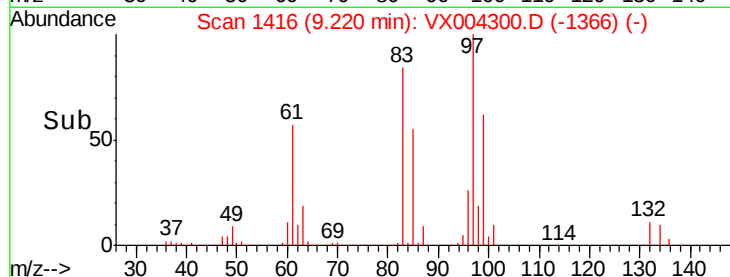
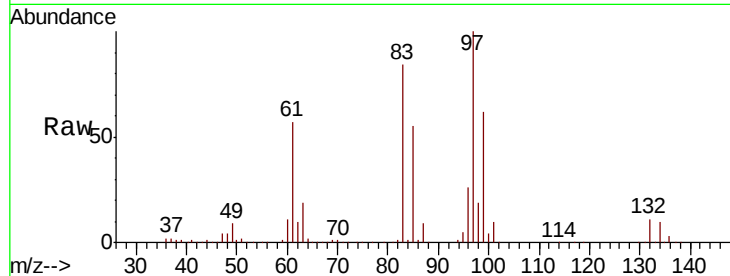
#55
 1,1,2-Trichloroethane
 Concen: 51.99 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		193995		
83	83.7	66.4	99.6		
85	54.7	43.3	64.9		
99	61.7	49.0	73.4		

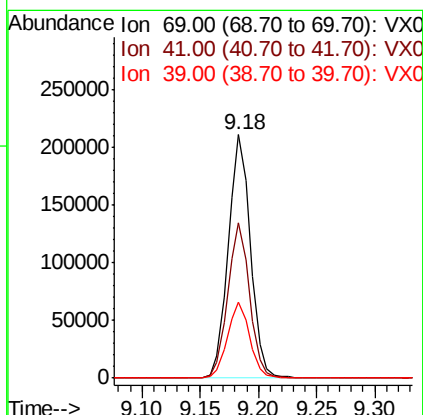
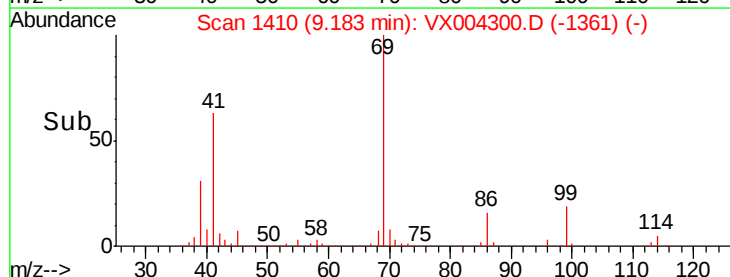
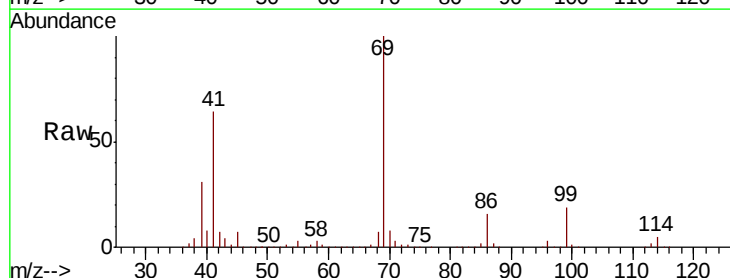
Manual Integrations
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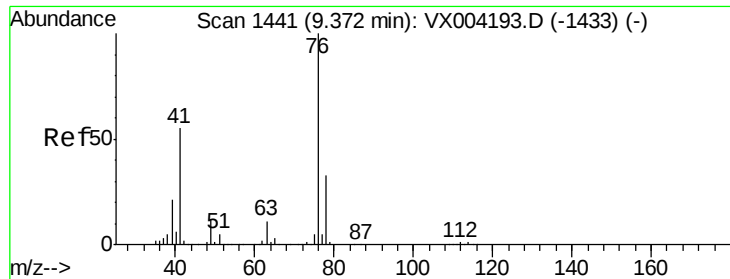
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#56
 Ethyl methacrylate
 Concen: 55.27 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		280745		
41	62.6	51.0	76.4		
39	31.2	26.1	39.1		





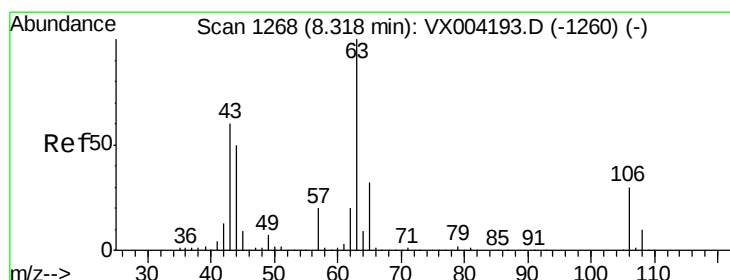
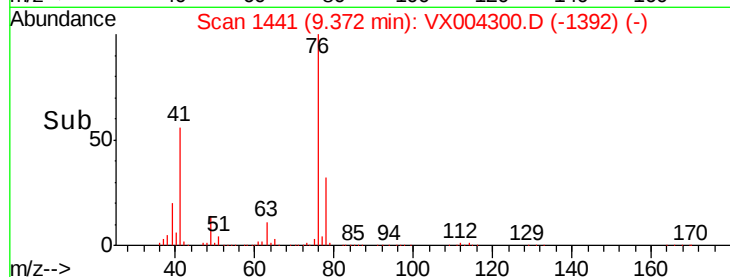
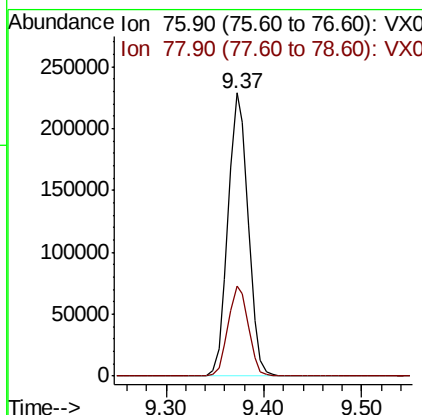
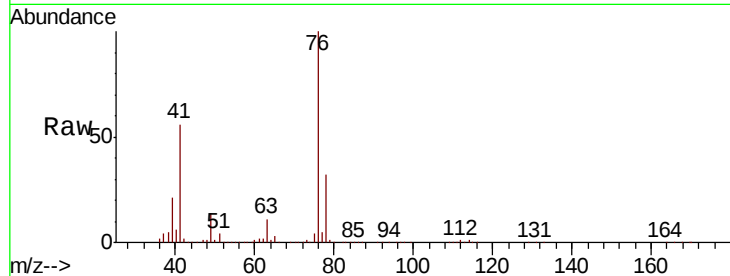
#57
 1,3-Dichloropropane
 Concen: 51.94 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.5	38.3

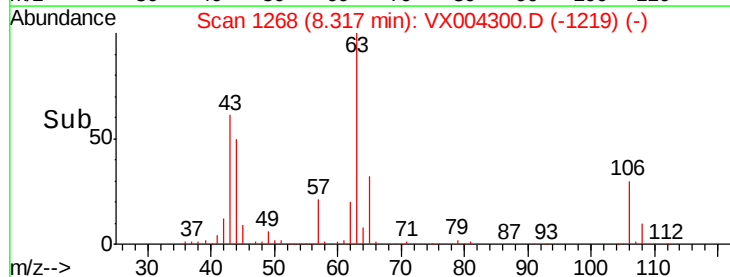
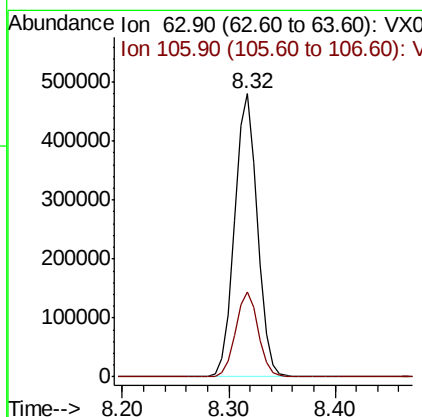
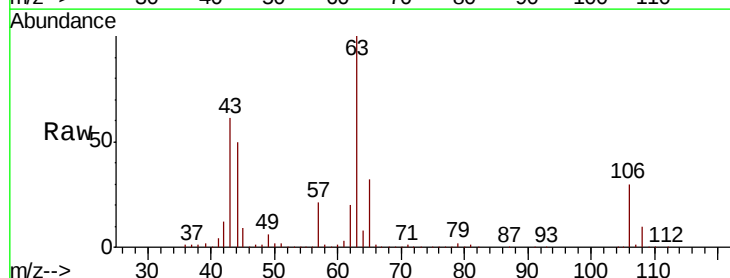
Manual Integrations
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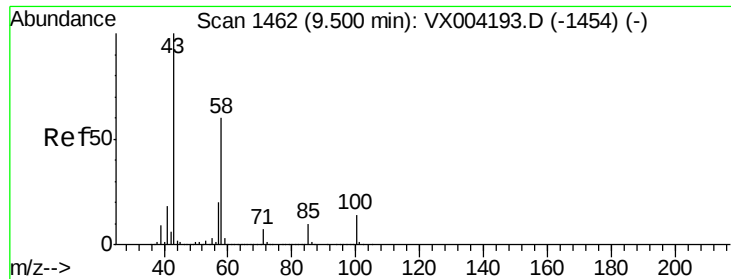
MMDadoda
 8/30/2018 1:38:36 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.36 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.9	23.9	35.9





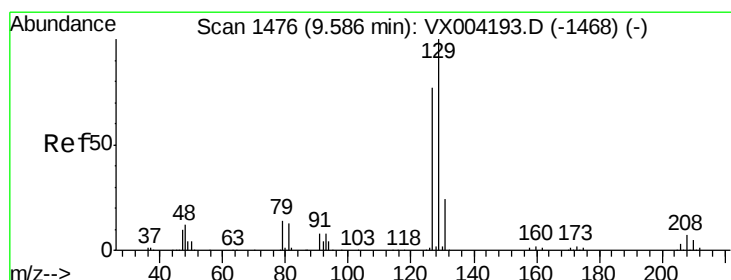
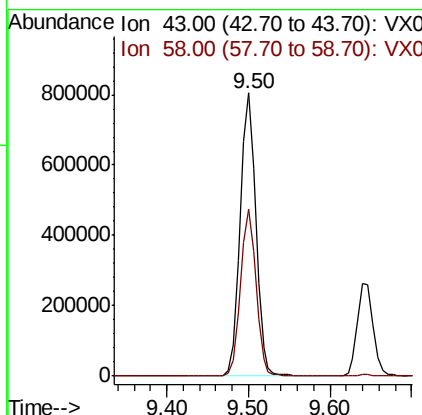
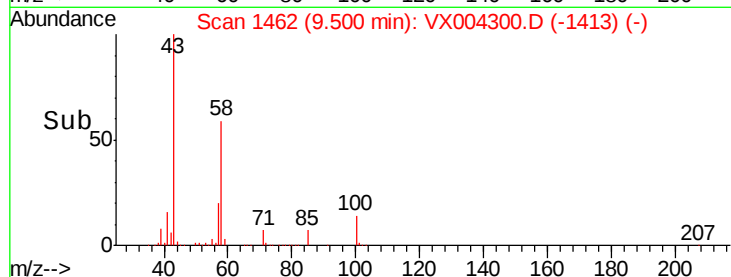
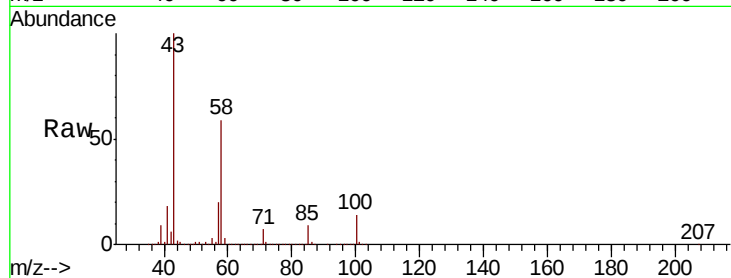
#59
2-Hexanone
Concen: 256.48 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1061683
Ion Ratio Lower Upper
43 100
58 58.2 29.0 87.0

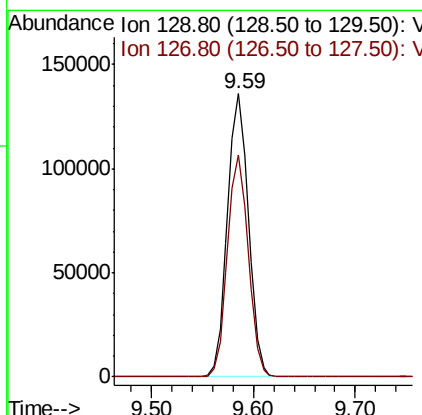
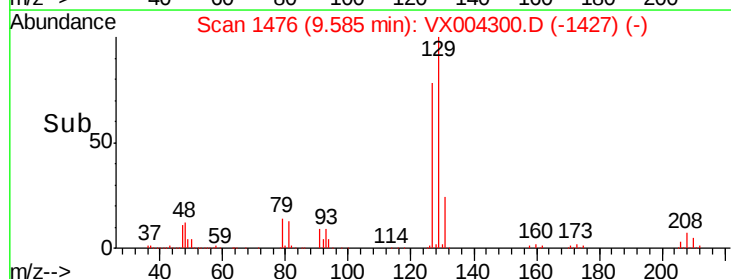
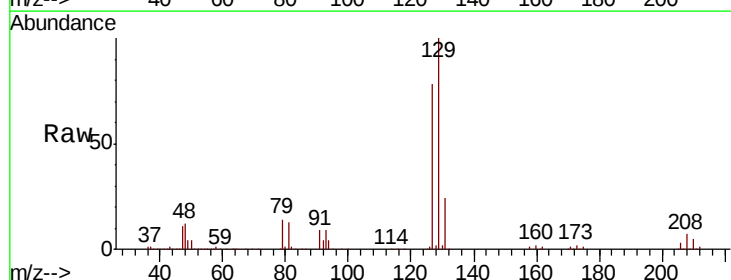
Manual Integrations
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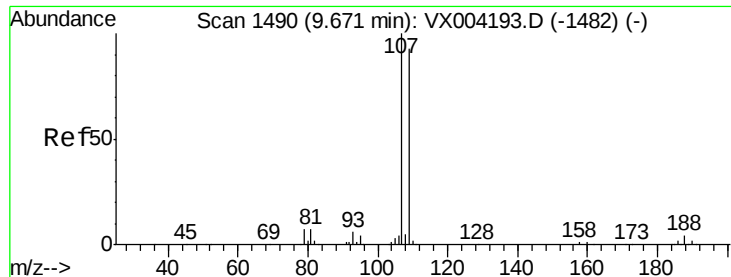
MMDadoda
8/30/2018 1:38:36 PM



#60
Dibromochloromethane
Concen: 53.30 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tgt Ion: 129 Resp: 193755
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.14 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.01 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 193592

Ion Ratio Lower Upper

107 100

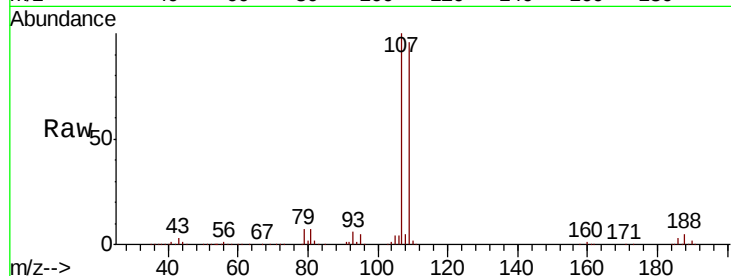
109 97.1 76.0 114.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

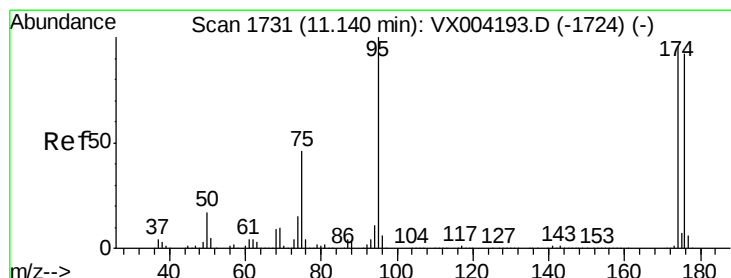
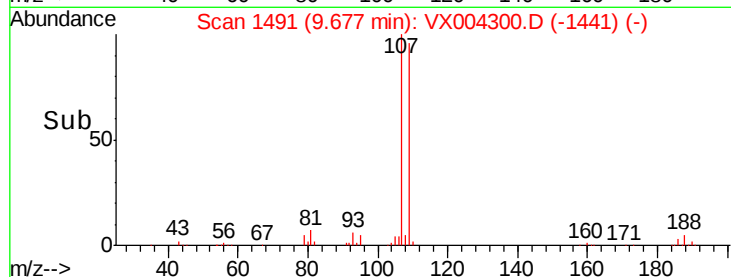
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.00 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

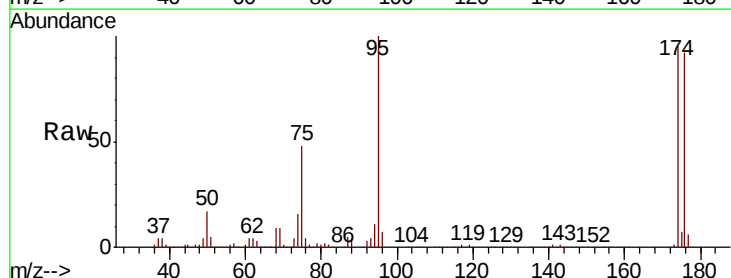
Tgt Ion: 95 Resp: 239494

Ion Ratio Lower Upper

95 100

174 92.3 0.0 185.2

176 90.0 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

250000

200000

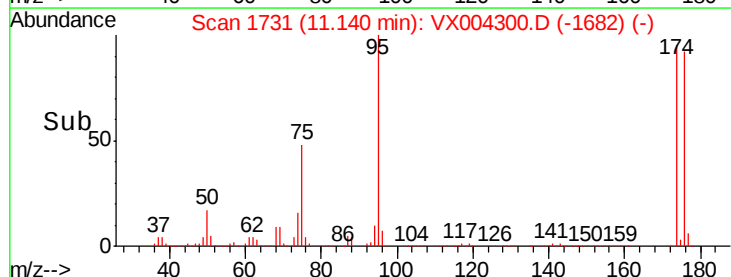
150000

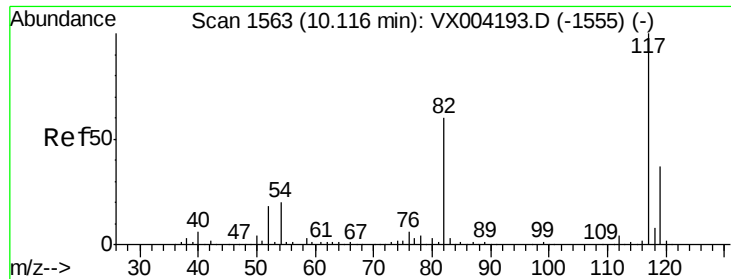
100000

50000

0

Time-->





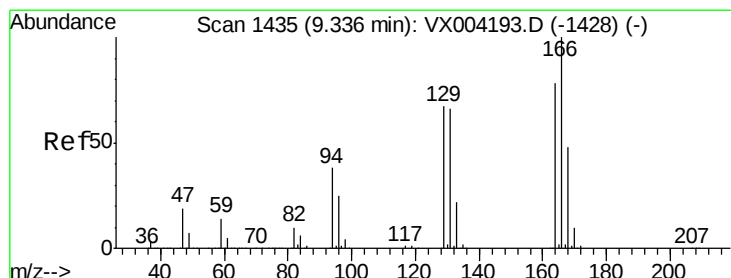
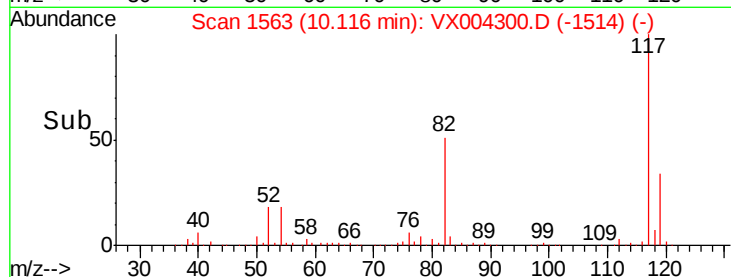
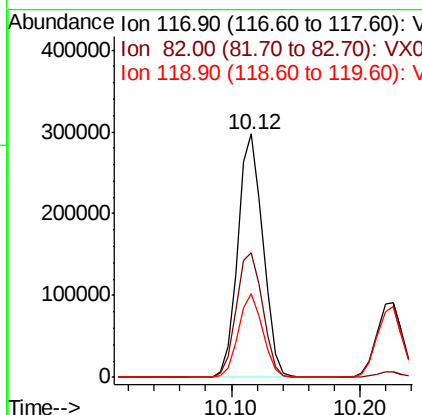
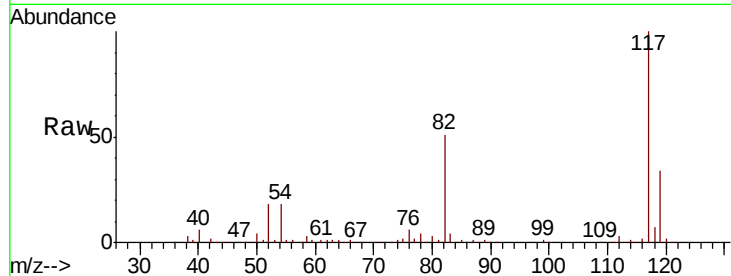
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	47.8	71.6
119	34.3	29.3	43.9

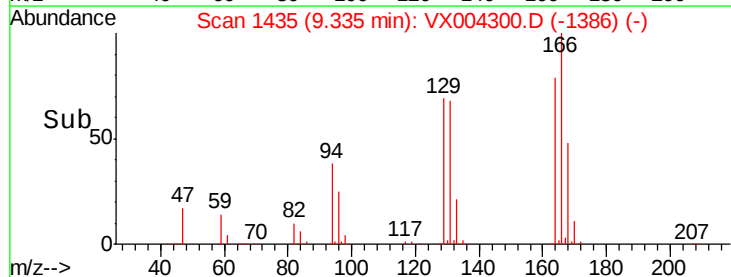
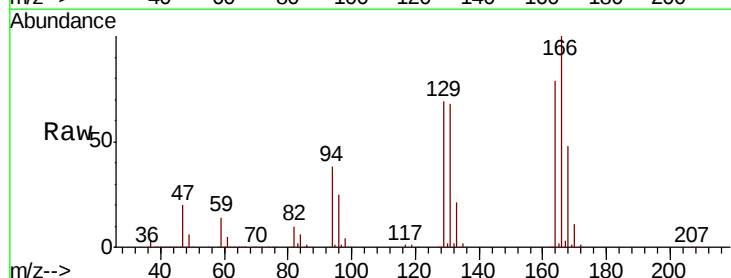
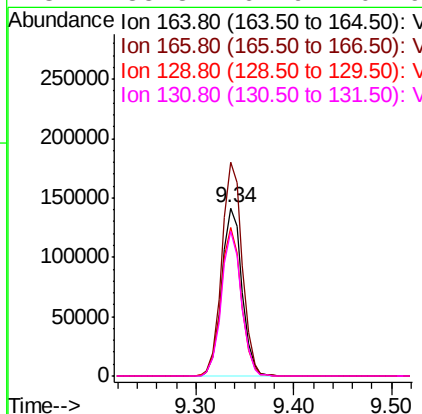
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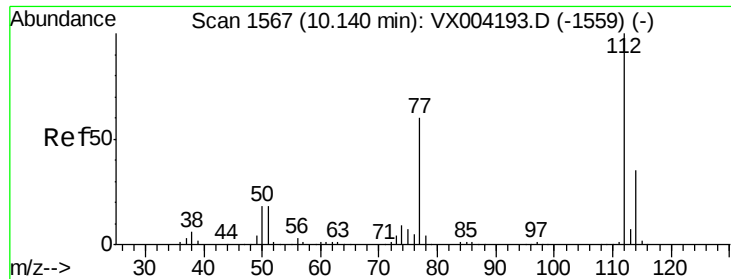
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#64
Tetrachloroethene
Concen: 51.42 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	102.8	154.2
129	88.0	69.4	104.0
131	85.8	67.9	101.9





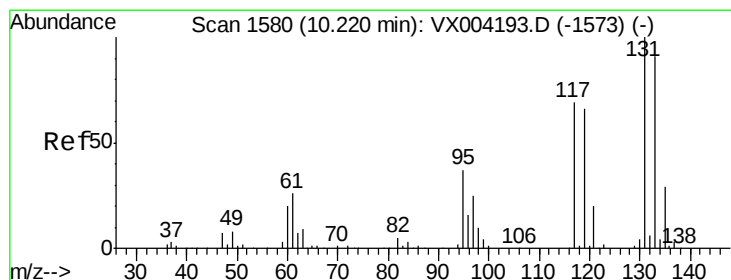
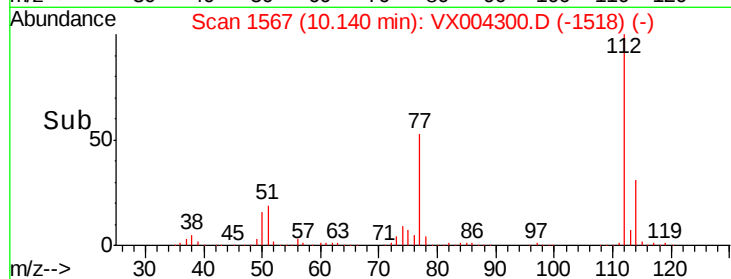
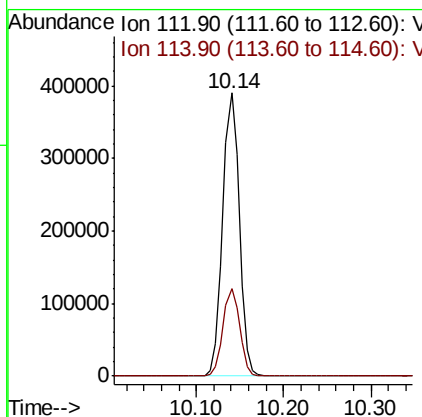
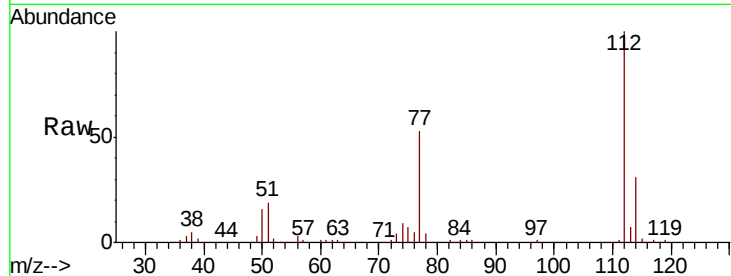
#65
Chlorobenzene
Concen: 50.85 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 511441
Ion Ratio Lower Upper
112 100
114 31.1 27.8 41.8

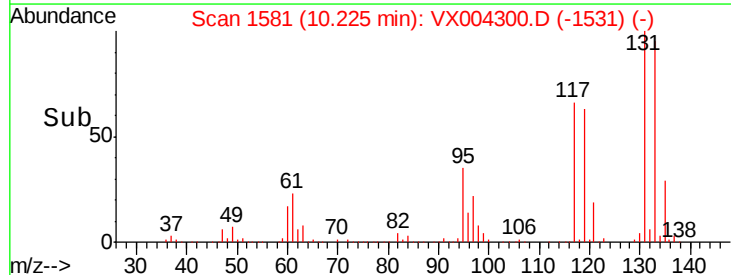
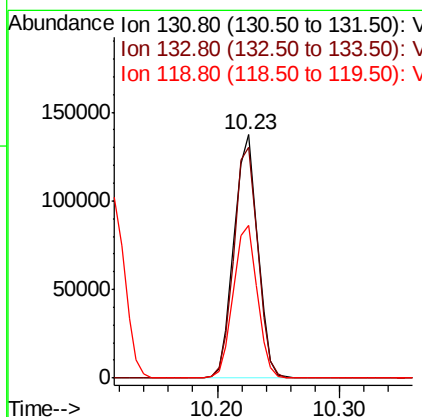
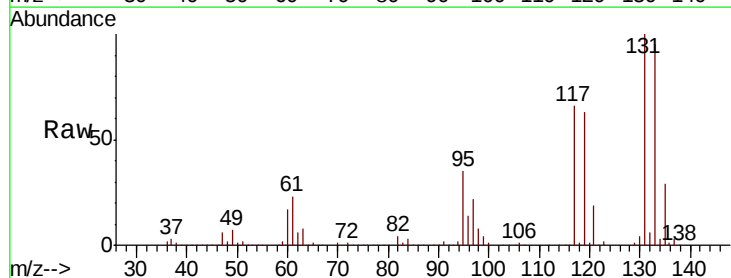
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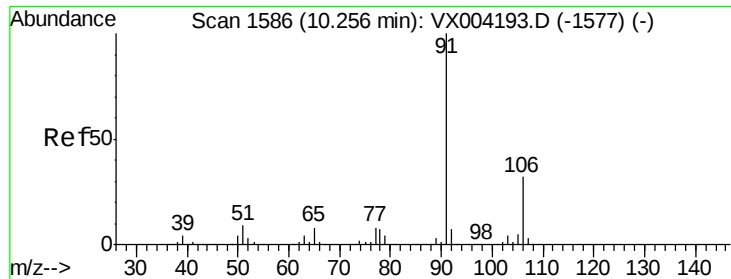
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.82 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tgt Ion:131 Resp: 183241
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.4
119 63.6 32.9 98.6





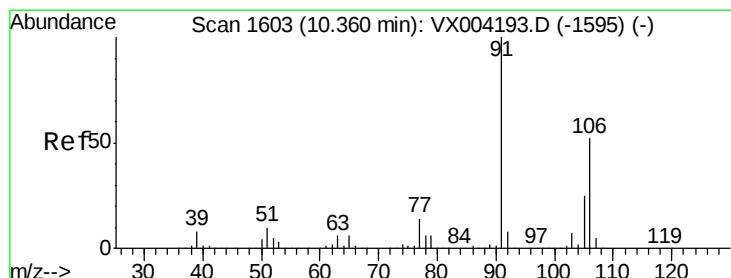
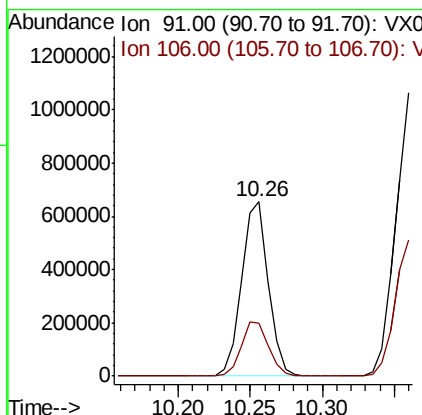
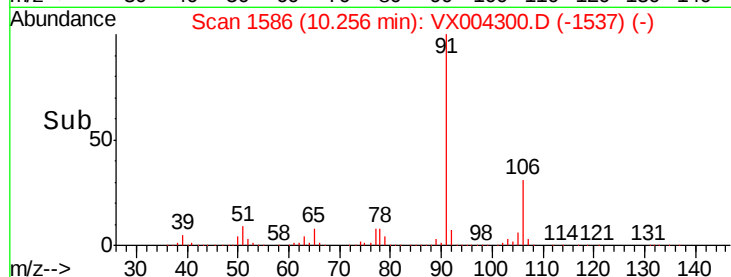
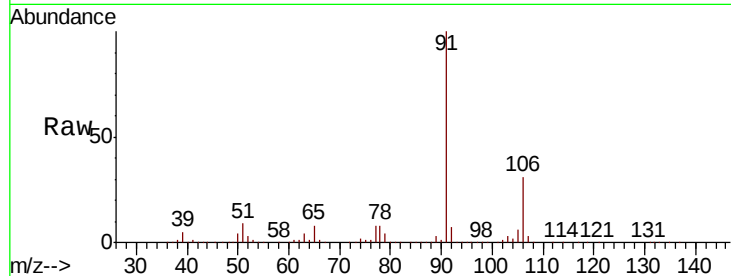
#67
Ethyl Benzene
Concen: 51.06 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 834046
Ion Ratio Lower Upper
91 100
106 30.8 25.9 38.9

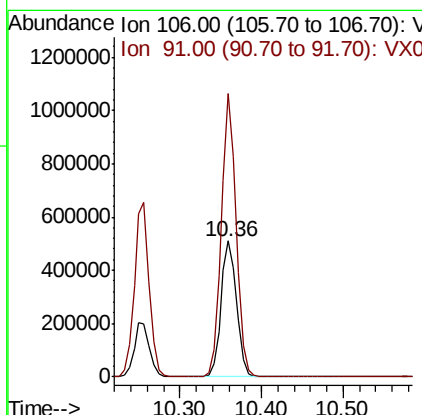
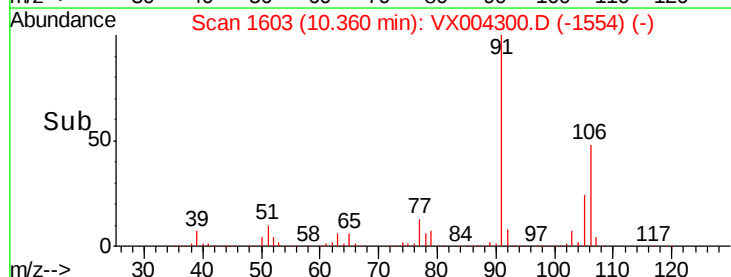
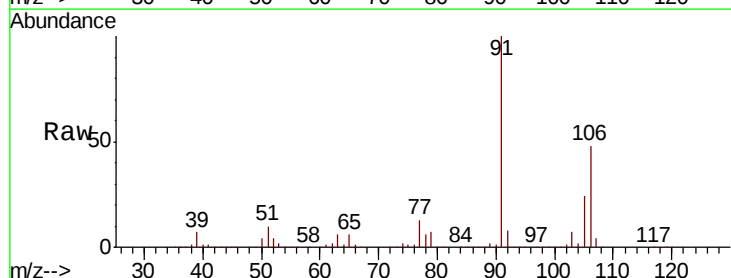
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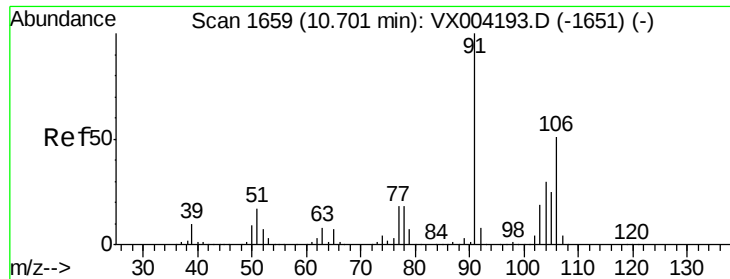
MMDadoda
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#68
m/p-Xylenes
Concen: 105.93 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tgt Ion: 106 Resp: 676642
Ion Ratio Lower Upper
106 100
91 199.2 157.1 235.7





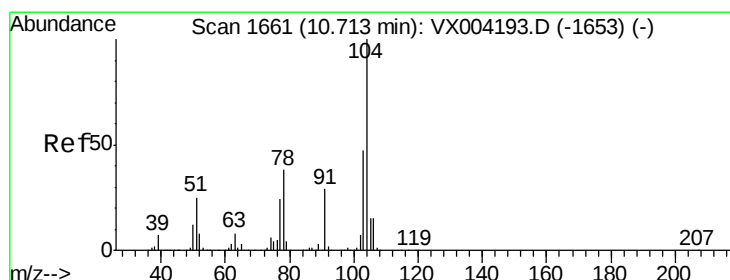
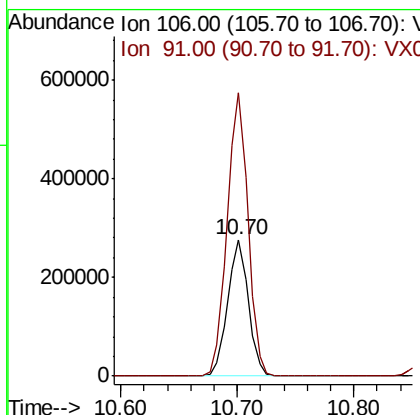
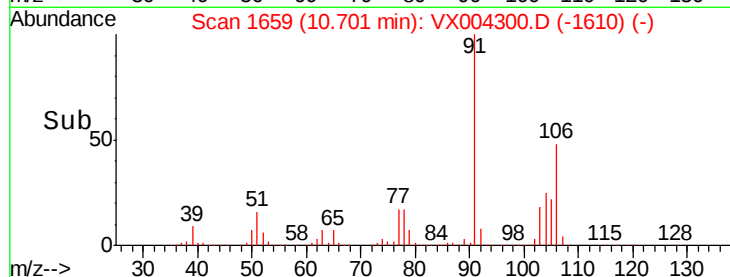
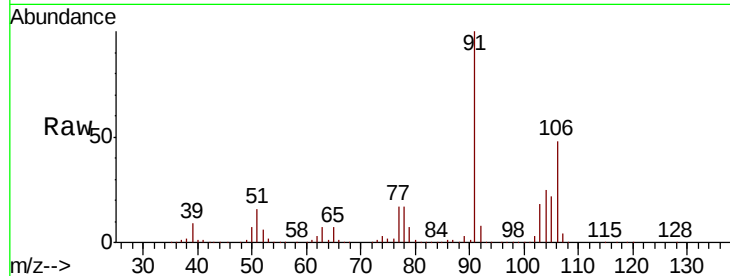
#69
o-Xylene
Concen: 56.43 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 340942
Ion Ratio Lower Upper
106 100
91 210.0 105.1 315.1

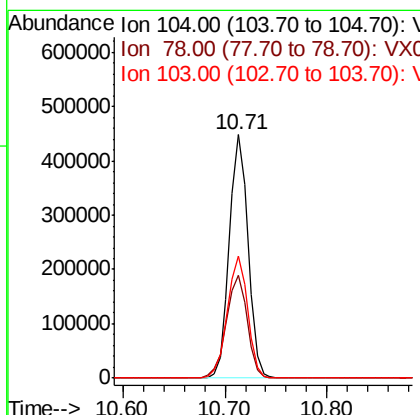
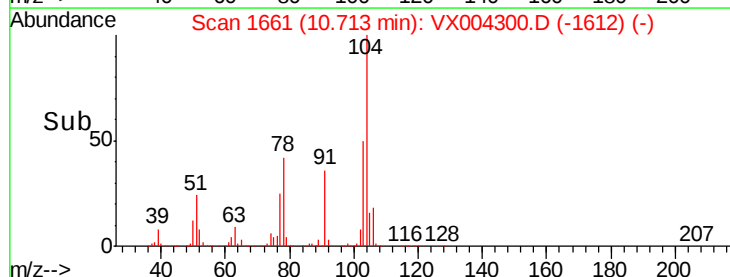
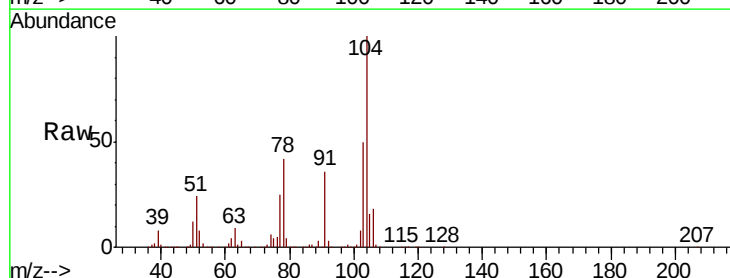
Manual Integrations
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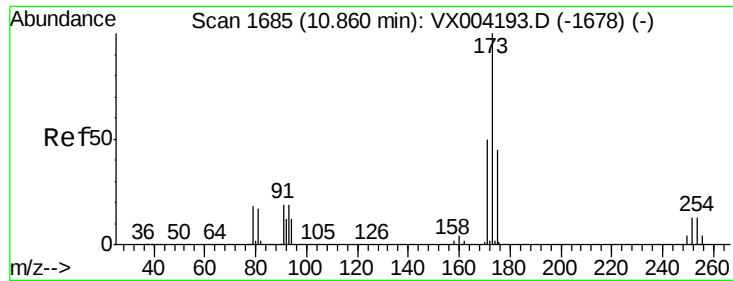
MMDadoda
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#70
Styrene
Concen: 58.13 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tgt Ion:104 Resp: 568732
Ion Ratio Lower Upper
104 100
78 47.0 37.4 56.0
103 54.5 43.8 65.6





#71

Bromoform

Concen: 55.16 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 154268

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.3

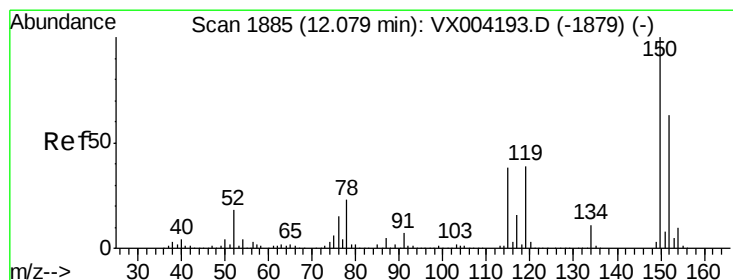
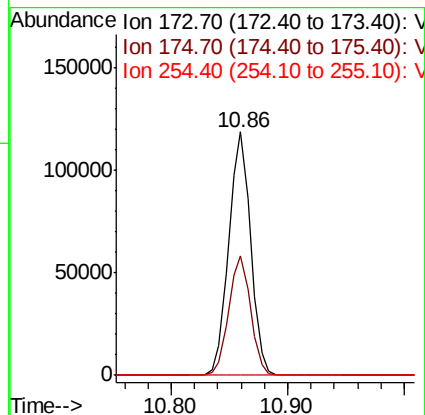
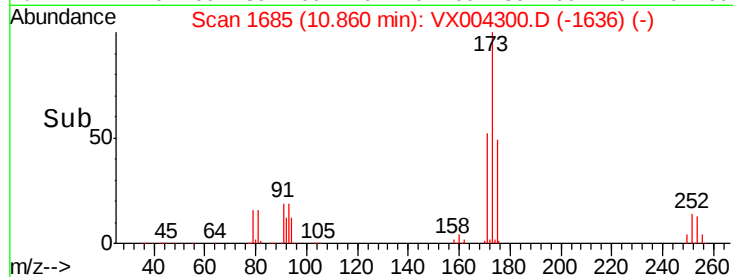
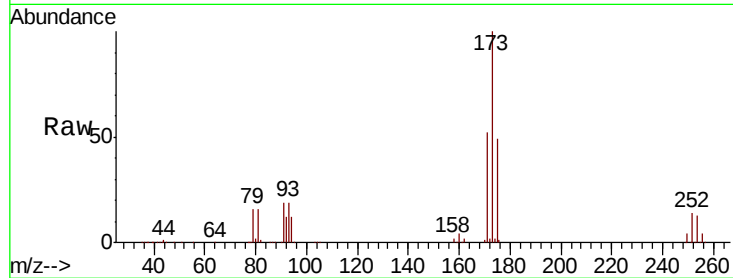
254 0.2 0.2 0.2

Manual Integrations

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

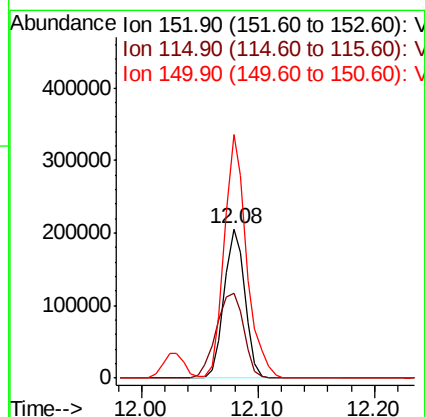
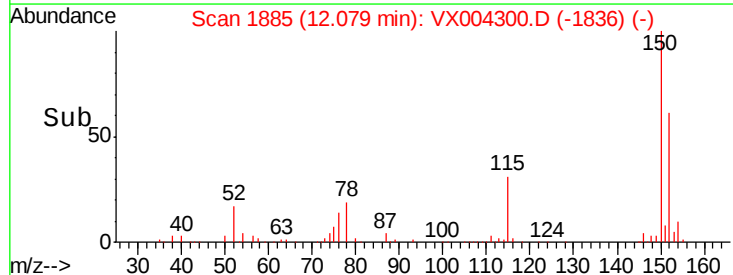
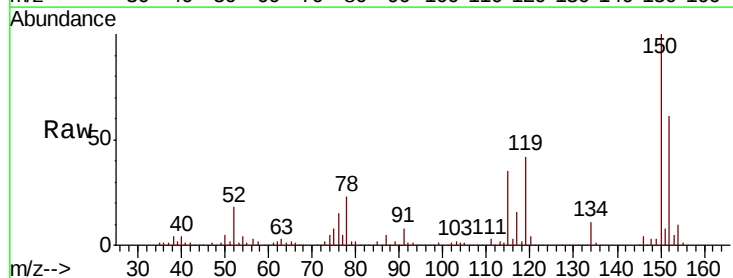
Tgt Ion:152 Resp: 252766

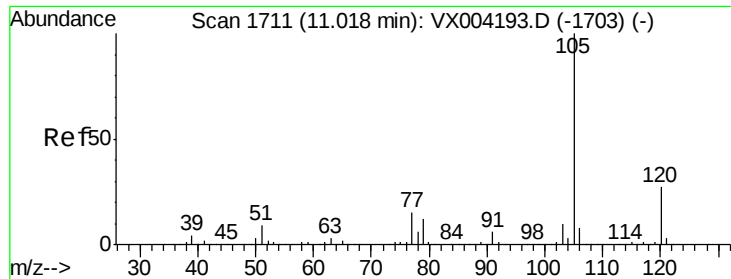
Ion Ratio Lower Upper

152 100

115 75.5 39.0 117.0

150 175.4 0.0 351.0





#73

Isopropylbenzene

Concen: 54.86 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 910709

Ion Ratio Lower Upper

105 100

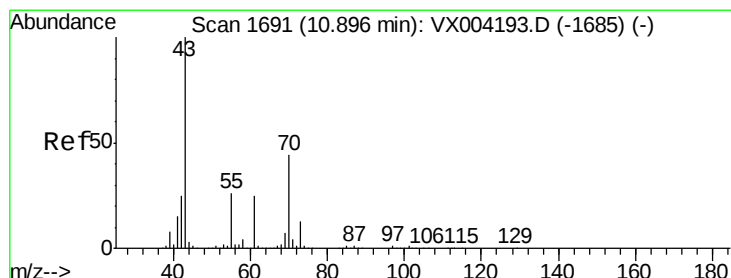
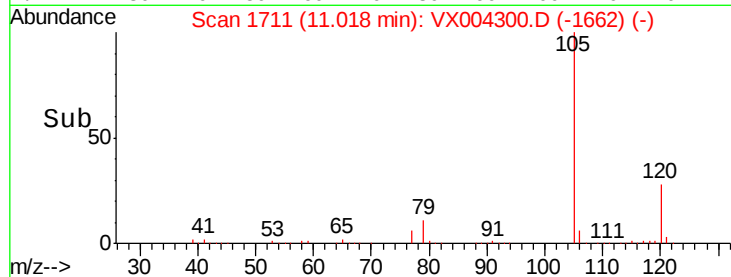
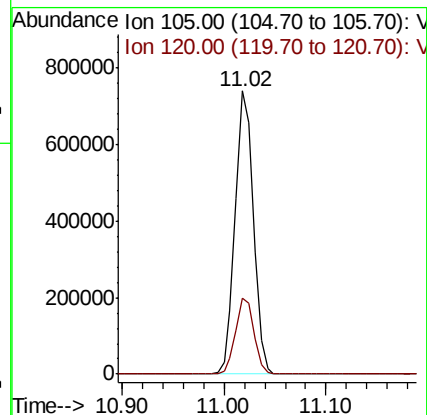
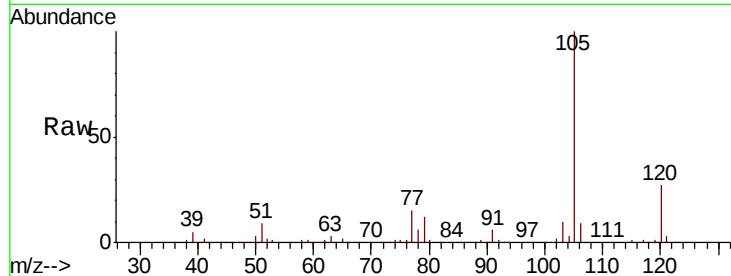
120 27.0 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 54.68 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Tgt Ion: 43 Resp: 349508

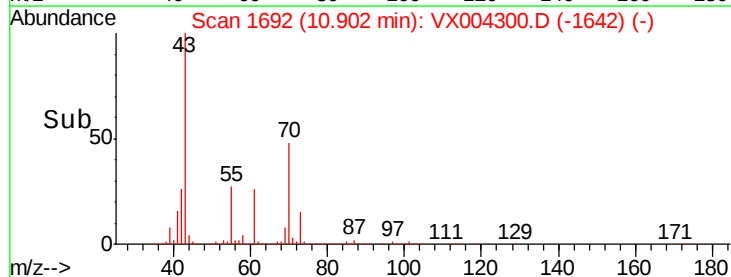
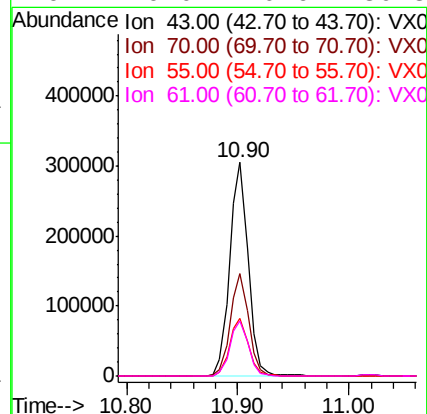
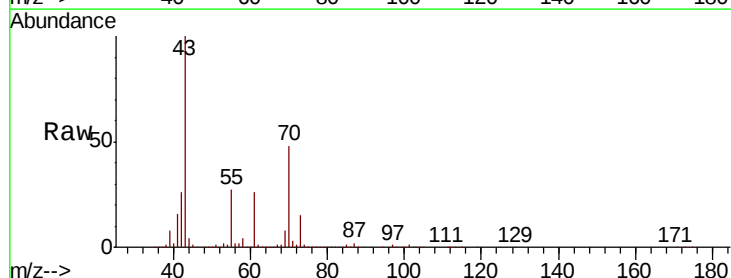
Ion Ratio Lower Upper

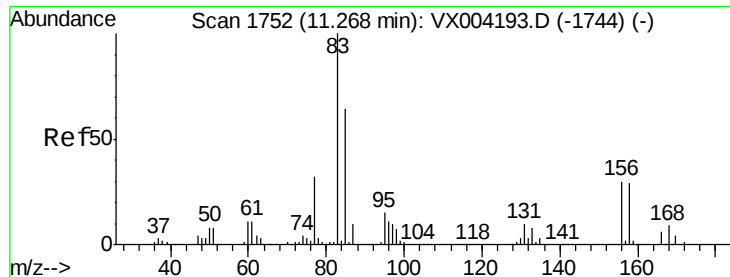
43 100

70 47.4 37.4 56.0

55 27.6 21.8 32.8

61 26.0 20.6 30.8





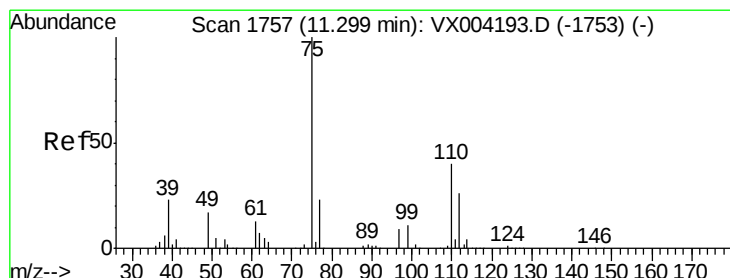
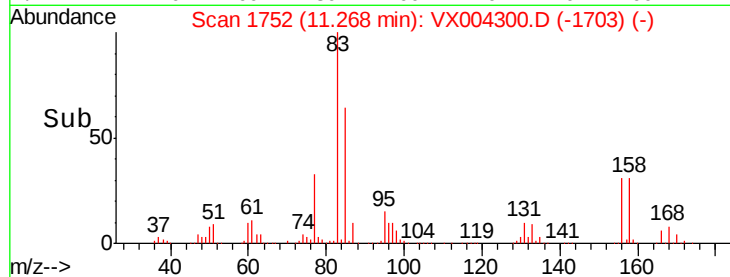
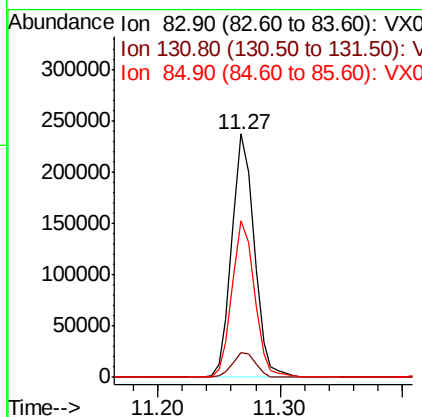
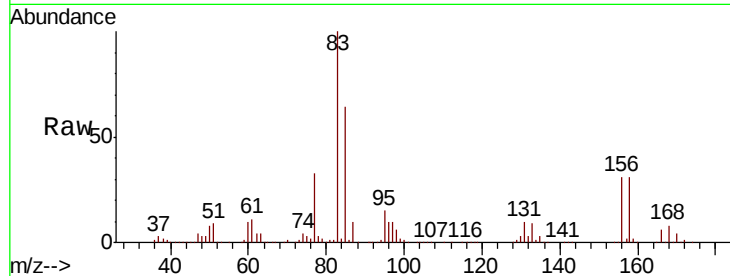
#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.97 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.6	5.2	15.6	
85	64.4	32.3	96.8	

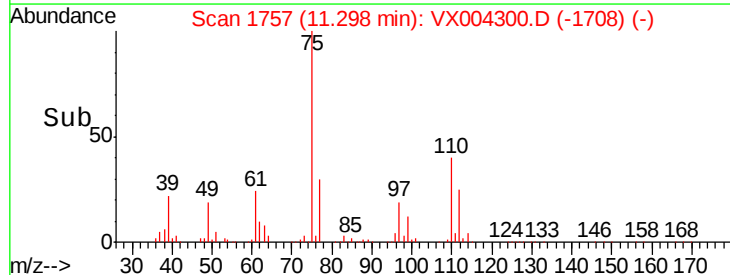
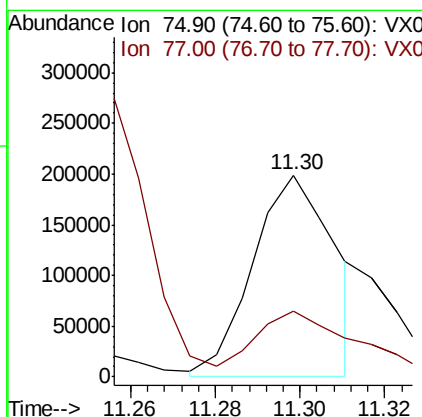
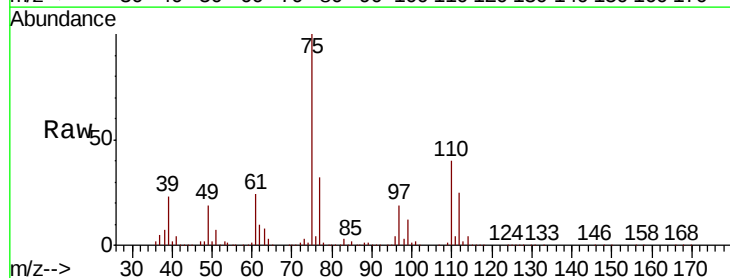
Manual Integrations
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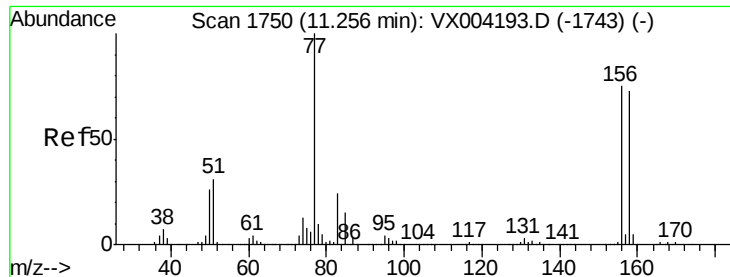
MMDadoda
 8/30/2018 1:38:36 PM



#76
 1,2,3-Trichloropropane
 Concen: 52.07 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	40.6	20.2	60.6	





#77

Bromobenzene

Concen: 52.05 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

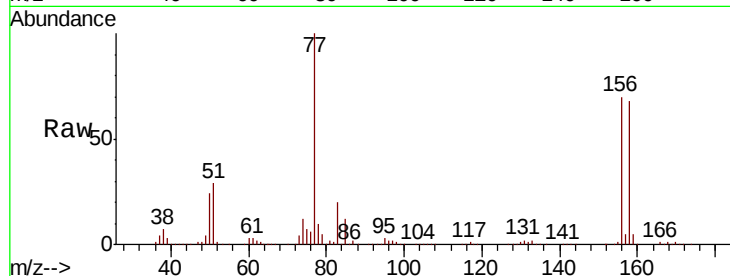
ClientSampleId :

VSTDCCC050EC

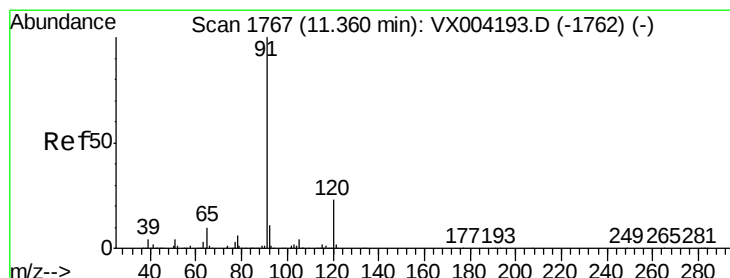
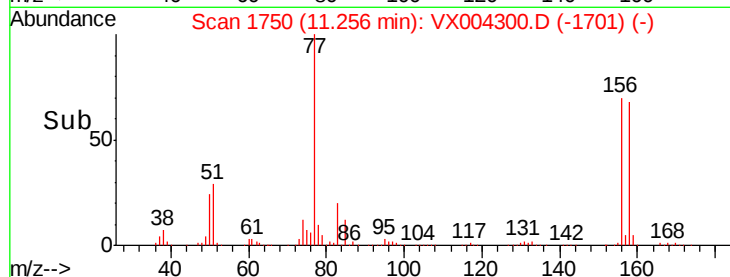
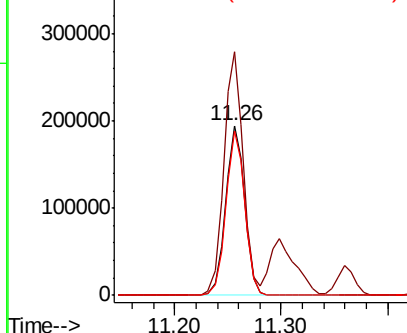
Tot Ion:	156	Resp:	242373
Ion Ratio	Lower	Upper	
156	100		
77	145.1	71.5	214.3
158	96.6	48.9	146.8

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



#78

n-propylbenzene

Concen: 54.51 ug/l

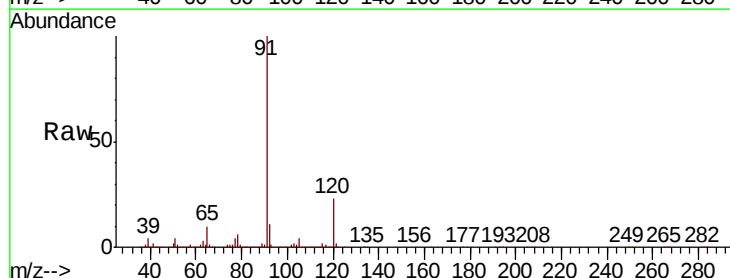
RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

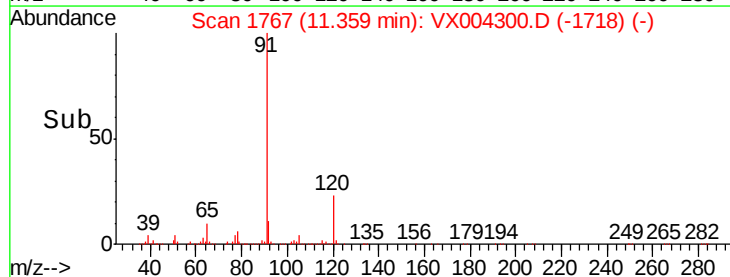
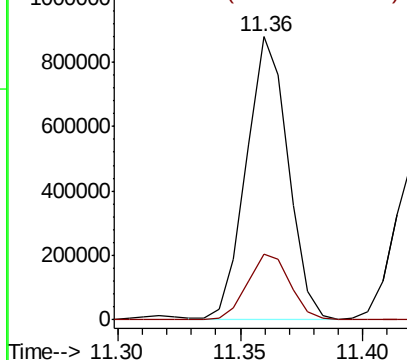
Lab File: VX004300.D

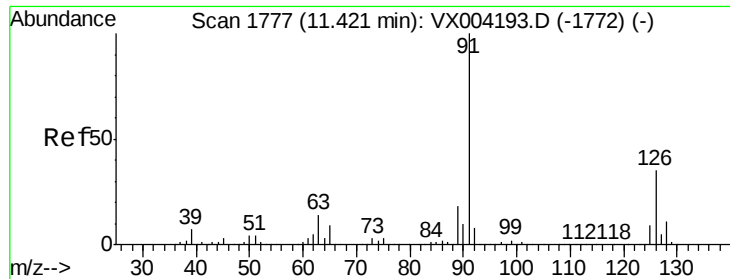
Acq: 29 Aug 2018 18:31

Tgt Ion:	91	Resp:	1040856
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.9



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





#79

2-Chlorotoluene

Concen: 52.49 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 616919

Ion Ratio Lower Upper

91 100

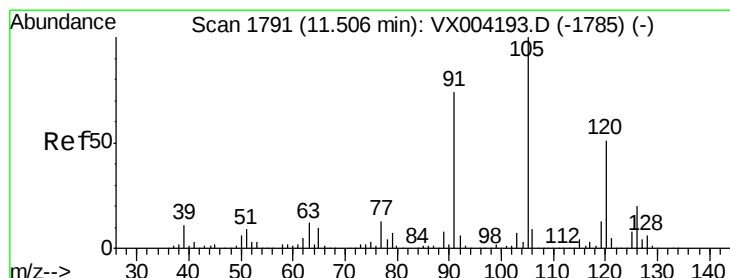
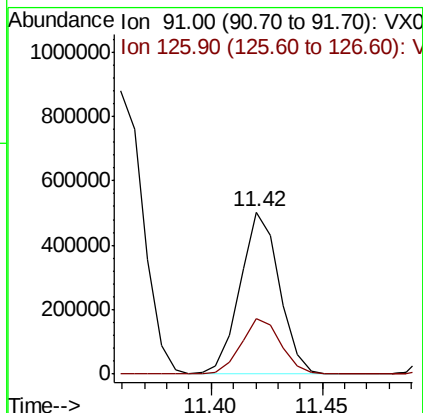
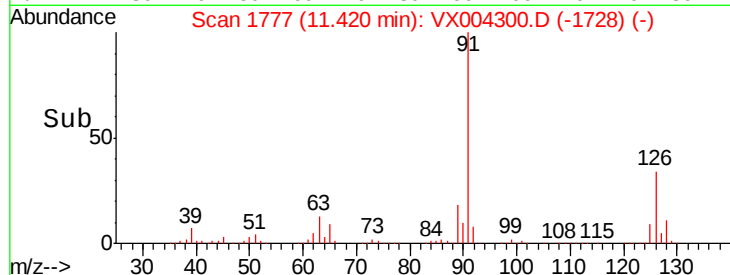
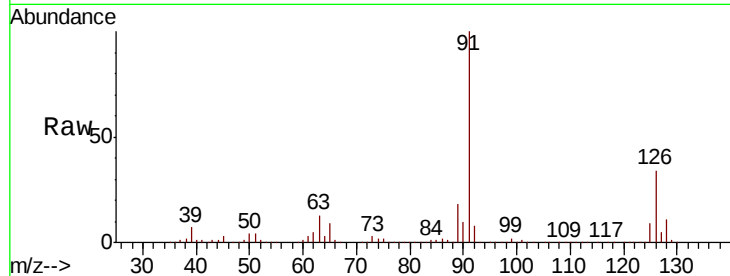
126 34.9 17.9 53.7

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#80

1,3,5-Trimethylbenzene

Concen: 54.40 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004300.D

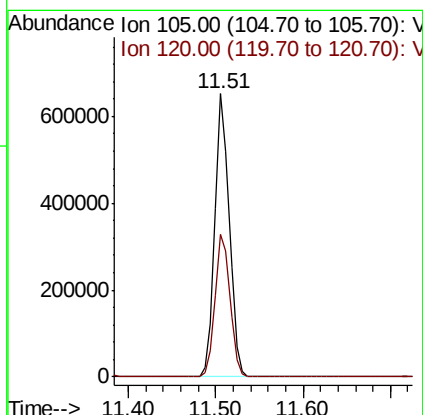
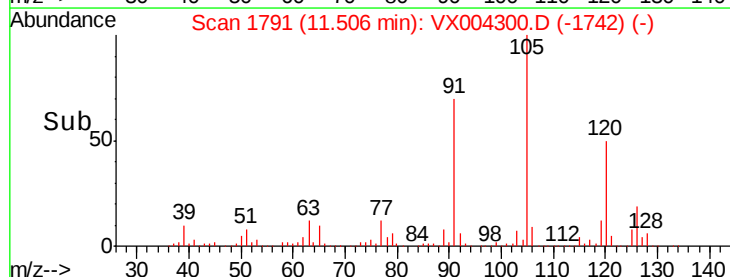
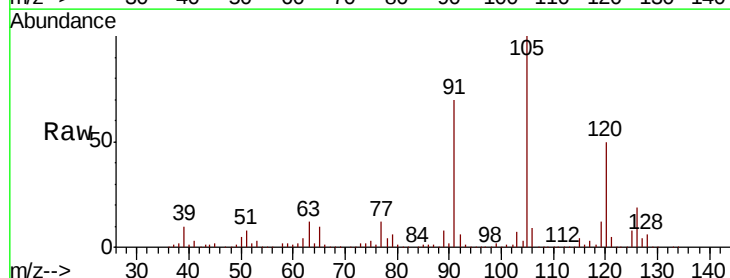
Acq: 29 Aug 2018 18:31

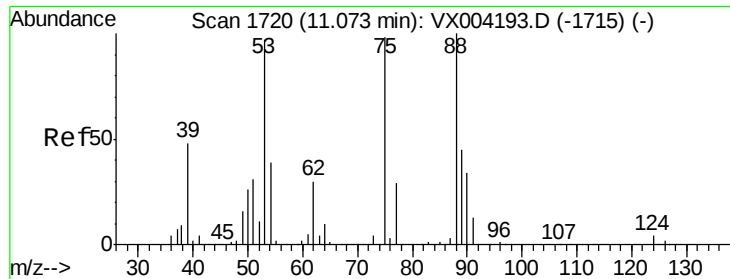
Tgt Ion: 105 Resp: 747888

Ion Ratio Lower Upper

105 100

120 51.9 25.6 76.8





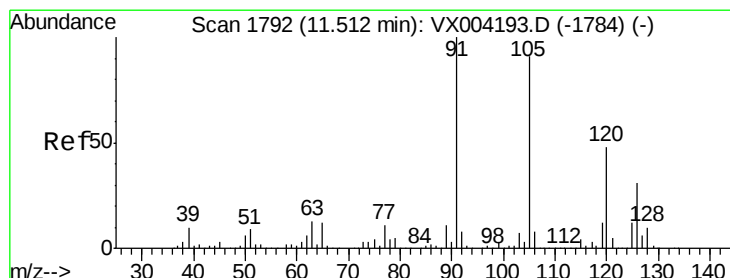
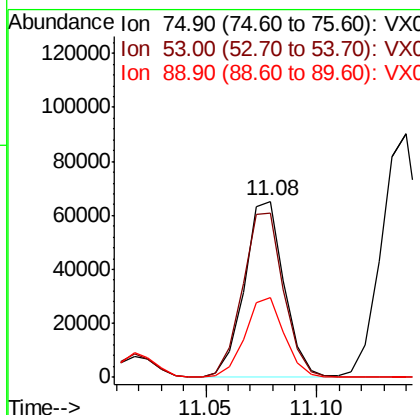
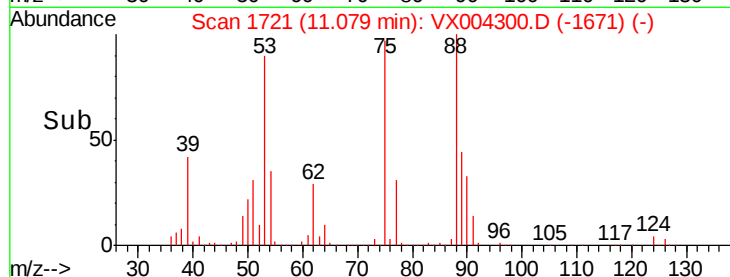
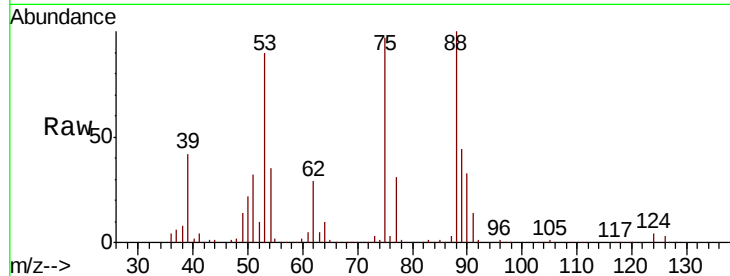
#81
trans-1,4-Dichloro-2-butene
Concen: 50.84 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.01 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.9	80.1	120.1
89	45.3	37.2	55.8

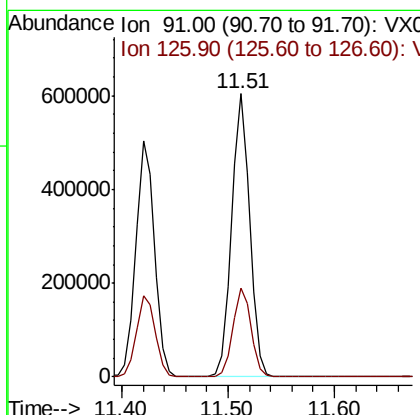
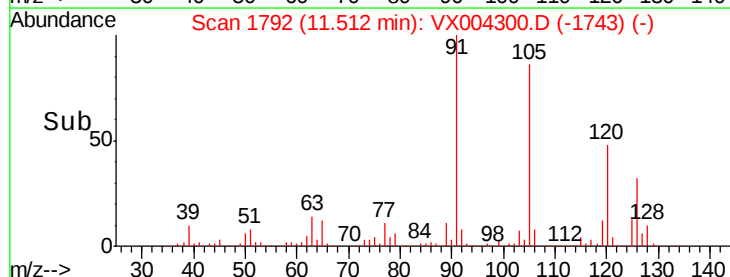
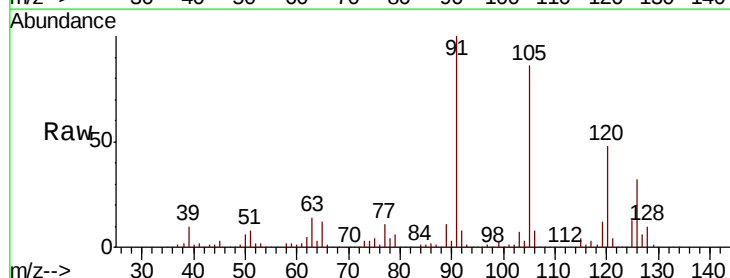
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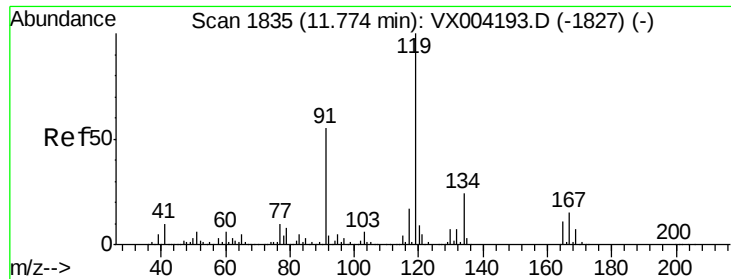
MMDadoda
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#82
4-Chlorotoluene
Concen: 52.13 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.5	46.5





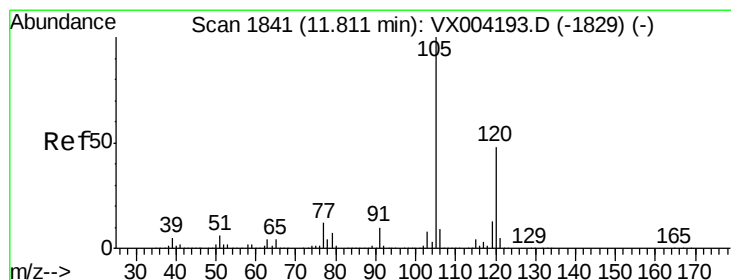
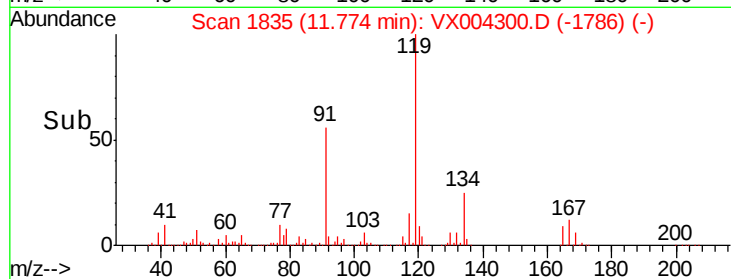
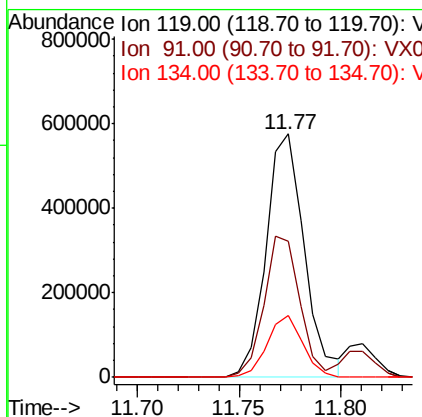
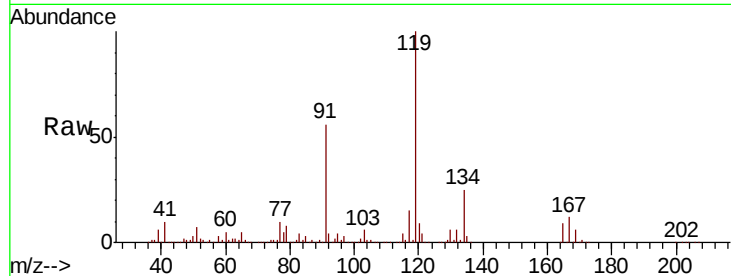
#83
tert-Butylbenzene
Concen: 54.24 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	750297		
91	54.5		27.0	81.0
134	23.6		11.7	35.1

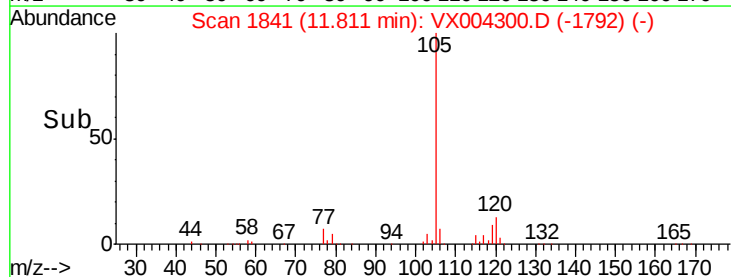
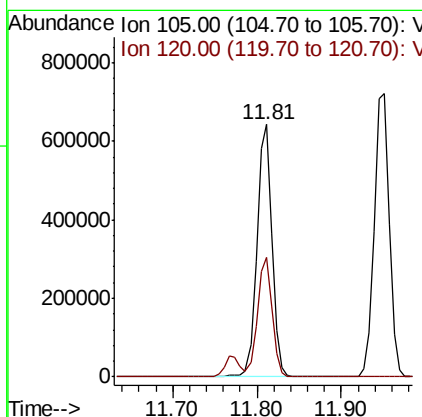
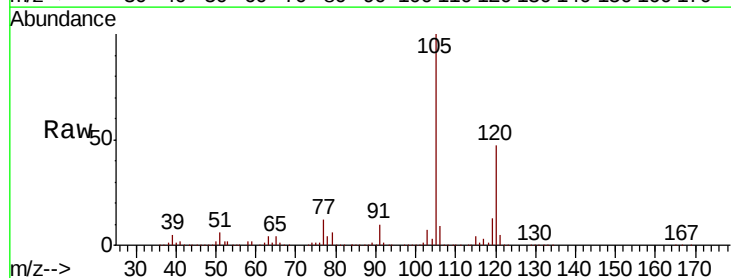
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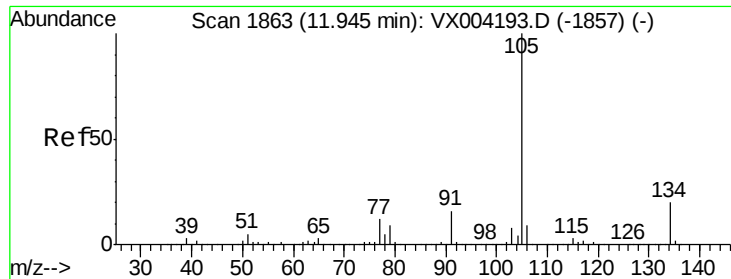
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 55.65 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	785335		
120	46.3		23.2	69.6





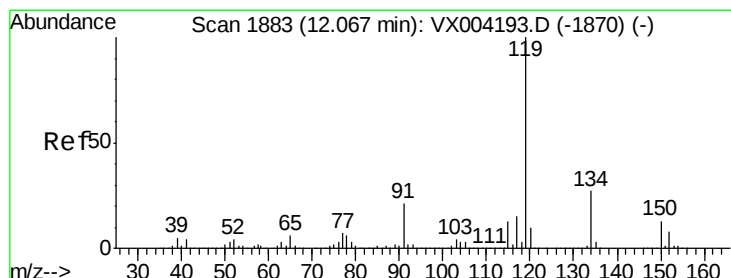
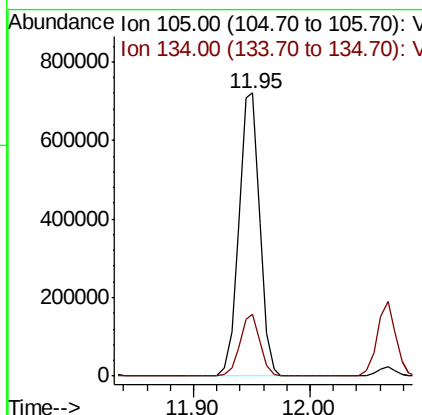
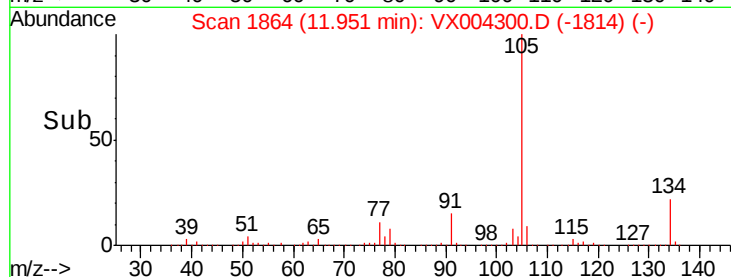
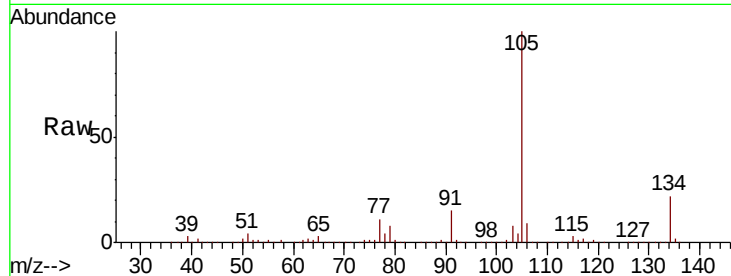
#85
 sec-Butylbenzene
 Concen: 54.62 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.01 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.5	31.5

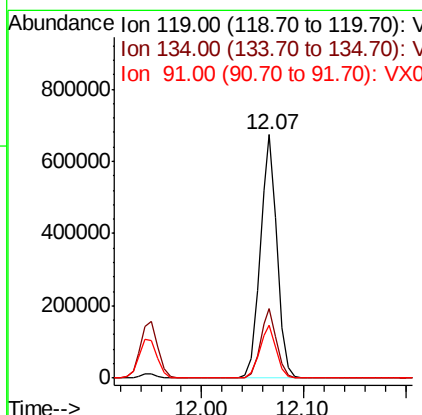
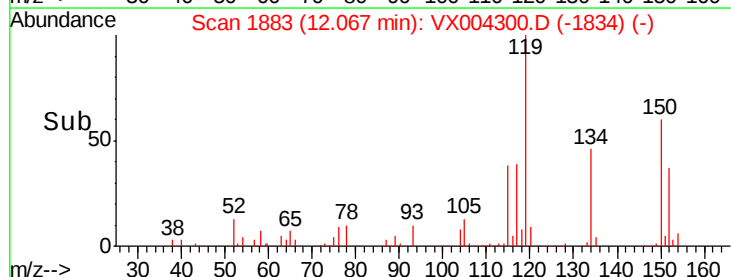
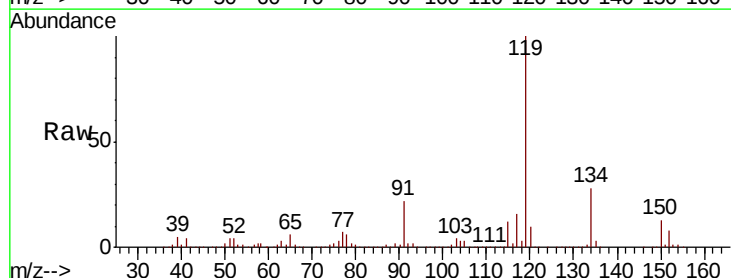
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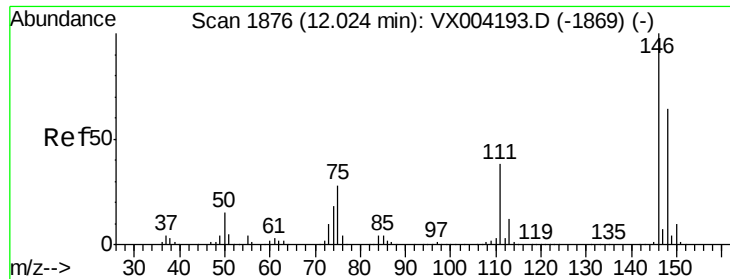
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 52.67 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.4	40.2
91	21.6	10.9	32.7





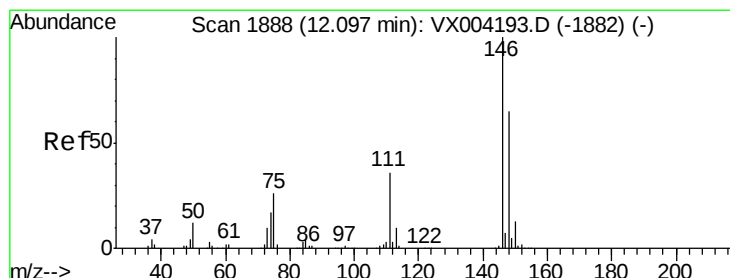
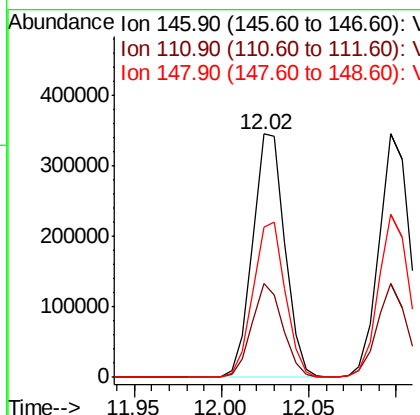
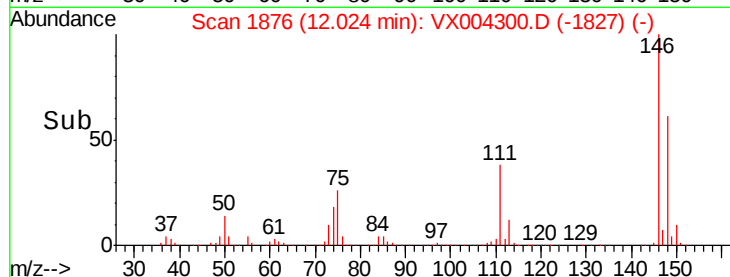
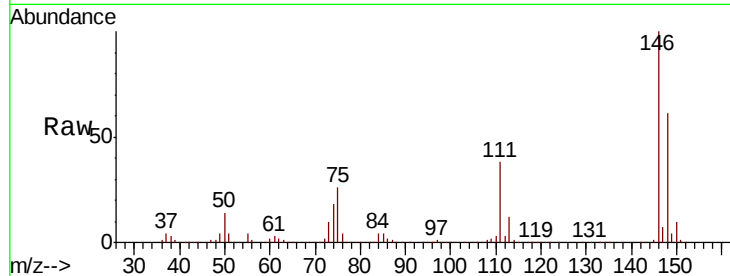
#87
 1,3-Dichlorobenzene
 Concen: 50.65 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.7	56.1
148	63.5	32.1	96.5

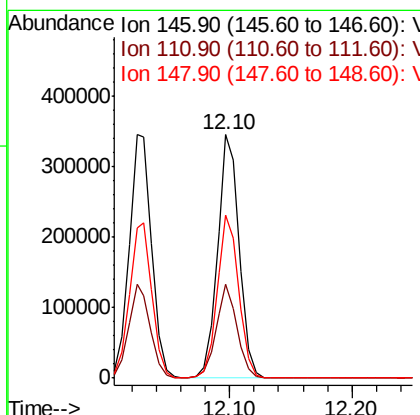
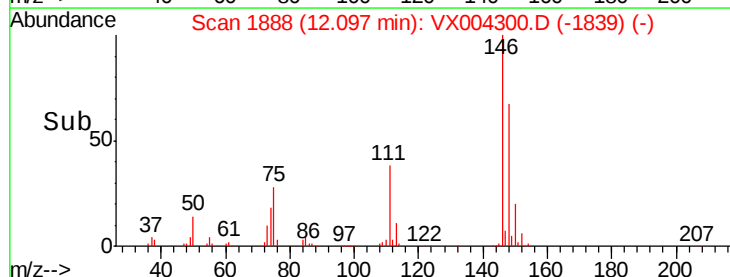
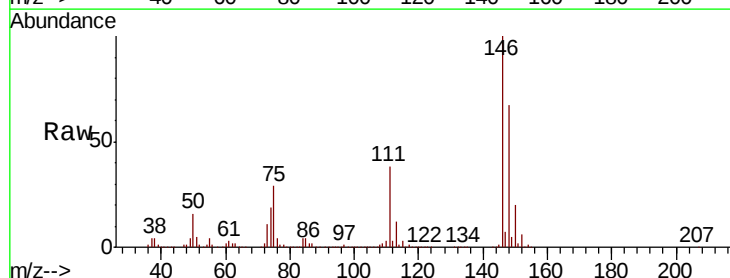
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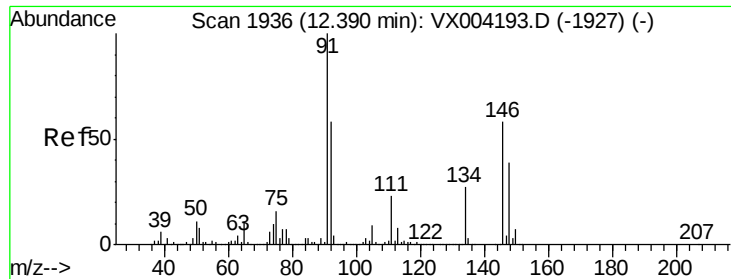
MMDadoda
 8/30/2018 1:38:36 PM



#88
 1,4-Dichlorobenzene
 Concen: 45.74 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	66.6	32.0	96.0





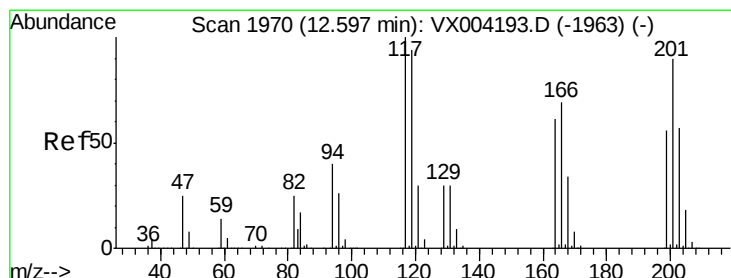
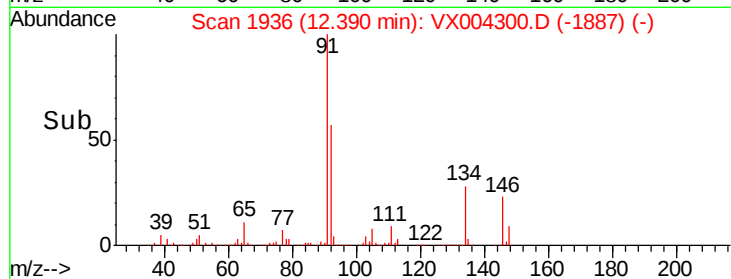
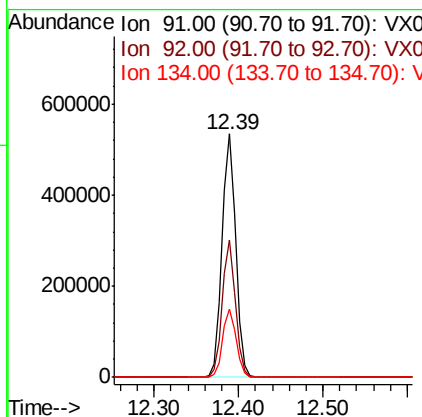
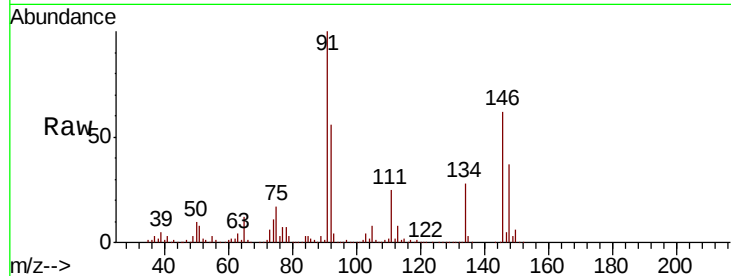
#89
n-Butylbenzene
Concen: 50.89 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	609079		
92	54.2		27.3	81.9
134	27.7		13.6	40.7

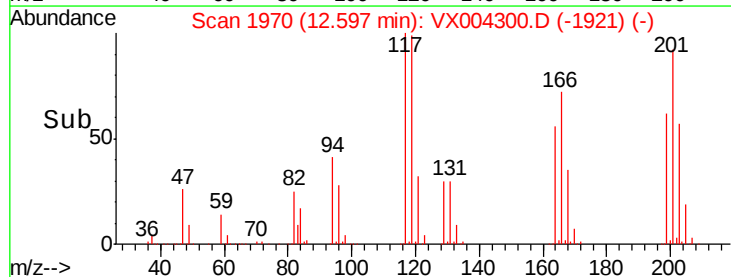
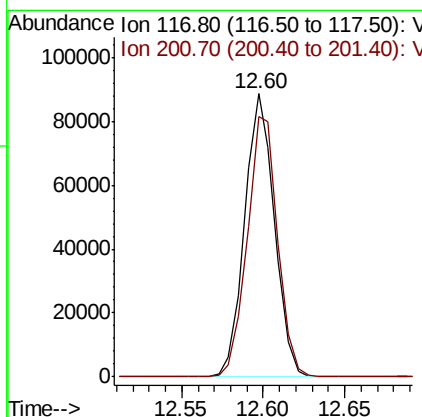
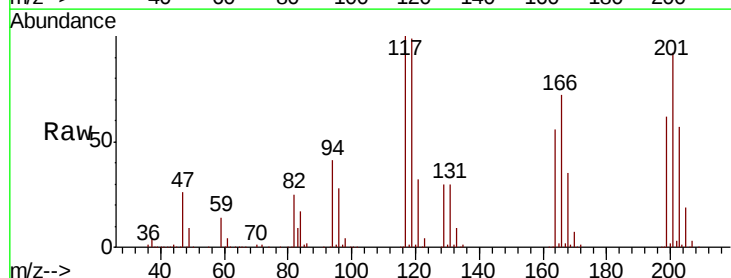
Manual Integrations
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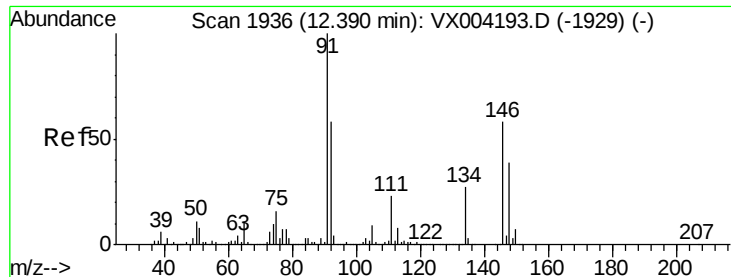
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#90
Hexachloroethane
Concen: 54.72 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004300.D
Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	112563		
201	94.2		46.9	140.6





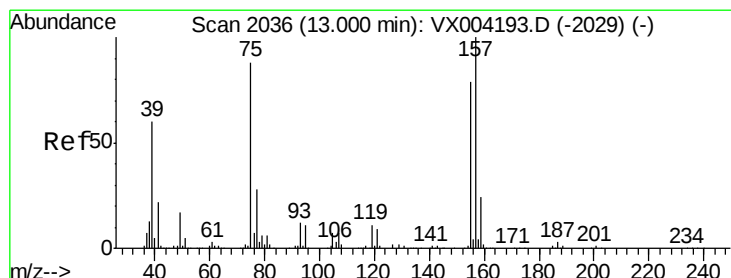
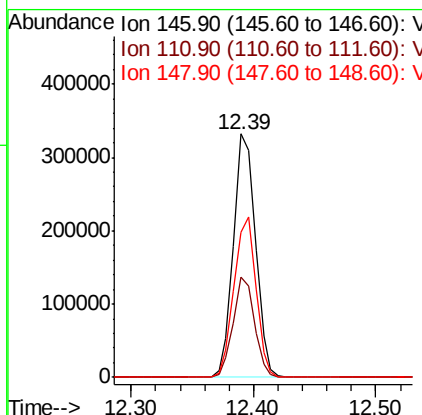
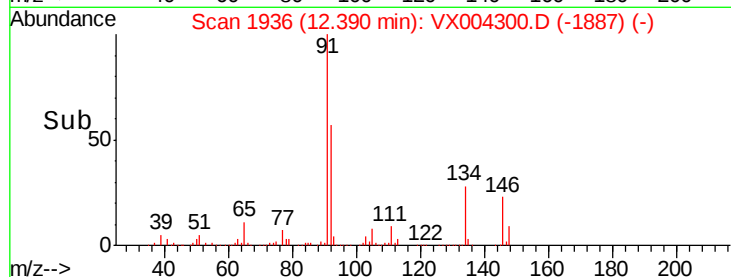
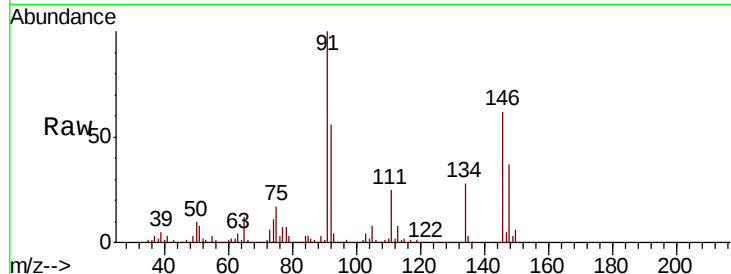
#91
 1,2-Dichlorobenzene
 Concen: 51.45 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	412260		
111	39.9	19.4	58.1	
148	65.7	32.8	98.3	

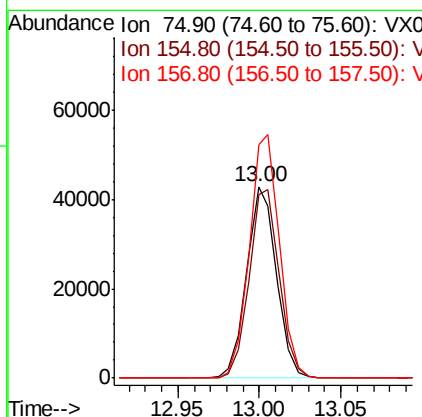
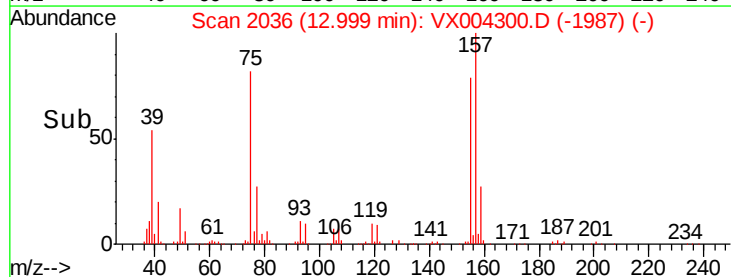
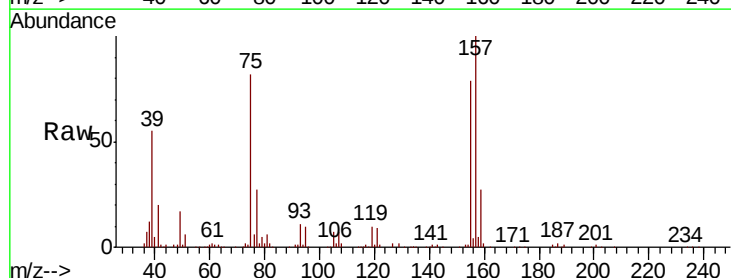
Manual Integrations
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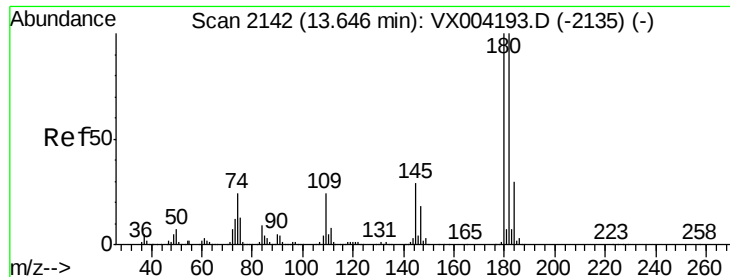
MMDadoda
 8/30/2018 1:38:36 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.38 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	54627		
155	99.3	48.0	144.2	
157	127.8	61.4	184.1	





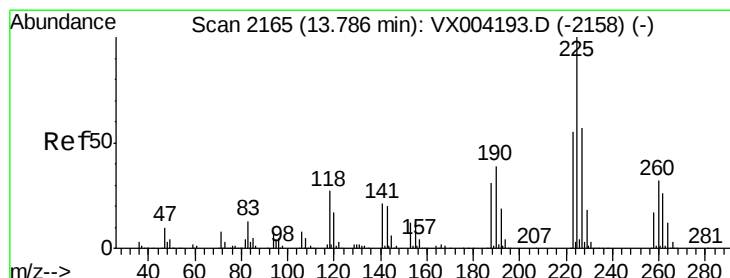
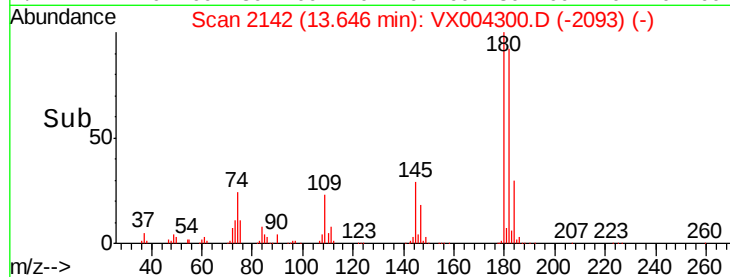
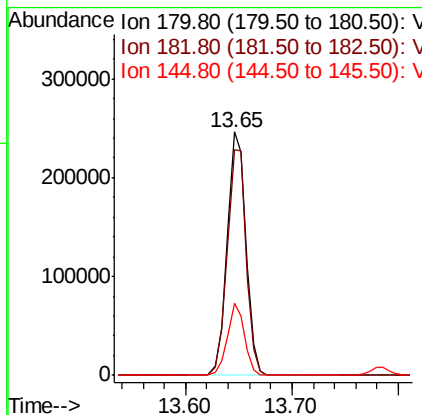
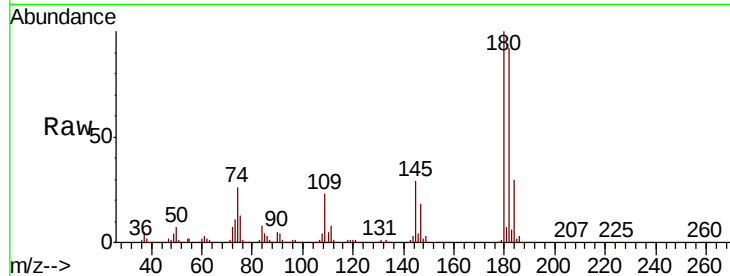
#93
 1,2,4-Trichlorobenzene
 Concen: 52.04 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	303433		
182	94.3	48.4	145.0	
145	27.2	14.3	42.9	

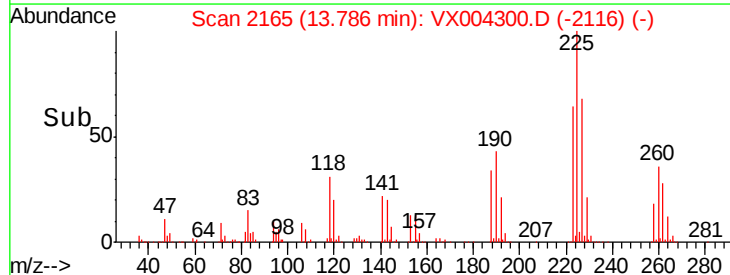
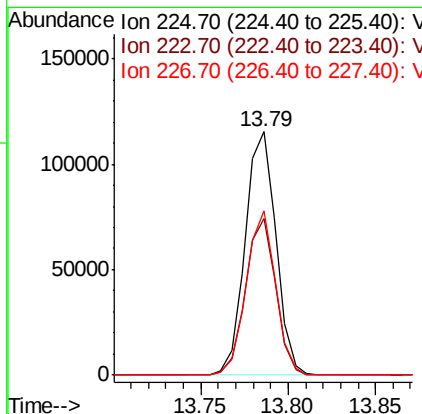
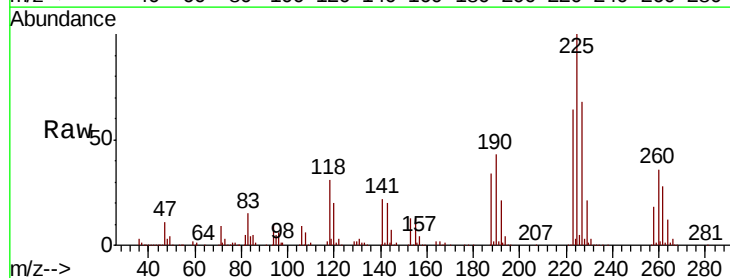
Manual Integrations
 APPROVED

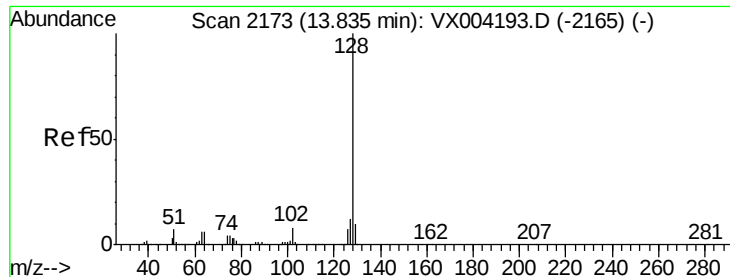
MMDadoda
 8/30/2018 1:38:36 PM



#94
 Hexachlorobutadiene
 Concen: 51.94 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004300.D
 Acq: 29 Aug 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	140872		
223	62.9	30.1	90.5	
227	64.5	30.8	92.4	





#95

Naphthalene

Concen: 60.82 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1003022

Ion Ratio Lower Upper

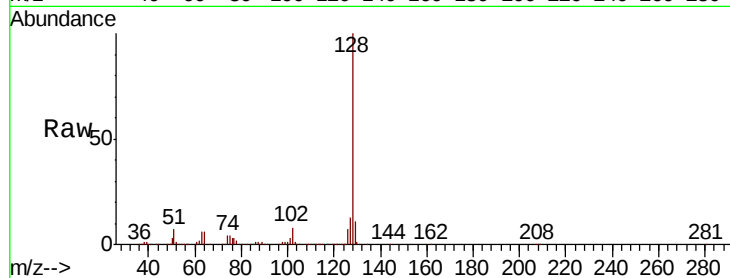
128 100

127 12.8 10.2 15.2

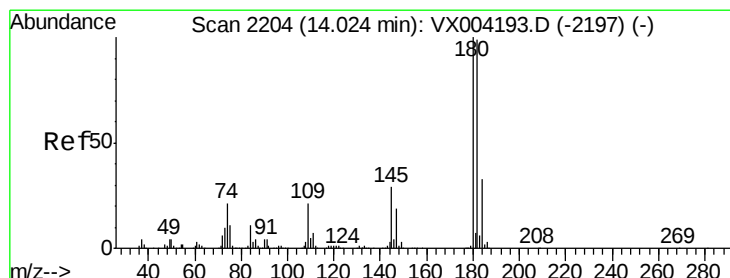
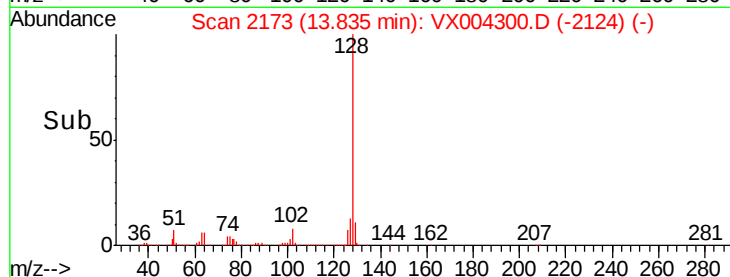
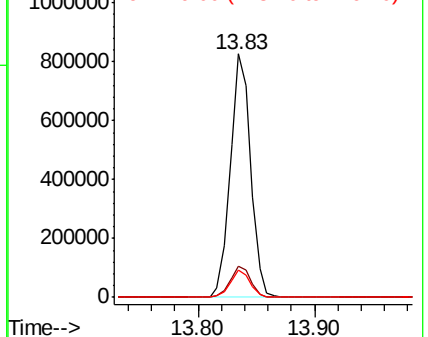
129 10.9 8.6 12.8

Manual Integrations
APPROVED

MMDadoda
8/30/2018 1:38:36 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.94 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004300.D

Acq: 29 Aug 2018 18:31

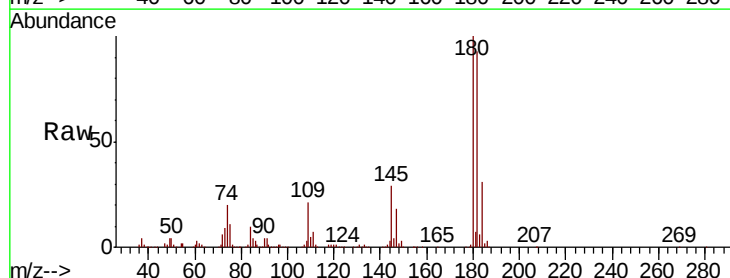
Tgt Ion:180 Resp: 332918

Ion Ratio Lower Upper

180 100

182 95.2 48.5 145.6

145 29.9 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

