

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026348.D
 Acq On : 06 Jan 2022 02:02
 Operator : JC/MD
 Sample : N1019-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 05:04:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

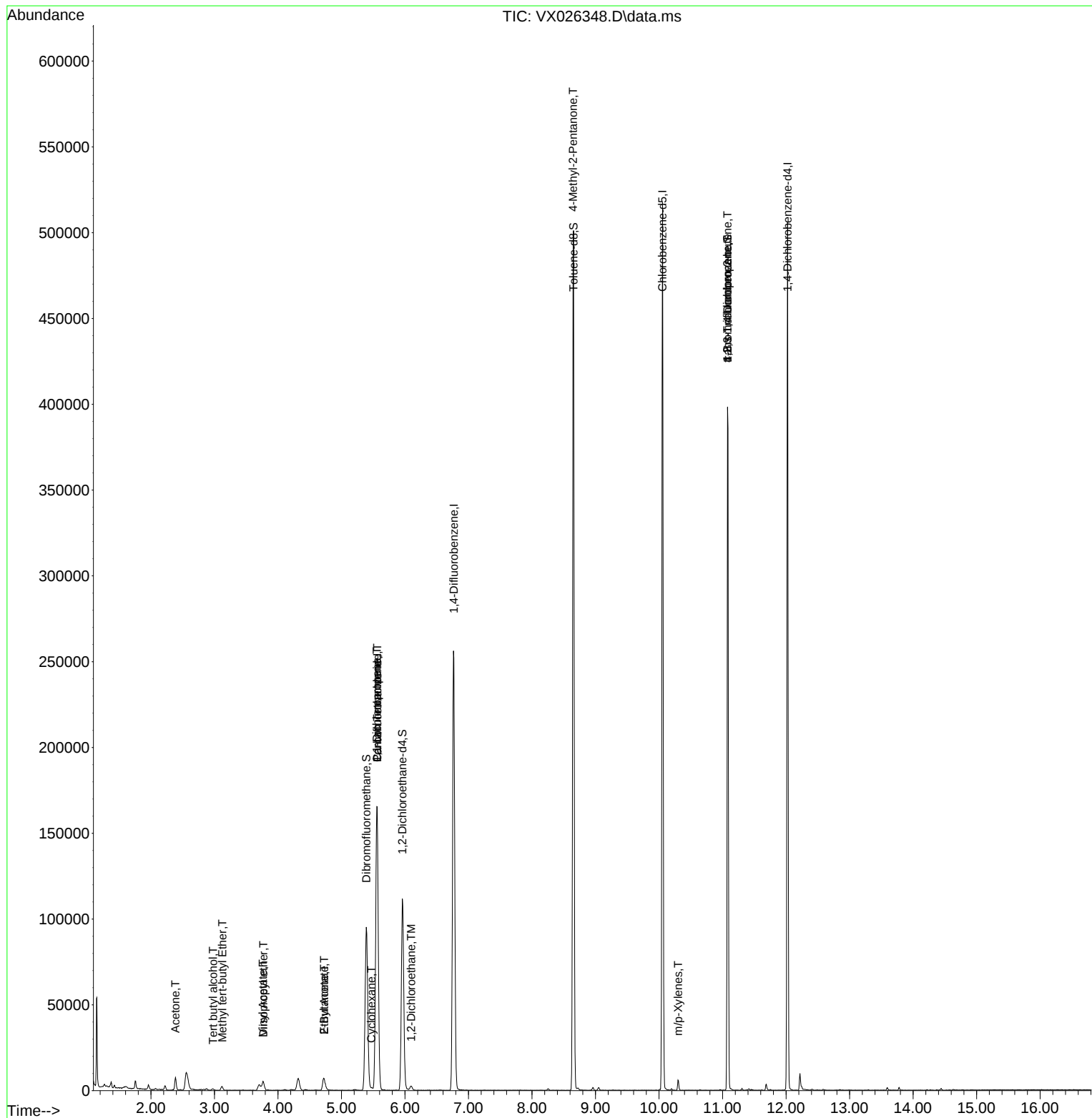
Internal Standards						
1) Pentafluorobenzene	5.562	168	153380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	255986	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110936	49.995	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.980%		
35) Dibromofluoromethane	5.391	113	83056	49.906	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.820%		
50) Toluene-d8	8.653	98	295794	47.783	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.560%		
62) 4-Bromofluorobenzene	11.079	95	109910	49.875	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.760%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.977	59	371	0.837	ug/l #	73
16) Acetone	2.386	43	8375	6.966	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	2123	0.358	ug/l #	88
20) Methylene Chloride	2.794	84	27	Below Cal	#	65
22) Diisopropyl ether	3.770	45	5378	0.839	ug/l #	76
23) Vinyl Acetate	3.763	43	2841	0.558	ug/l #	70
25) 2-Butanone	4.727	43	13400	8.001	ug/l #	49
31) Cyclohexane	5.470	56	931	0.295	ug/l #	61
36) 1,1-Dichloropropene	5.556	75	12562	4.680	ug/l #	50
37) Ethyl Acetate	4.727	43	13400	4.305	ug/l	99
38) Carbon Tetrachloride	5.562	117	16419	5.499	ug/l #	14
42) 1,2-Dichloroethane	6.098	62	2901	0.936	ug/l	84
51) 4-Methyl-2-Pentanone	8.647	43	1434	0.454	ug/l #	1
68) m/p-Xylenes	10.299	106	1442	0.445	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	58246	25.054	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58246	72.480	ug/l #	10

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

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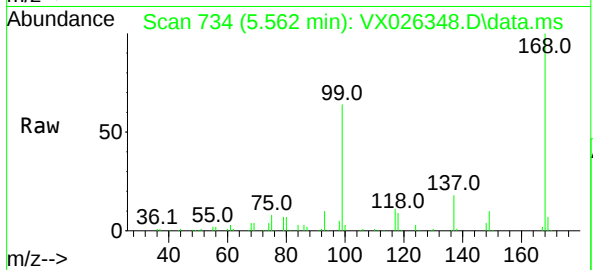
Quant Time: Jan 06 05:04:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



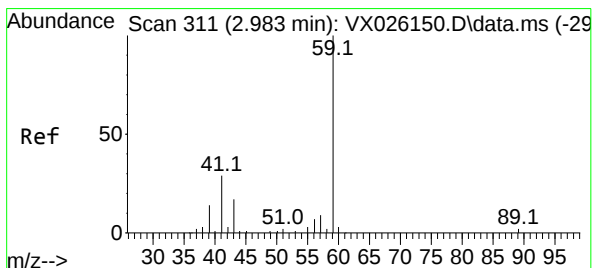
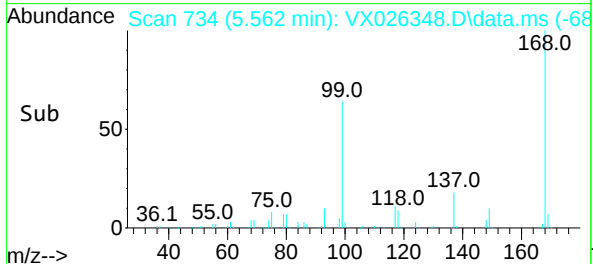
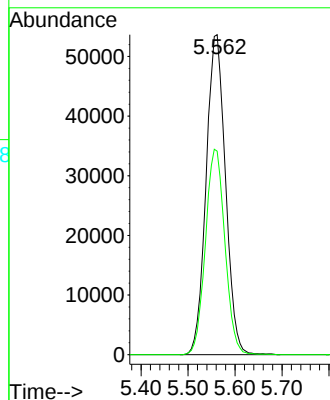


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

Instrument :
MSVOA_X
ClientSampleId :

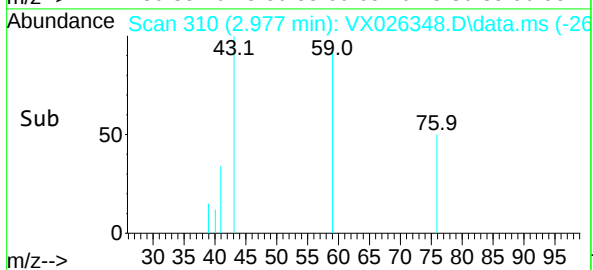
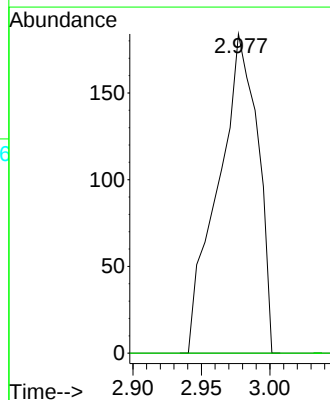
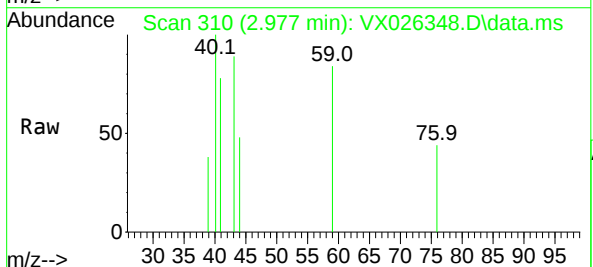


Tgt Ion:168 Resp: 153380
Ion Ratio Lower Upper
168 100
99 63.6 45.8 68.8



#11
Tert butyl alcohol
Concen: 0.837 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

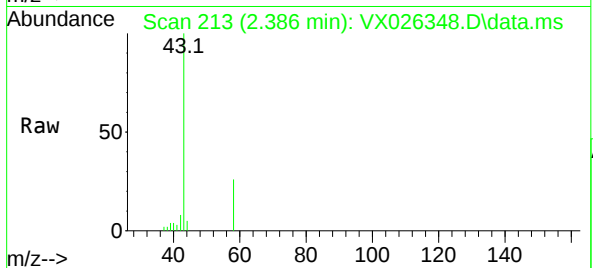
Tgt Ion: 59 Resp: 371
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



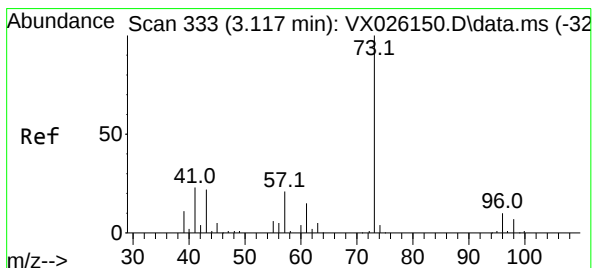
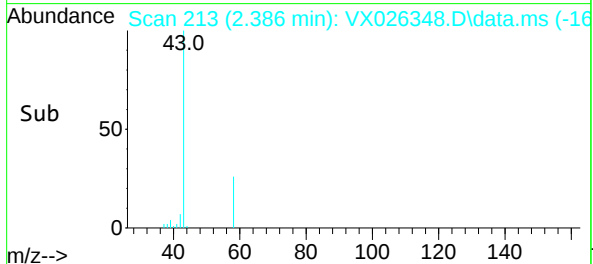
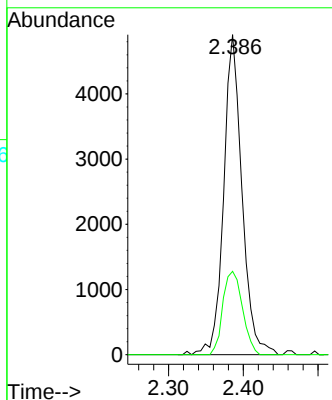


#16
Acetone
Concen: 6.966 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

Instrument :
MSVOA_X
ClientSampleId :

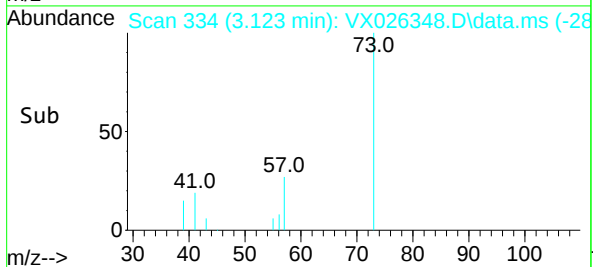
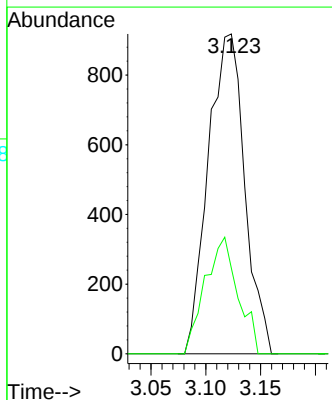
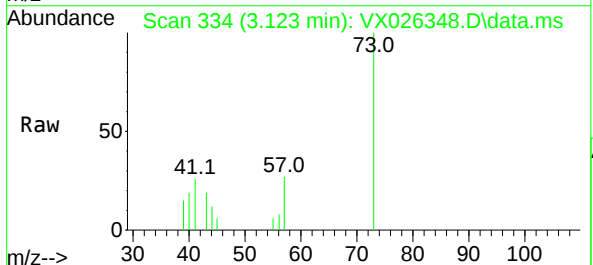


Tgt Ion: 43 Resp: 8375
Ion Ratio Lower Upper
43 100
58 26.1 24.8 37.2



#19
Methyl tert-butyl Ether
Concen: 0.358 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

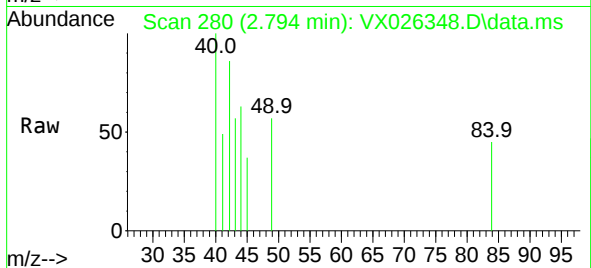
Tgt Ion: 73 Resp: 2123
Ion Ratio Lower Upper
73 100
57 26.8 17.0 25.6#





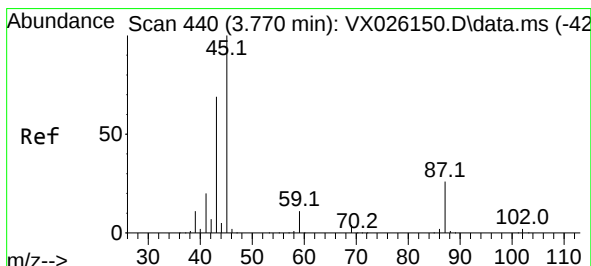
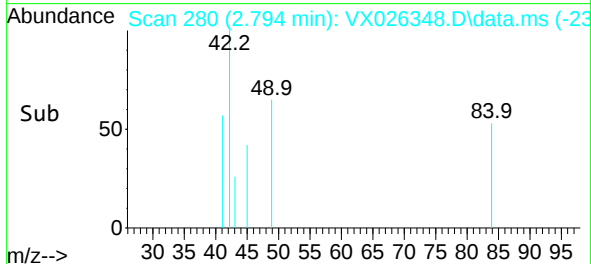
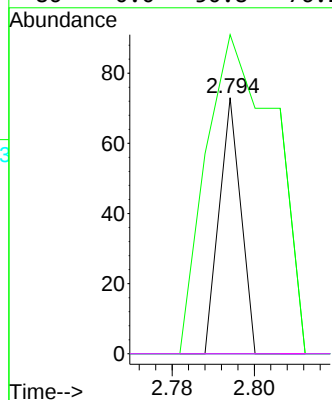
#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 27

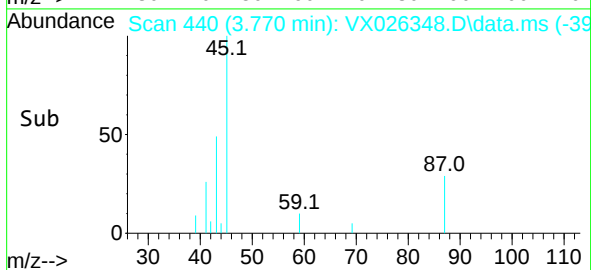
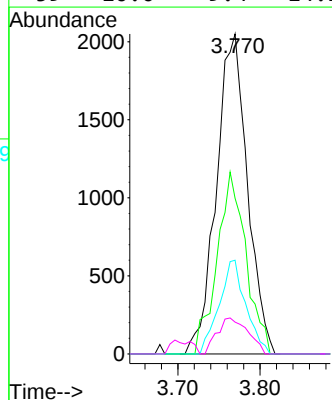
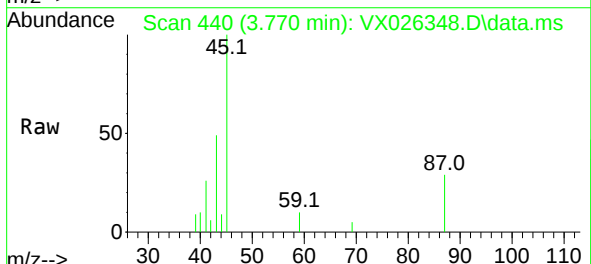
Ion	Ratio	Lower	Upper
84	100		
49	124.7	97.1	145.7
51	0.0	29.3	43.9#
86	0.0	50.8	76.2#

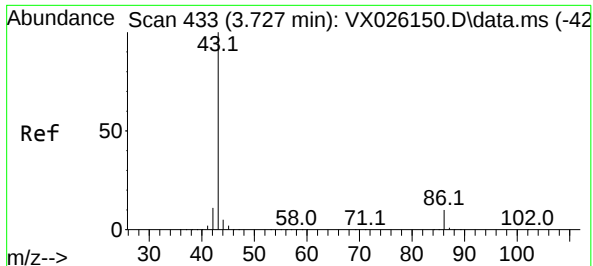


#22
Diisopropyl ether
Concen: 0.839 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

Tgt Ion: 45 Resp: 5378

Ion	Ratio	Lower	Upper
45	100		
43	48.6	63.8	95.6#
87	29.3	24.2	36.4
59	10.0	9.4	14.2

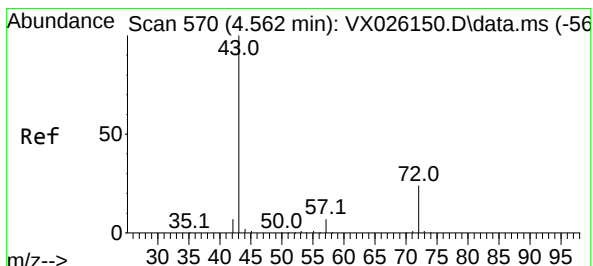
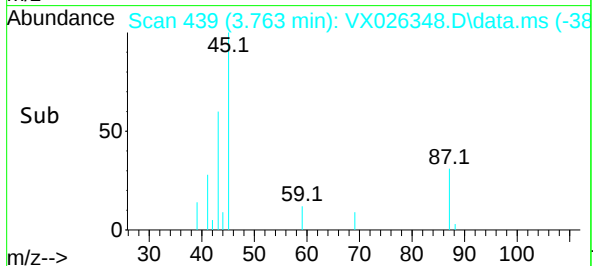
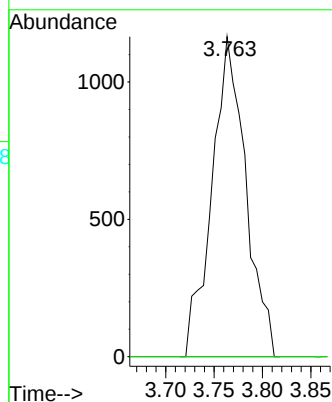
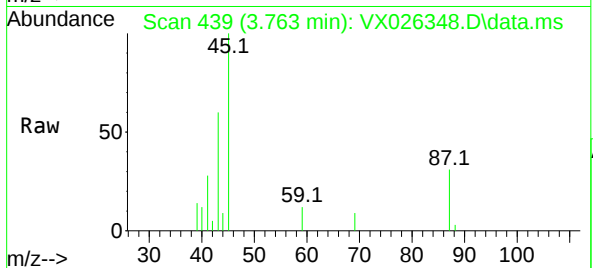




#23
 Vinyl Acetate
 Concen: 0.558 ug/l
 RT: 3.763 min Scan# 41
 Delta R.T. 0.036 min
 Lab File: VX026348.D
 Acq: 06 Jan 2022 02:02

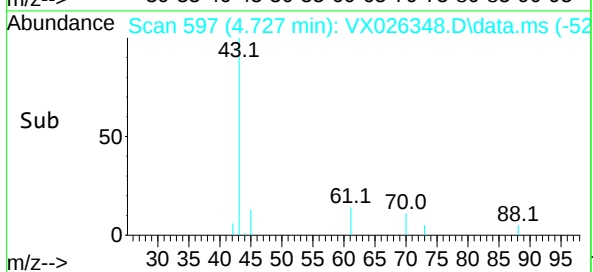
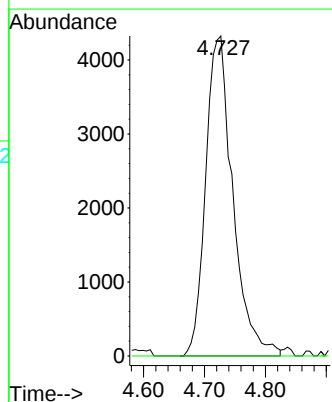
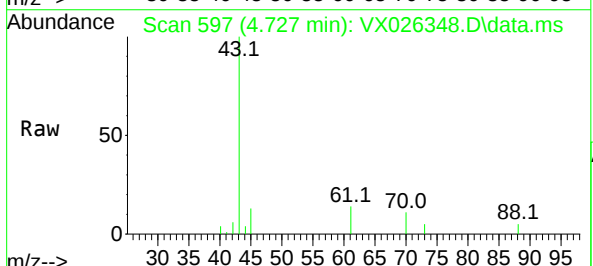
Instrument :
 MSVOA_X
 ClientSampleId :

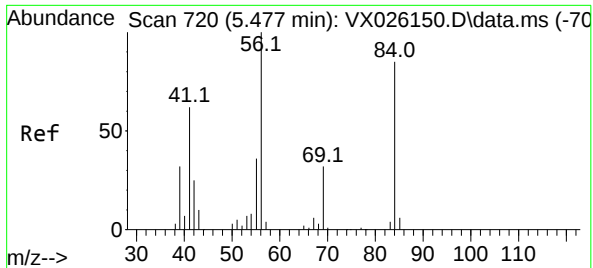
Tgt Ion: 43 Resp: 2841
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.0 13.6#



#25
 2-Butanone
 Concen: 8.001 ug/l
 RT: 4.727 min Scan# 597
 Delta R.T. 0.165 min
 Lab File: VX026348.D
 Acq: 06 Jan 2022 02:02

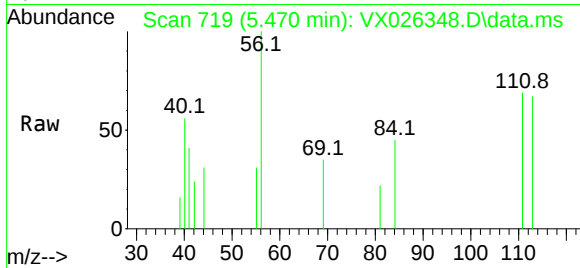
Tgt Ion: 43 Resp: 13400
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.0 31.4#



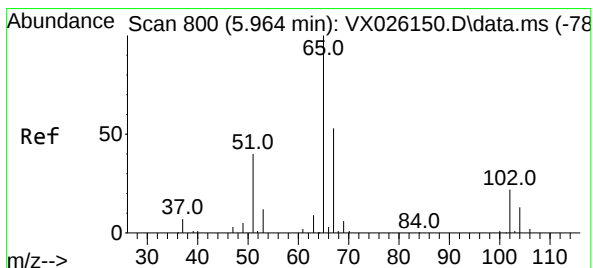
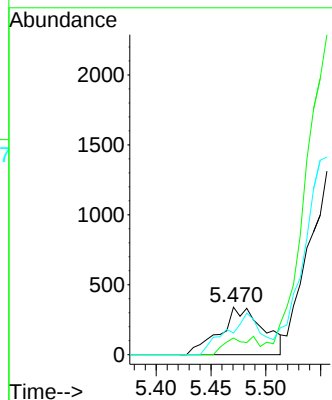
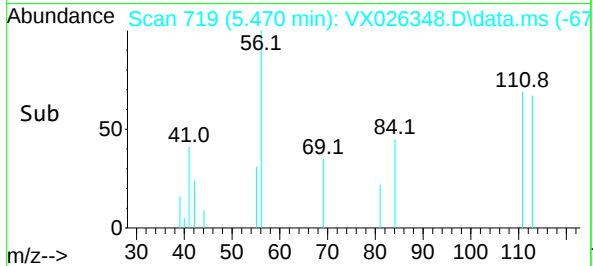


#31
Cyclohexane
Concen: 0.295 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

Instrument :
MSVOA_X
ClientSampleId :

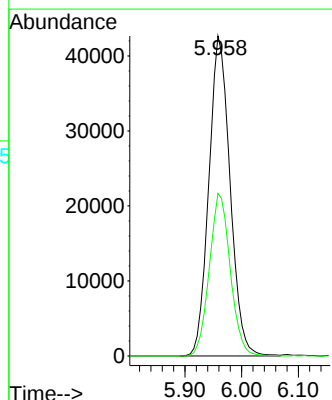
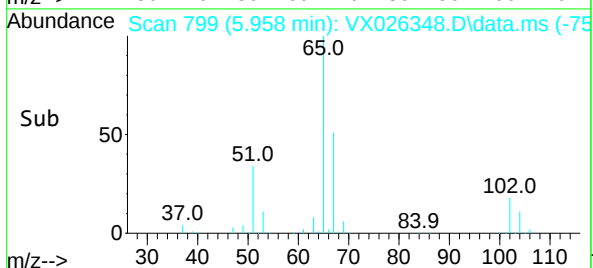
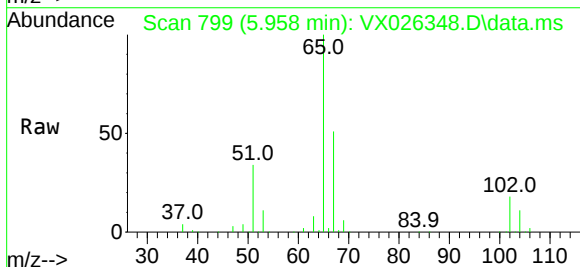


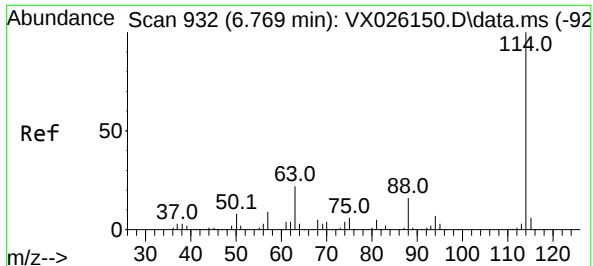
Tgt Ion: 56 Resp: 931
Ion Ratio Lower Upper
56 100
69 35.0 23.9 35.9
84 45.3 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 49.995 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

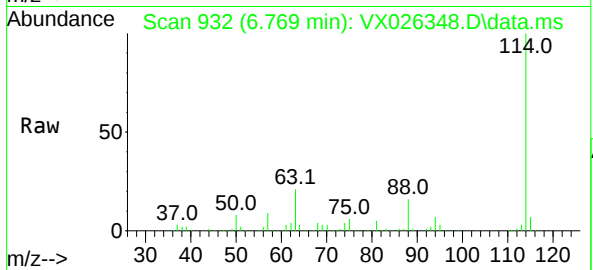
Tgt Ion: 65 Resp: 110936
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.4



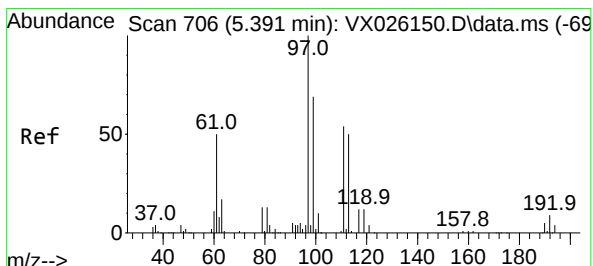
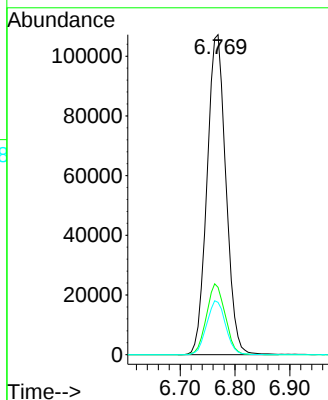
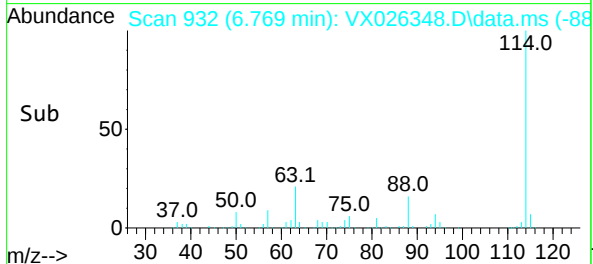


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

Instrument :
MSVOA_X
ClientSampleId :

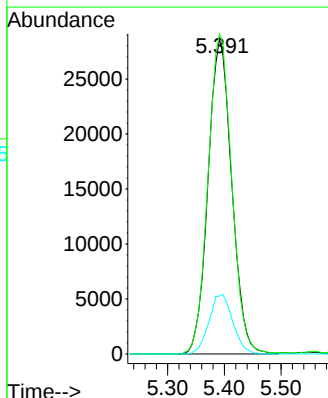
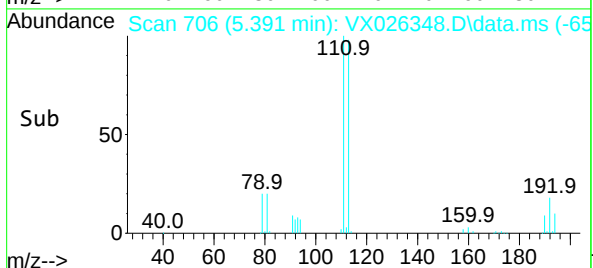
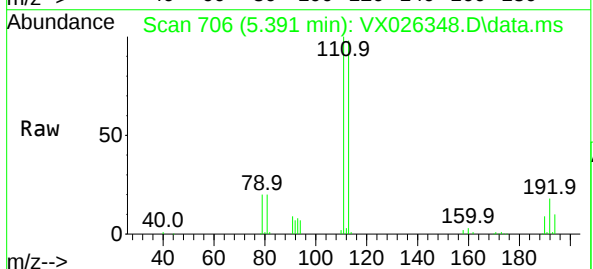


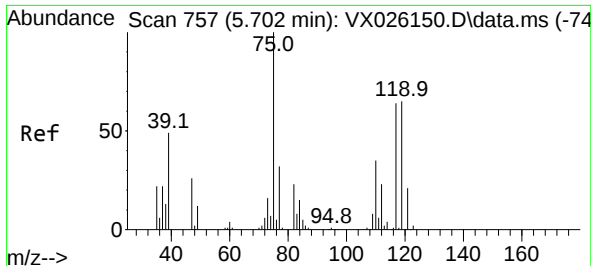
Tgt Ion:114 Resp: 255986
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.0
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.906 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

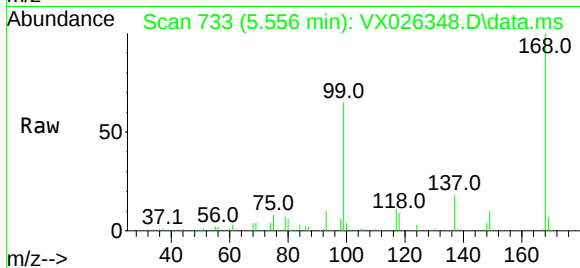
Tgt Ion:113 Resp: 83056
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 19.0 15.0 22.4



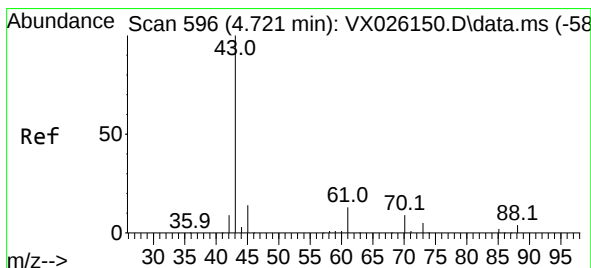
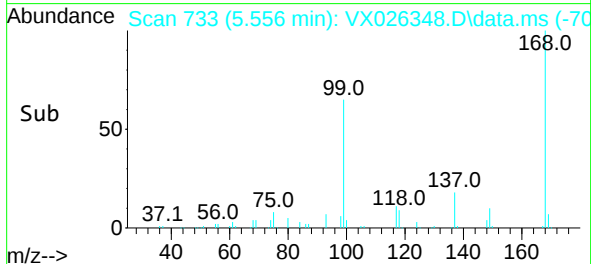
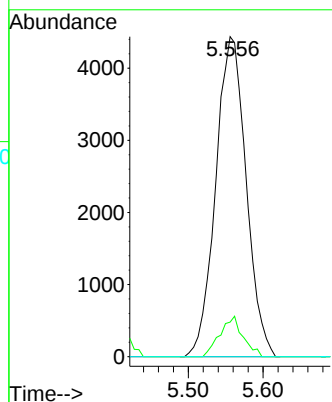


#36
1,1-Dichloropropene
Concen: 4.680 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

Instrument :
MSVOA_X
ClientSampleId :

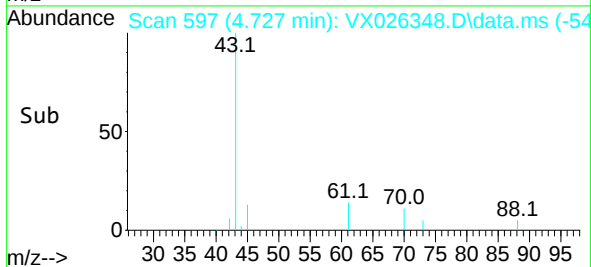
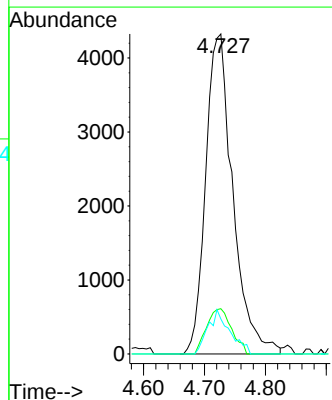
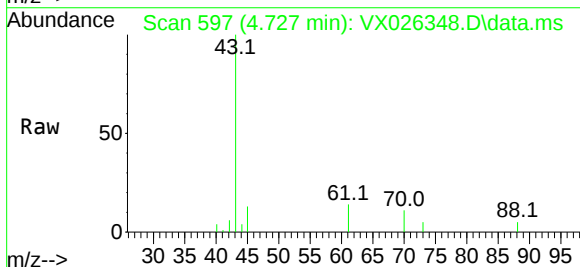


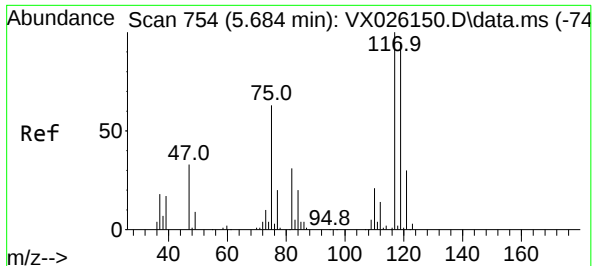
Tgt Ion: 75 Resp: 12562
Ion Ratio Lower Upper
75 100
110 9.6 18.2 54.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 4.305 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

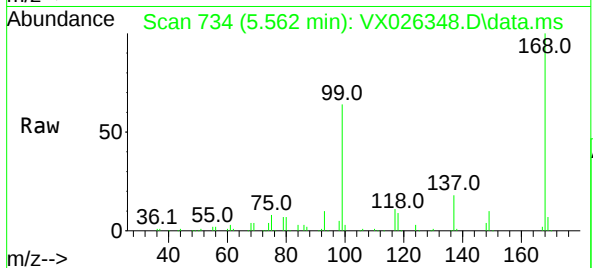
Tgt Ion: 43 Resp: 13400
Ion Ratio Lower Upper
43 100
61 13.0 10.7 16.1
70 11.1 8.5 12.7



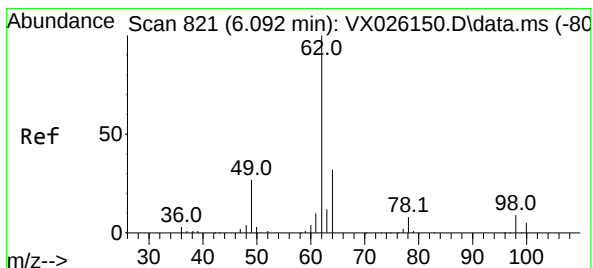
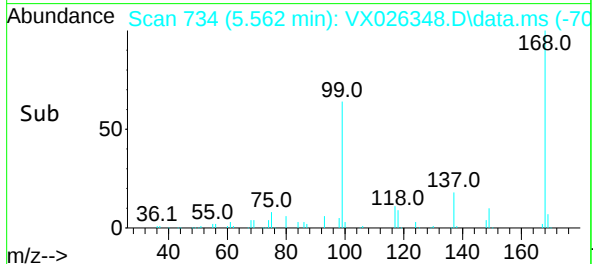
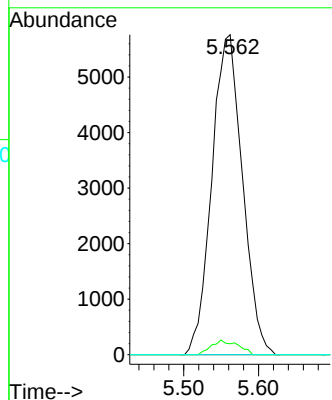


#38
Carbon Tetrachloride
Concen: 5.499 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

Instrument :
MSVOA_X
ClientSampleId :

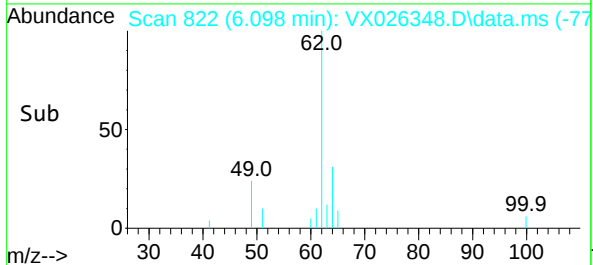
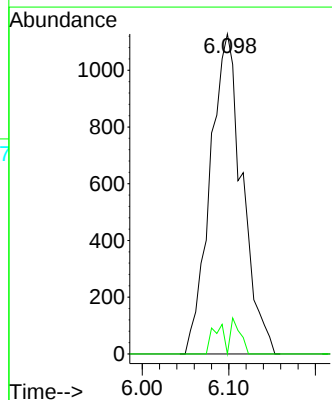
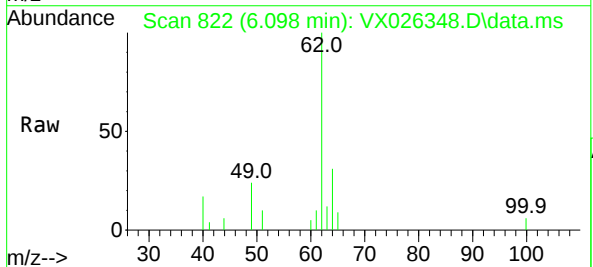


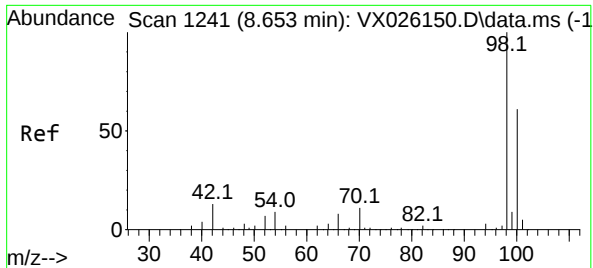
Tgt Ion:117 Resp: 16419
Ion Ratio Lower Upper
117 100
119 3.4 77.2 115.8#
121 0.0 23.8 35.8#



#42
1,2-Dichloroethane
Concen: 0.936 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

Tgt Ion: 62 Resp: 2901
Ion Ratio Lower Upper
62 100
98 3.4 0.0 18.8

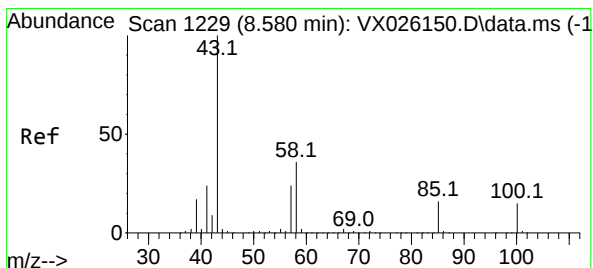
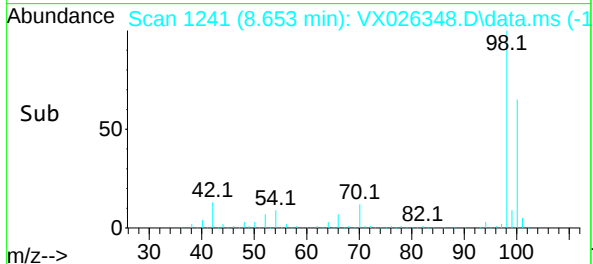
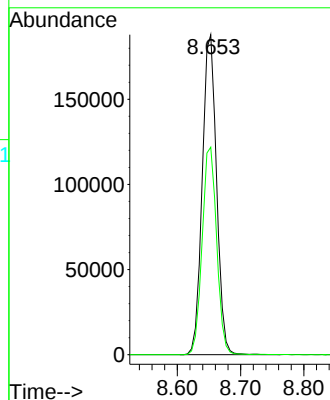
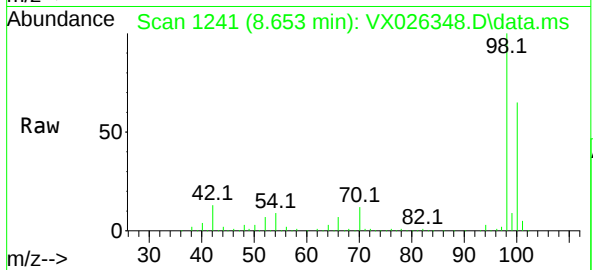




#50
Toluene-d8
Concen: 47.783 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

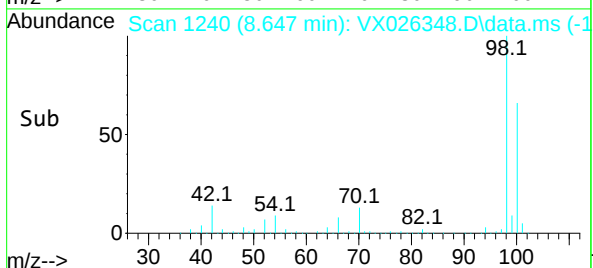
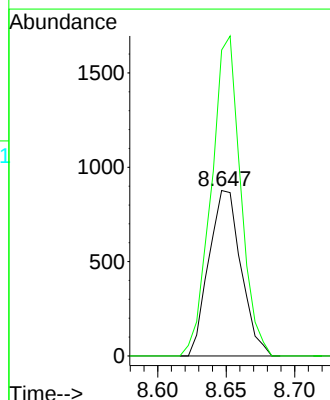
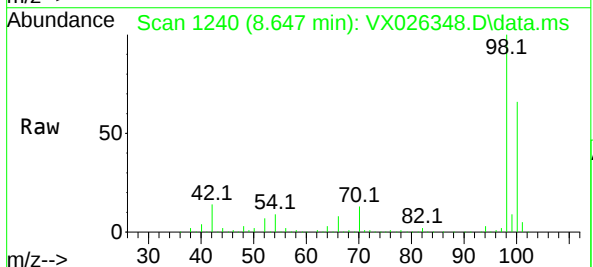
Instrument :
MSVOA_X
ClientSampleId :

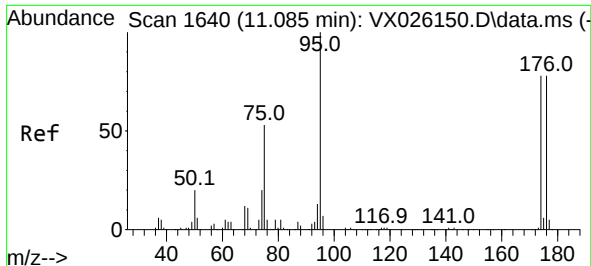
Tgt Ion: 98 Resp: 295794
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

Tgt Ion: 43 Resp: 1434
Ion Ratio Lower Upper
43 100
58 176.2 30.8 46.2#

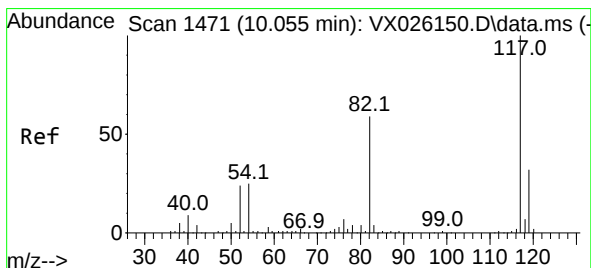
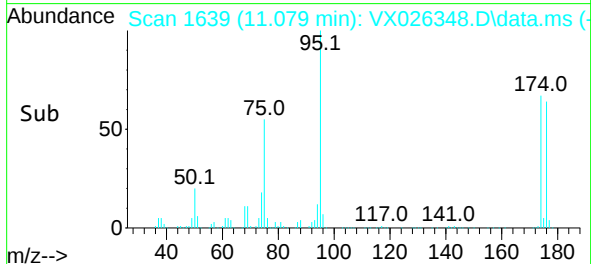
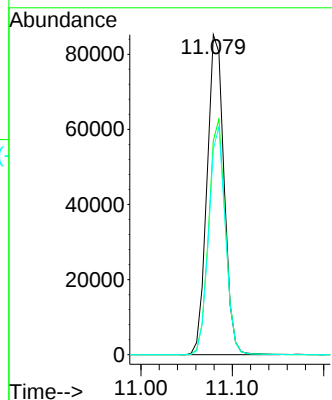
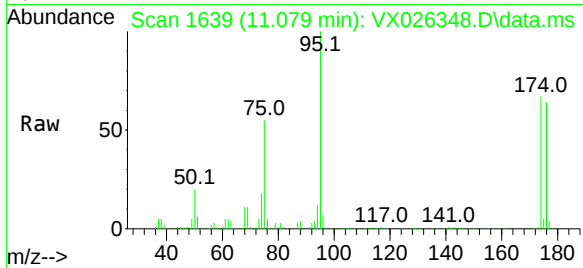




#62
4-Bromofluorobenzene
Concen: 49.875 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

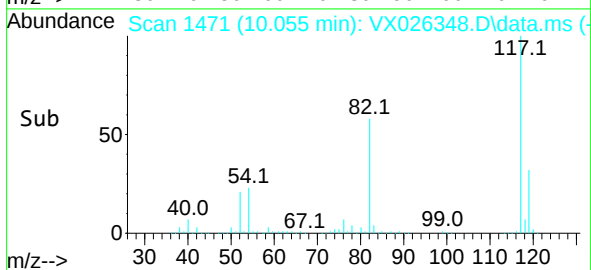
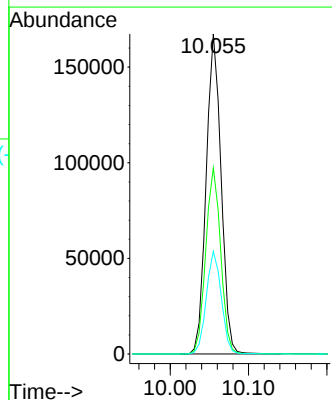
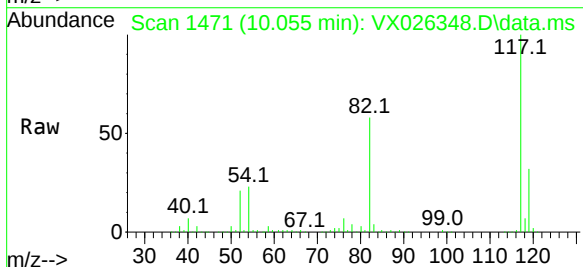
Instrument :
MSVOA_X
ClientSampleId :

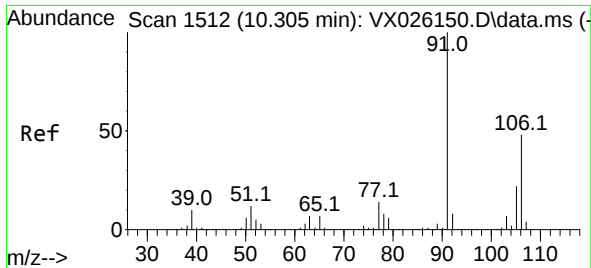
Tgt Ion: 95 Resp: 109910
Ion Ratio Lower Upper
95 100
174 72.2 0.0 157.4
176 69.5 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

Tgt Ion: 117 Resp: 221122
Ion Ratio Lower Upper
117 100
82 58.2 43.8 65.6
119 32.1 25.2 37.8

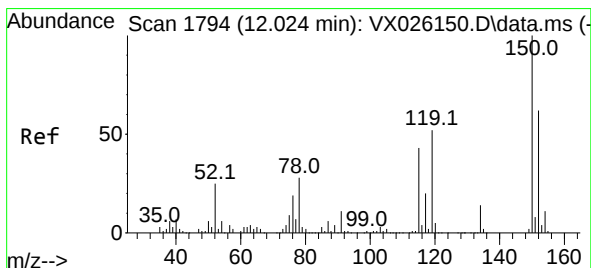
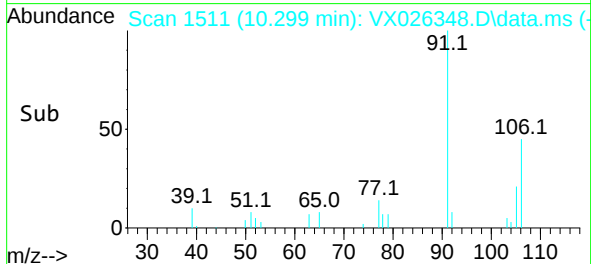
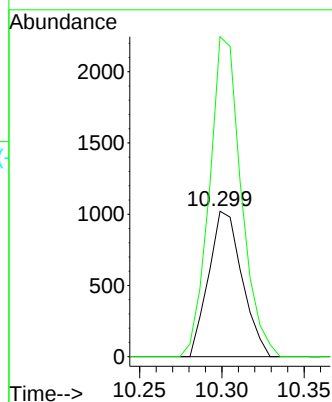
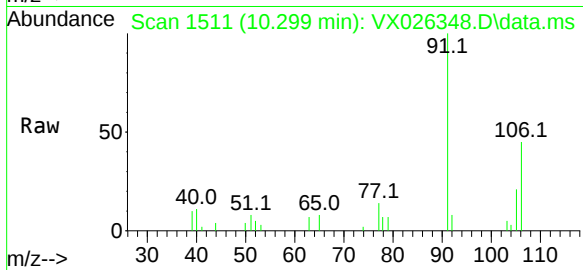




#68
m/p-Xylenes
Concen: 0.445 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

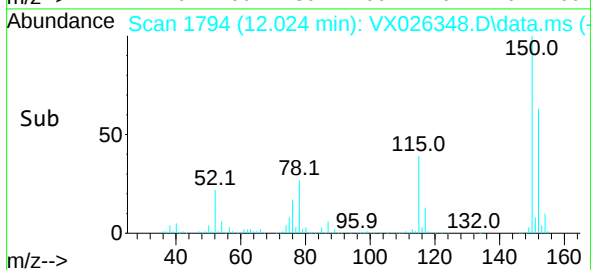
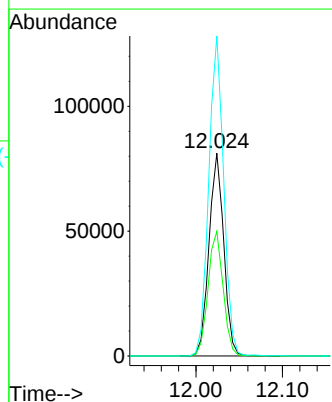
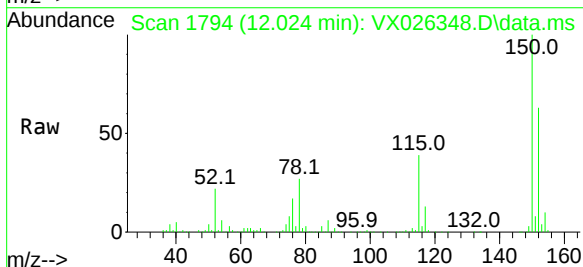
Instrument :
MSVOA_X
ClientSampleId :

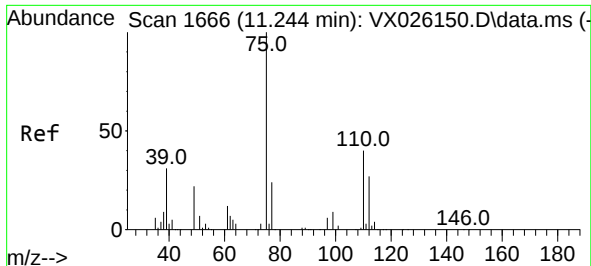
Tgt Ion:106 Resp: 1442
Ion Ratio Lower Upper
106 100
91 210.2 158.6 238.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

Tgt Ion:152 Resp: 96317
Ion Ratio Lower Upper
152 100
115 62.7 41.3 123.9
150 158.7 0.0 351.8

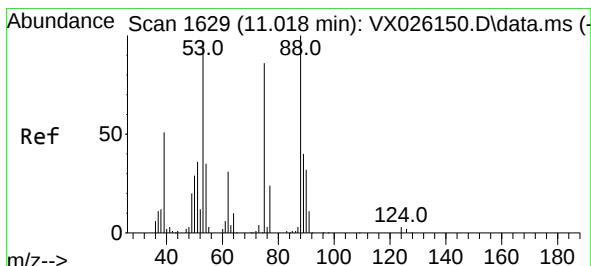
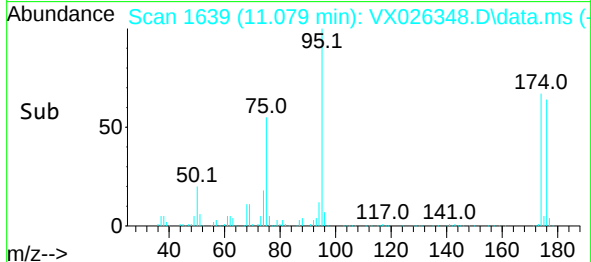
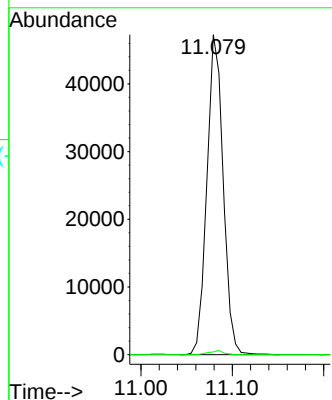
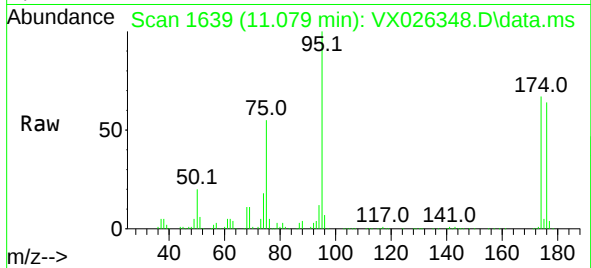




#76
1,2,3-Trichloropropane
Concen: 25.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 58246
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.480 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026348.D
Acq: 06 Jan 2022 02:02

Tgt Ion: 75 Resp: 58246
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

