

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026226.D
 Acq On : 03 Jan 2022 17:33
 Operator : JC/MD
 Sample : M5335-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 03:52:46 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)

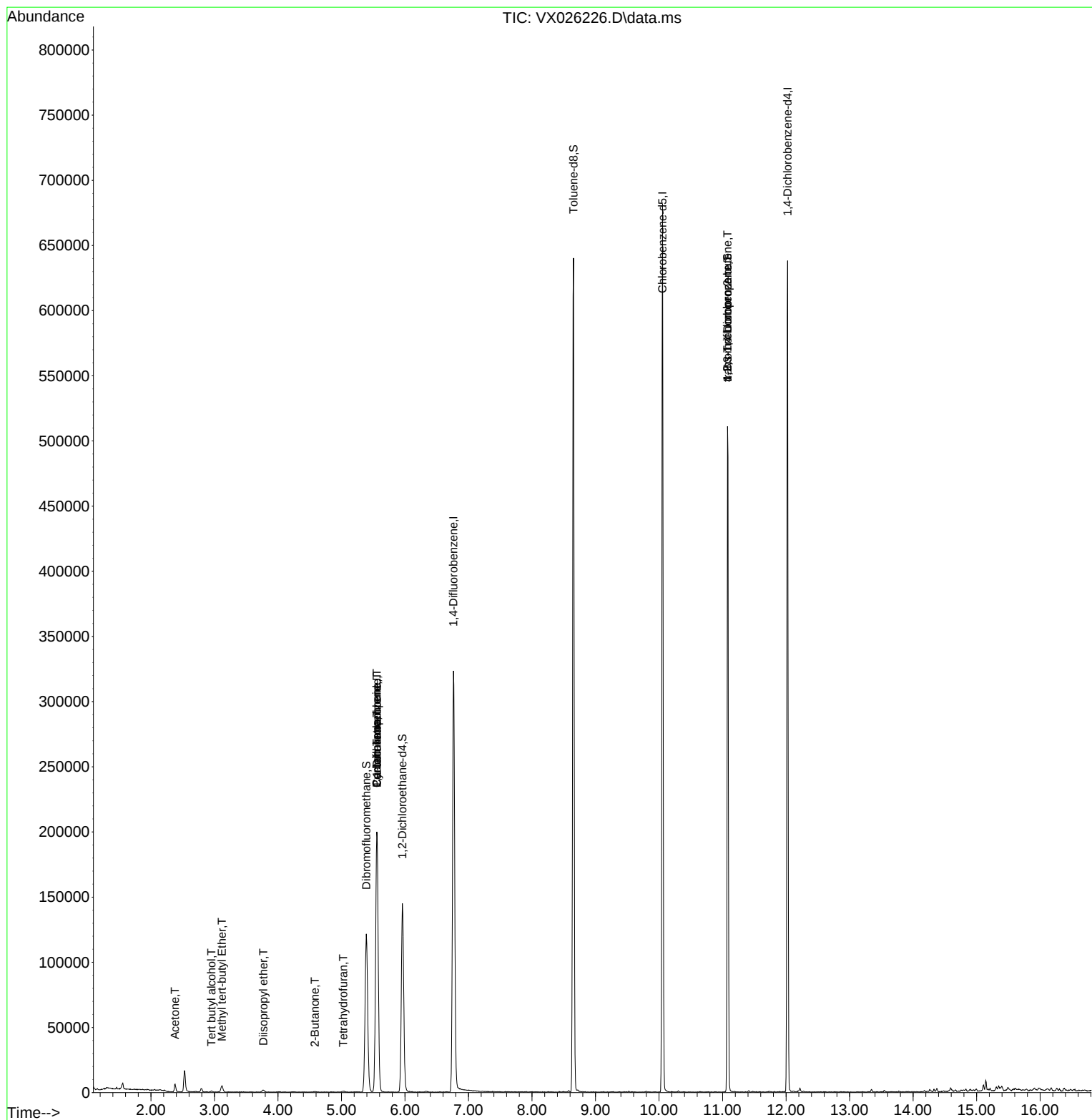
Internal Standards						
1) Pentafluorobenzene	5.556	168	181459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	312944	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140170	53.394	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.780%			
35) Dibromofluoromethane	5.391	113	103122	50.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.380%			
50) Toluene-d8	8.653	98	369460	48.820	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.640%			
62) 4-Bromofluorobenzene	11.079	95	132543	49.199	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.400%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	649	1.238	ug/l #	73
16) Acetone	2.380	43	6615	4.651	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	4988	0.711	ug/l	95
20) Methylene Chloride	2.800	84	1202	Below Cal		94
22) Diisopropyl ether	3.770	45	1695	0.224	ug/l #	67
25) 2-Butanone	4.580	43	544	0.275	ug/l #	49
29) Tetrahydrofuran	5.026	42	655	0.524	ug/l #	65
31) Cyclohexane	5.556	56	4456	1.192	ug/l #	22
36) 1,1-Dichloropropene	5.556	75	15685	4.780	ug/l #	49
38) Carbon Tetrachloride	5.556	117	19776	5.418	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	72701	24.456	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	72701	70.750	ug/l #	10

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

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Instrument :
MSVOA_X
ClientSampleId :

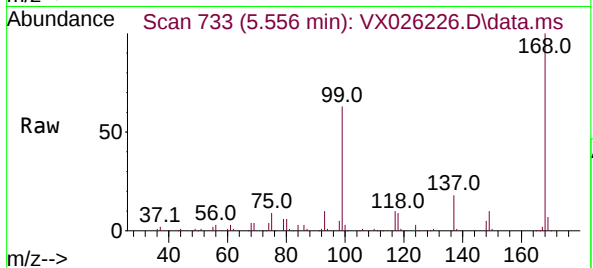
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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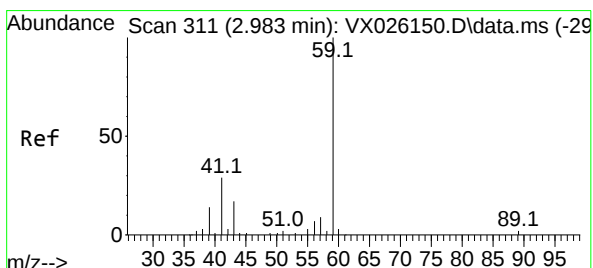
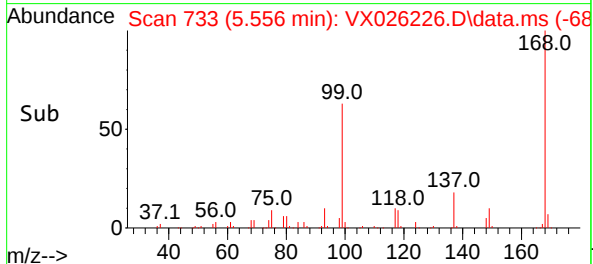
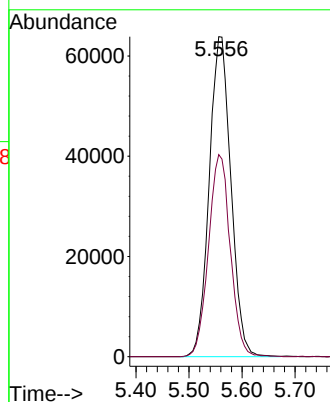


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

Instrument :
MSVOA_X
ClientSampleId :

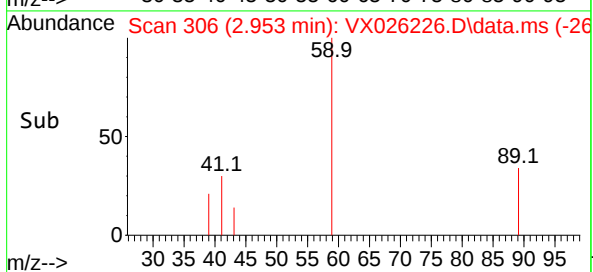
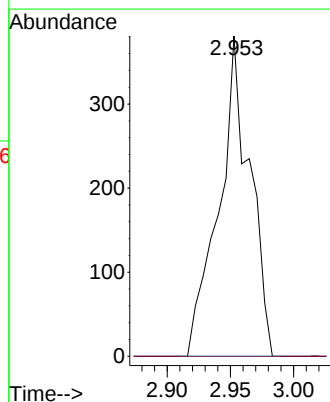
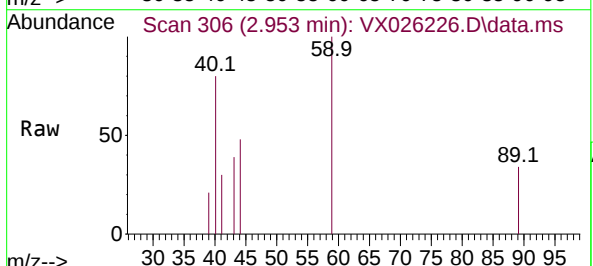


Tgt Ion:168 Resp: 181459
Ion Ratio Lower Upper
168 100
99 63.1 45.8 68.8



#11
Tert butyl alcohol
Concen: 1.238 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

Tgt Ion: 59 Resp: 649
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

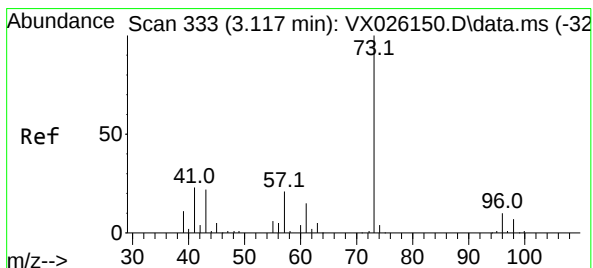
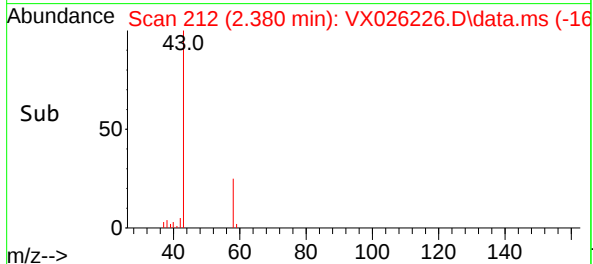
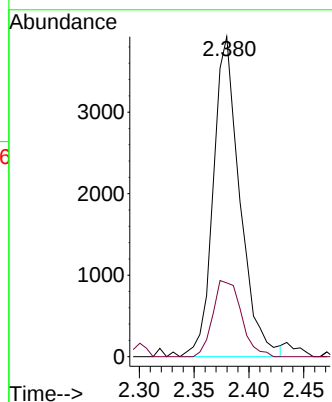
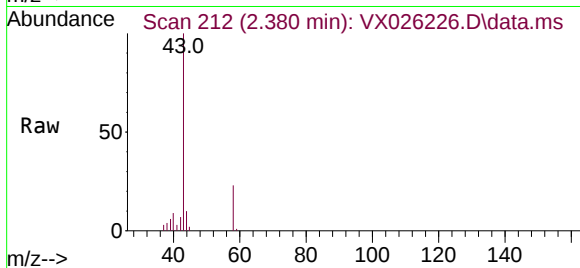




#16
Acetone
Concen: 4.651 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

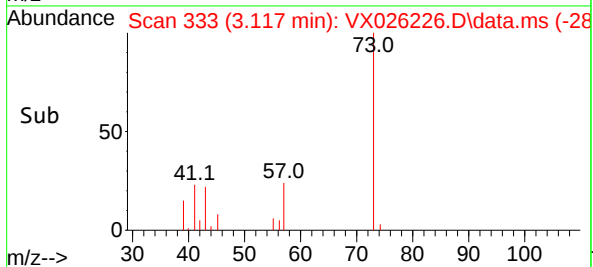
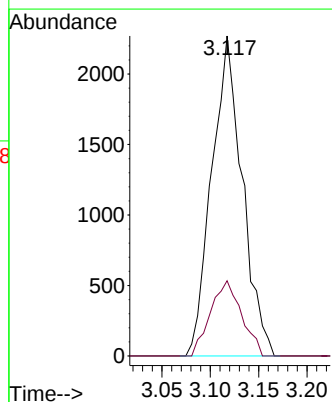
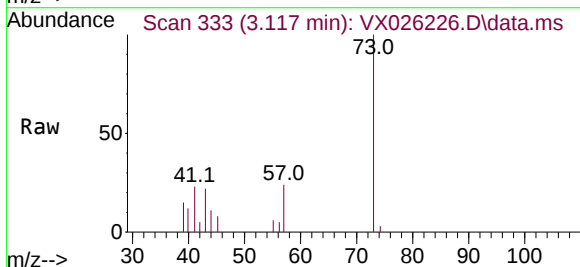
Instrument :
MSVOA_X
ClientSampleId :

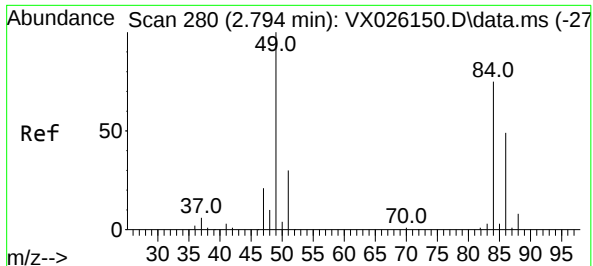
Tgt Ion: 43 Resp: 6615
Ion Ratio Lower Upper
43 100
58 23.0 24.8 37.2#



#19
Methyl tert-butyl Ether
Concen: 0.711 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

Tgt Ion: 73 Resp: 4988
Ion Ratio Lower Upper
73 100
57 23.5 17.0 25.6



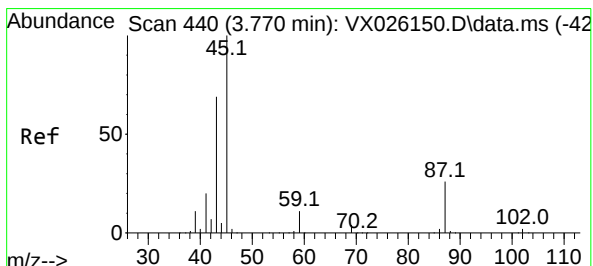
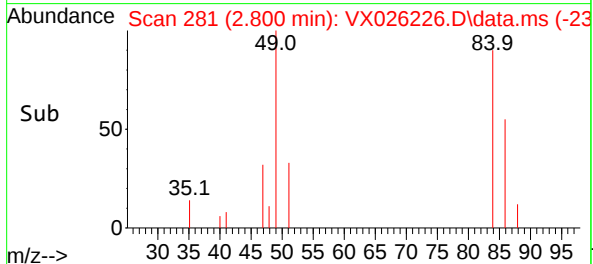
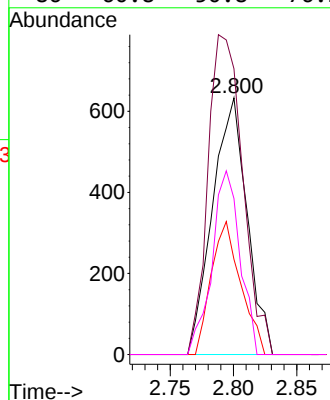
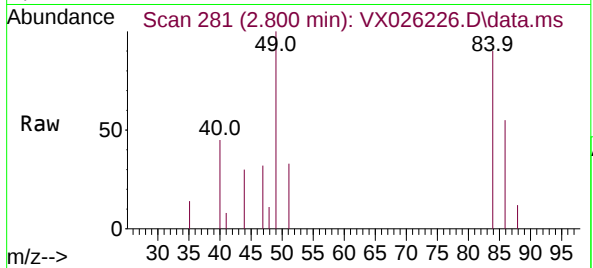


#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 1202

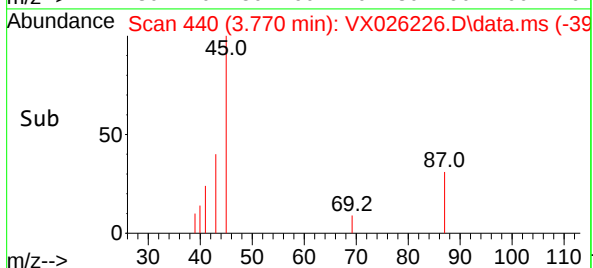
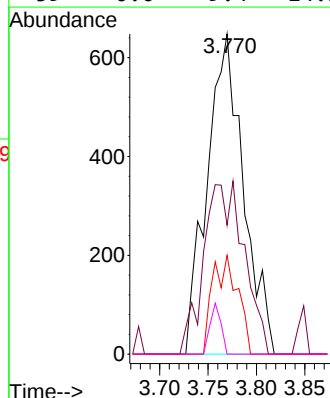
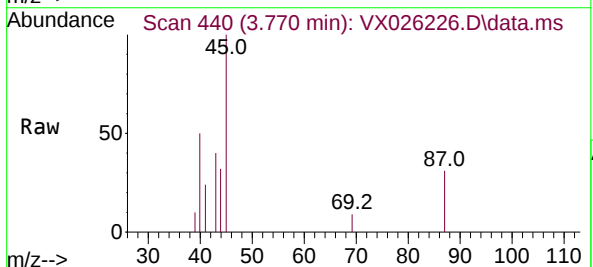
Ion	Ratio	Lower	Upper
84	100		
49	111.4	97.1	145.7
51	37.1	29.3	43.9
86	60.8	50.8	76.2

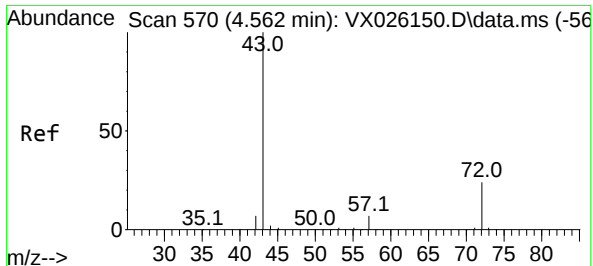


#22
Diisopropyl ether
Concen: 0.224 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

Tgt Ion: 45 Resp: 1695

Ion	Ratio	Lower	Upper
45	100		
43	40.3	63.8	95.6#
87	30.9	24.2	36.4
59	0.0	9.4	14.2#

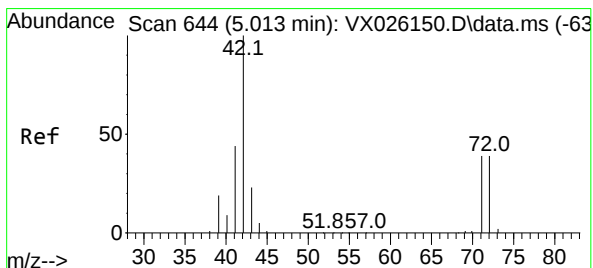
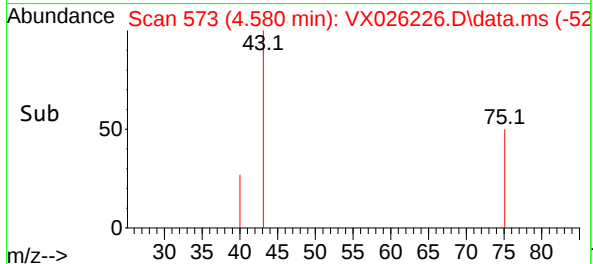
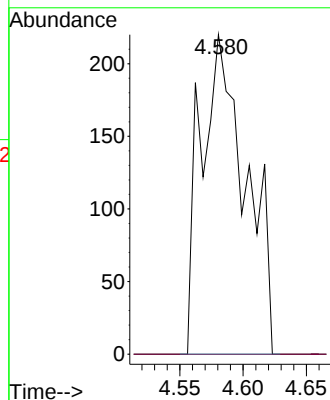
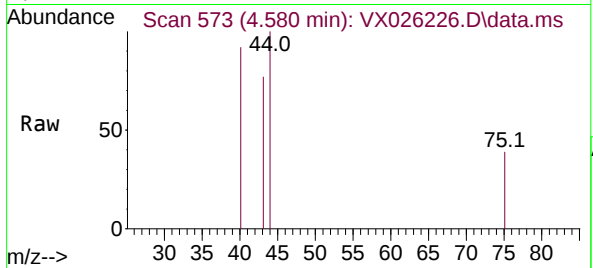




#25
2-Butanone
Concen: 0.275 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

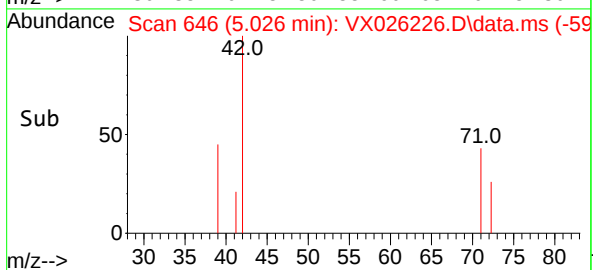
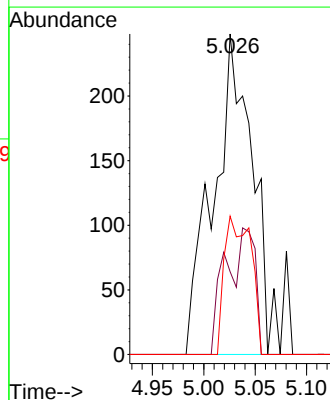
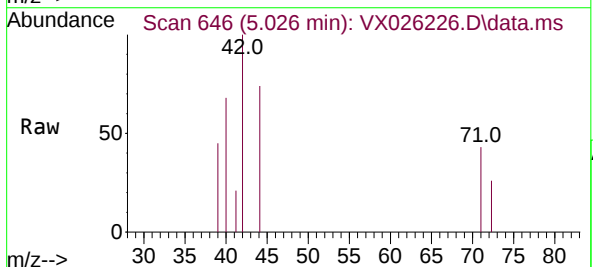
Instrument :
MSVOA_X
ClientSampleId :

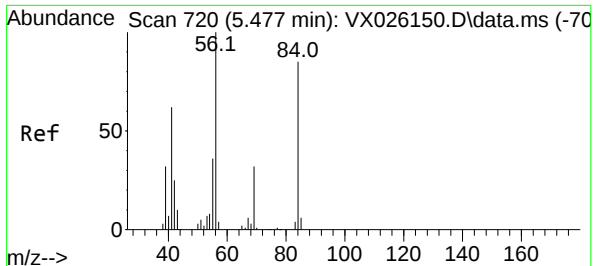
Tgt Ion: 43 Resp: 544
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#29
Tetrahydrofuran
Concen: 0.524 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.013 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

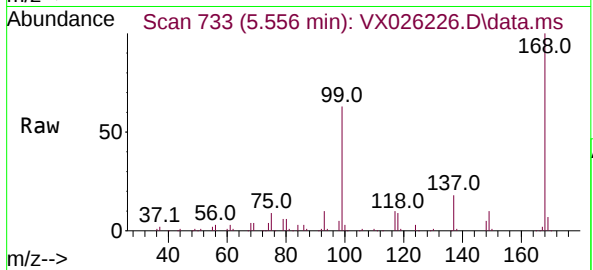
Tgt Ion: 42 Resp: 655
Ion Ratio Lower Upper
42 100
72 14.2 37.0 55.6#
71 29.3 34.1 51.1#



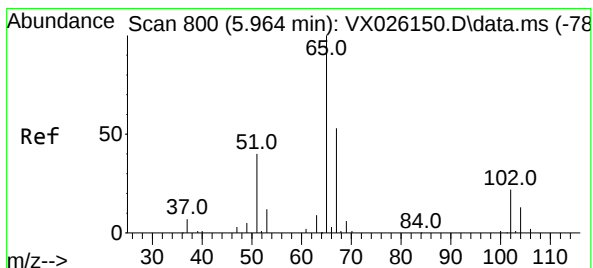
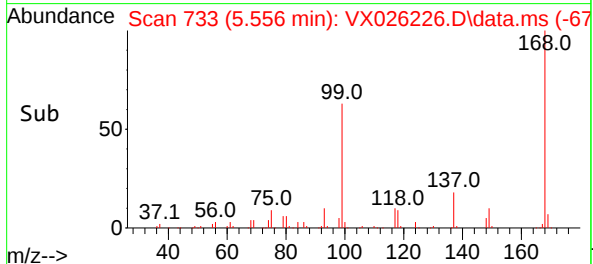
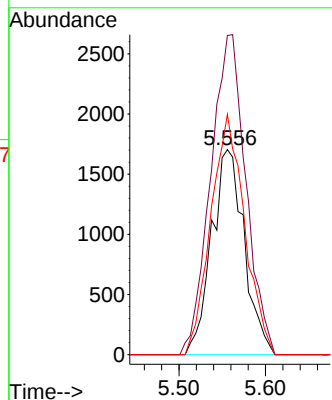


#31
Cyclohexane
Concen: 1.192 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

Instrument :
MSVOA_X
ClientSampleId :

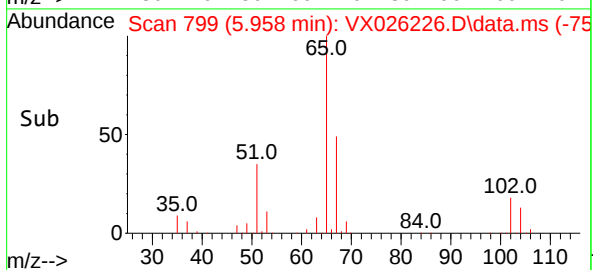
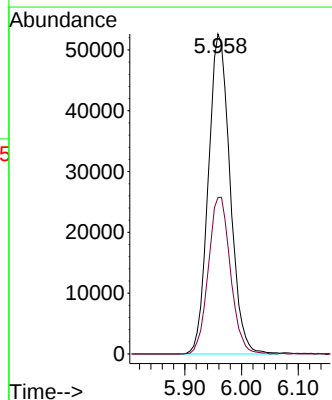
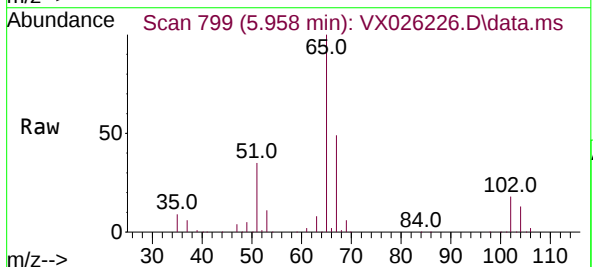


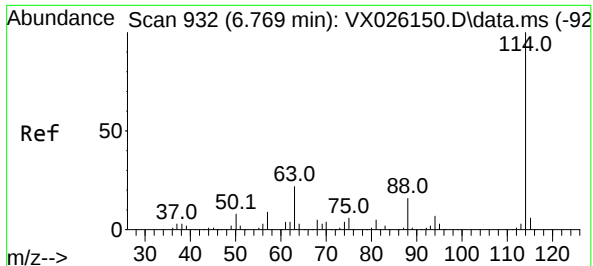
Tgt Ion: 56 Resp: 4456
Ion Ratio Lower Upper
56 100
69 155.6 23.9 35.9#
84 117.1 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 53.394 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

Tgt Ion: 65 Resp: 140170
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.4

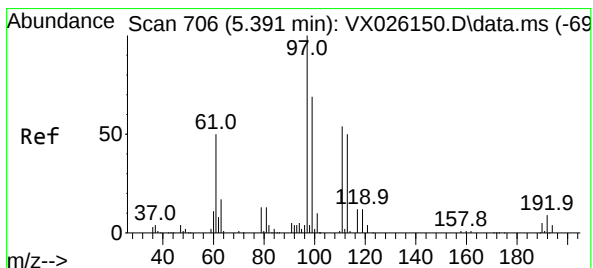
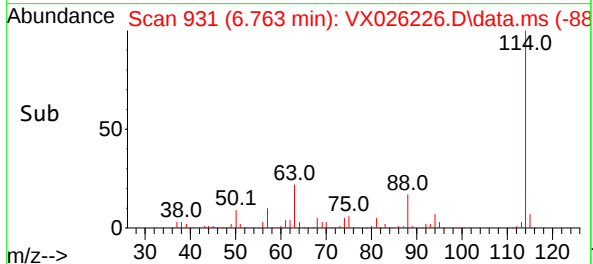
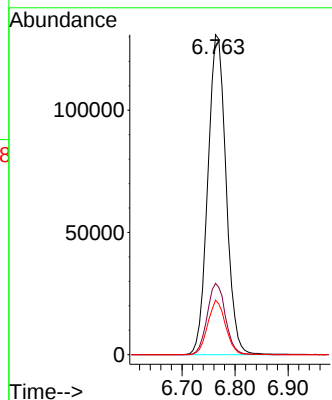
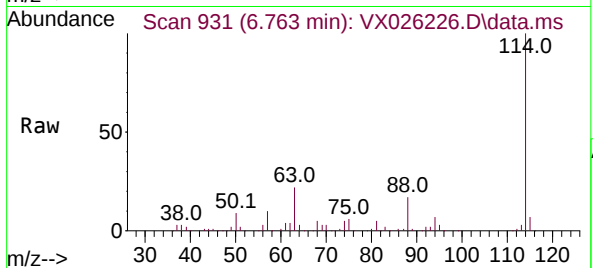




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

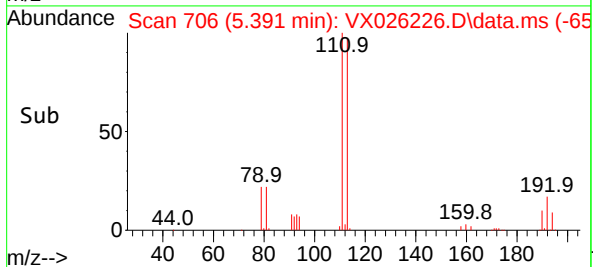
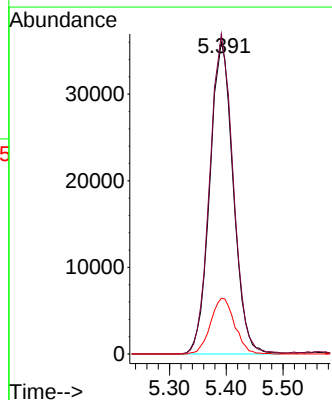
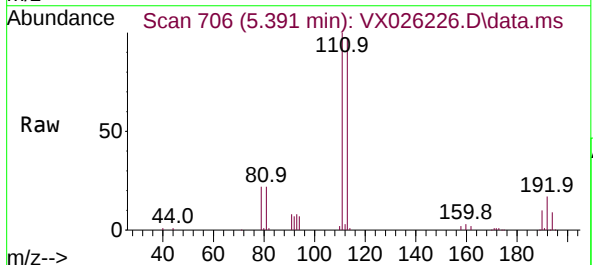
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ClientSampleId :

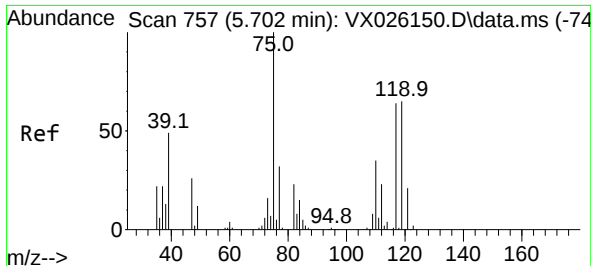
Tgt Ion:114 Resp: 312944
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.0
88 17.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.685 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

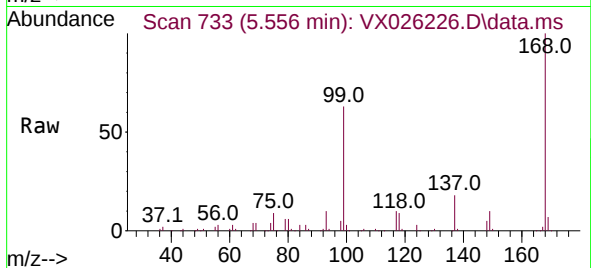
Tgt Ion:113 Resp: 103122
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 18.4 15.0 22.4



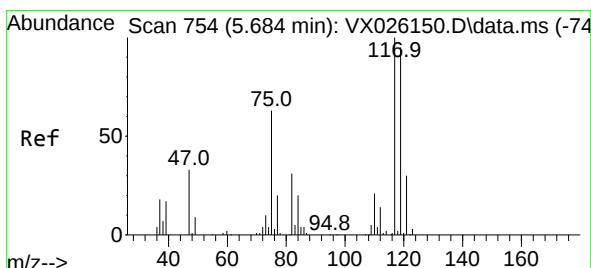
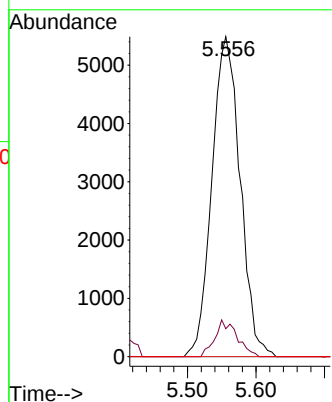
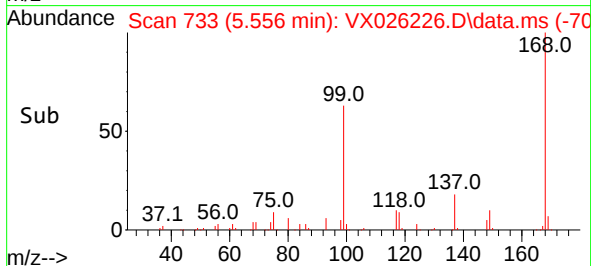


#36
1,1-Dichloropropene
Concen: 4.780 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

Instrument :
MSVOA_X
ClientSampleId :

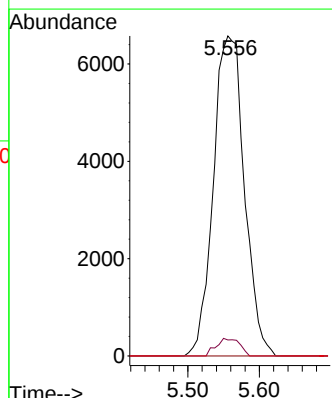
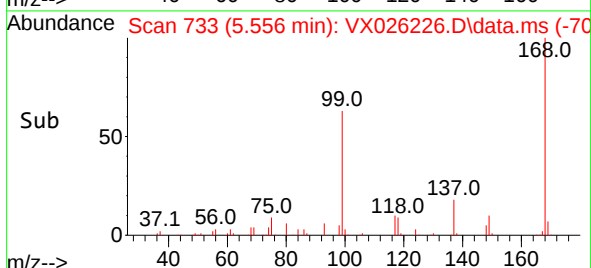
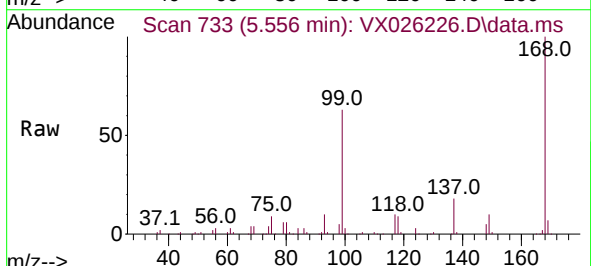


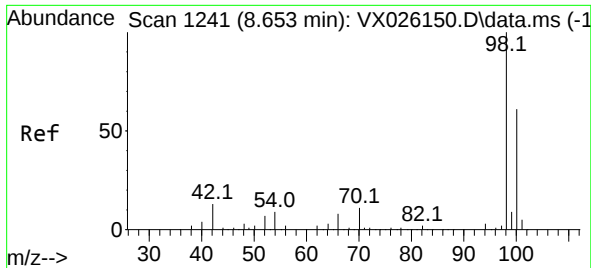
Tgt Ion: 75 Resp: 15685
Ion Ratio Lower Upper
75 100
110 9.0 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.418 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

Tgt Ion: 117 Resp: 19776
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 23.8 35.8#

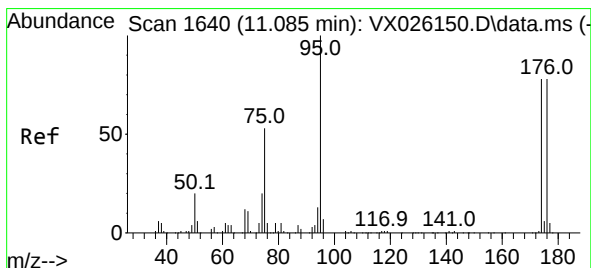
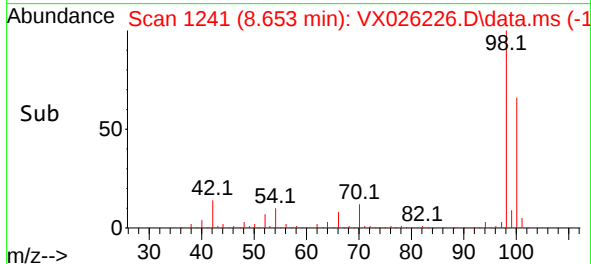
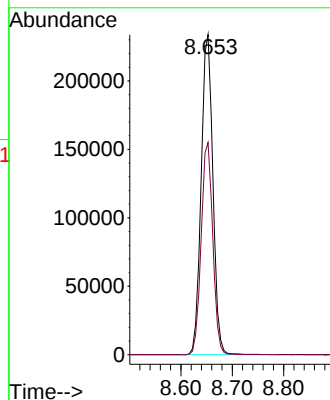
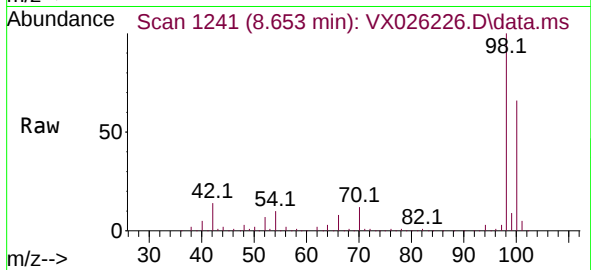




#50
Toluene-d8
Concen: 48.820 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

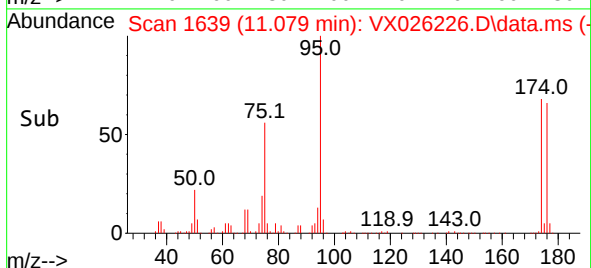
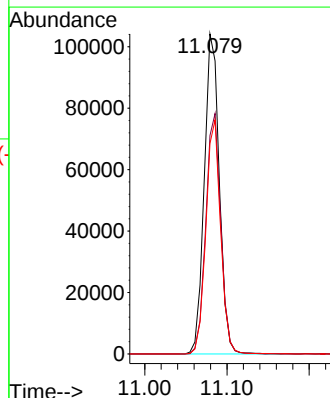
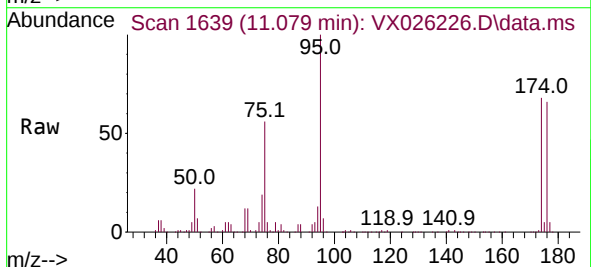
Instrument :
MSVOA_X
ClientSampleId :

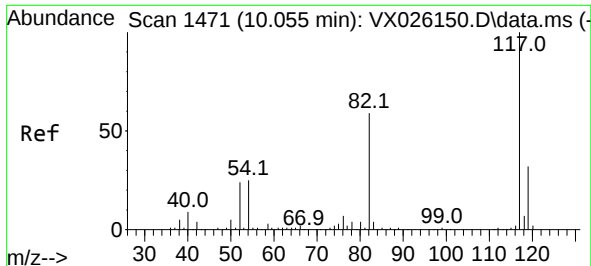
Tgt Ion: 98 Resp: 369460
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.199 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

Tgt Ion: 95 Resp: 132543
Ion Ratio Lower Upper
95 100
174 74.8 0.0 157.4
176 71.4 0.0 154.6

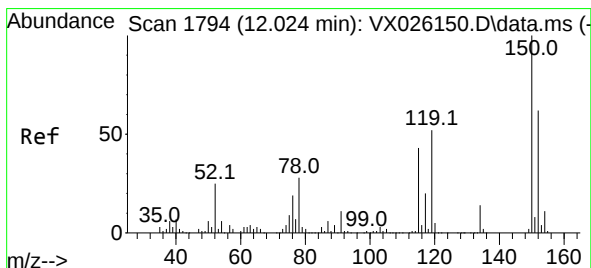
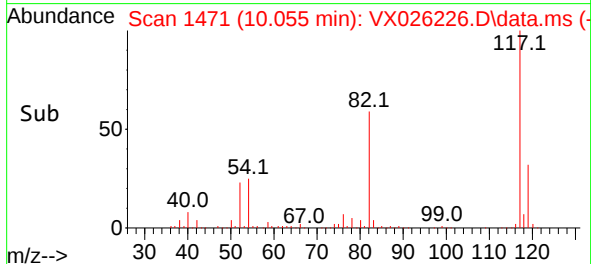
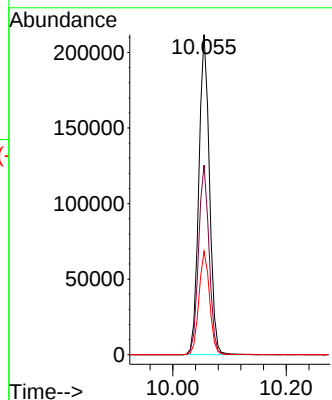
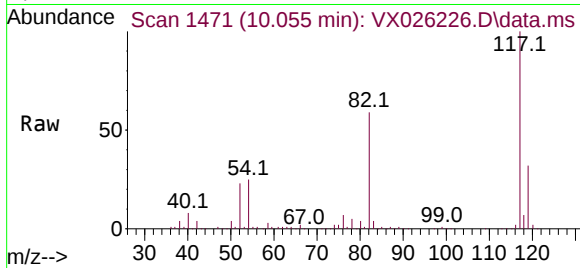




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

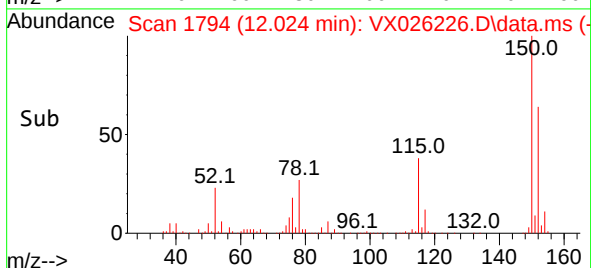
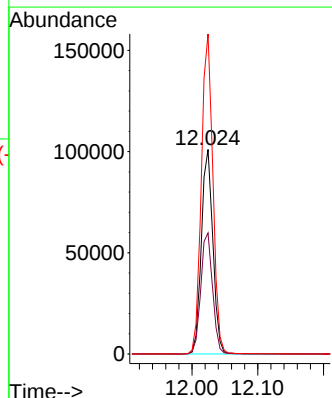
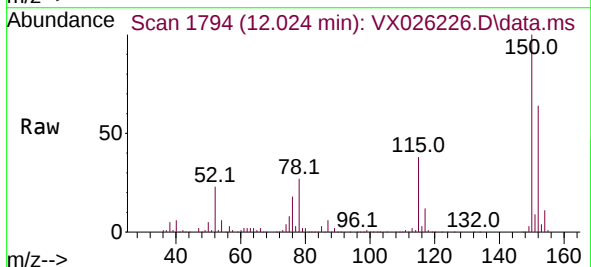
Instrument :
MSVOA_X
ClientSampleId :

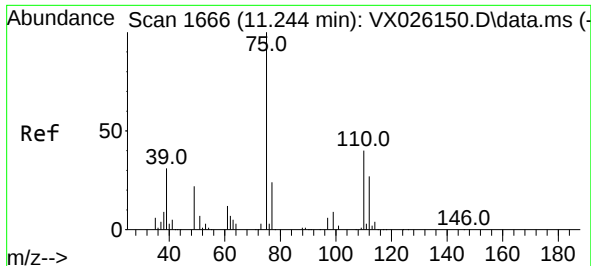
Tgt Ion:117 Resp: 275120
Ion Ratio Lower Upper
117 100
82 59.2 43.8 65.6
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

Tgt Ion:152 Resp: 123160
Ion Ratio Lower Upper
152 100
115 60.5 41.3 123.9
150 156.7 0.0 351.8

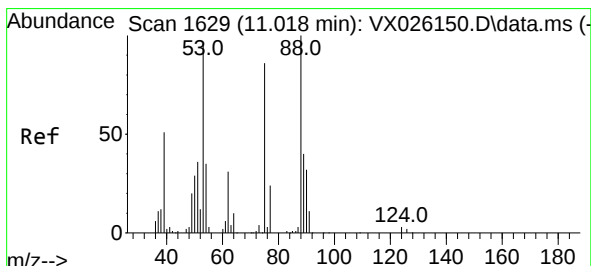
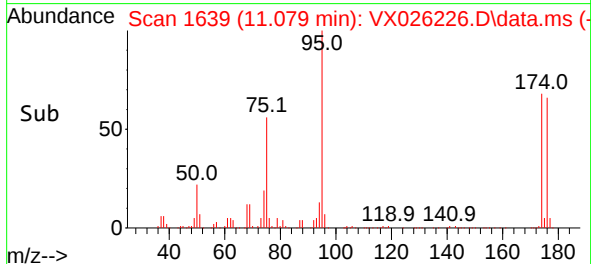
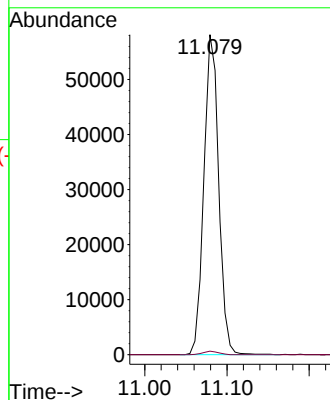
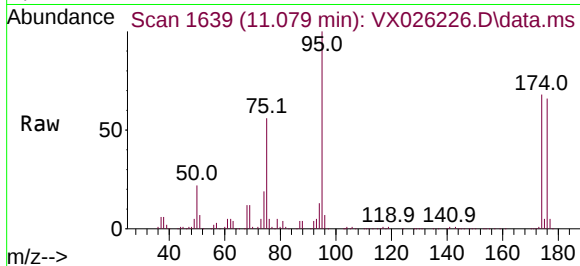




#76
1,2,3-Trichloropropane
Concen: 24.456 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 72701
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.750 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026226.D
Acq: 03 Jan 2022 17:33

Tgt Ion: 75 Resp: 72701
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

