

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025785.D
 Acq On : 14 Dec 2021 18:30
 Operator : JC/MD
 Sample : M4988-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20211207

Quant Time: Dec 15 07:08:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

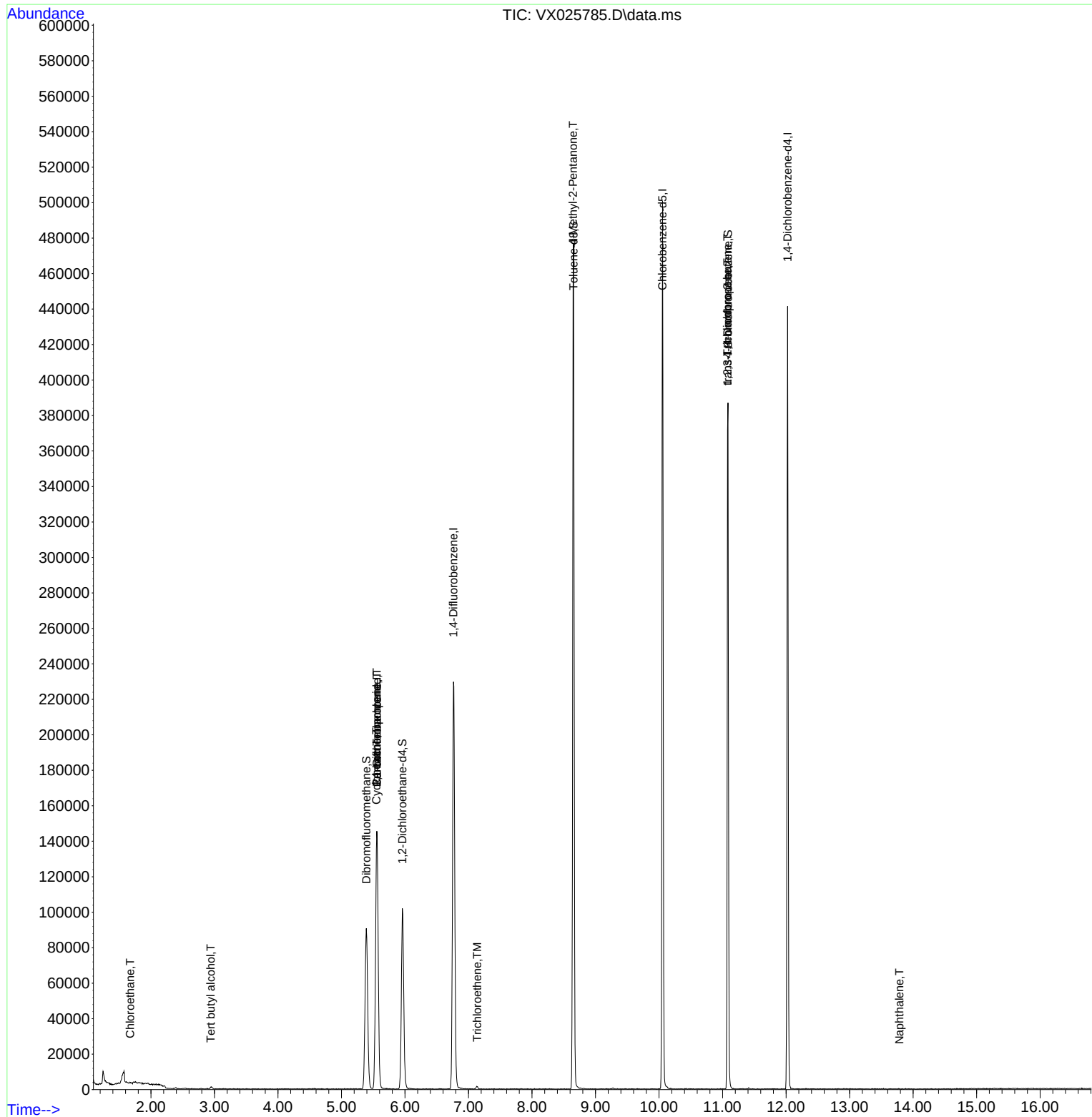
Internal Standards						
1) Pentafluorobenzene	5.556	168	136932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93646	47.531	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.060%
35) Dibromofluoromethane	5.391	113	77966	46.535	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.080%
50) Toluene-d8	8.653	98	283965	46.518	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.040%
62) 4-Bromofluorobenzene	11.085	95	108059	46.600	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.200%
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	277	0.225	ug/l	99
11) Tert butyl alcohol	2.941	59	722	1.827	ug/l #	73
16) Acetone	2.386	43	557	Below Cal		91
31) Cyclohexane	5.550	56	3070	1.281	ug/l #	19
36) 1,1-Dichloropropene	5.556	75	10918	4.805	ug/l #	46
38) Carbon Tetrachloride	5.556	117	14376	5.438	ug/l #	16
44) Trichloroethene	7.135	130	580	0.307	ug/l	84
51) 4-Methyl-2-Pentanone	8.647	43	1257	0.472	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54870	26.071	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54870	80.828	ug/l #	10
95) Naphthalene	13.786	128	65	2.421	ug/l #	69

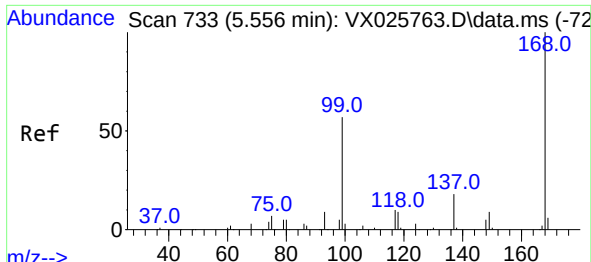
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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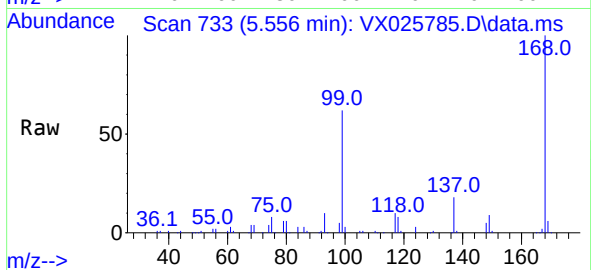
Quant Time: Dec 15 07:08:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
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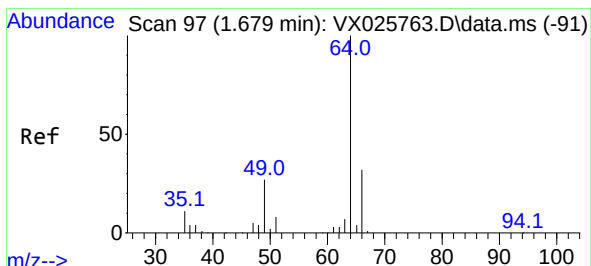
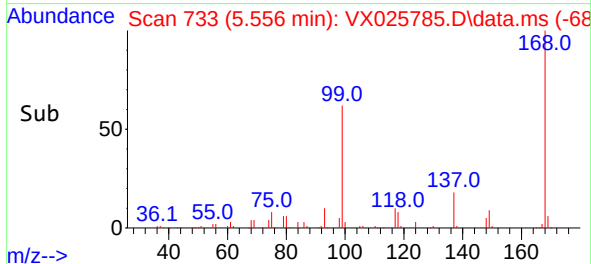
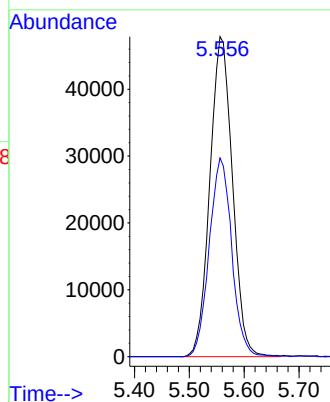


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

Instrument :
MSVOA_X
ClientSampleId :
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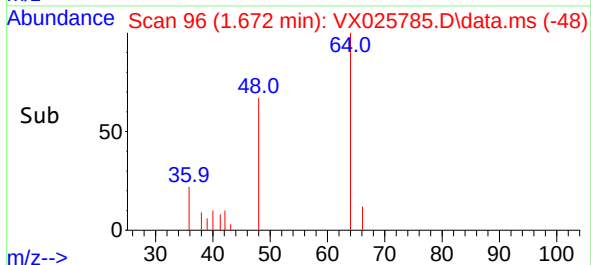
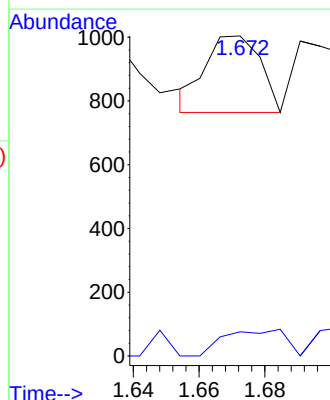
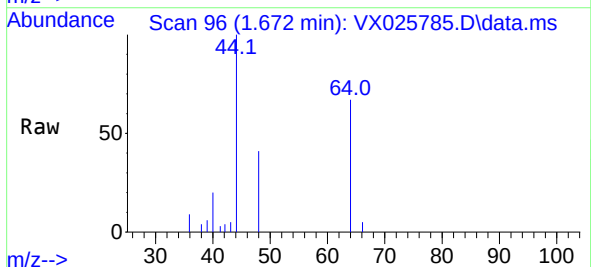


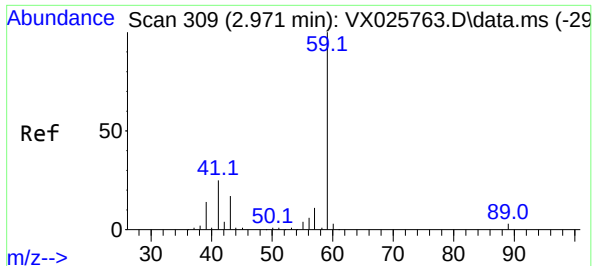
Tgt Ion:168 Resp: 136932
Ion Ratio Lower Upper
168 100
99 62.1 45.8 68.8



#6
Chloroethane
Concen: 0.225 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

Tgt Ion: 64 Resp: 277
Ion Ratio Lower Upper
64 100
66 31.7 25.9 38.9

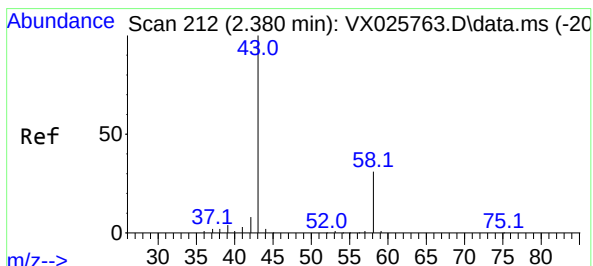
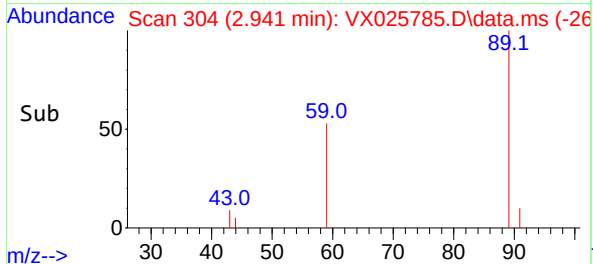
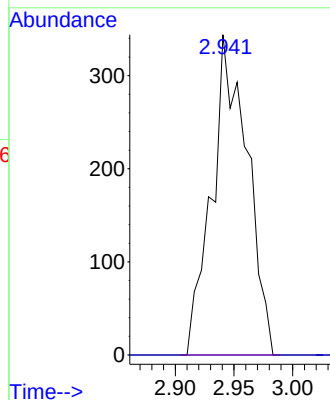
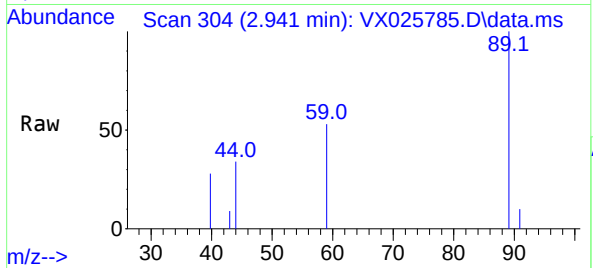




#11
Tert butyl alcohol
Concen: 1.827 ug/l
RT: 2.941 min Scan# 309
Delta R.T. -0.031 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

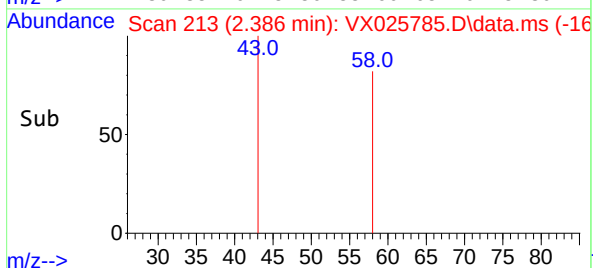
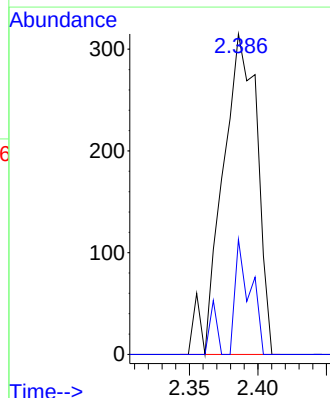
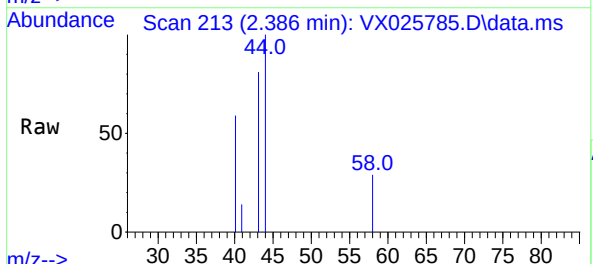
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20211207

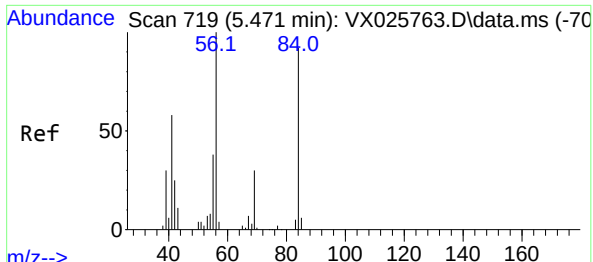
Tgt Ion: 59 Resp: 722
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

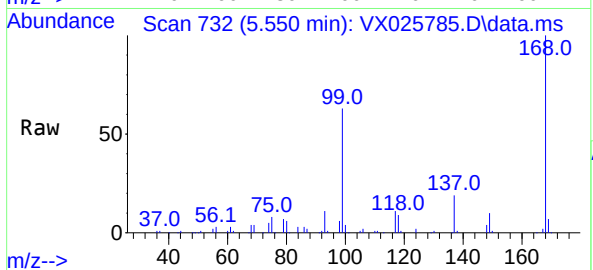
Tgt Ion: 43 Resp: 557
Ion Ratio Lower Upper
43 100
58 35.9 24.8 37.2



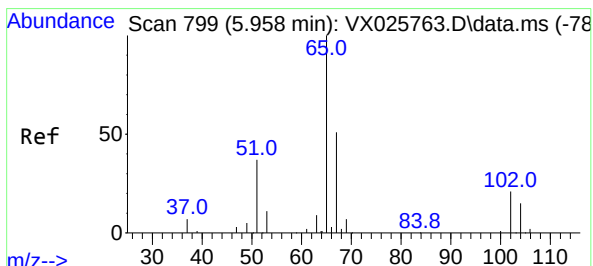
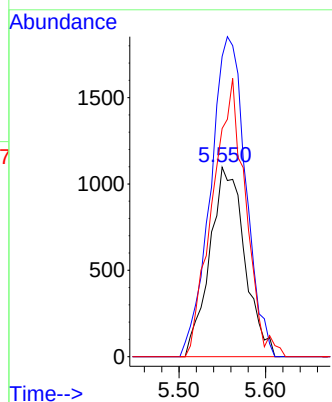
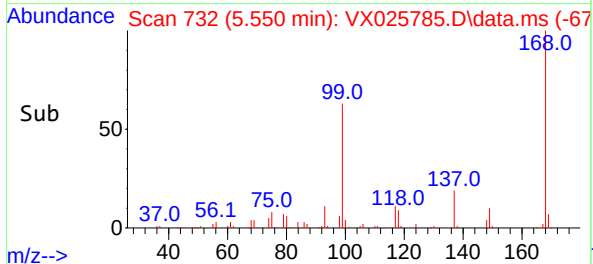


#31
Cyclohexane
Concen: 1.281 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20211207

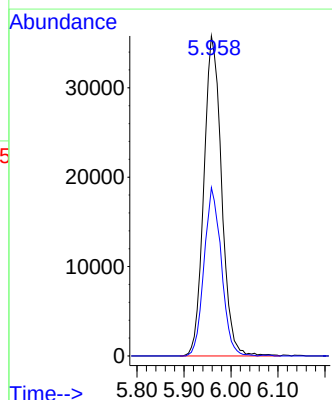
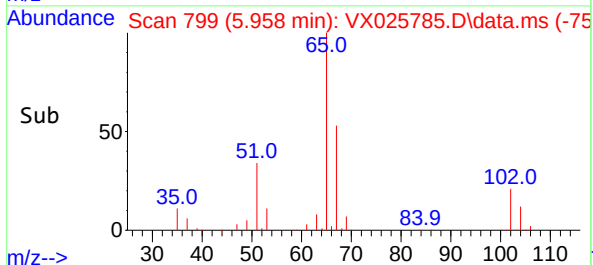
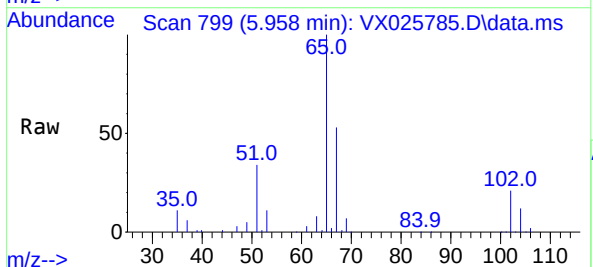


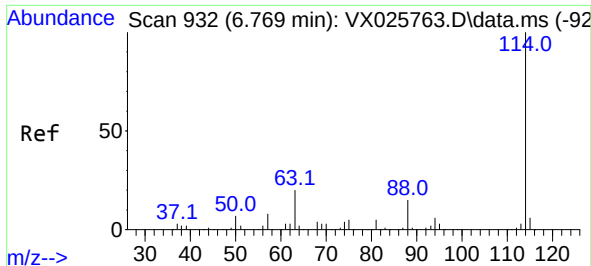
Tgt Ion: 56 Resp: 3070
Ion Ratio Lower Upper
56 100
69 158.4 23.9 35.9#
84 120.4 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 47.531 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

Tgt Ion: 65 Resp: 93646
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4

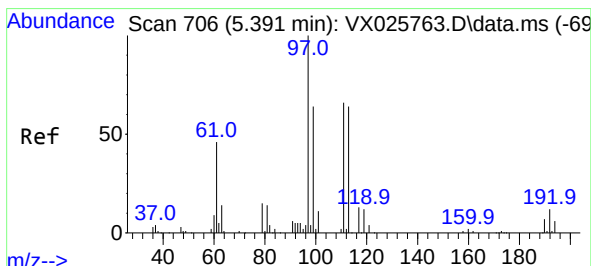
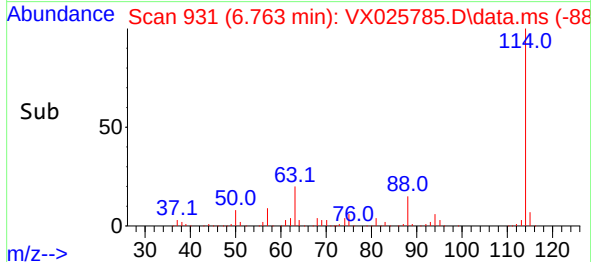
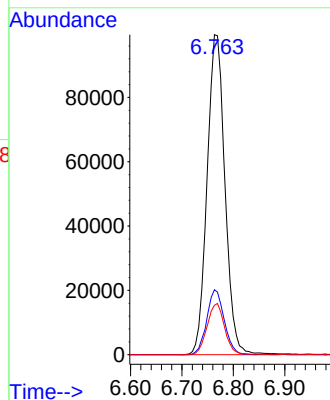
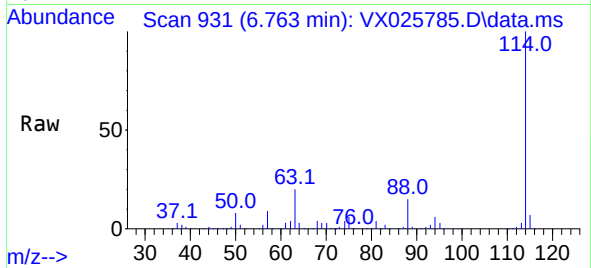




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

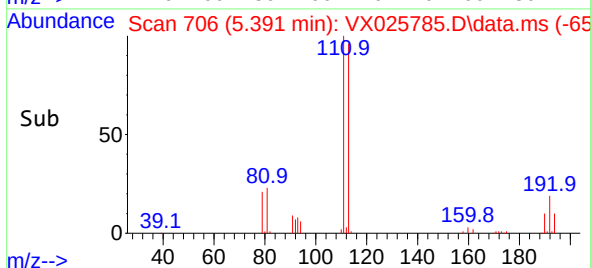
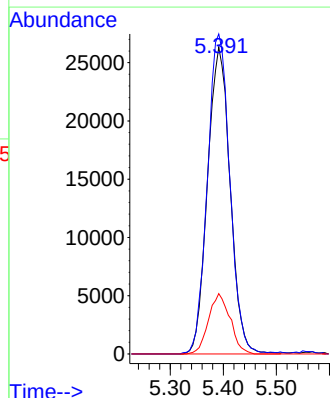
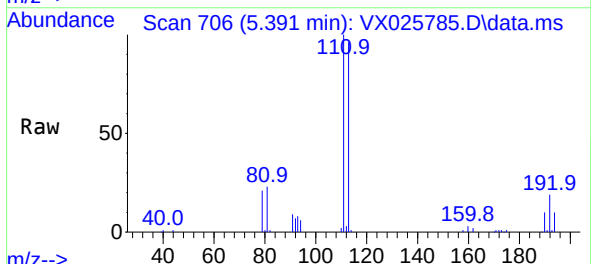
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MSVOA_X
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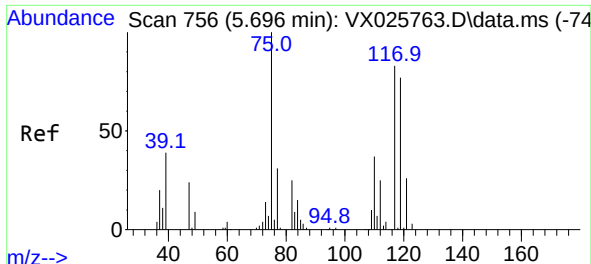
Tgt Ion:114 Resp: 240235
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.0
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.535 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

Tgt Ion:113 Resp: 77966
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 18.9 15.0 22.4

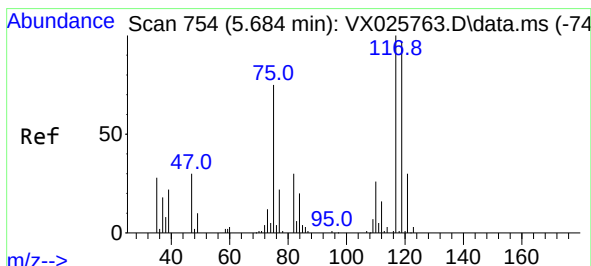
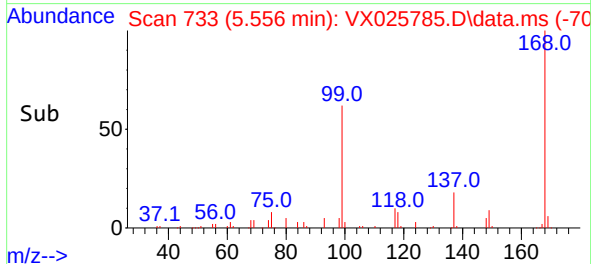
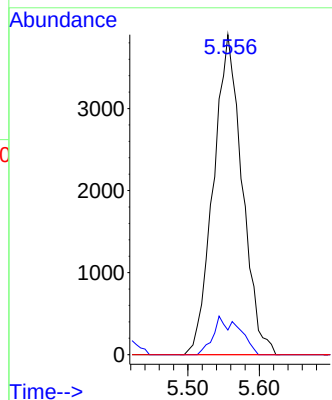
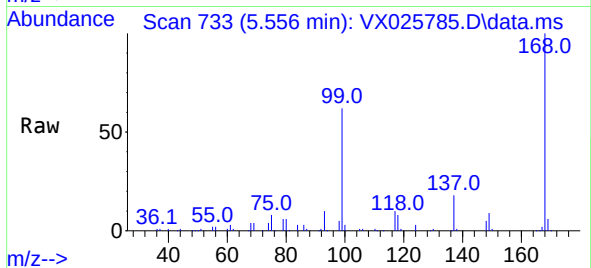




#36
1,1-Dichloropropene
Concen: 4.805 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

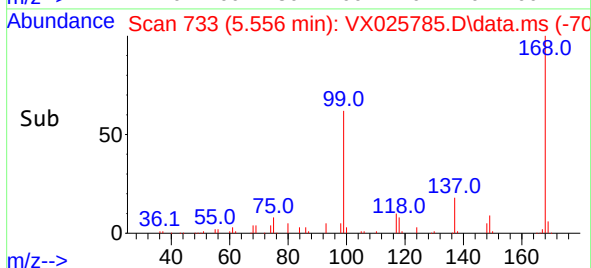
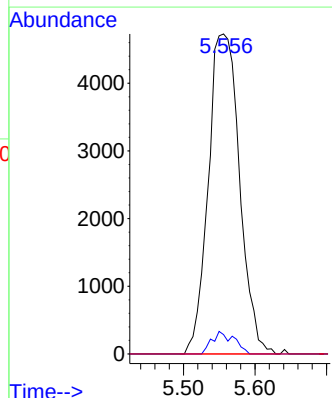
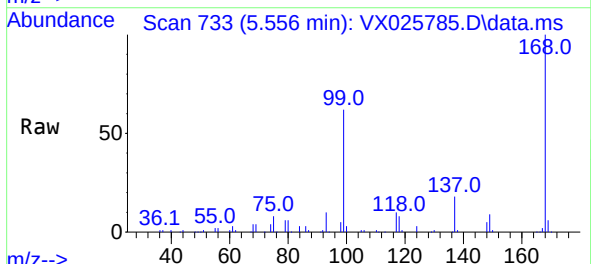
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ClientSampleId :
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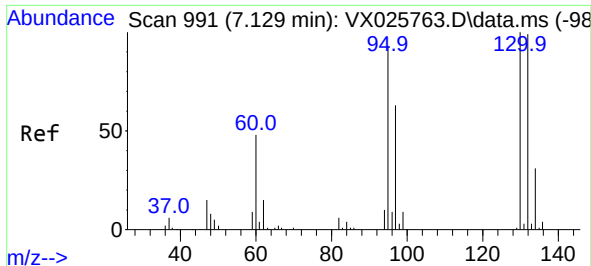
Tgt Ion: 75 Resp: 10918
Ion Ratio Lower Upper
75 100
110 5.8 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.438 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

Tgt Ion: 117 Resp: 14376
Ion Ratio Lower Upper
117 100
119 6.0 77.2 115.8#
121 0.0 23.8 35.8#

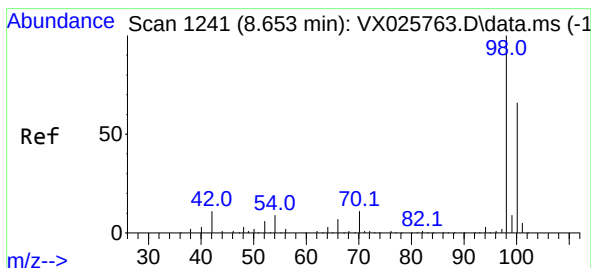
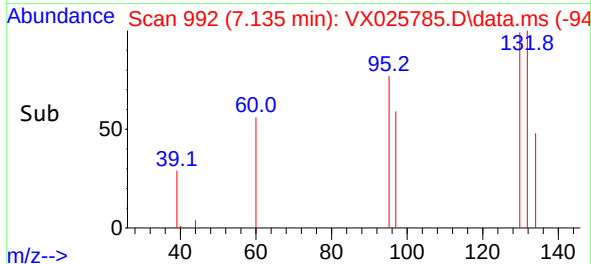
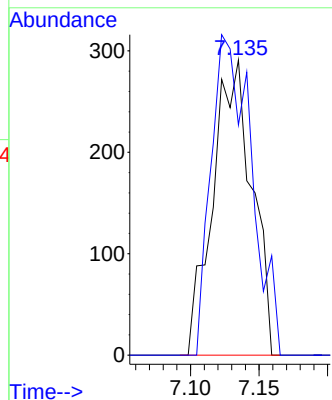
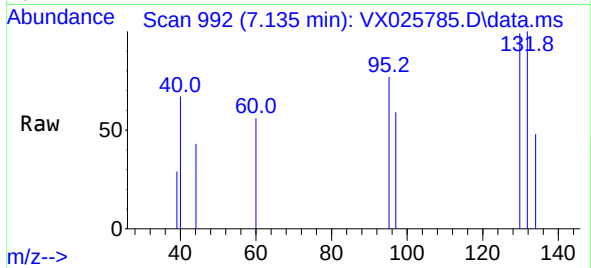




#44
Trichloroethene
Concen: 0.307 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

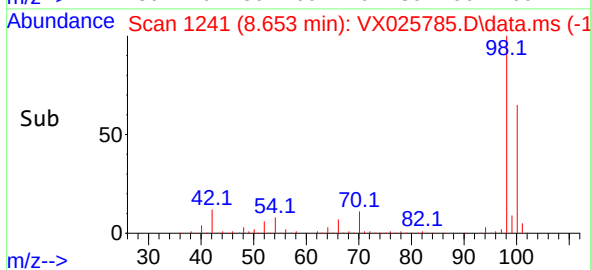
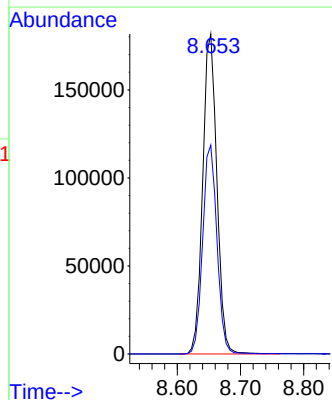
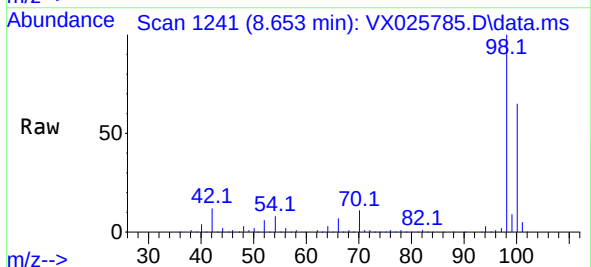
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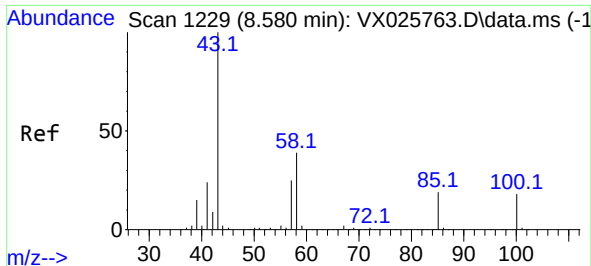
Tgt Ion:130 Resp: 580
Ion Ratio Lower Upper
130 100
95 78.0 0.0 186.4



#50
Toluene-d8
Concen: 46.518 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

Tgt Ion: 98 Resp: 283965
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

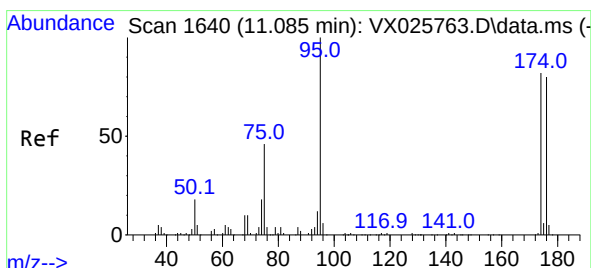
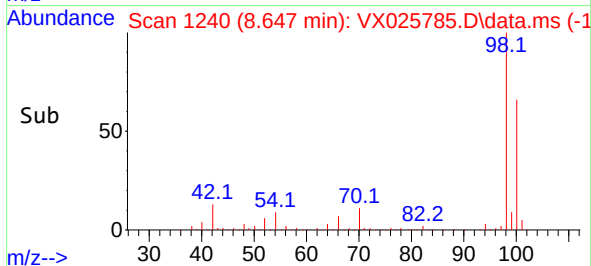
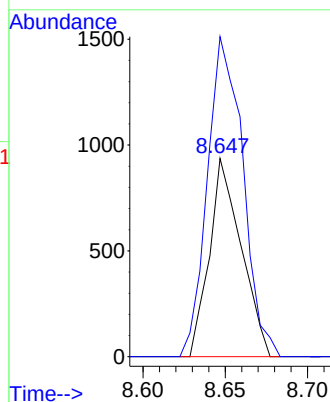
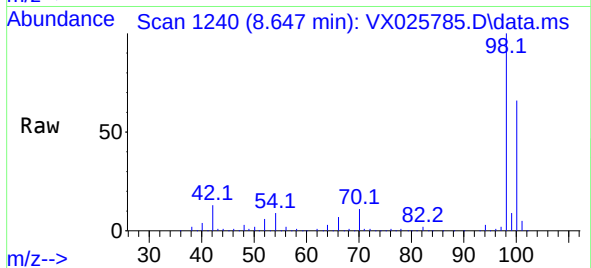




#51
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

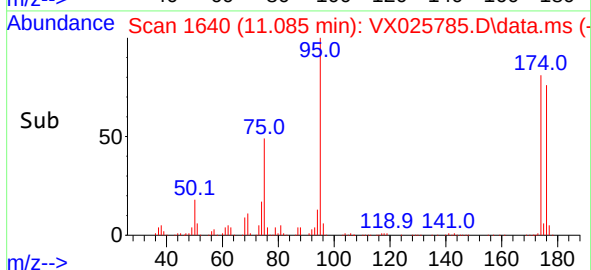
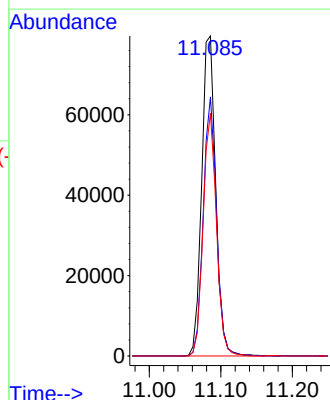
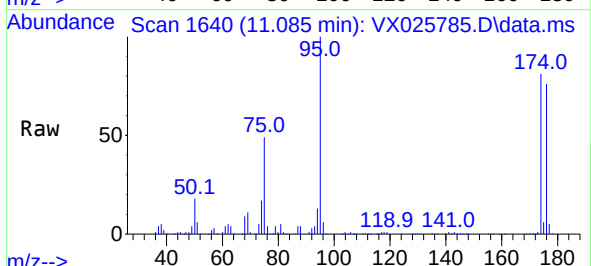
Instrument :
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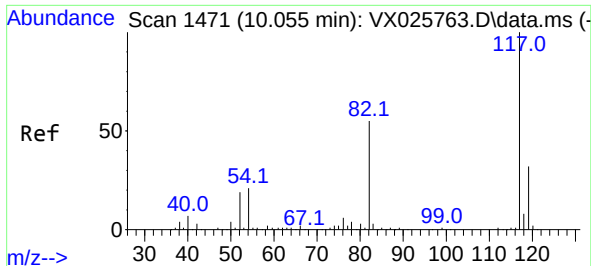
Tgt Ion: 43 Resp: 1257
Ion Ratio Lower Upper
43 100
58 180.2 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 46.600 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

Tgt Ion: 95 Resp: 108059
Ion Ratio Lower Upper
95 100
174 77.1 0.0 157.4
176 72.2 0.0 154.6

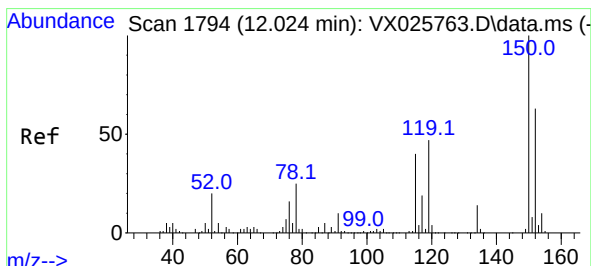
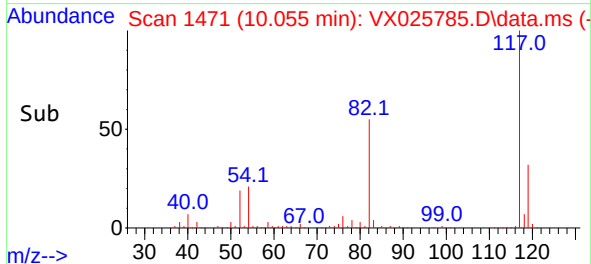
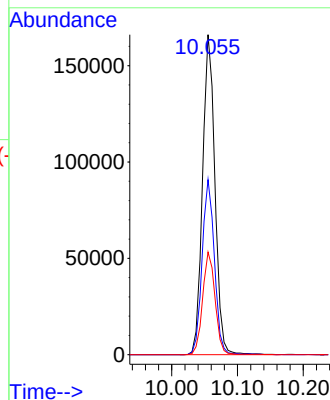
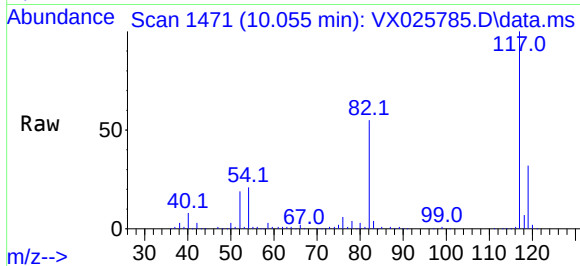




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

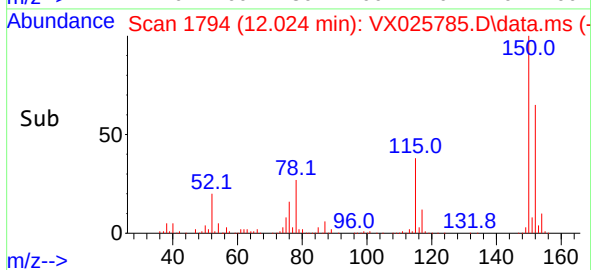
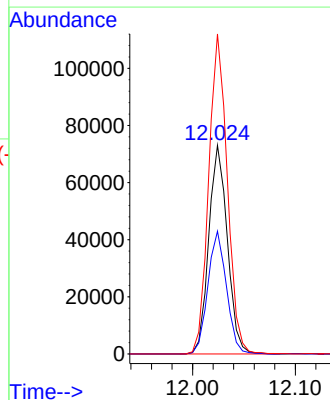
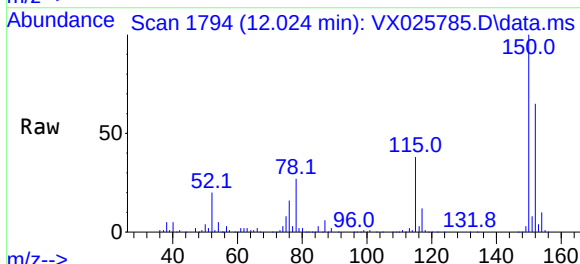
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20211207

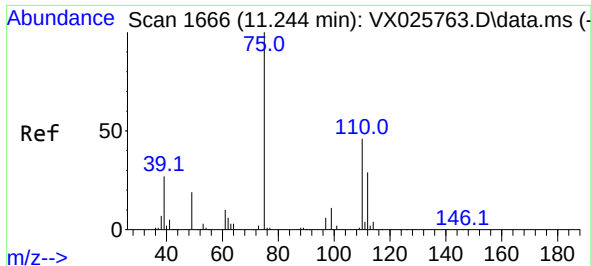
Tgt Ion:117 Resp: 217798
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.6
119 32.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

Tgt Ion:152 Resp: 91857
Ion Ratio Lower Upper
152 100
115 58.9 41.3 123.9
150 153.2 0.0 351.8

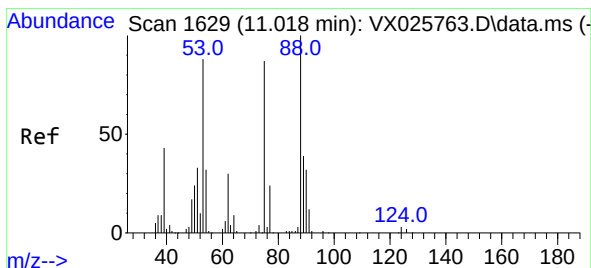
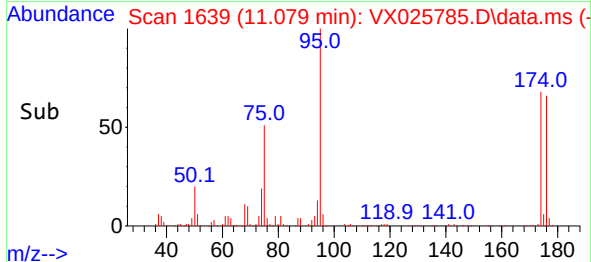
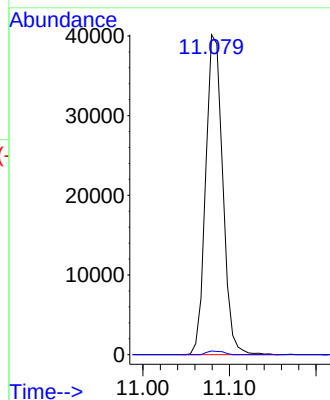
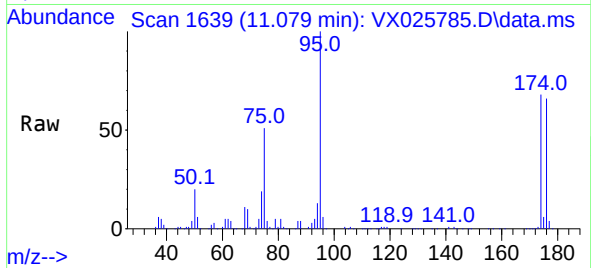




#76
1,2,3-Trichloropropane
Concen: 26.071 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

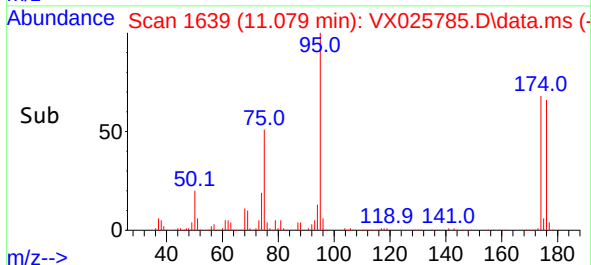
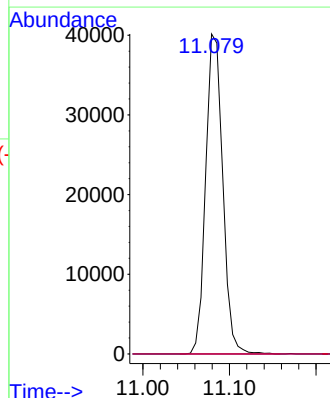
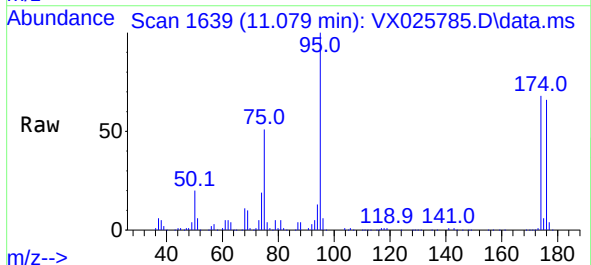
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20211207

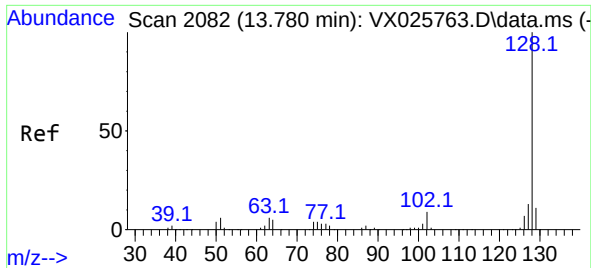
Tgt Ion: 75 Resp: 54870
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.828 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

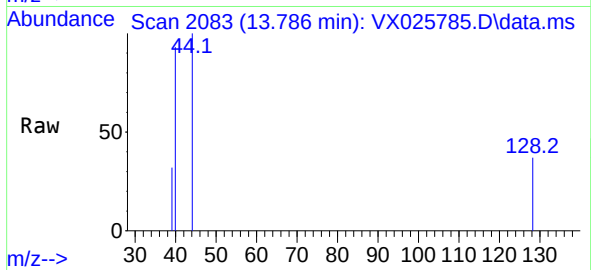
Tgt Ion: 75 Resp: 54870
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#





#95
Naphthalene
Concen: 2.421 ug/l
RT: 13.786 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX025785.D
Acq: 14 Dec 2021 18:30

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20211207



Tgt Ion:	128	Resp:	65
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

