

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX029013.D
 Acq On : 26 May 2022 20:42
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB-220513

Quant Time: May 27 07:37:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

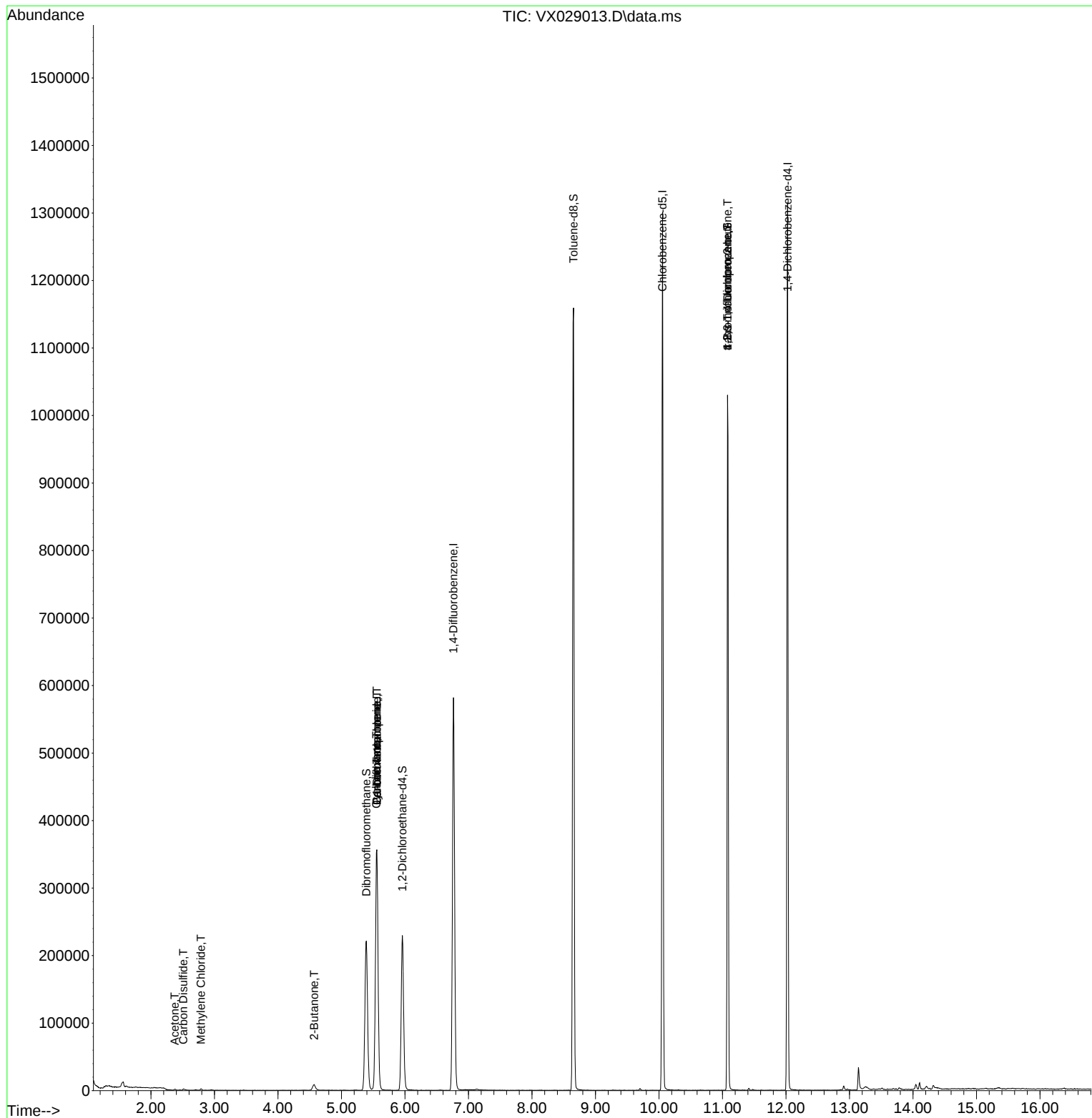
Internal Standards						
1) Pentafluorobenzene	5.556	168	344380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	609625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	588648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	277861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	223505	47.346	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.700%
35) Dibromofluoromethane	5.391	113	198208	49.624	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.240%
50) Toluene-d8	8.653	98	724323	48.100	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.200%
62) 4-Bromofluorobenzene	11.079	95	286983	51.023	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.040%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	632	Below Cal	#	74
6) Chloroethane	1.685	64	136	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	497	Below Cal	#	72
16) Acetone	2.374	43	1400	0.691	ug/l #	83
17) Carbon Disulfide	2.508	76	2267	0.245	ug/l #	78
20) Methylene Chloride	2.788	84	1058	0.249	ug/l #	85
25) 2-Butanone	4.568	43	1022	0.321	ug/l #	81
31) Cyclohexane	5.550	56	6158	0.940	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	26509	4.419	ug/l #	49
38) Carbon Tetrachloride	5.556	117	35089	5.812	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	140557	21.600	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	140557	63.321	ug/l #	15

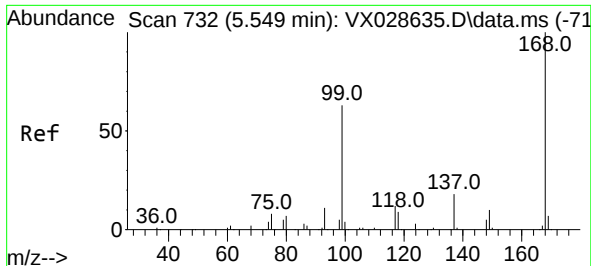
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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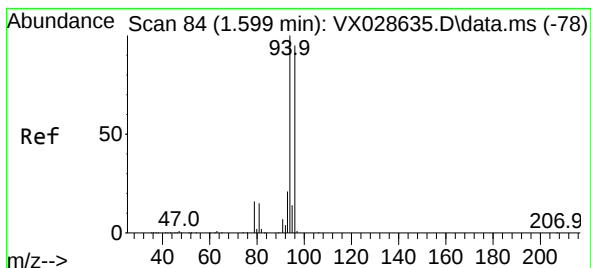
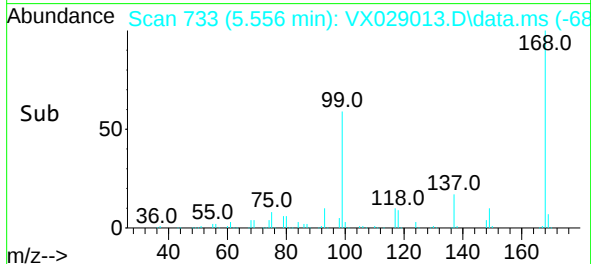
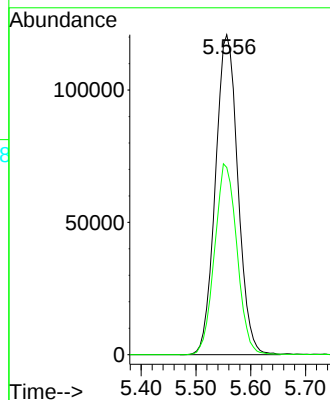
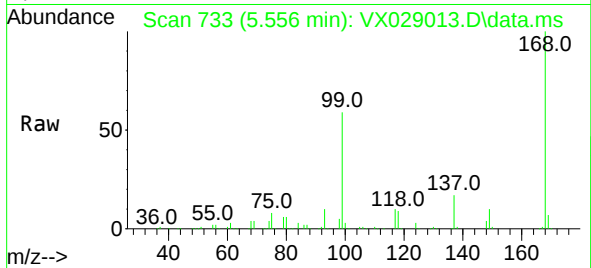




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

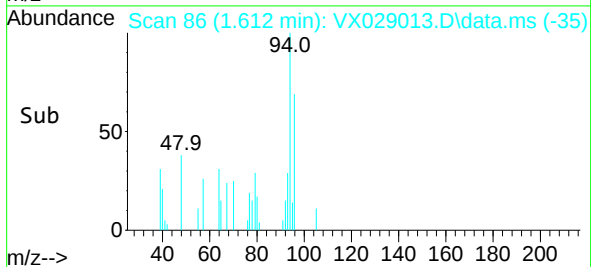
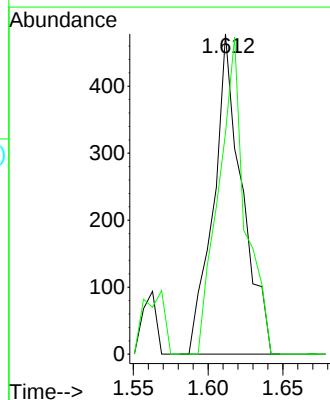
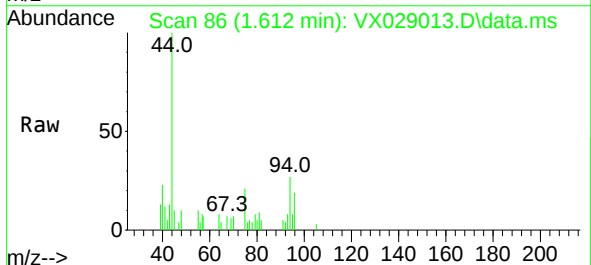
Instrument :
MSVOA_X
ClientSampleId :
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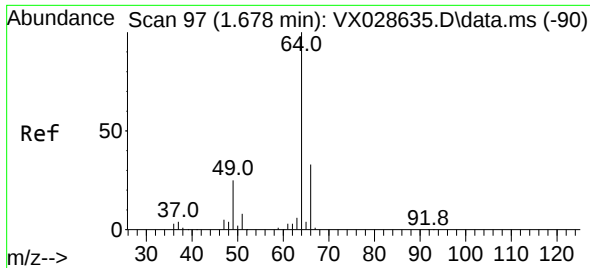
Tgt Ion:168 Resp: 344380
Ion Ratio Lower Upper
168 100
99 58.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

Tgt Ion: 94 Resp: 632
Ion Ratio Lower Upper
94 100
96 69.0 75.3 112.9#

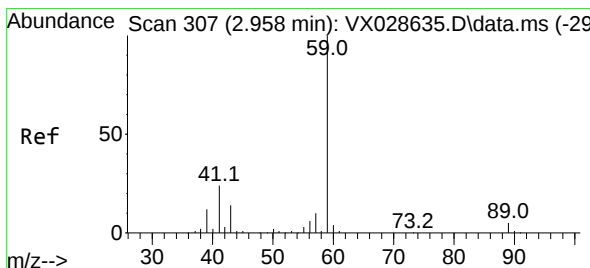
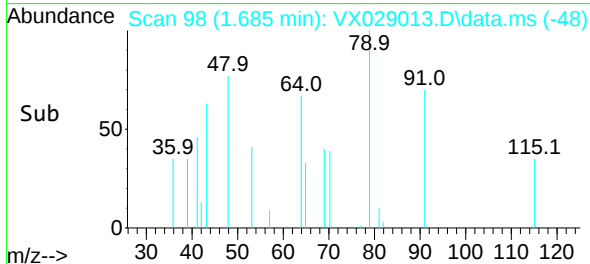
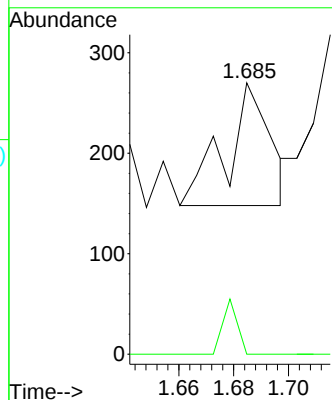
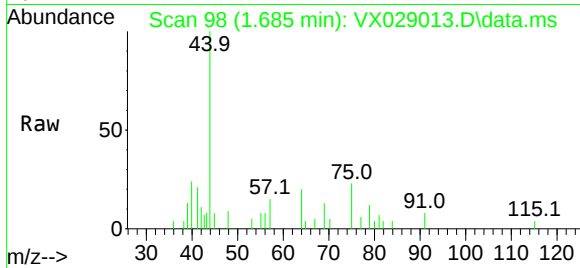




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.007 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

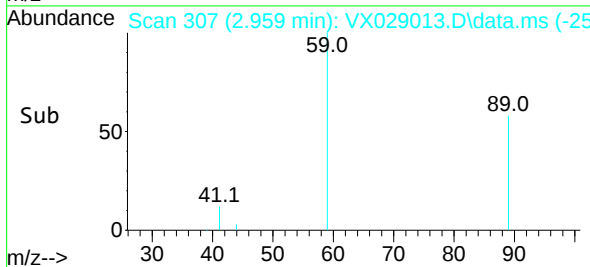
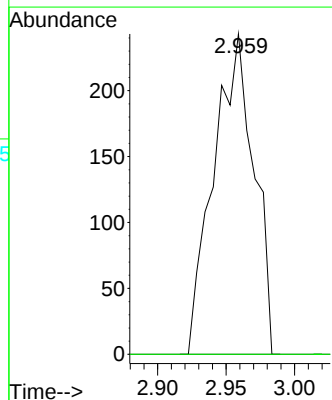
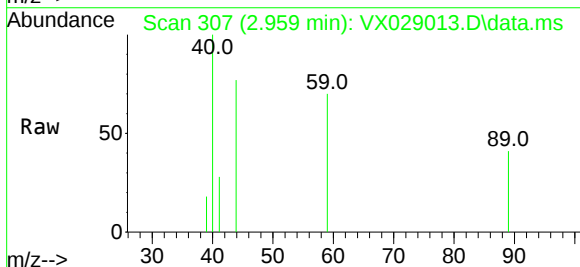
Instrument :
MSVOA_X
ClientSampleId :
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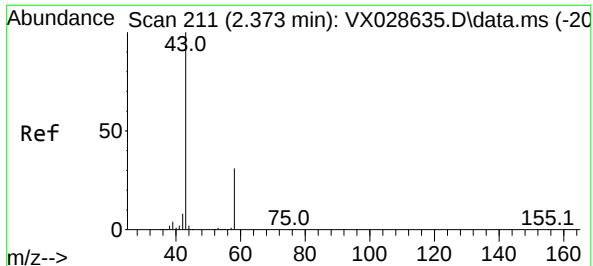
Tgt Ion: 64 Resp: 136
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

Tgt Ion: 59 Resp: 497
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

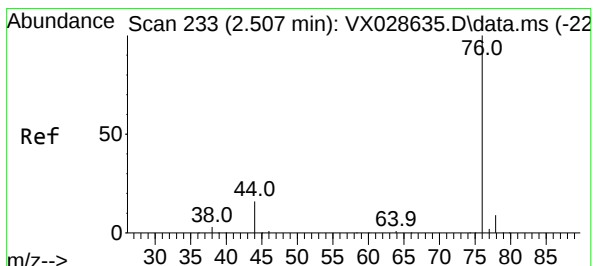
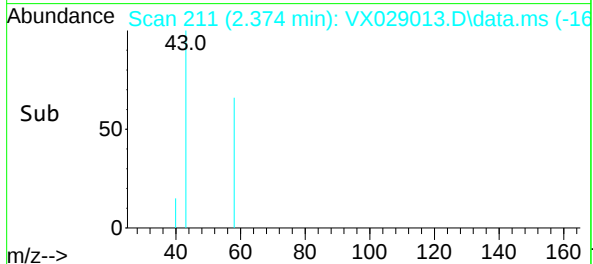
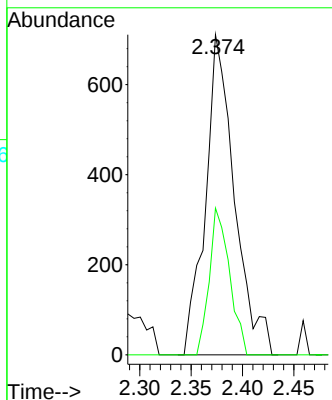
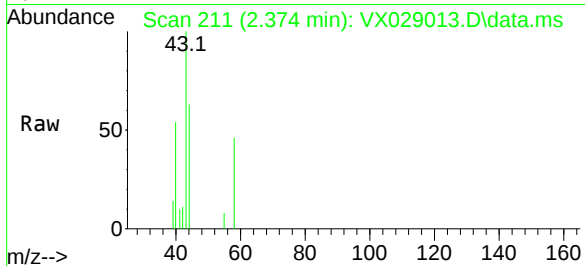




#16
Acetone
Concen: 0.691 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

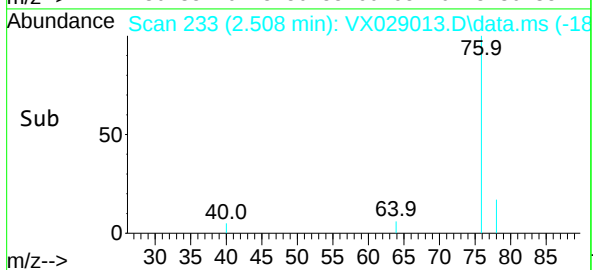
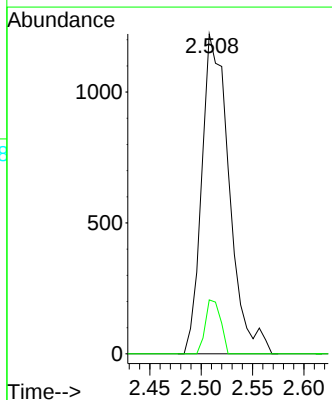
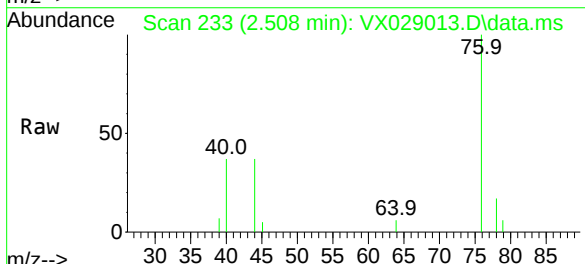
Instrument :
MSVOA_X
ClientSampleId :
RB-220513

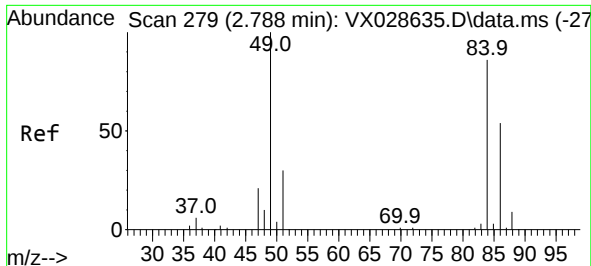
Tgt Ion: 43 Resp: 1400
Ion Ratio Lower Upper
43 100
58 45.9 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.245 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.001 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

Tgt Ion: 76 Resp: 2267
Ion Ratio Lower Upper
76 100
78 16.9 7.2 10.8#

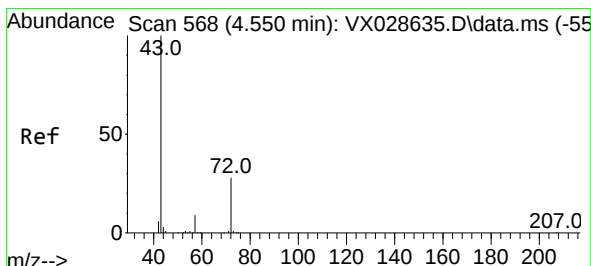
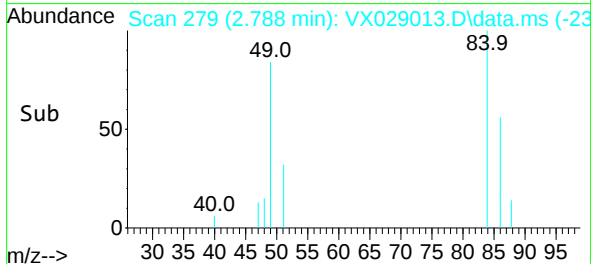
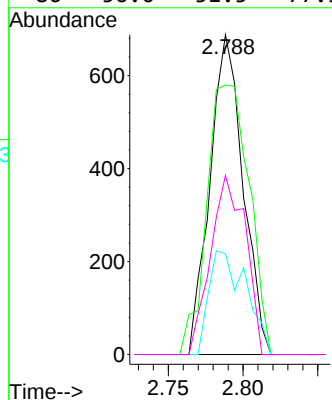
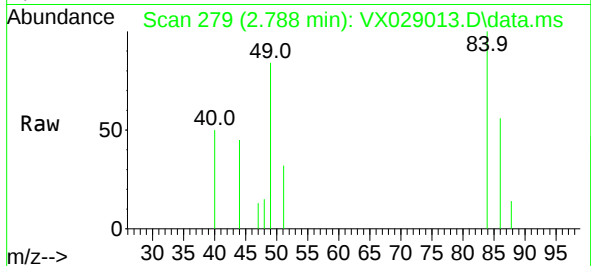




#20
Methylene Chloride
Concen: 0.249 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

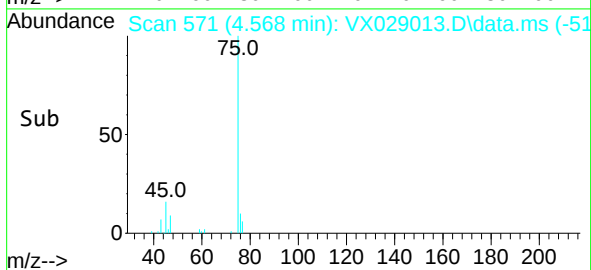
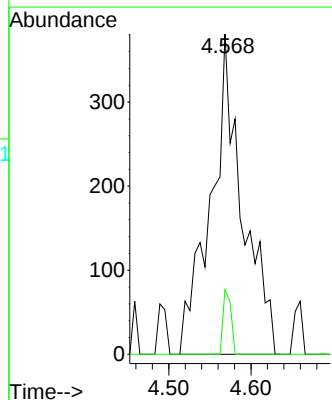
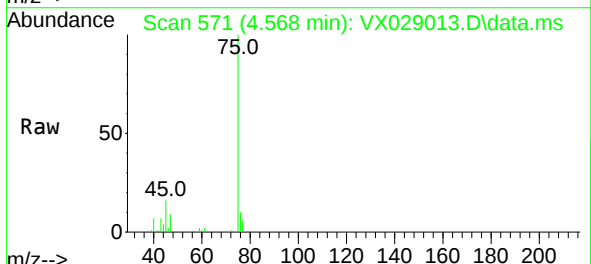
Instrument :
MSVOA_X
ClientSampleId :
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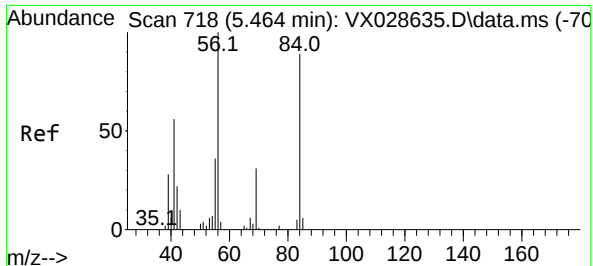
Tgt Ion:	84	Resp:	1058
Ion	Ratio	Lower	Upper
84	100		
49	84.3	85.5	128.3#
51	31.5	26.6	39.8
86	56.0	51.5	77.3



#25
2-Butanone
Concen: 0.321 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

Tgt Ion:	43	Resp:	1022
Ion	Ratio	Lower	Upper
43	100		
72	20.2	24.4	36.6#

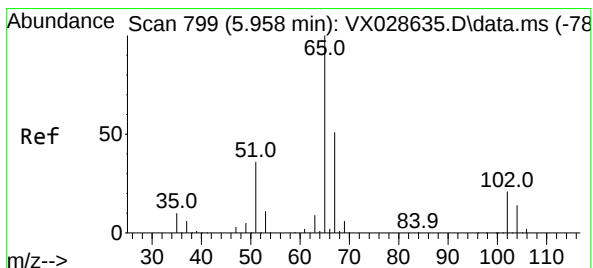
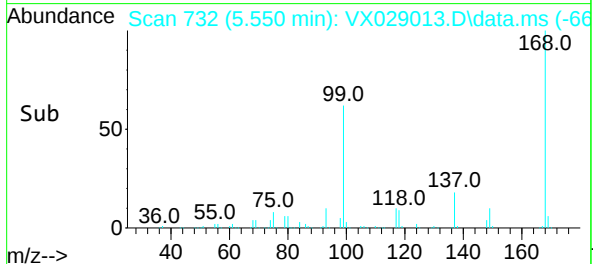
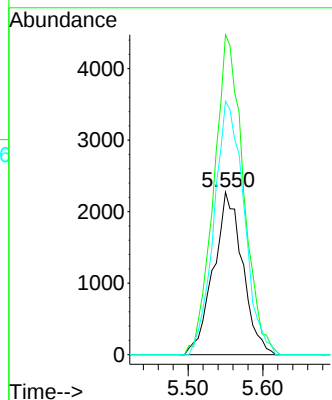
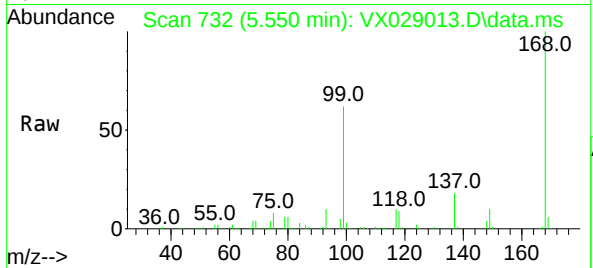




#31
Cyclohexane
Concen: 0.940 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

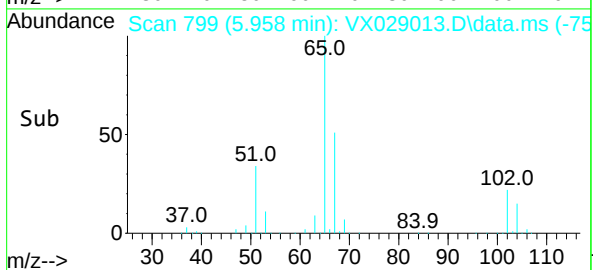
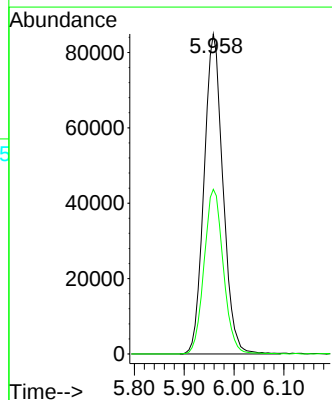
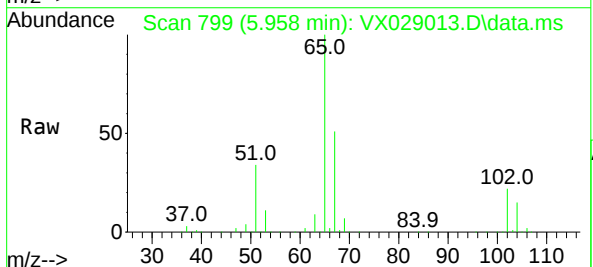
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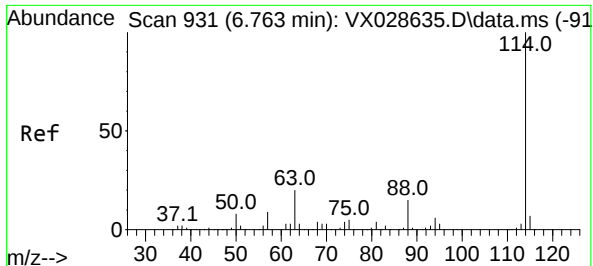
Tgt Ion: 56 Resp: 6158
Ion Ratio Lower Upper
56 100
69 196.9 26.7 40.1#
84 156.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 47.346 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

Tgt Ion: 65 Resp: 223505
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.4

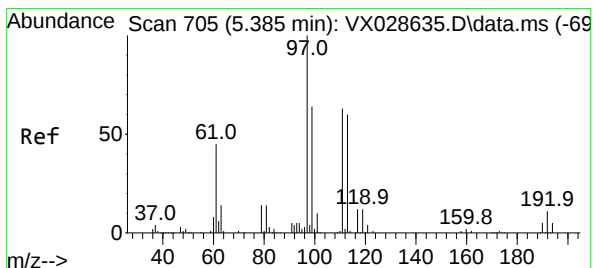
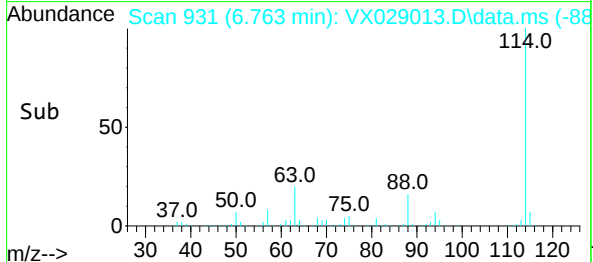
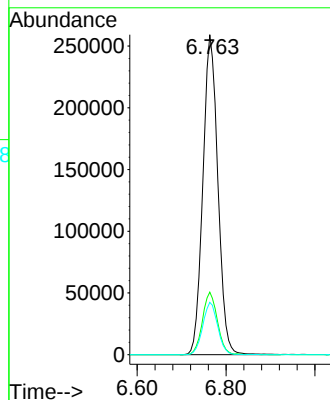
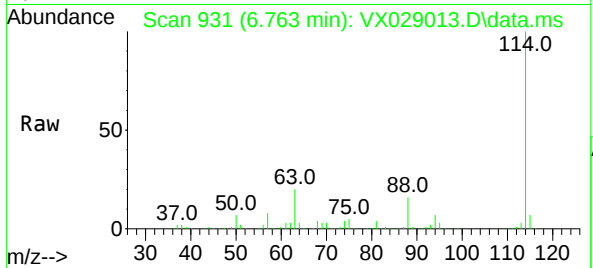




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

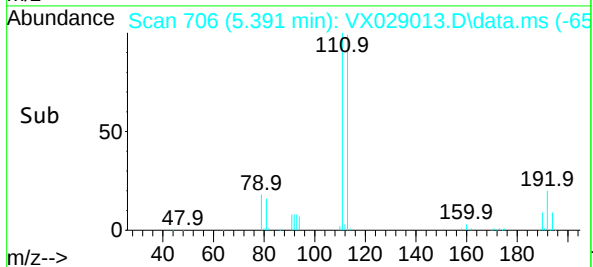
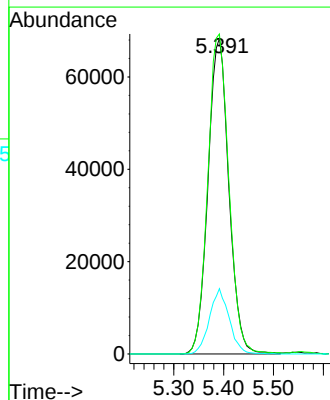
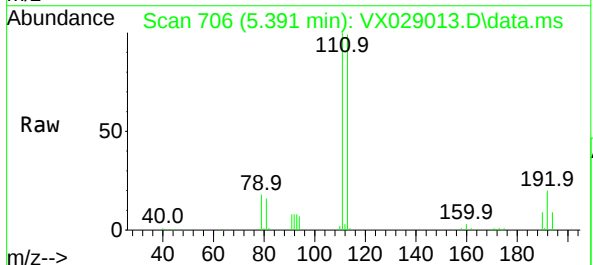
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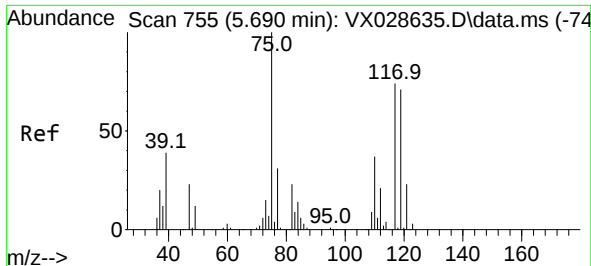
Tgt Ion:114 Resp: 609625
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.624 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

Tgt Ion:113 Resp: 198208
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 19.6 16.9 25.3

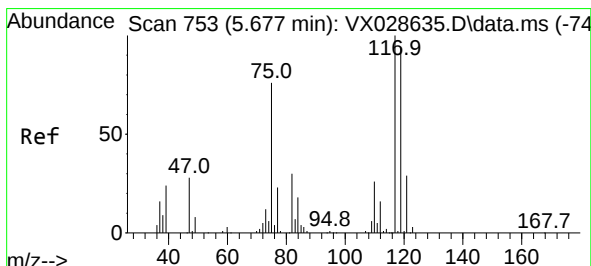
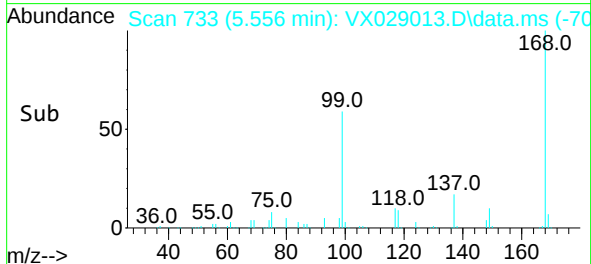
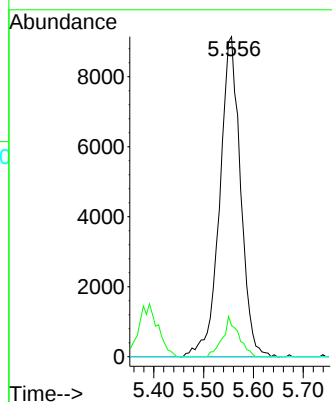
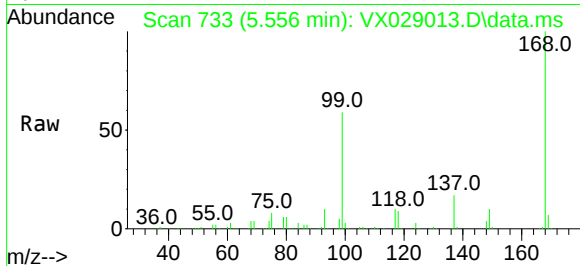




#36
1,1-Dichloropropene
Concen: 4.419 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

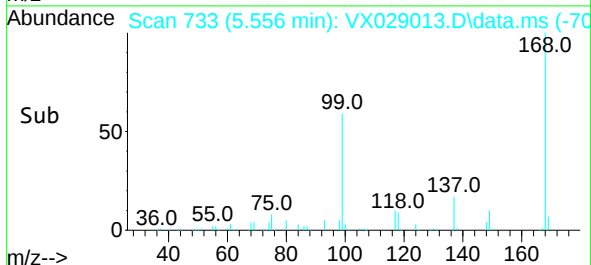
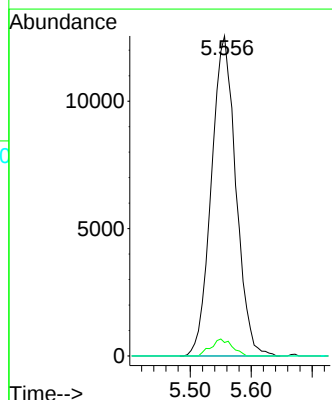
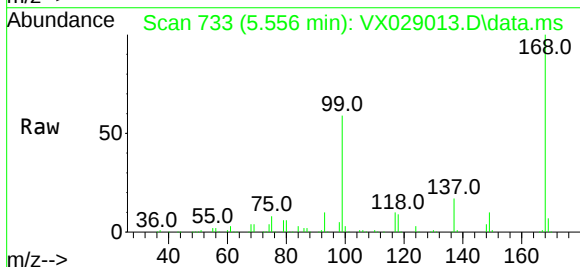
Instrument :
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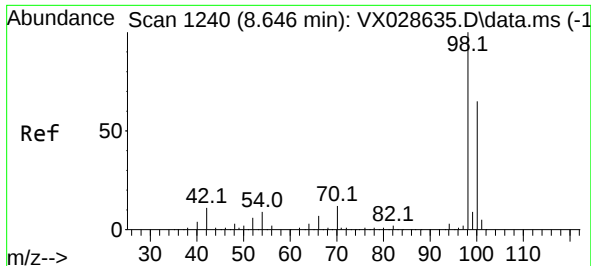
Tgt Ion: 75 Resp: 26509
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.812 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

Tgt Ion: 117 Resp: 35089
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#

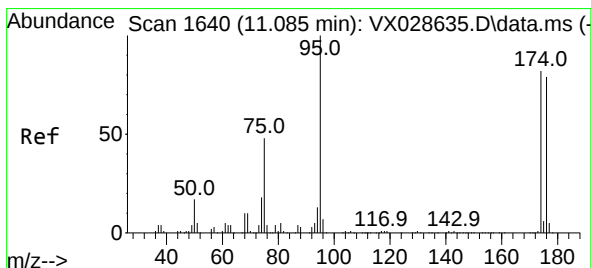
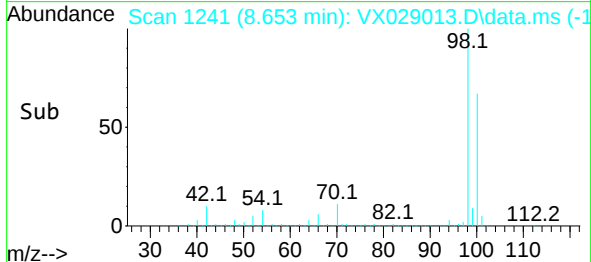
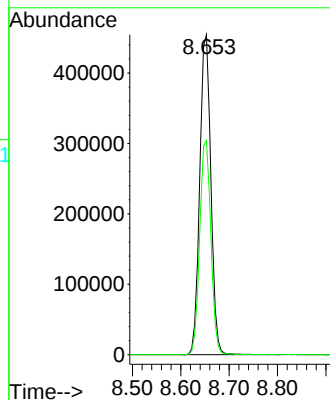
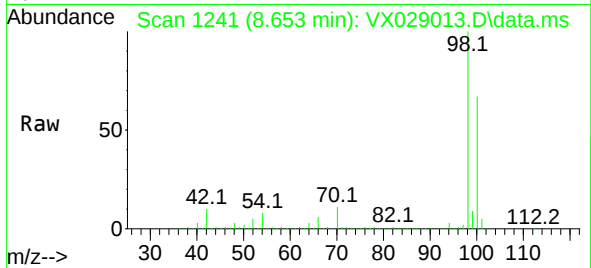




#50
Toluene-d8
Concen: 48.100 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

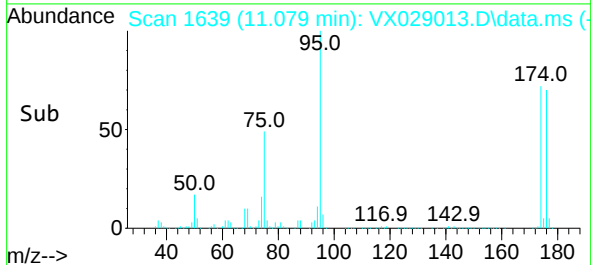
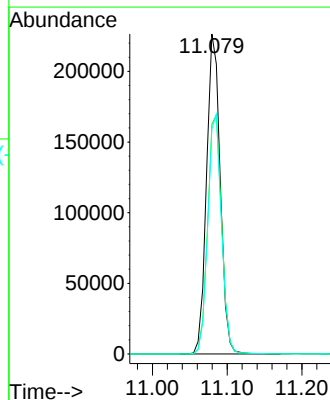
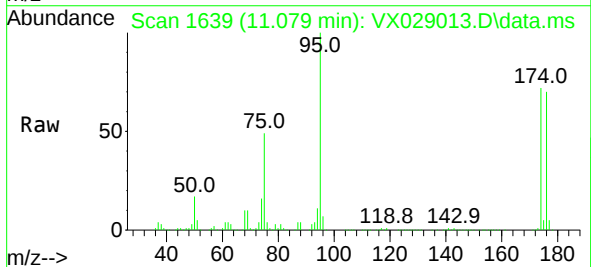
Instrument :
MSVOA_X
ClientSampleId :
RB-220513

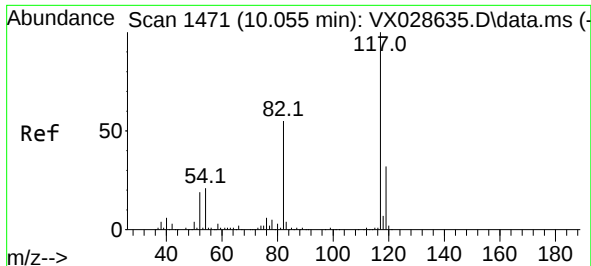
Tgt Ion: 98 Resp: 724323
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.023 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

Tgt Ion: 95 Resp: 286983
Ion Ratio Lower Upper
95 100
174 76.6 0.0 163.0
176 74.9 0.0 155.0

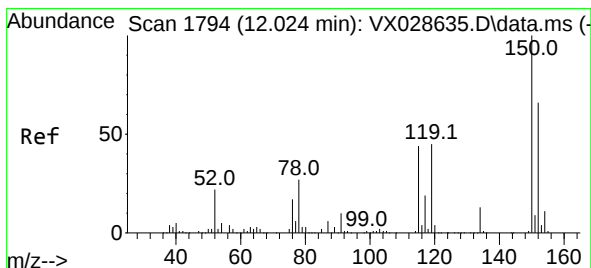
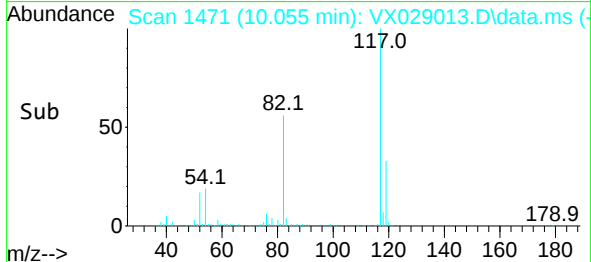
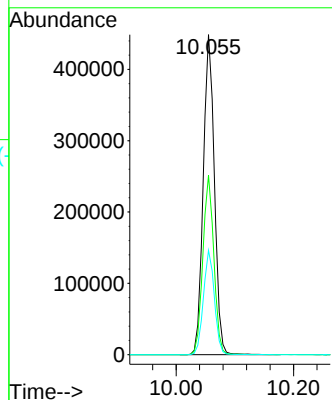
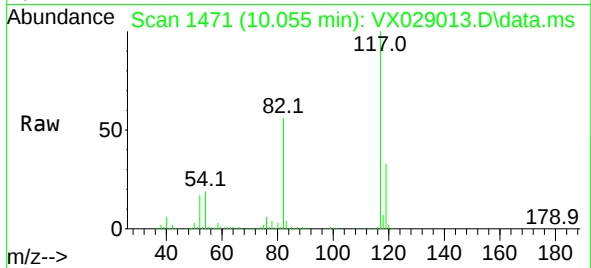




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

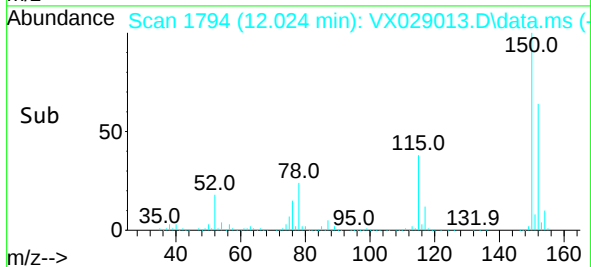
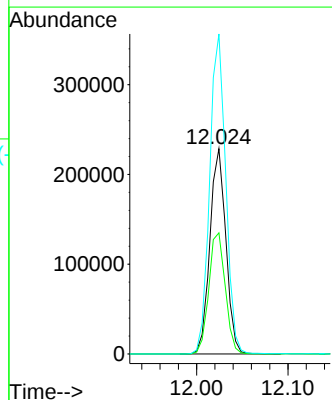
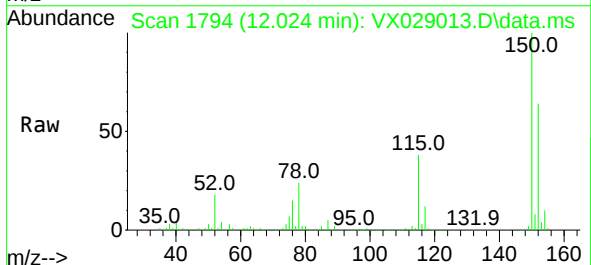
Instrument :
MSVOA_X
ClientSampleId :
RB-220513

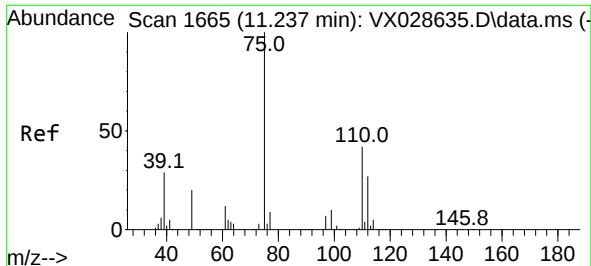
Tgt Ion:117 Resp: 588648
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

Tgt Ion:152 Resp: 277861
Ion Ratio Lower Upper
152 100
115 60.8 37.5 112.7
150 156.2 0.0 338.2

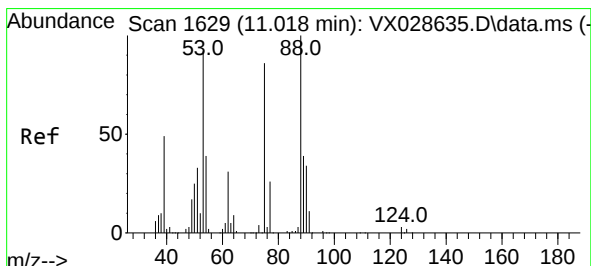
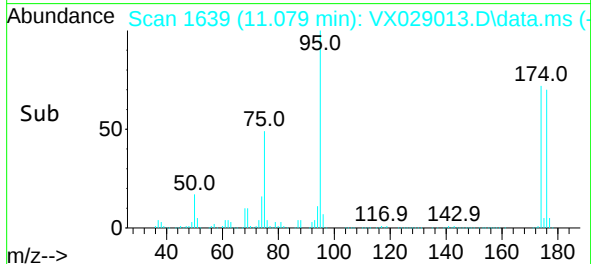
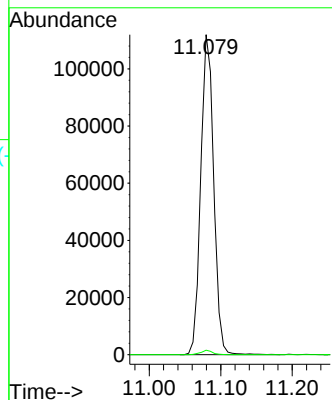
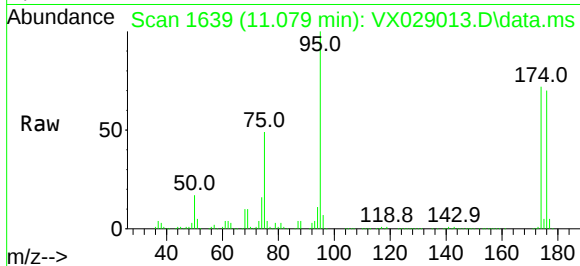




#76
1,2,3-Trichloropropane
Concen: 21.600 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

Instrument :
MSVOA_X
ClientSampleId :
RB-220513

Tgt Ion: 75 Resp: 140557
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.321 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029013.D
Acq: 26 May 2022 20:42

Tgt Ion: 75 Resp: 140557
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

