

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035800.D
 Acq On : 22 May 2023 21:15
 Operator : JC/MD
 Sample : 02891-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A653

Quant Time: May 23 06:17:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

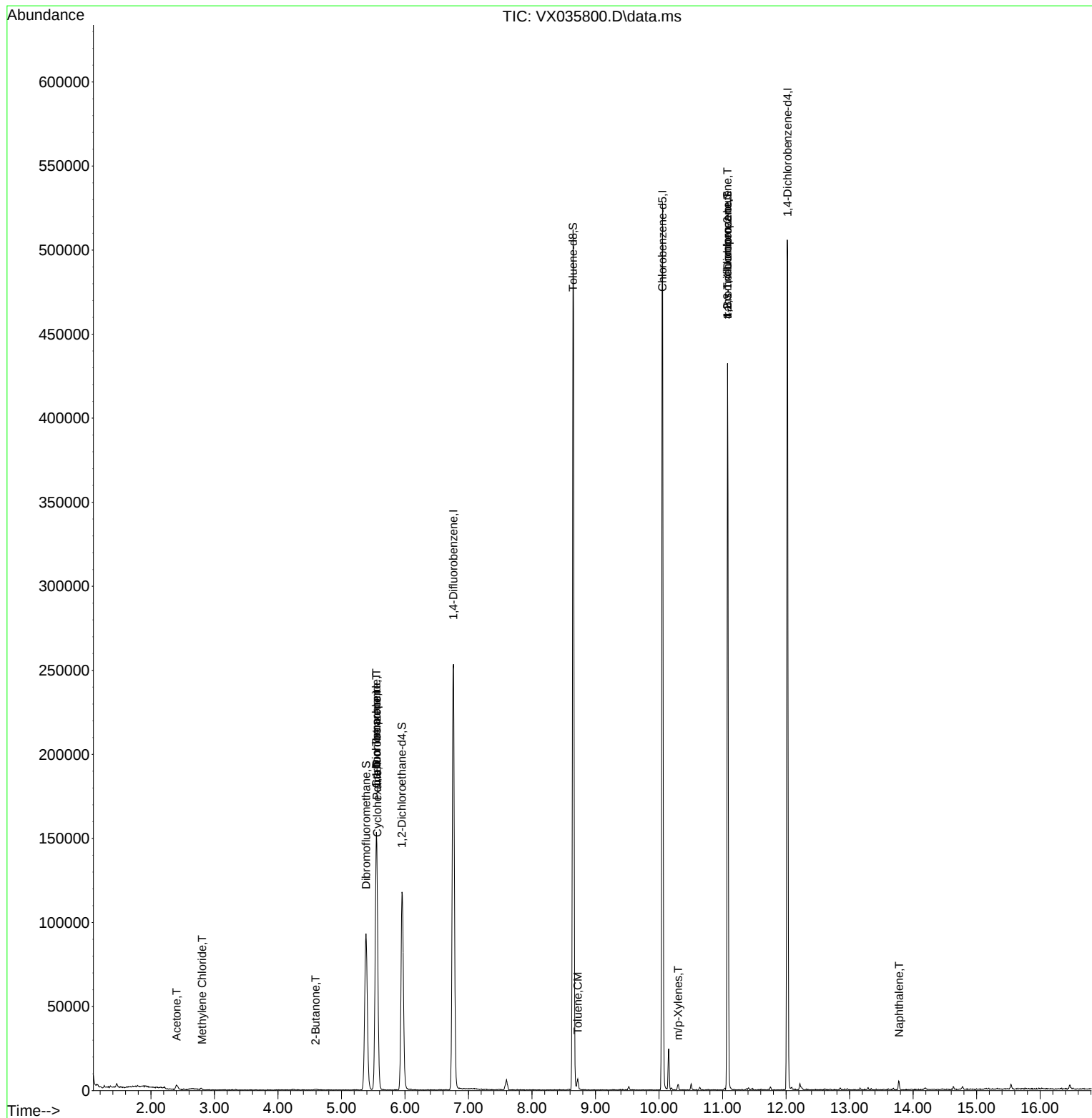
Internal Standards						
1) Pentafluorobenzene	5.556	168	141749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	112945	45.674	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.340%
35) Dibromofluoromethane	5.385	113	81858	47.577	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.160%
50) Toluene-d8	8.647	98	291844	45.915	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.840%#
62) 4-Bromofluorobenzene	11.079	95	110347	43.117	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.240%
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	4887	4.598	ug/l	92
20) Methylene Chloride	2.806	84	419	0.218	ug/l #	43
25) 2-Butanone	4.593	43	691	0.470	ug/l #	90
31) Cyclohexane	5.562	56	3286	1.052	ug/l #	43
36) 1,1-Dichloropropene	5.550	75	12291	4.526	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14594	5.673	ug/l #	16
52) Toluene	8.720	92	2166	0.452	ug/l	97
68) m/p-Xylenes	10.299	106	774	0.223	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	58929	23.411	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	58929	75.451	ug/l #	8
95) Naphthalene	13.780	128	3506	0.464	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

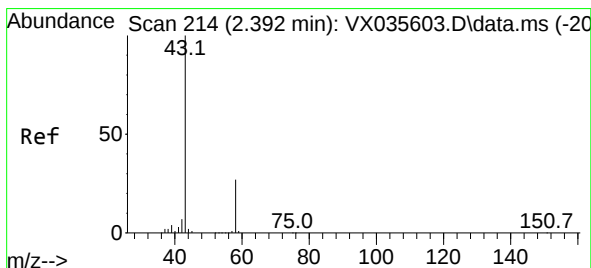
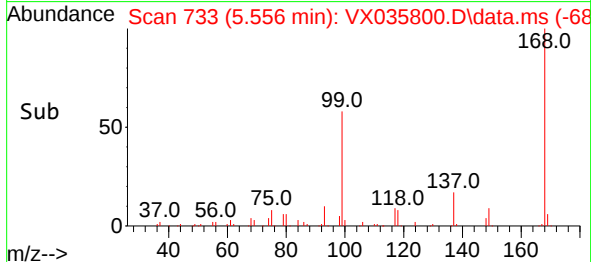
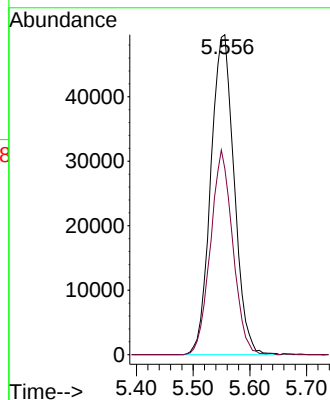
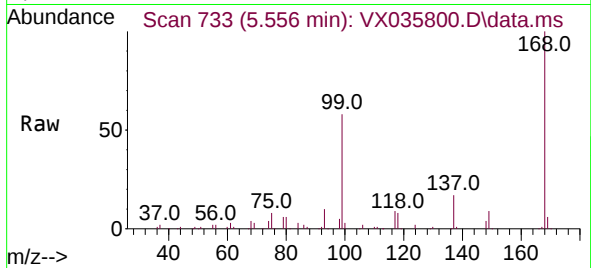




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

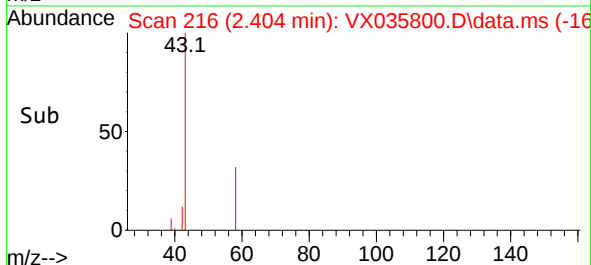
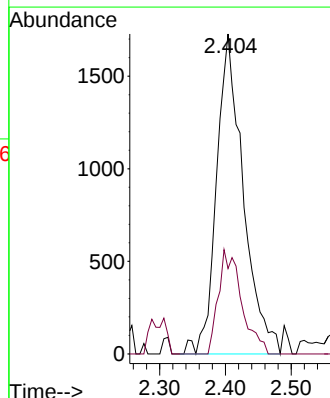
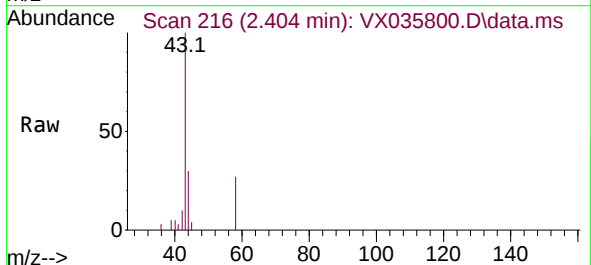
Instrument :
MSVOA_X
ClientSampleId :
A653

Tgt Ion:168 Resp: 141749
Ion Ratio Lower Upper
168 100
99 58.1 45.7 68.5



#16
Acetone
Concen: 4.598 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

Tgt Ion: 43 Resp: 4887
Ion Ratio Lower Upper
43 100
58 26.7 24.7 37.1

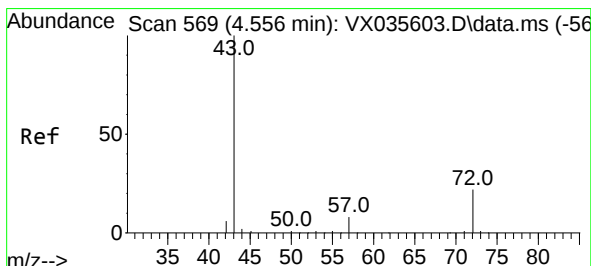
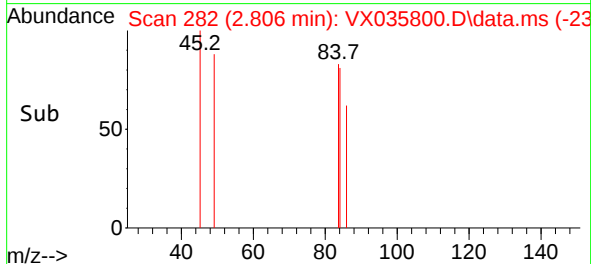
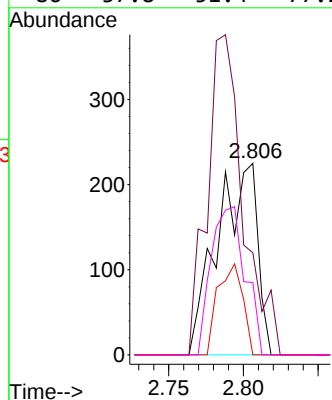
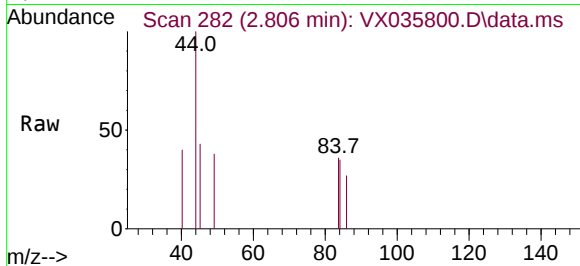




#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

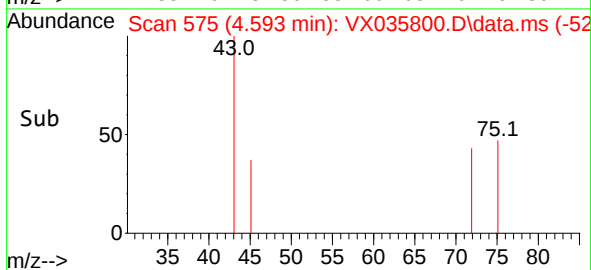
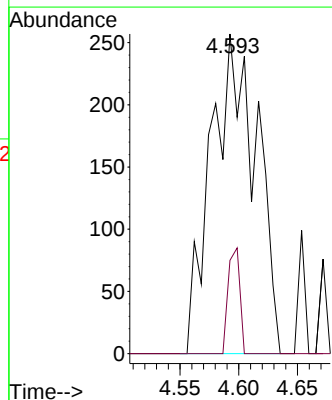
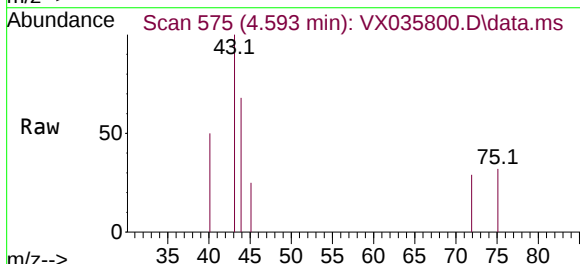
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ClientSampleId :
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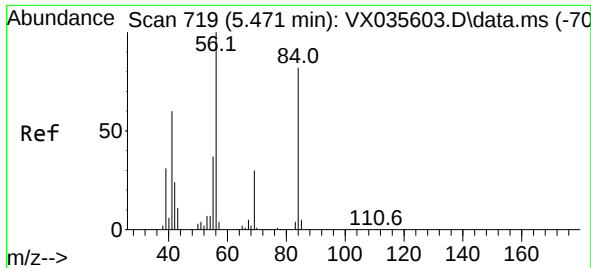
Tgt Ion: 84 Resp: 419
Ion Ratio Lower Upper
84 100
49 53.3 103.8 155.8#
51 0.0 31.8 47.8#
86 37.8 51.4 77.2#



#25
2-Butanone
Concen: 0.470 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.037 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

Tgt Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
72 29.2 19.3 28.9#

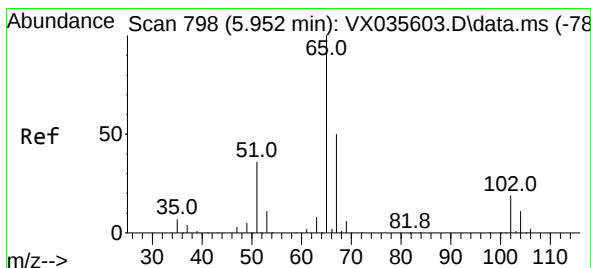
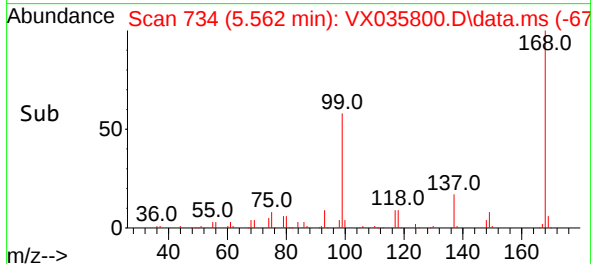
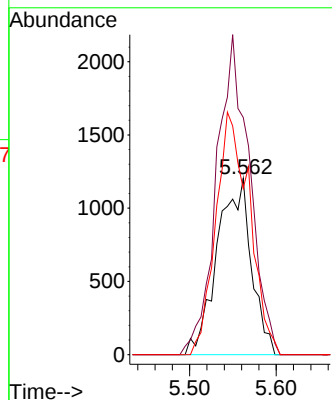
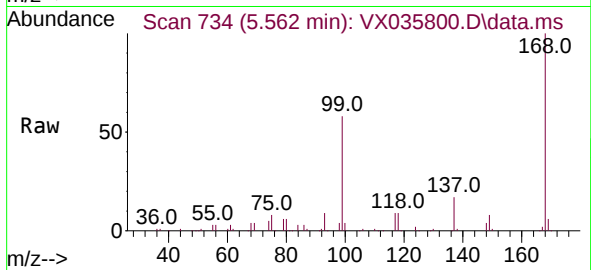




#31
Cyclohexane
Concen: 1.052 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

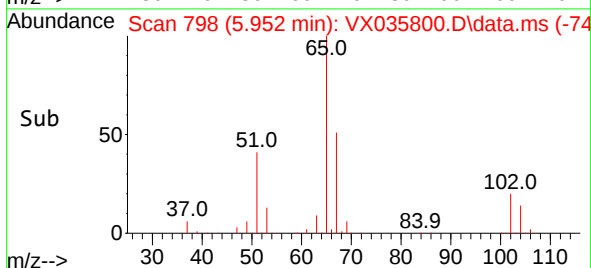
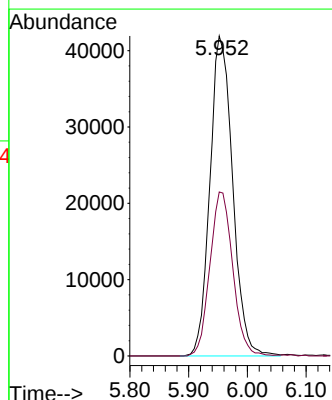
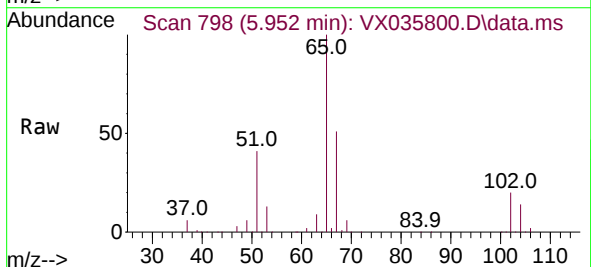
Instrument :
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ClientSampleId :
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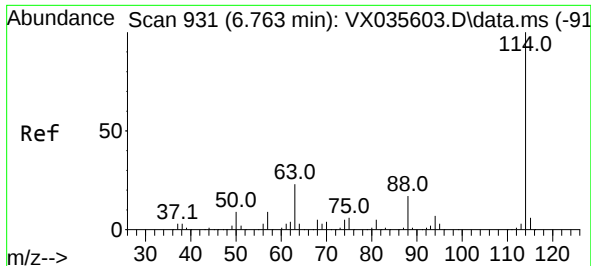
Tgt Ion: 56 Resp: 3286
Ion Ratio Lower Upper
56 100
69 134.7 23.7 35.5#
84 94.3 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 45.674 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

Tgt Ion: 65 Resp: 112945
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0

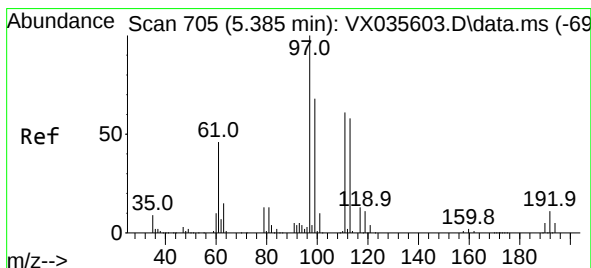
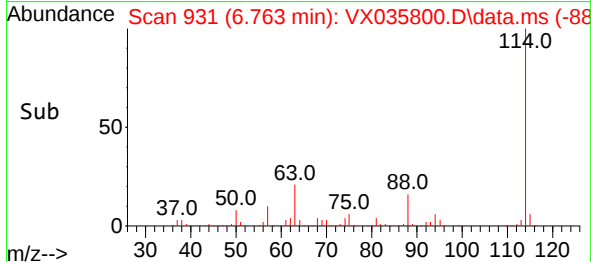
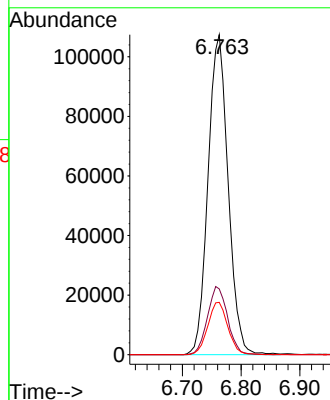
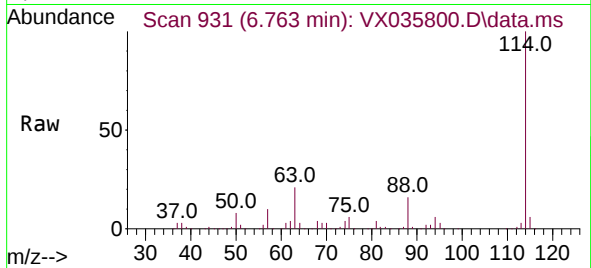




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

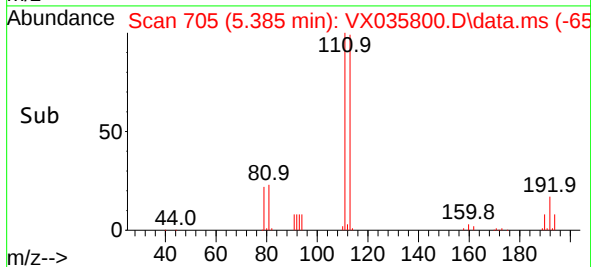
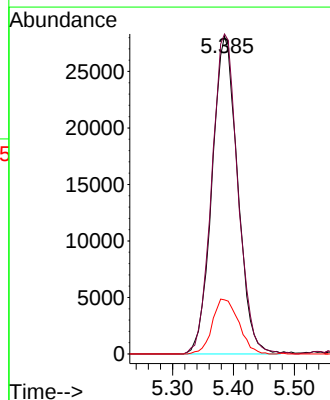
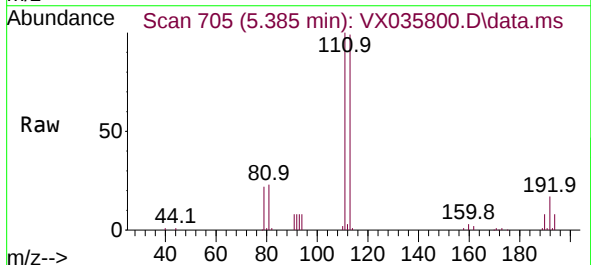
Instrument :
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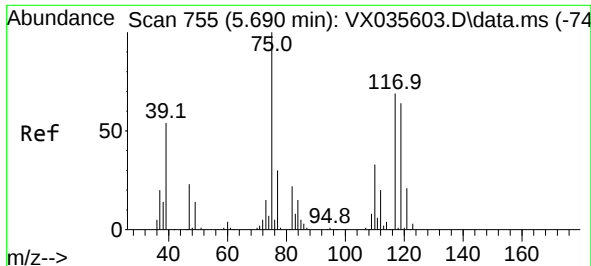
Tgt Ion:114 Resp: 255123
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.577 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

Tgt Ion:113 Resp: 81858
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 17.8 15.4 23.2

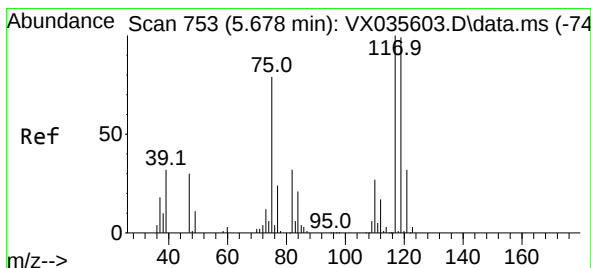
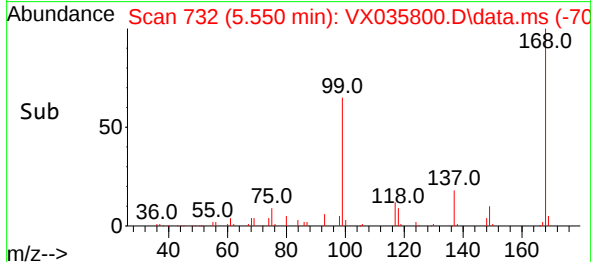
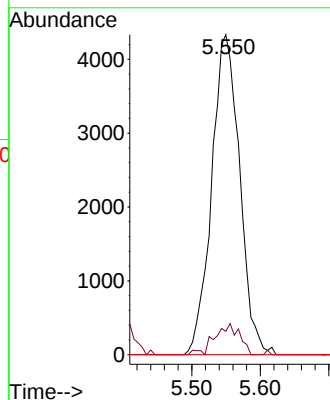
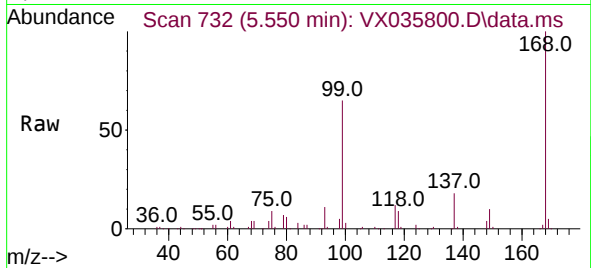




#36
1,1-Dichloropropene
Concen: 4.526 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

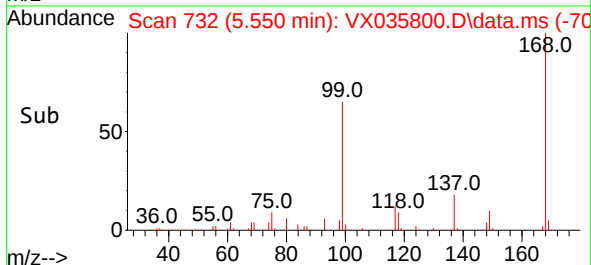
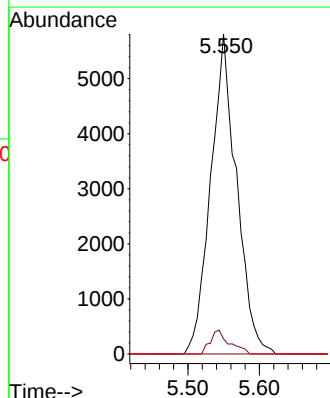
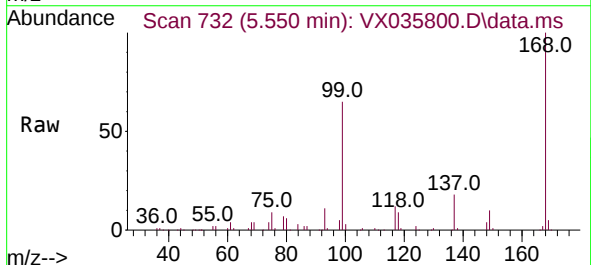
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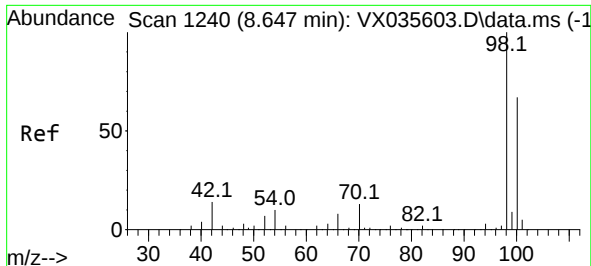
Tgt Ion: 75 Resp: 12291
Ion Ratio Lower Upper
75 100
110 8.6 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.673 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

Tgt Ion: 117 Resp: 14594
Ion Ratio Lower Upper
117 100
119 4.7 76.6 114.8#
121 0.0 23.8 35.6#

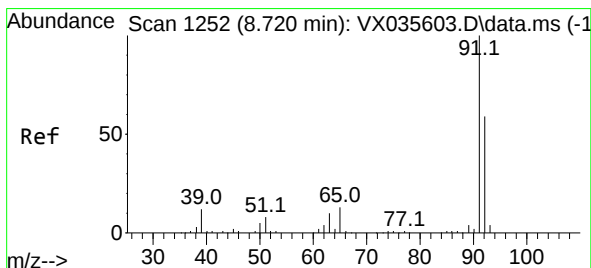
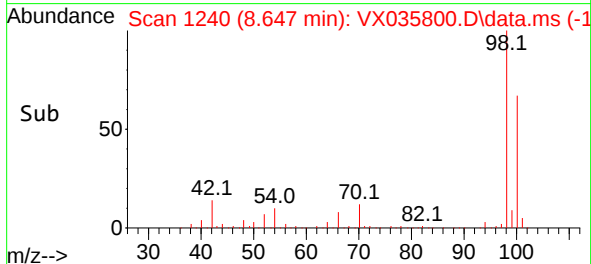
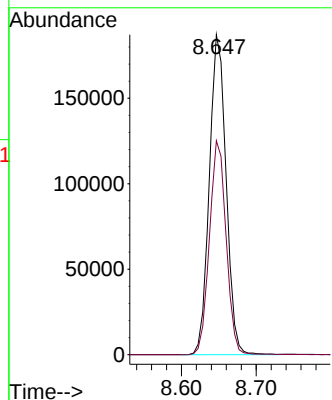
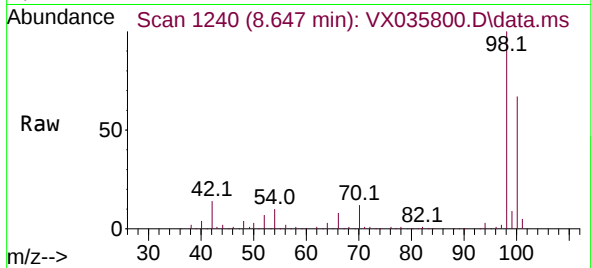




#50
Toluene-d8
Concen: 45.915 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

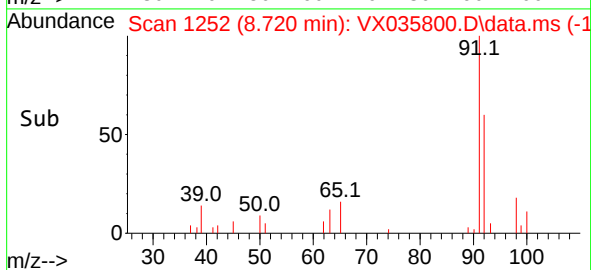
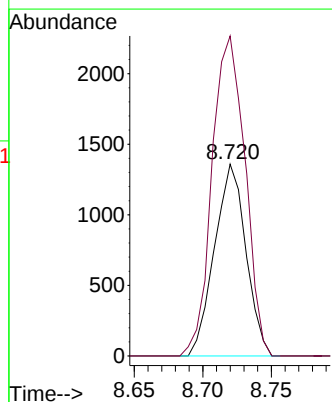
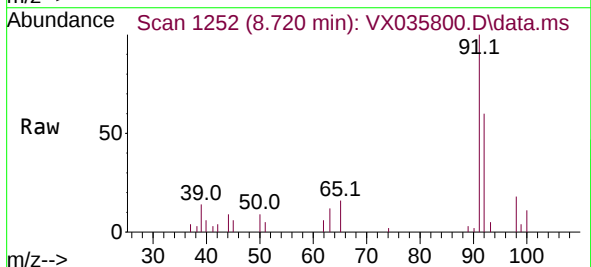
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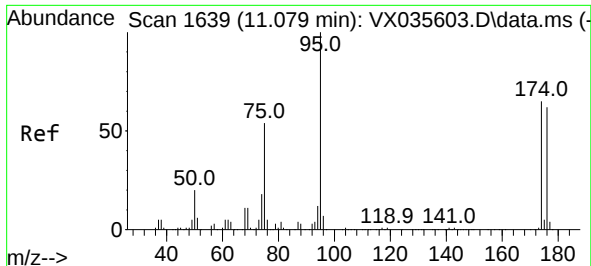
Tgt Ion: 98 Resp: 291844
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#52
Toluene
Concen: 0.452 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

Tgt Ion: 92 Resp: 2166
Ion Ratio Lower Upper
92 100
91 175.3 136.8 205.2

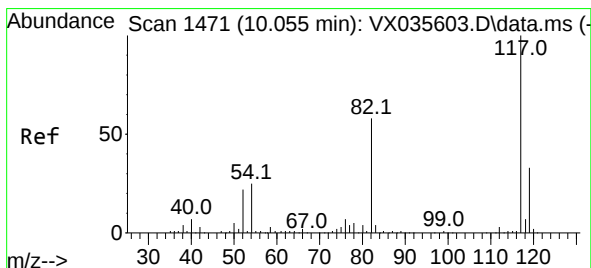
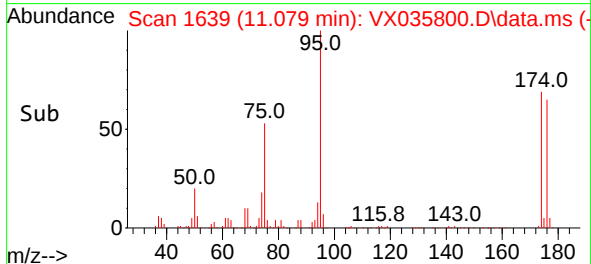
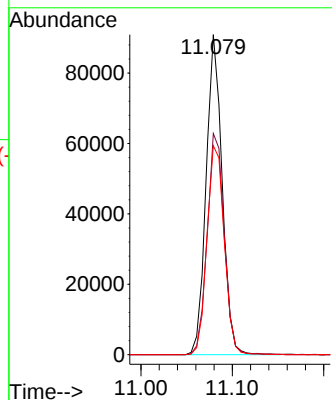
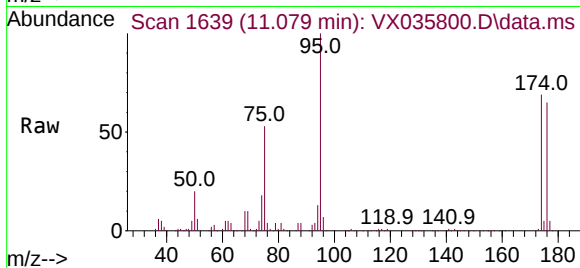




#62
4-Bromofluorobenzene
Concen: 43.117 ug/l
RT: 11.079 min Scan# 110347
Delta R.T. 0.000 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

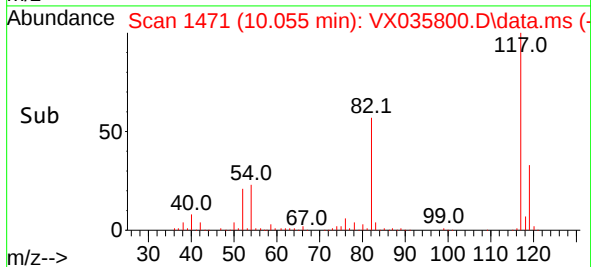
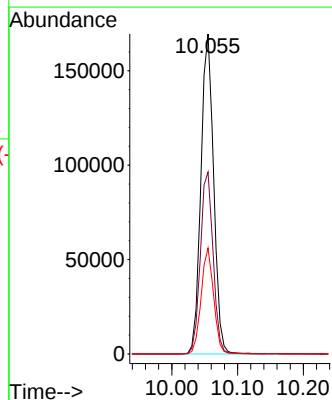
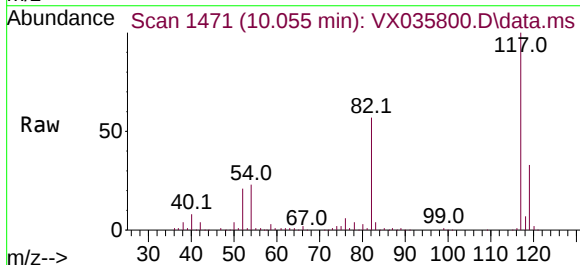
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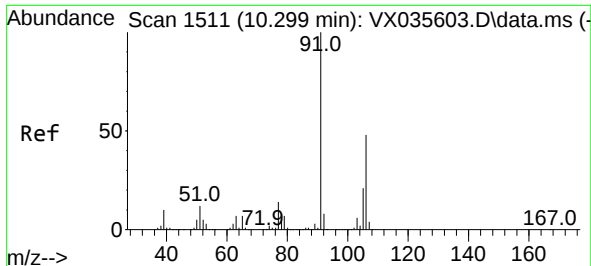
Tgt Ion: 95 Resp: 110347
Ion Ratio Lower Upper
95 100
174 73.4 0.0 147.4
176 70.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

Tgt Ion: 117 Resp: 228618
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 33.1 26.0 39.0

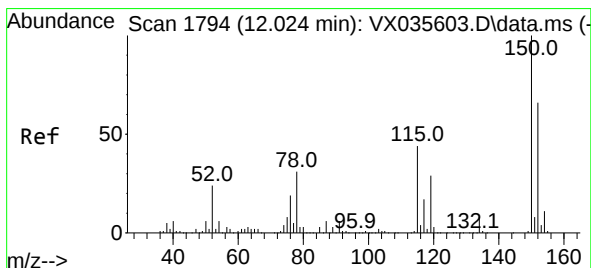
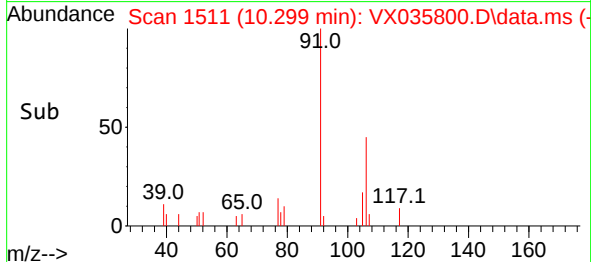
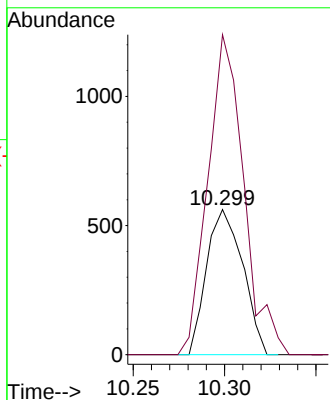
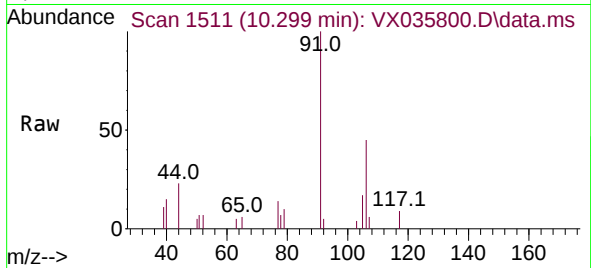




#68
m/p-Xylenes
Concen: 0.223 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

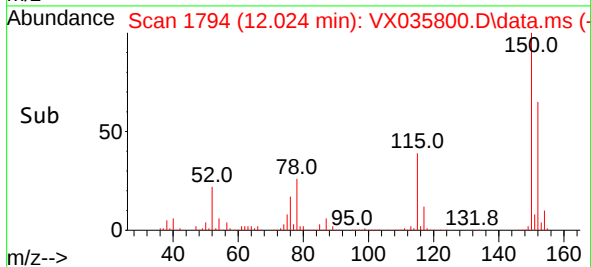
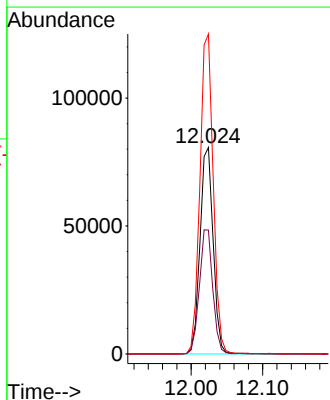
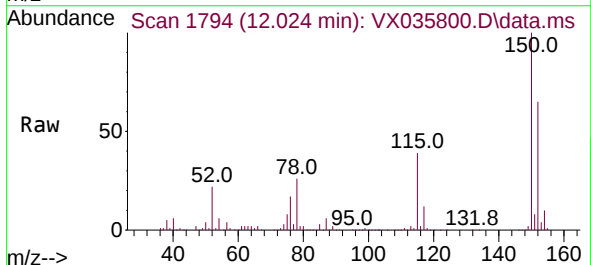
Instrument :
MSVOA_X
ClientSampleId :
A653

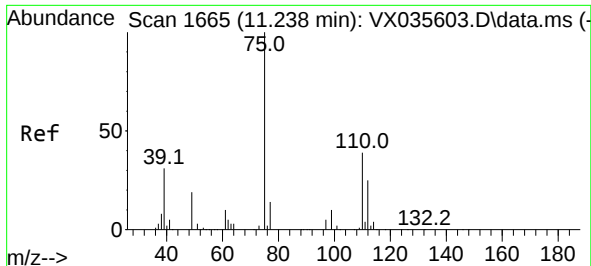
Tgt Ion:106 Resp: 774
Ion Ratio Lower Upper
106 100
91 219.3 164.0 246.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

Tgt Ion:152 Resp: 102907
Ion Ratio Lower Upper
152 100
115 61.6 45.0 135.0
150 156.6 0.0 352.4

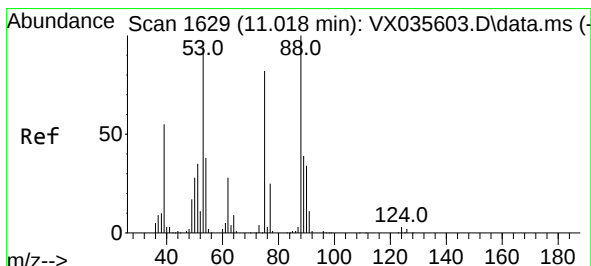
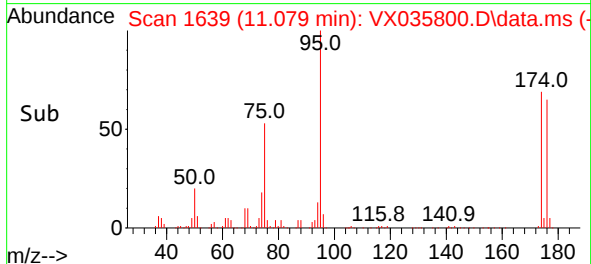
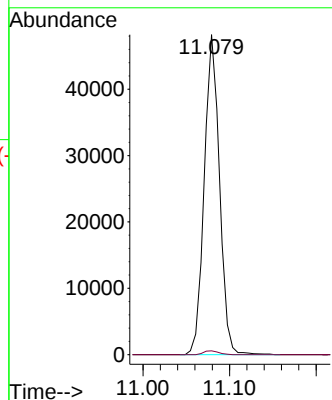
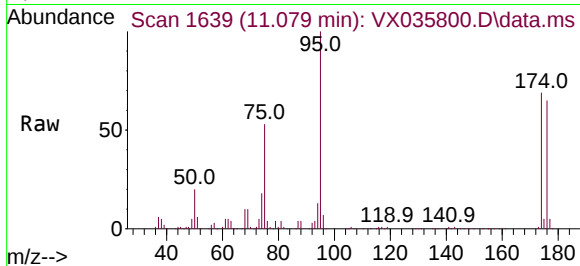




#76
1,2,3-Trichloropropane
Concen: 23.411 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

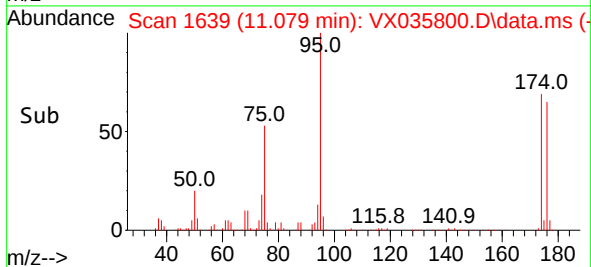
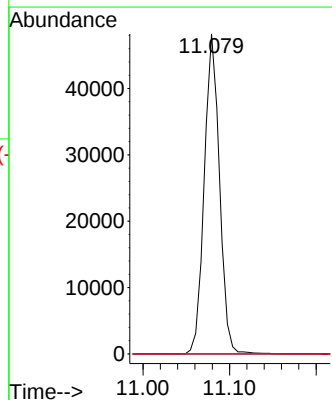
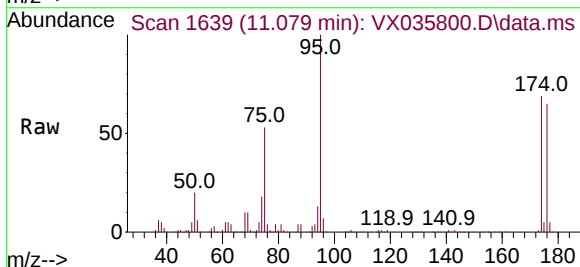
Instrument :
MSVOA_X
ClientSampleId :
A653

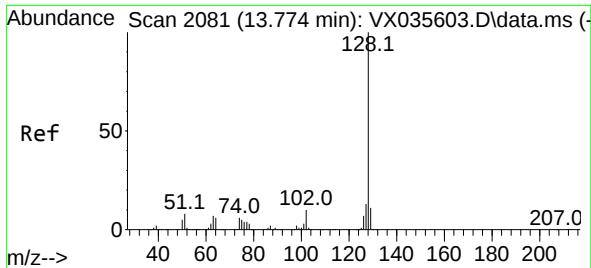
Tgt Ion: 75 Resp: 58929
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.451 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

Tgt Ion: 75 Resp: 58929
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.464 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035800.D
Acq: 22 May 2023 21:15

Instrument :
MSVOA_X
ClientSampleId :
A653

Tgt Ion:	128	Resp:	3506
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	10.8	8.6	13.0

