

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037342.D
 Acq On : 29 Aug 2023 15:15
 Operator : JC/MD
 Sample : 04208-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 30 02:07:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

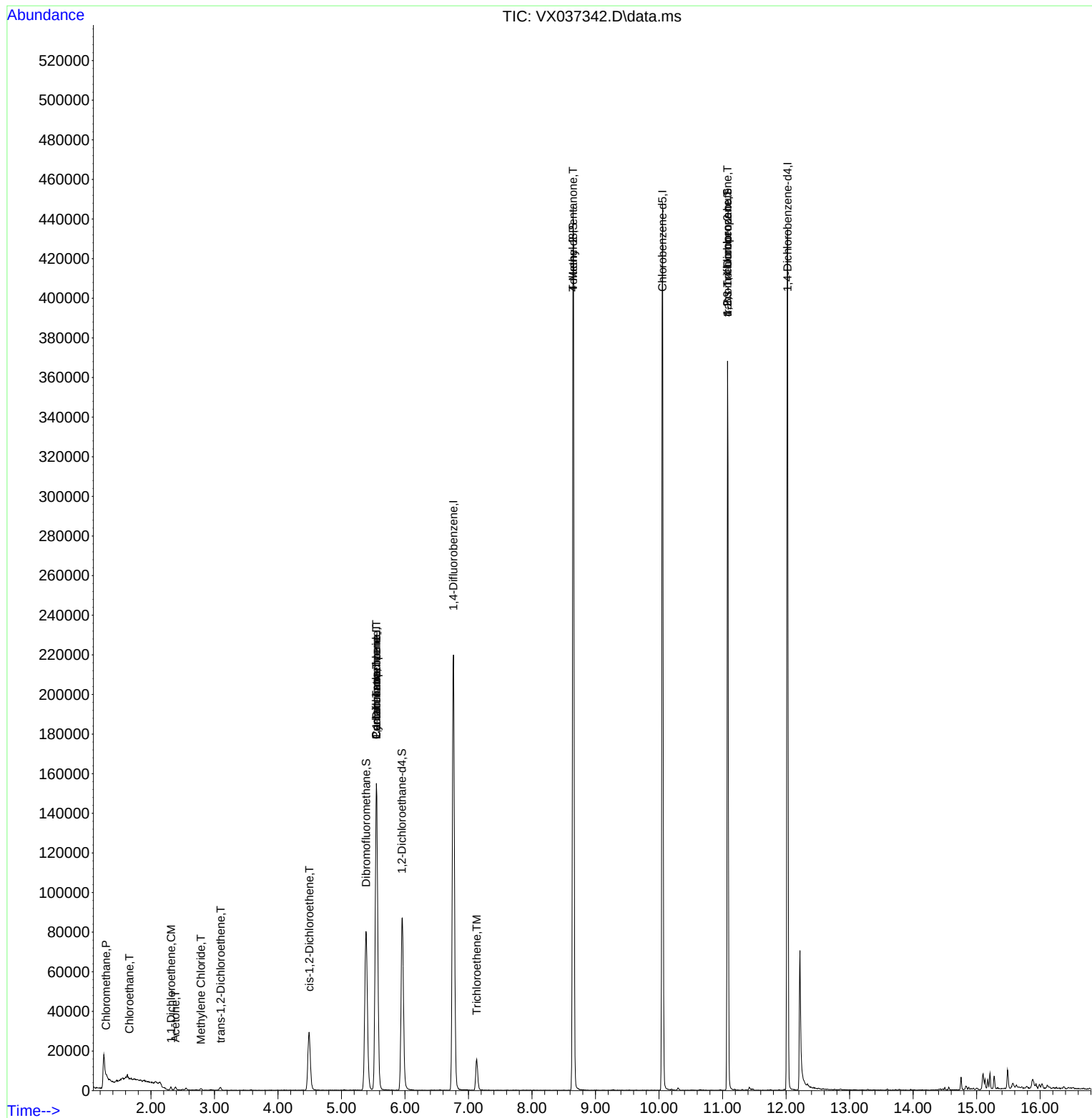
Internal Standards						
1) Pentafluorobenzene	5.550	168	144624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88273	42.337	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.680%
35) Dibromofluoromethane	5.385	113	72474	46.579	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	8.647	98	277033	49.084	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.160%
62) 4-Bromofluorobenzene	11.079	95	100872	45.479	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.960%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	340	0.231	ug/l #	43
6) Chloroethane	1.660	64	3534	3.754	ug/l #	51
12) 1,1-Dichloroethene	2.319	96	528	0.355	ug/l #	64
16) Acetone	2.386	43	1869	2.291	ug/l #	81
20) Methylene Chloride	2.788	84	452	0.248	ug/l #	67
21) trans-1,2-Dichloroethene	3.099	96	775	0.458	ug/l #	80
27) cis-1,2-Dichloroethene	4.495	96	19852	9.950	ug/l	79
31) Cyclohexane	5.550	56	2890	1.233	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10969	4.962	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15562	6.481	ug/l #	15
44) Trichloroethene	7.129	130	6596	3.669	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	1014	0.466	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50101	24.634	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50101	68.805	ug/l #	5

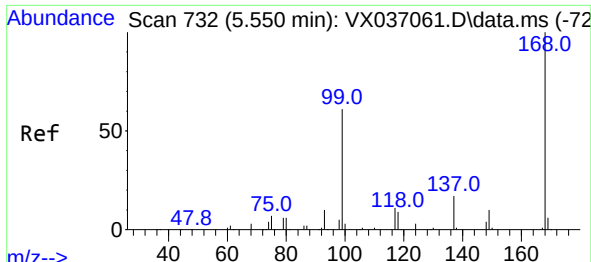
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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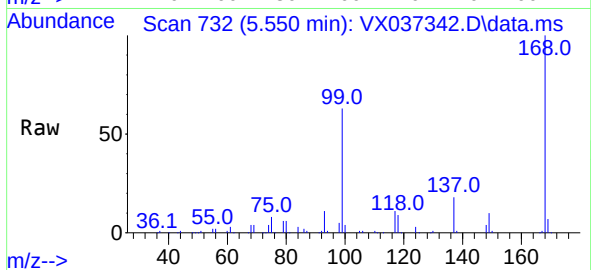
Quant Time: Aug 30 02:07:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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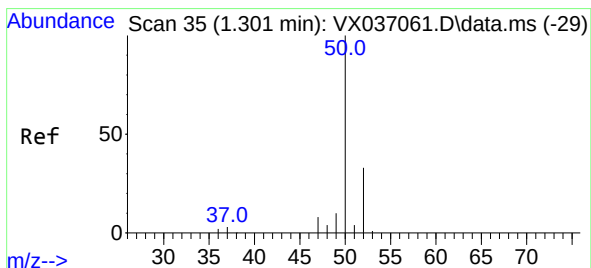
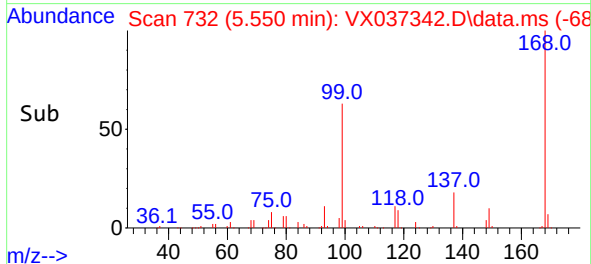
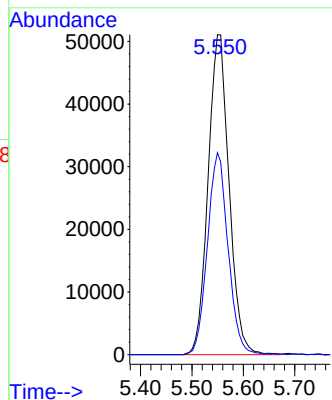


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

Instrument :
MSVOA_X
ClientSampleId :

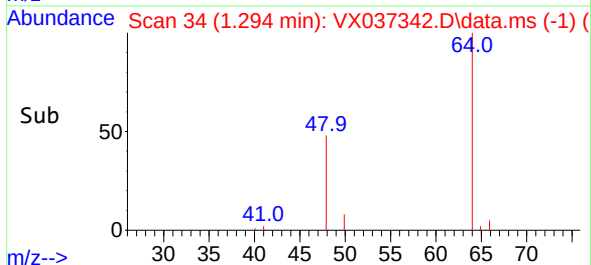
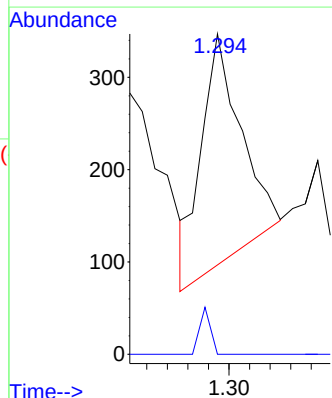
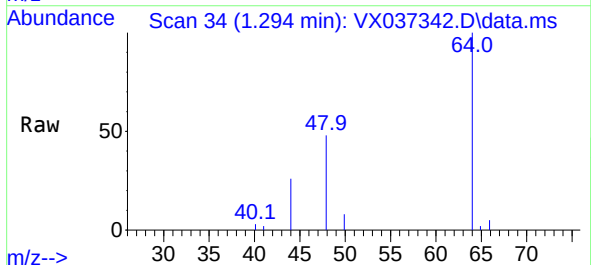


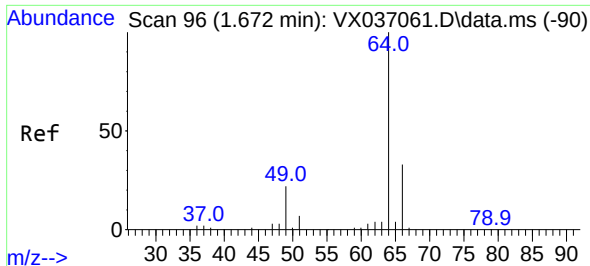
Tgt Ion:168 Resp: 144624
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#3
Chloromethane
Concen: 0.231 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

Tgt Ion: 50 Resp: 340
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

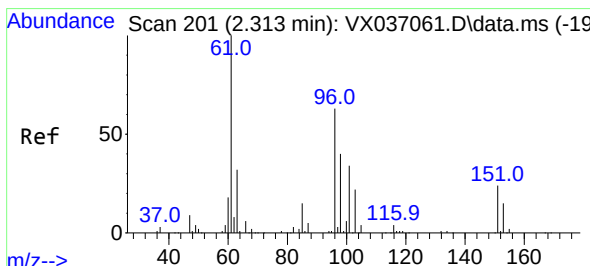
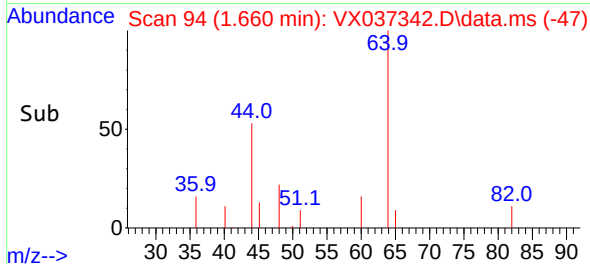
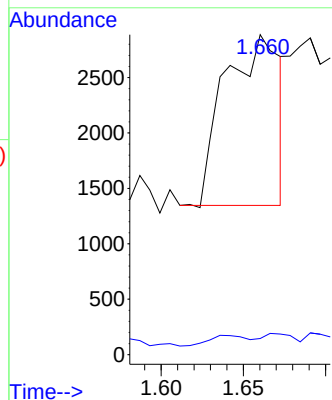
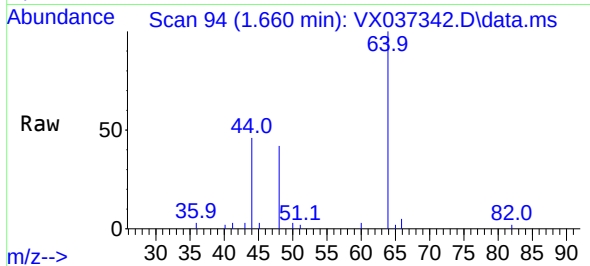




#6
Chloroethane
Concen: 3.754 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.012 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

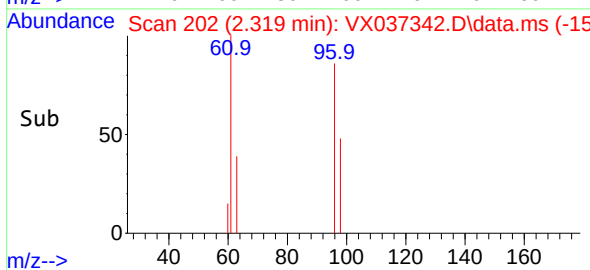
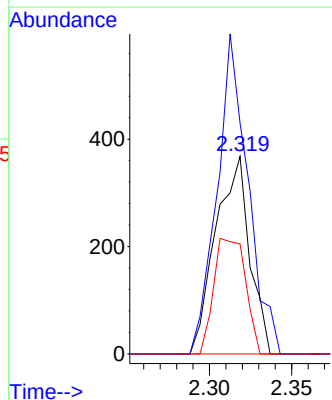
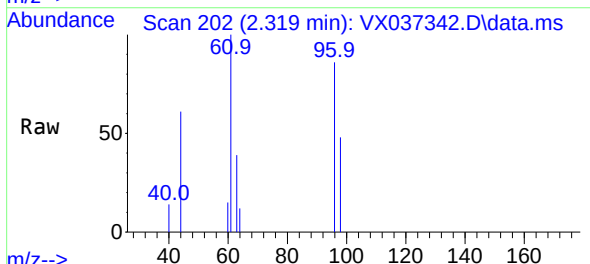
Instrument :
MSVOA_X
ClientSampleId :

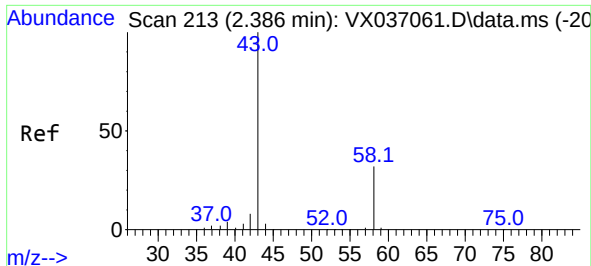
Tgt Ion: 64 Resp: 3534
Ion Ratio Lower Upper
64 100
66 4.4 25.1 37.7#



#12
1,1-Dichloroethene
Concen: 0.355 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

Tgt Ion: 96 Resp: 528
Ion Ratio Lower Upper
96 100
61 116.8 144.6 216.8#
98 55.7 50.4 75.6

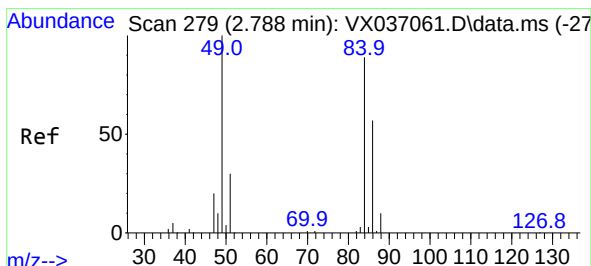
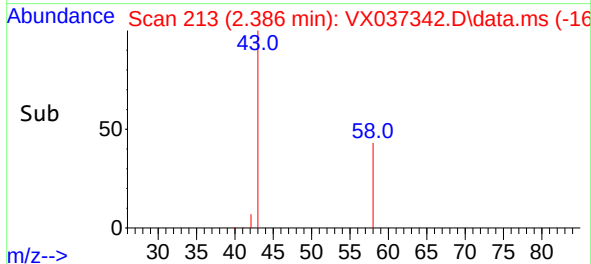
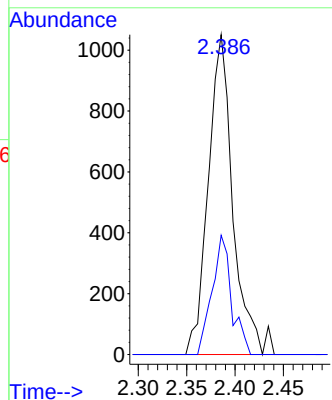
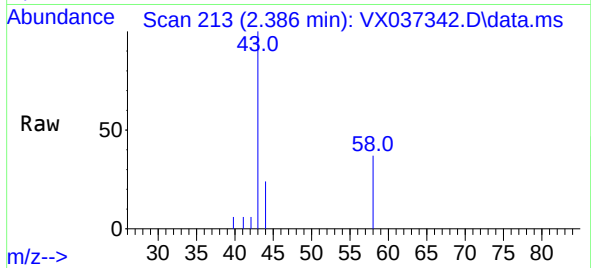




#16
Acetone
Concen: 2.291 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

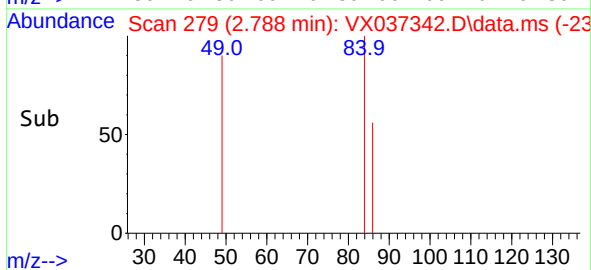
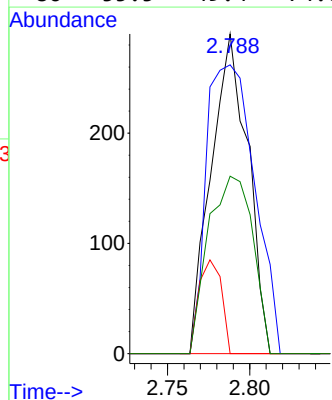
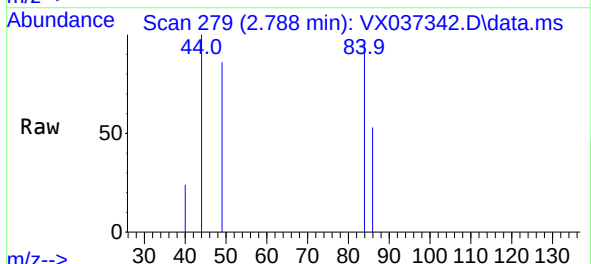
Instrument :
MSVOA_X
ClientSampleId :

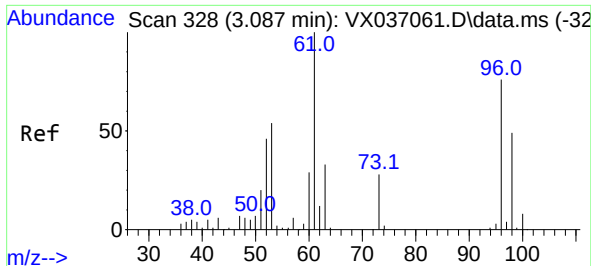
Tgt Ion: 43 Resp: 1869
Ion Ratio Lower Upper
43 100
58 37.3 21.9 32.9#



#20
Methylene Chloride
Concen: 0.248 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

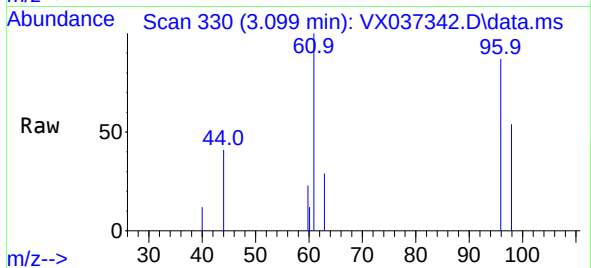
Tgt Ion: 84 Resp: 452
Ion Ratio Lower Upper
84 100
49 90.3 103.6 155.4#
51 0.0 33.8 50.6#
86 55.5 49.4 74.0



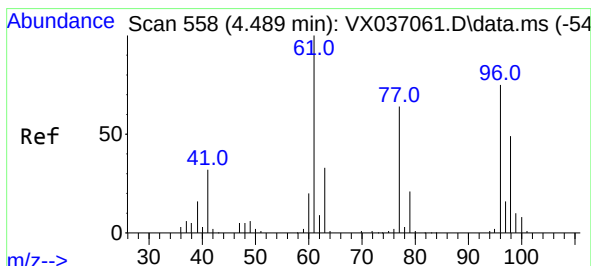
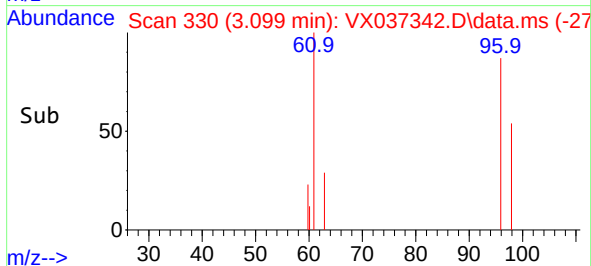
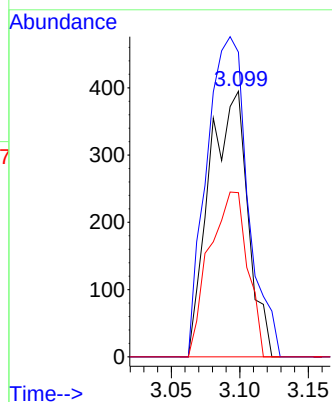


#21
trans-1,2-Dichloroethene
Concen: 0.458 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

Instrument :
MSVOA_X
ClientSampleId :

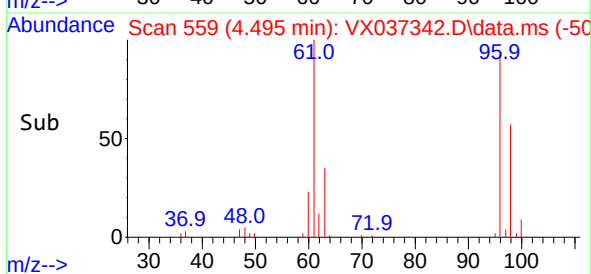
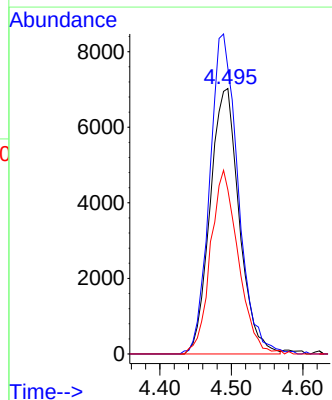
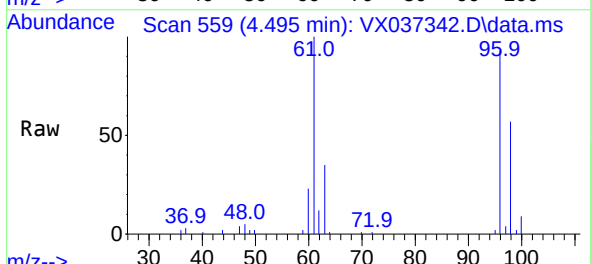


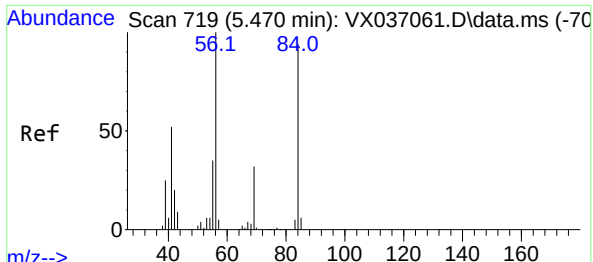
Tgt Ion: 96 Resp: 775
Ion Ratio Lower Upper
96 100
61 114.7 119.2 178.8#
98 61.8 48.7 73.1



#27
cis-1,2-Dichloroethene
Concen: 9.950 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

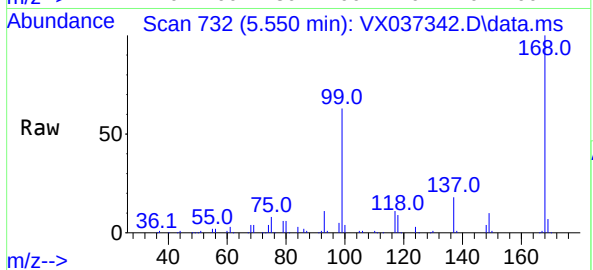
Tgt Ion: 96 Resp: 19852
Ion Ratio Lower Upper
96 100
61 117.7 0.0 312.2
98 66.0 0.0 129.0



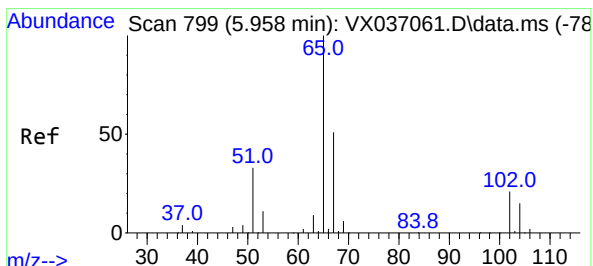
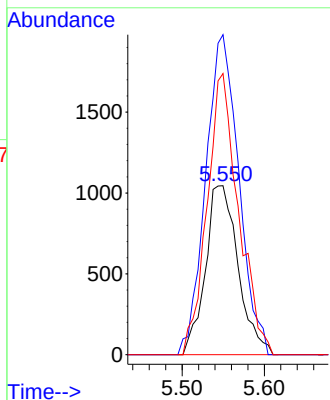
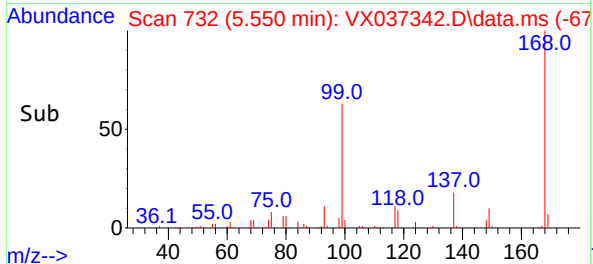


#31
Cyclohexane
Concen: 1.233 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

Instrument :
MSVOA_X
ClientSampleId :

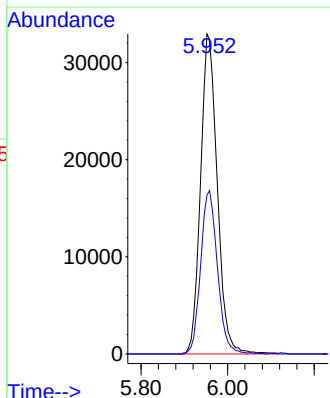
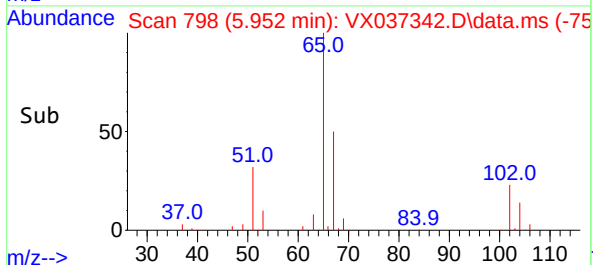
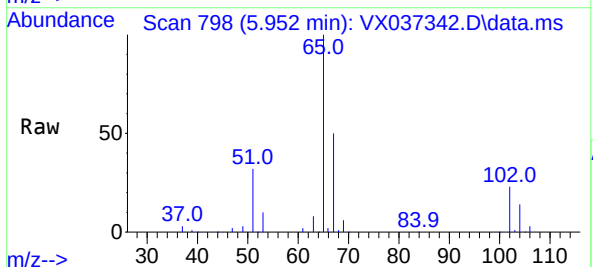


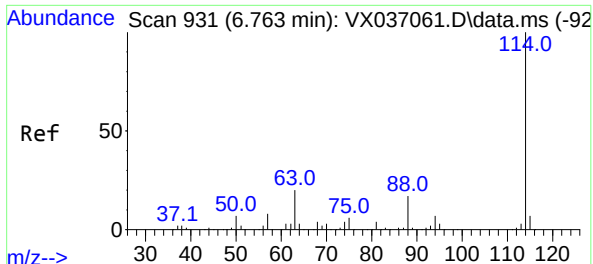
Tgt Ion: 56 Resp: 2890
Ion Ratio Lower Upper
56 100
69 189.4 23.4 35.2#
84 166.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.337 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

Tgt Ion: 65 Resp: 88273
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

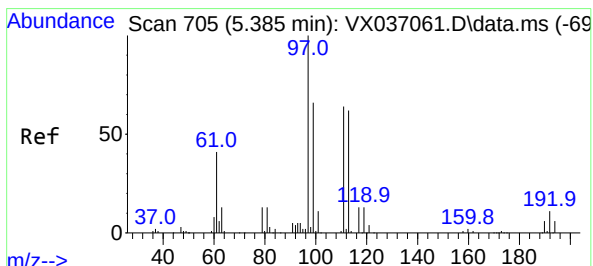
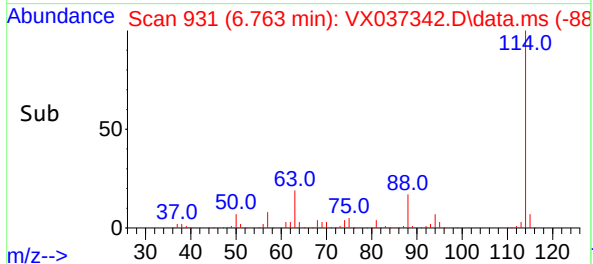
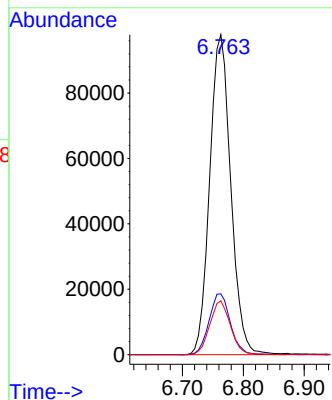
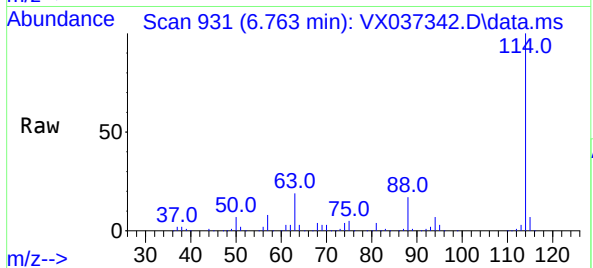




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

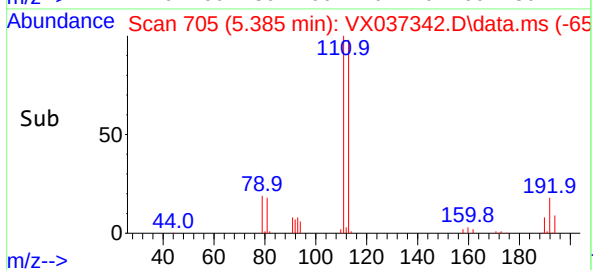
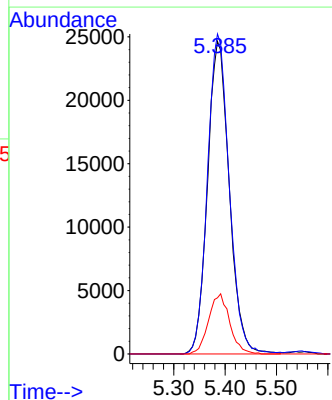
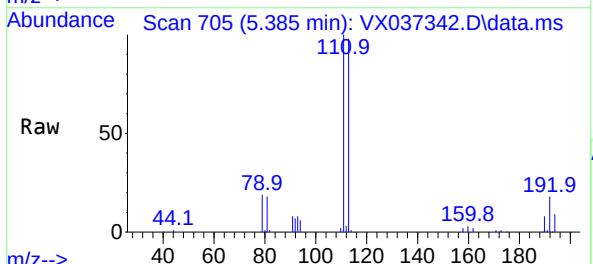
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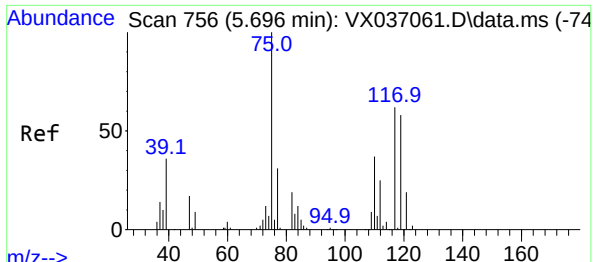
Tgt Ion:114 Resp: 234939
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.579 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

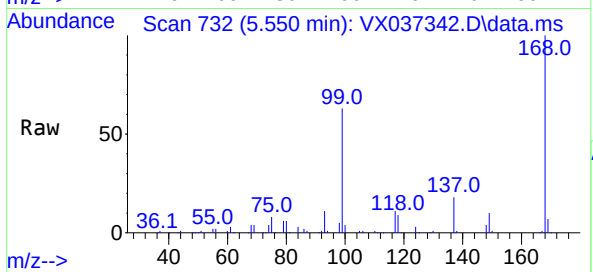
Tgt Ion:113 Resp: 72474
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.7 13.3 19.9



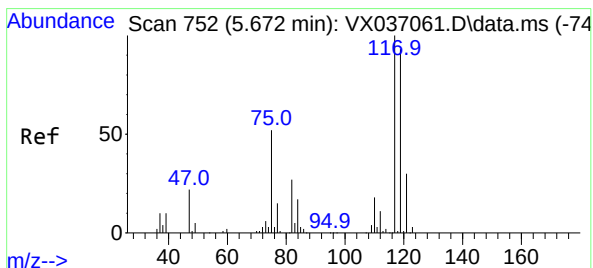
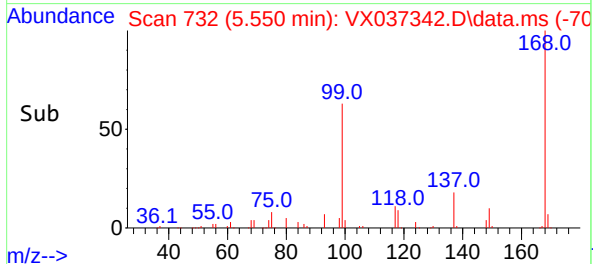
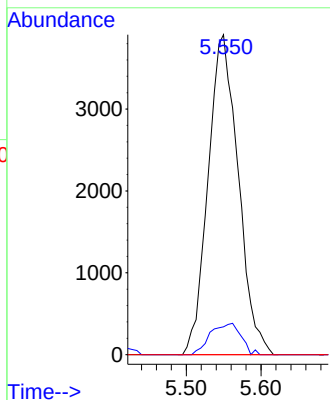


#36
1,1-Dichloropropene
Concen: 4.962 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

Instrument :
MSVOA_X
ClientSampleId :

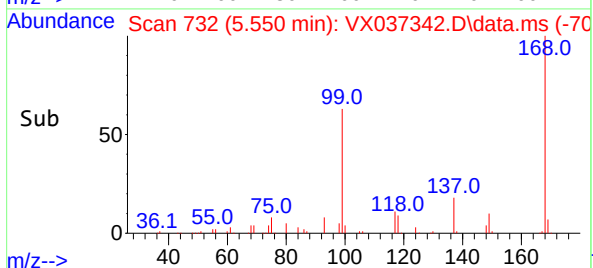
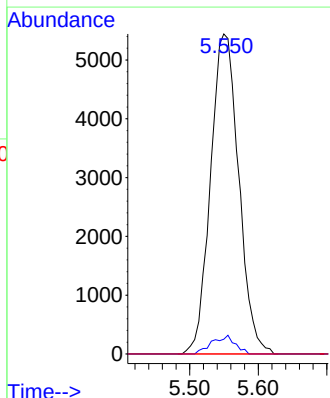
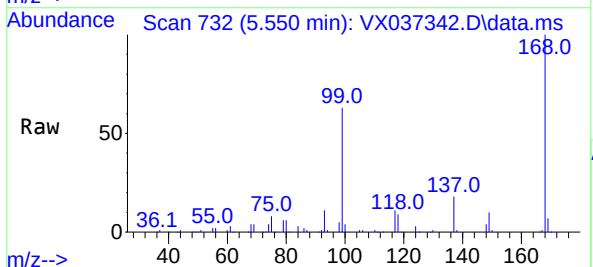


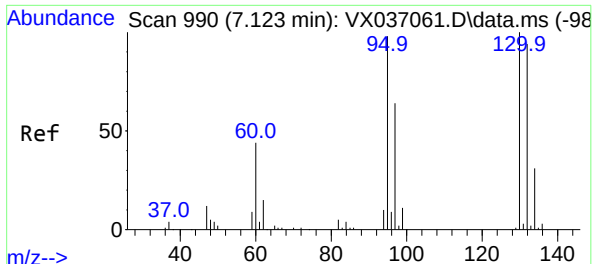
Tgt Ion: 75 Resp: 10969
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.481 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

Tgt Ion: 117 Resp: 15562
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

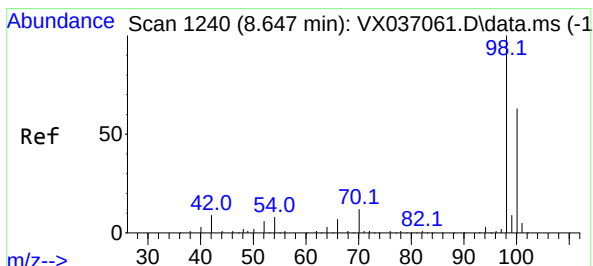
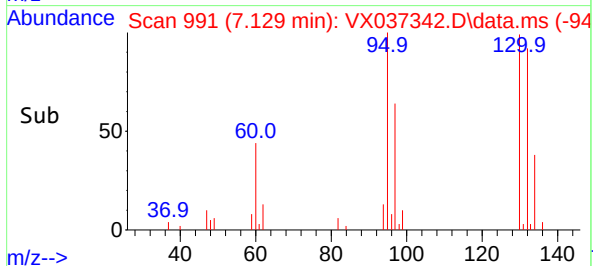
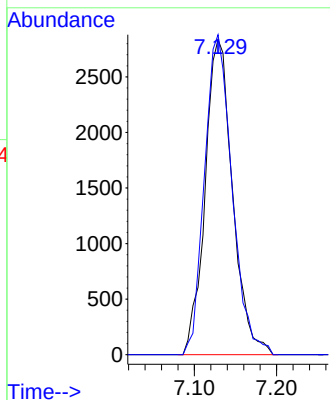
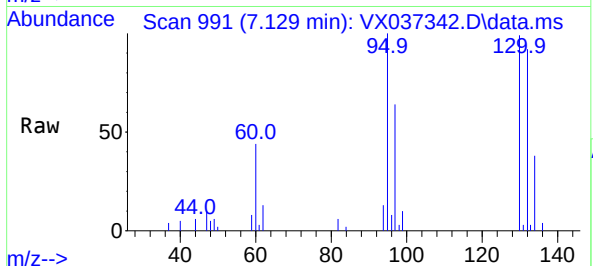




#44
 Trichloroethene
 Concen: 3.669 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX037342.D
 Acq: 29 Aug 2023 15:15

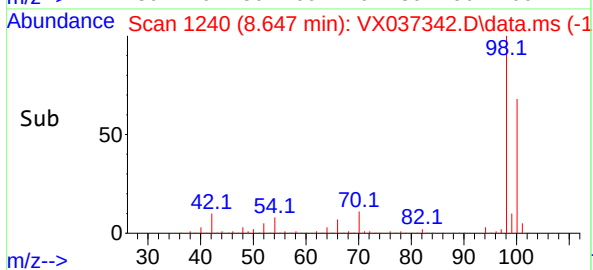
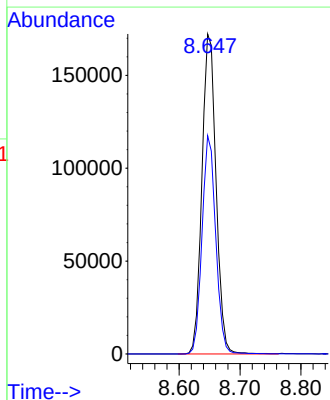
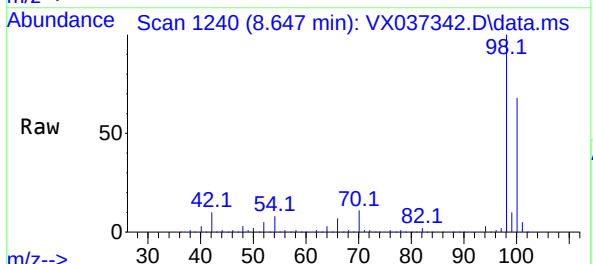
Instrument :
 MSVOA_X
 ClientSampleId :

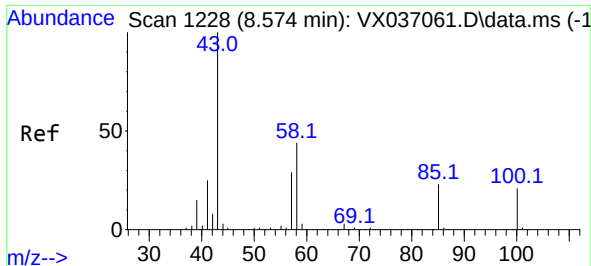
Tgt Ion:130 Resp: 6596
 Ion Ratio Lower Upper
 130 100
 95 101.5 0.0 204.4



#50
 Toluene-d8
 Concen: 49.084 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX037342.D
 Acq: 29 Aug 2023 15:15

Tgt Ion: 98 Resp: 277033
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.1 79.7

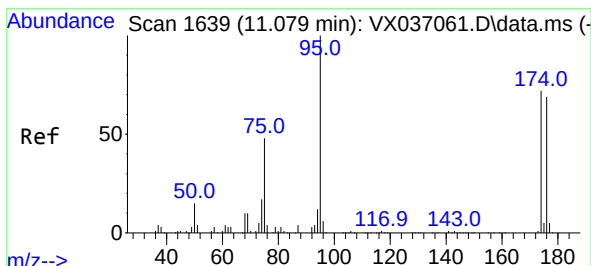
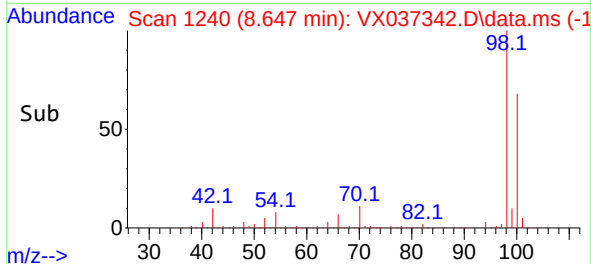
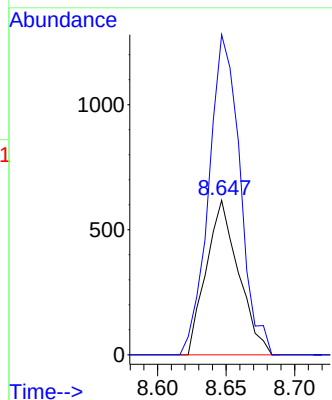
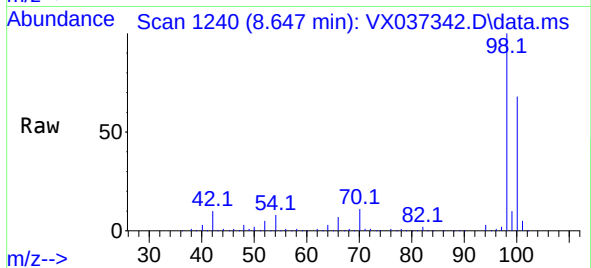




#51
4-Methyl-2-Pentanone
Concen: 0.466 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

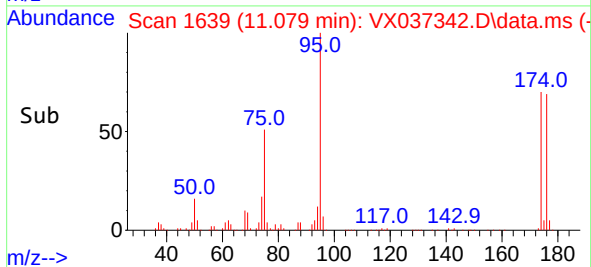
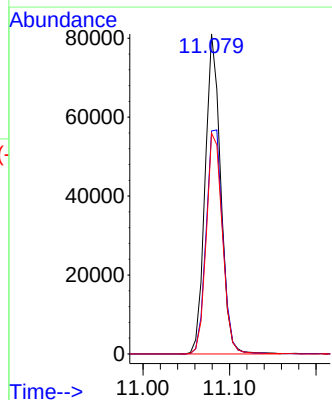
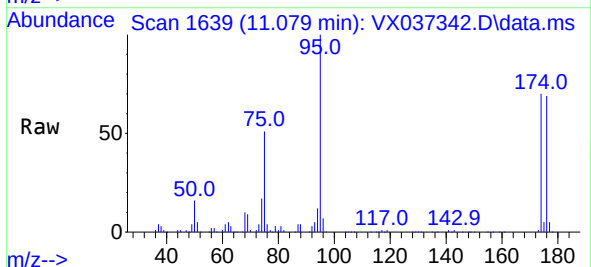
Instrument :
MSVOA_X
ClientSampleId :

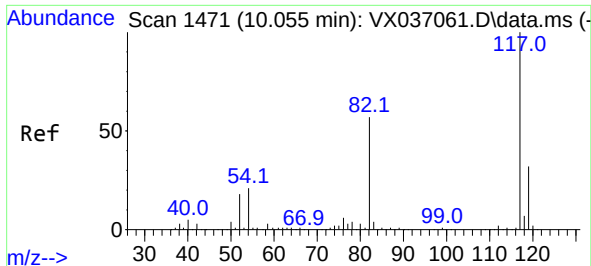
Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 200.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.479 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

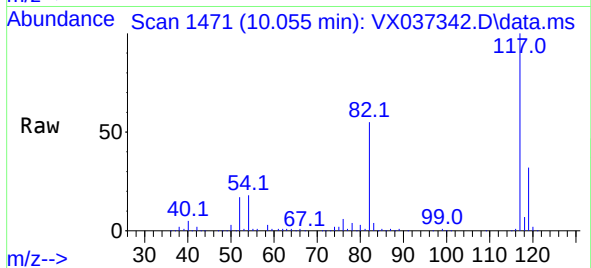
Tgt Ion: 95 Resp: 100872
Ion Ratio Lower Upper
95 100
174 75.3 0.0 135.6
176 71.8 0.0 131.0



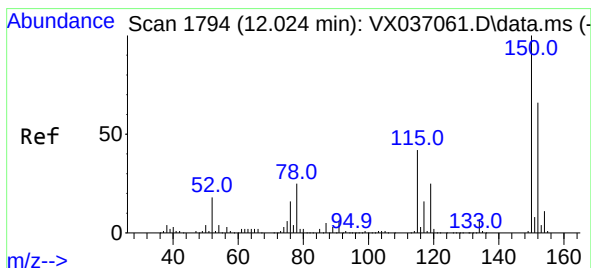
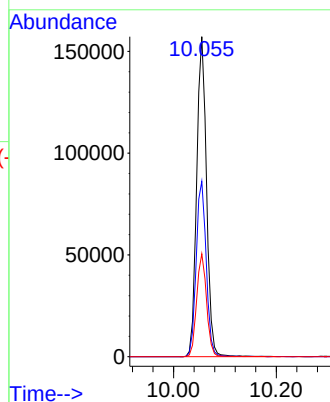
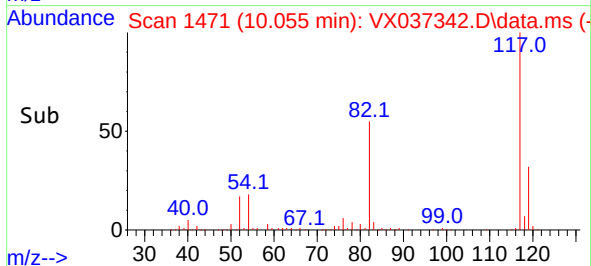


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

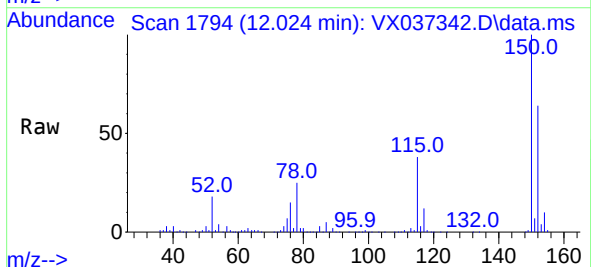
Instrument :
MSVOA_X
ClientSampleId :



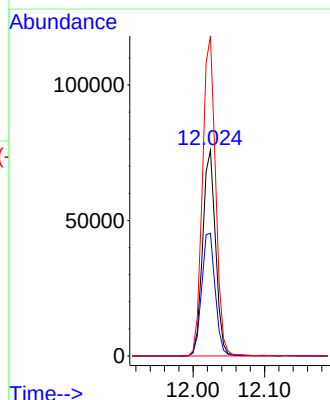
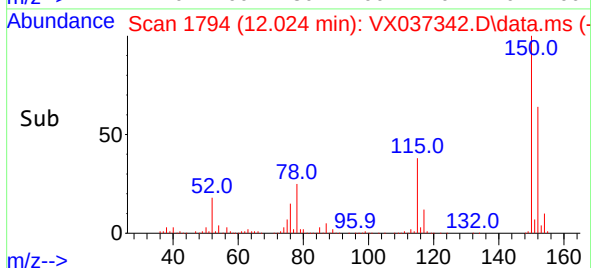
Tgt Ion:117 Resp: 209731
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.2 25.5 38.3

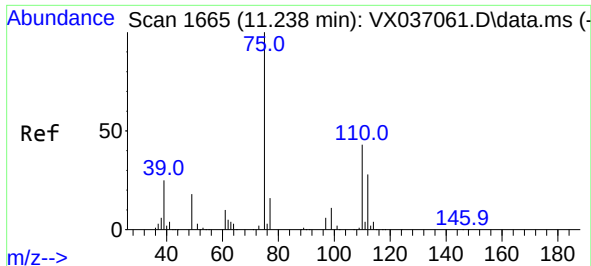


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15



Tgt Ion:152 Resp: 95498
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 157.9 0.0 345.0

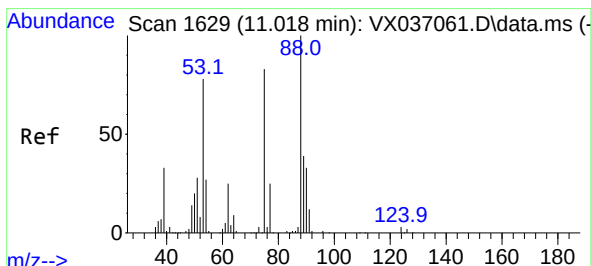
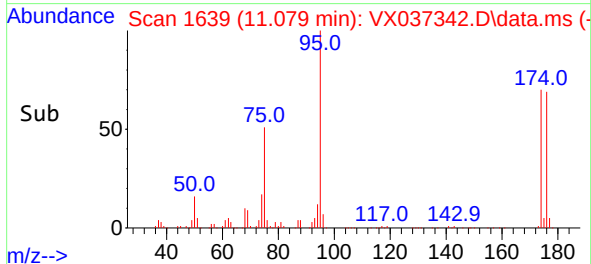
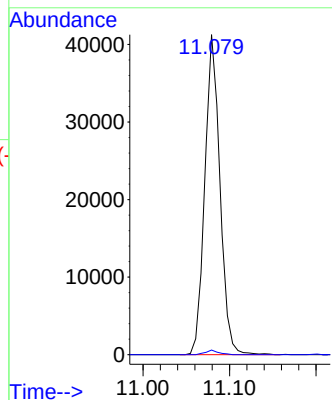
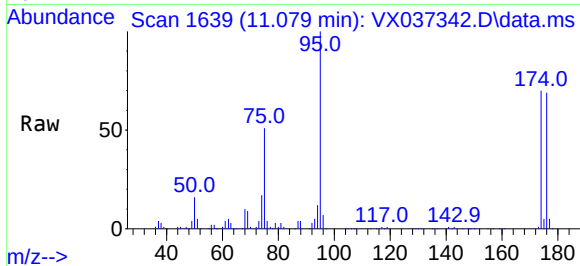




#76
1,2,3-Trichloropropane
Concen: 24.634 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 50101
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.805 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037342.D
Acq: 29 Aug 2023 15:15

Tgt Ion: 75 Resp: 50101
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

