

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037242.D
 Acq On : 25 Aug 2023 02:47
 Operator : JC/MD
 Sample : 04077-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 25 06:32:06 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	5.556	168	150600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	247598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101344	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95047	43.777	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.560%
35) Dibromofluoromethane	5.385	113	76608	46.718	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.440%
50) Toluene-d8	8.647	98	290597	48.855	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.720%
62) 4-Bromofluorobenzene	11.079	95	108681	46.494	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.980%

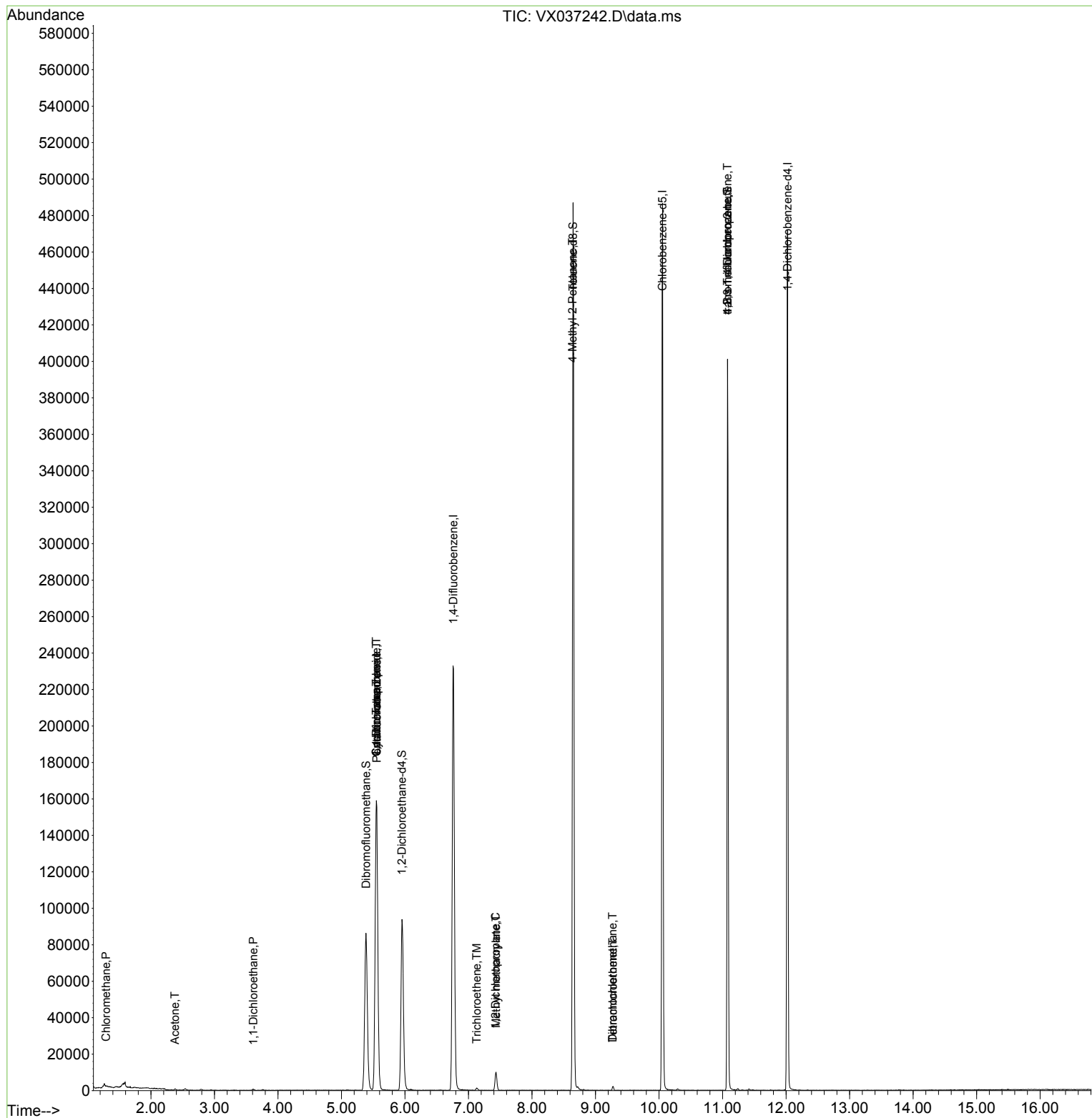
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.294	50	351	0.229	ug/l #	43
16) Acetone	2.379	43	571	0.672	ug/l #	87
24) 1,1-Dichloroethane	3.611	63	784	0.254	ug/l #	83
31) Cyclohexane	5.550	56	2946	1.207	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11684	5.015	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15994	6.320	ug/l #	14
44) Trichloroethene	7.128	130	485	0.256	ug/l	98
45) 1,2-Dichloropropane	7.427	63	4163	2.527	ug/l	96
48) Methyl methacrylate	7.433	41	2168	1.177	ug/l #	43
51) 4-Methyl-2-Pentanone	8.640	43	1069	0.466	ug/l #	1
60) Dibromochloromethane	9.268	129	504	0.263	ug/l #	11
64) Tetrachloroethene	9.274	164	418	0.258	ug/l #	77
76) 1,2,3-Trichloropropane	11.079	75	55173	25.563	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	55173	71.399	ug/l #	5

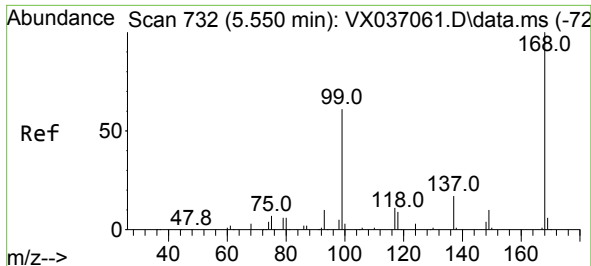
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
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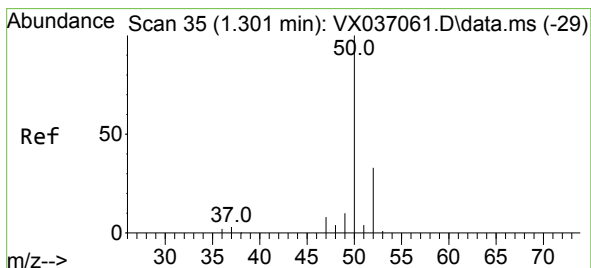
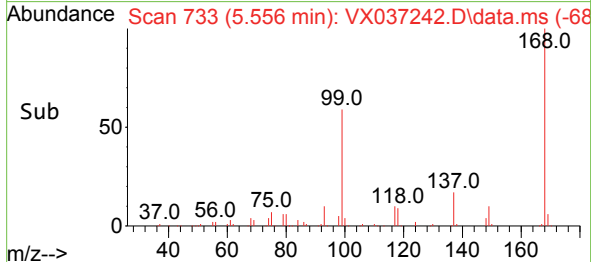
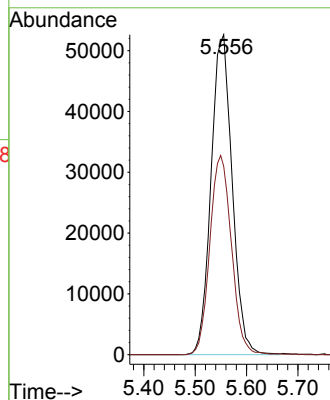
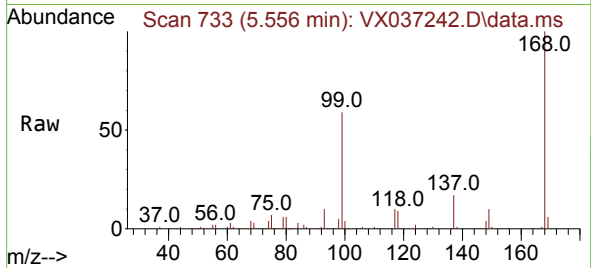




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

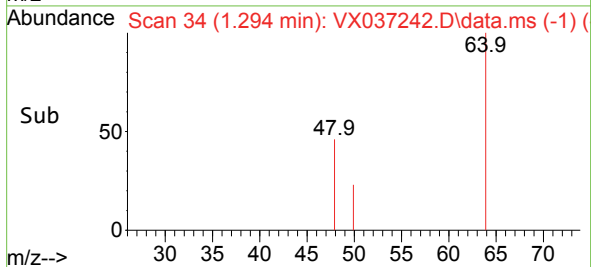
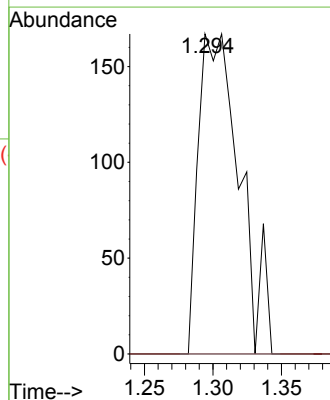
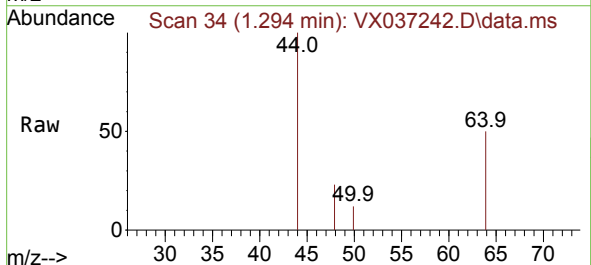
Instrument :
MSVOA_X
ClientSampleId :

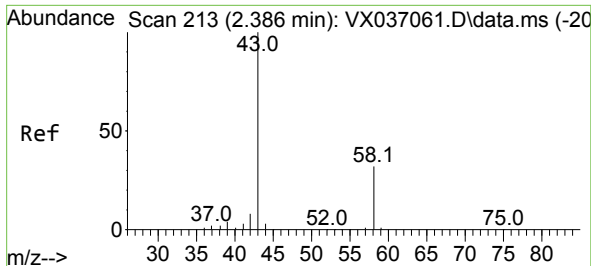
Tgt Ion:168 Resp: 150600
Ion Ratio Lower Upper
168 100
99 58.9 56.6 85.0



#3
Chloromethane
Concen: 0.229 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

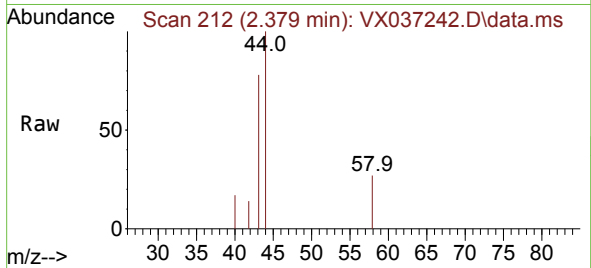
Tgt Ion: 50 Resp: 351
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



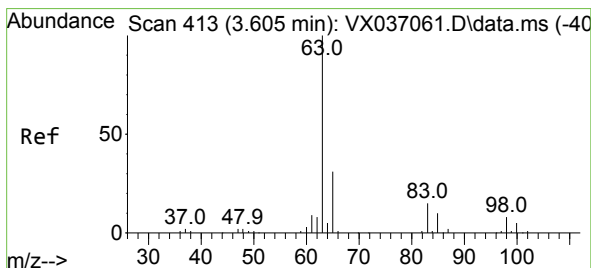
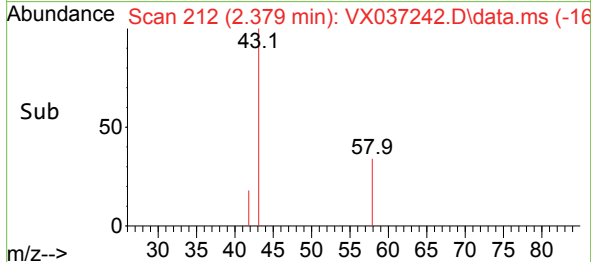
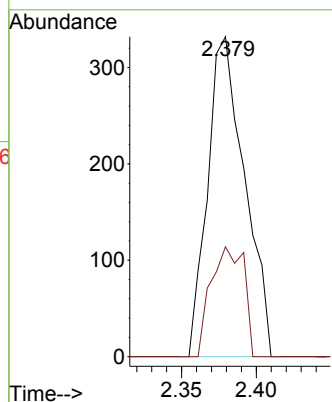


#16
Acetone
Concen: 0.672 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

Instrument :
MSVOA_X
ClientSampleId :

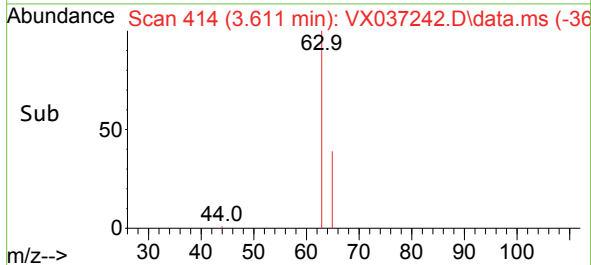
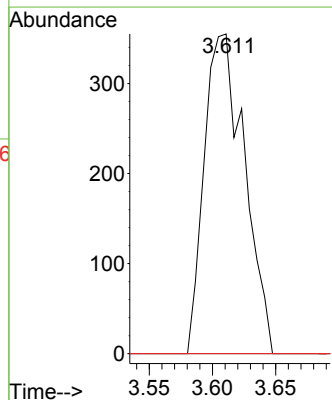
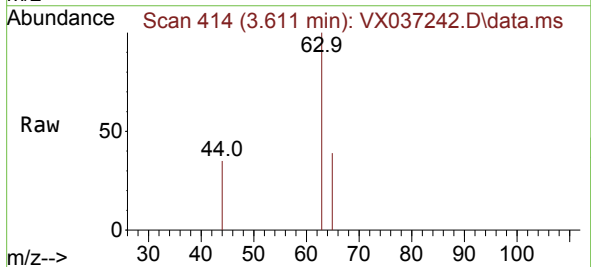


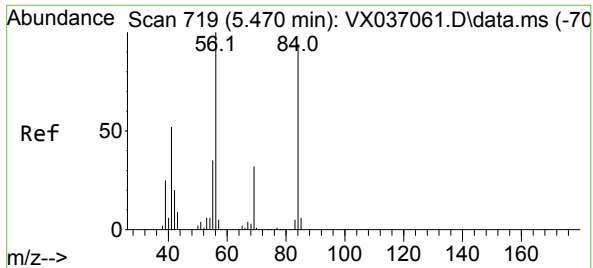
Tgt Ion: 43 Resp: 571
Ion Ratio Lower Upper
43 100
58 34.3 21.9 32.9#



#24
1,1-Dichloroethane
Concen: 0.254 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

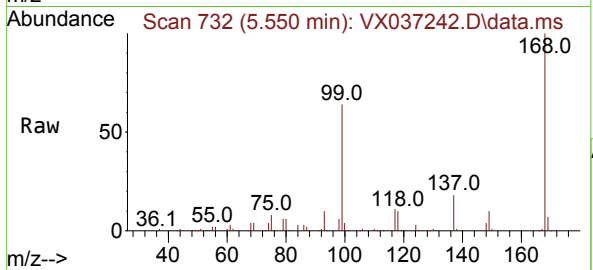
Tgt Ion: 63 Resp: 784
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#



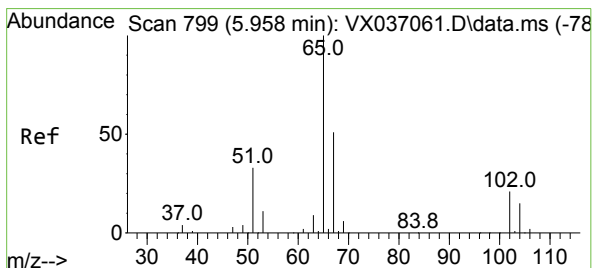
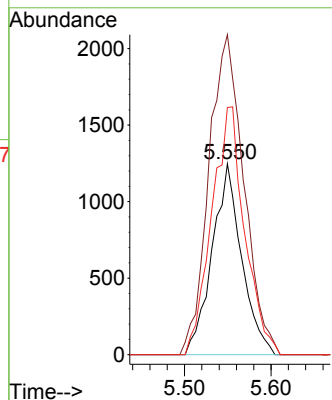
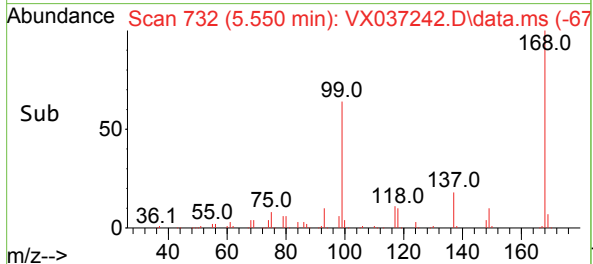


#31
Cyclohexane
Concen: 1.207 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

Instrument :
MSVOA_X
ClientSampleId :

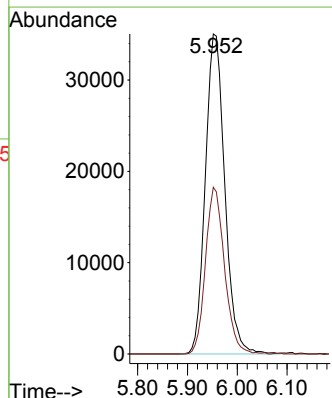
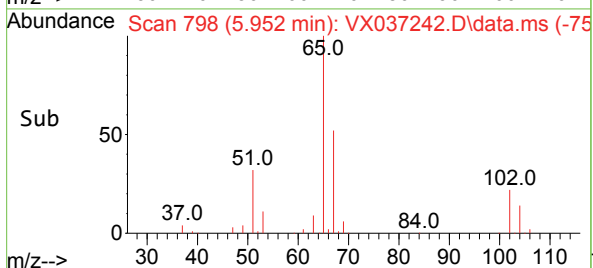
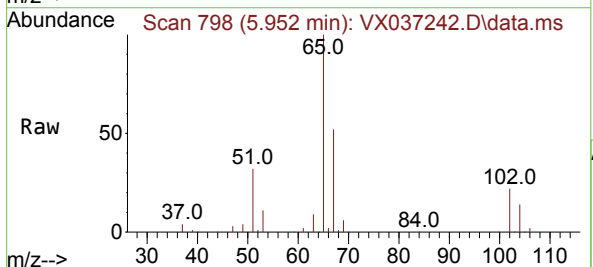


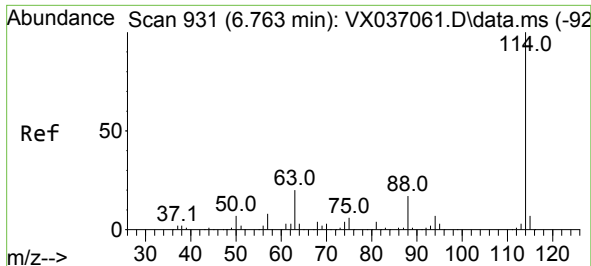
Tgt Ion: 56 Resp: 2946
Ion Ratio Lower Upper
56 100
69 167.7 23.4 35.2#
84 129.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.777 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

Tgt Ion: 65 Resp: 95047
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

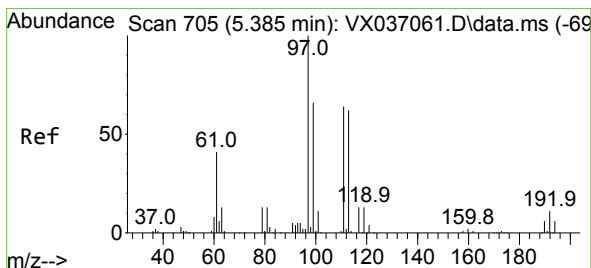
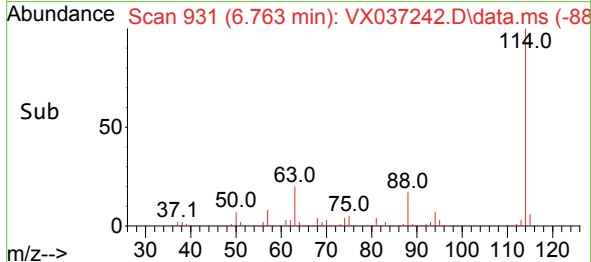
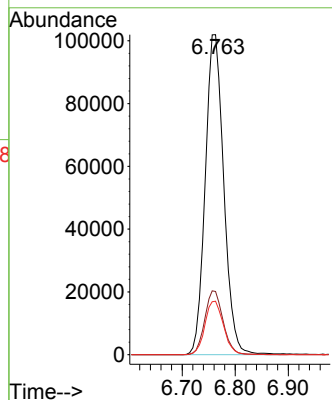
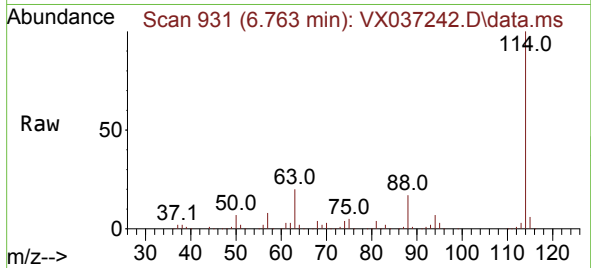




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

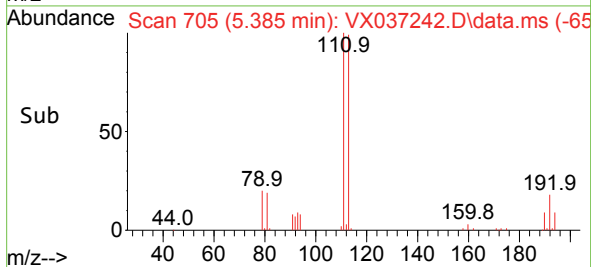
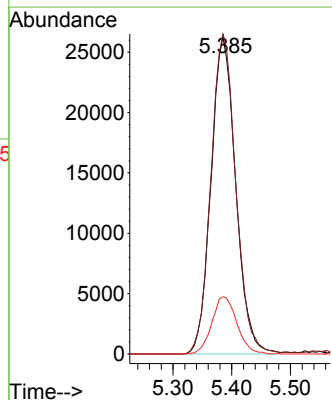
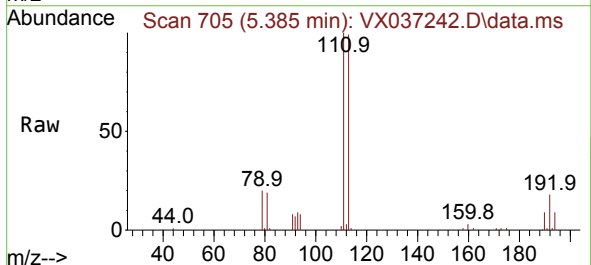
Instrument :
MSVOA_X
ClientSampleId :

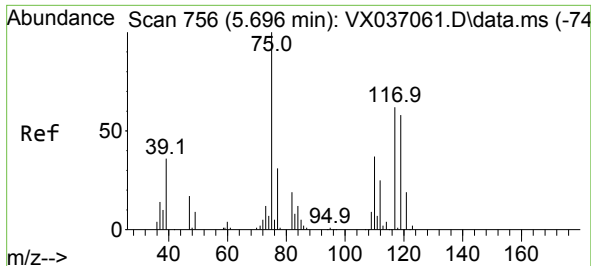
Tgt Ion:114 Resp: 247598
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.718 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

Tgt Ion:113 Resp: 76608
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.3 13.3 19.9

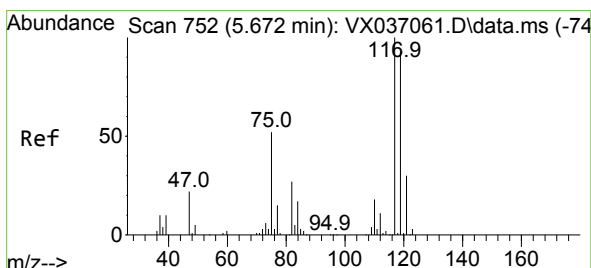
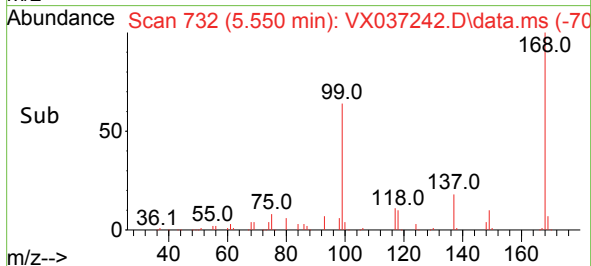
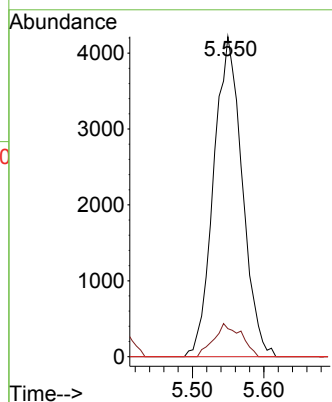
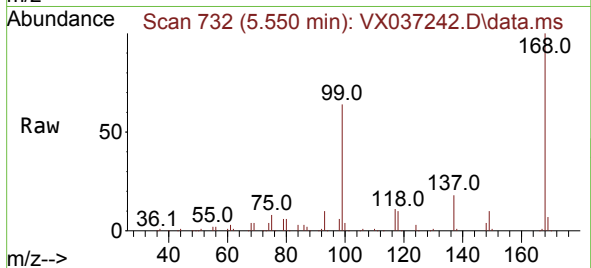




#36
1,1-Dichloropropene
Concen: 5.015 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.147 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

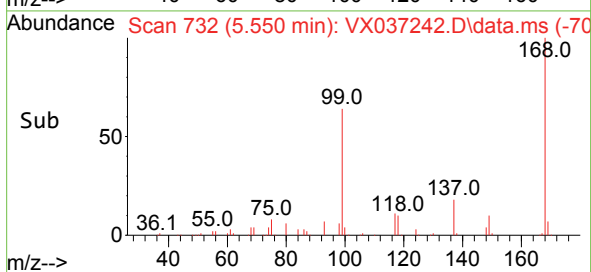
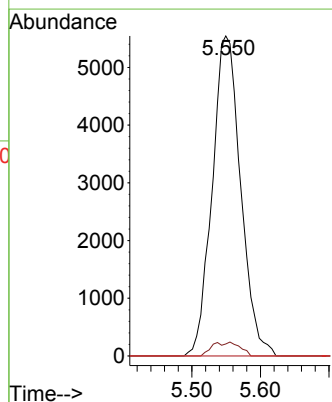
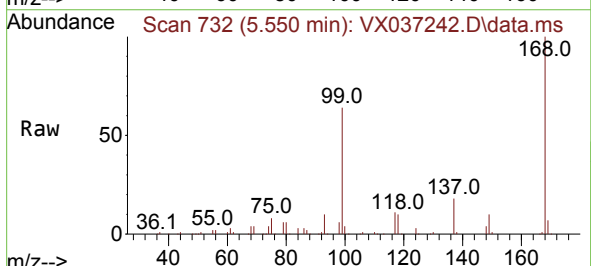
Instrument :
MSVOA_X
ClientSampleId :

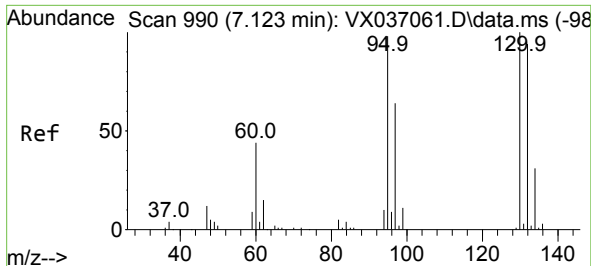
Tgt Ion: 75 Resp: 11684
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.320 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

Tgt Ion: 117 Resp: 15994
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#

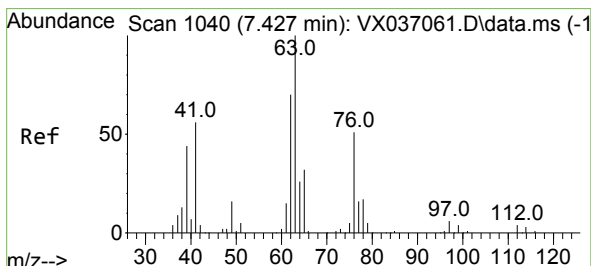
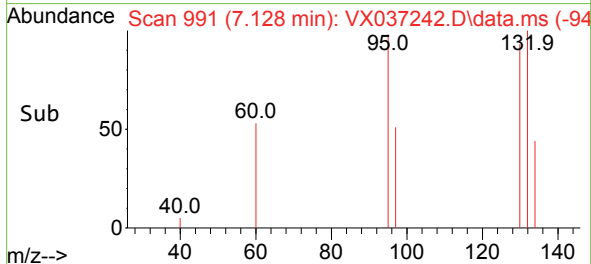
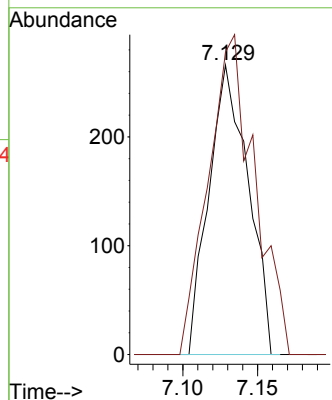
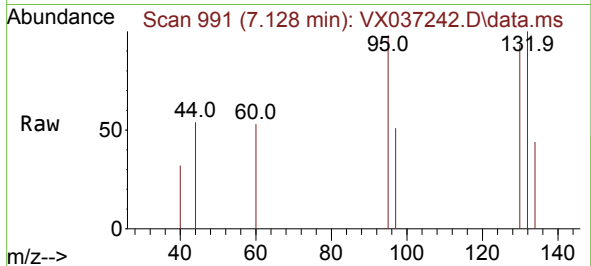




#44
Trichloroethene
Concen: 0.256 ug/l
RT: 7.128 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

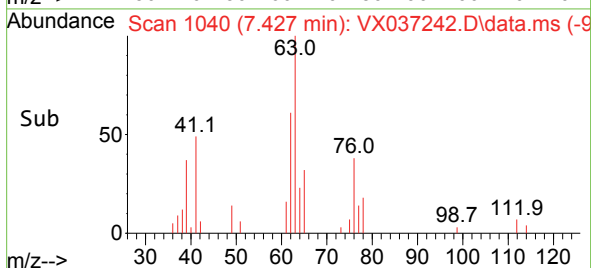
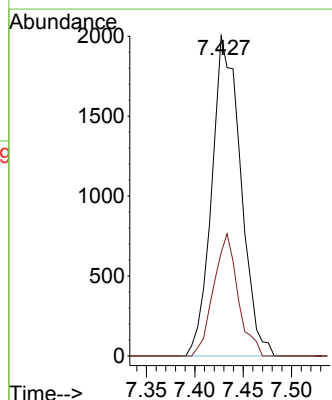
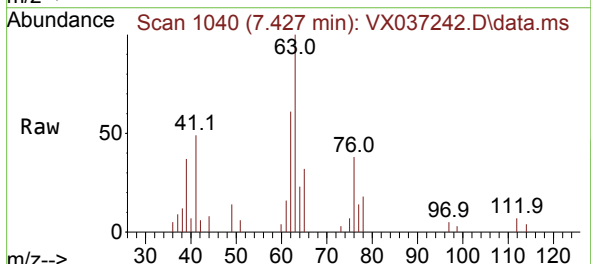
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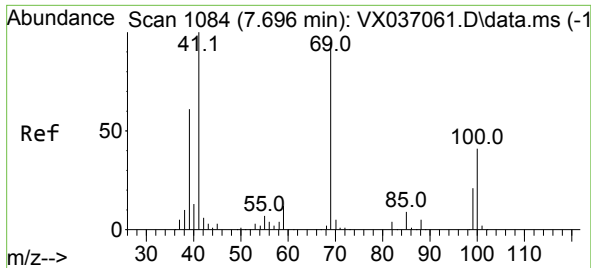
Tgt Ion:130 Resp: 485
Ion Ratio Lower Upper
130 100
95 104.5 0.0 204.4



#45
1,2-Dichloropropane
Concen: 2.527 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

Tgt Ion: 63 Resp: 4163
Ion Ratio Lower Upper
63 100
65 32.3 24.3 36.5

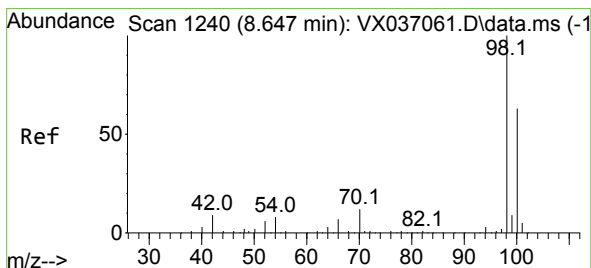
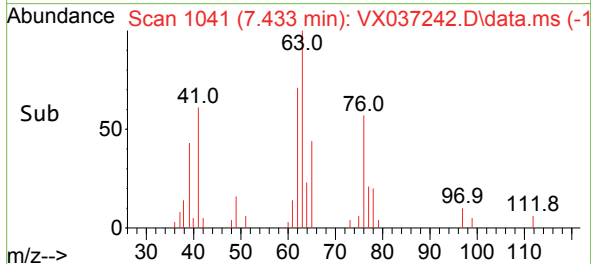
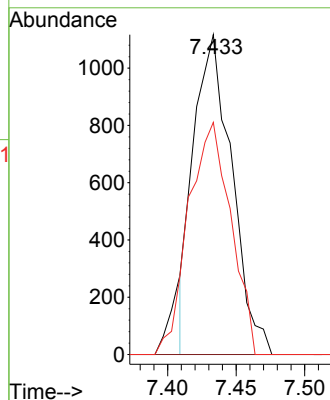
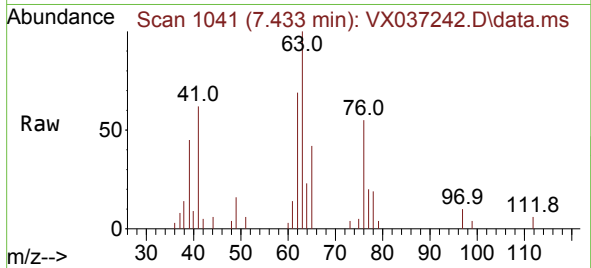




#48
Methyl methacrylate
Concen: 1.177 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.262 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

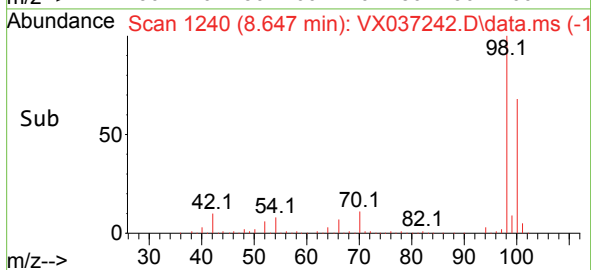
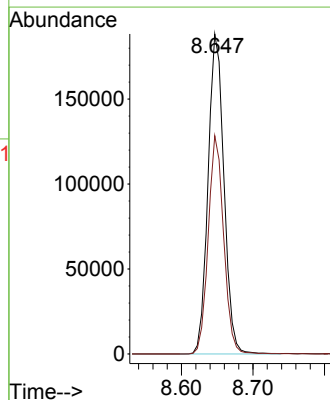
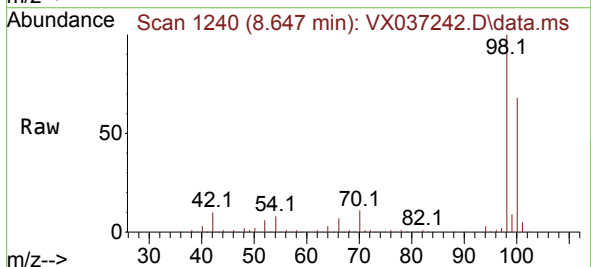
Instrument :
MSVOA_X
ClientSampleId :

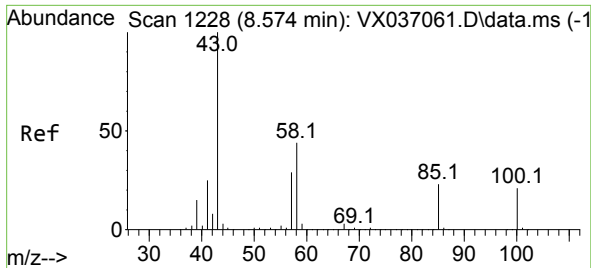
Tgt Ion: 41 Resp: 2168
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 73.5 47.7 71.5#



#50
Toluene-d8
Concen: 48.855 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

Tgt Ion: 98 Resp: 290597
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

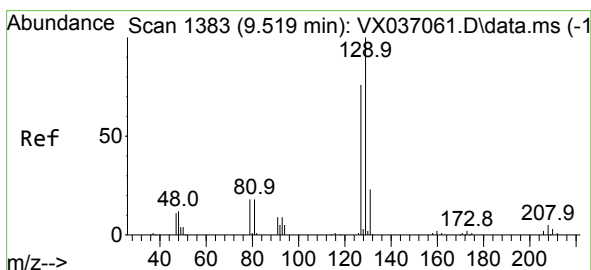
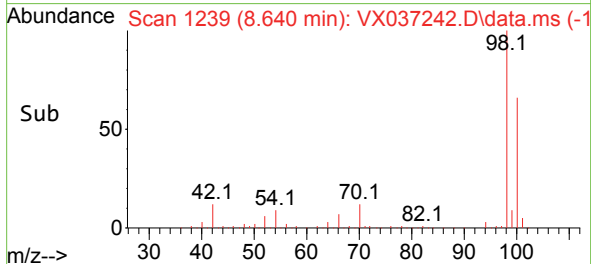
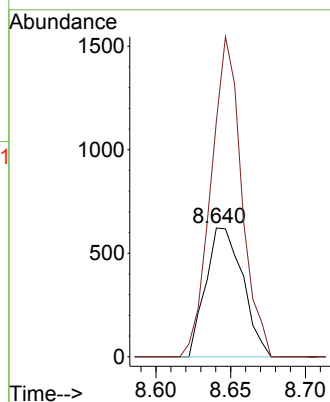
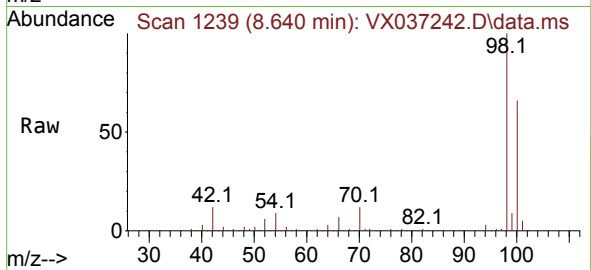




#51
4-Methyl-2-Pentanone
Concen: 0.466 ug/l
RT: 8.640 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

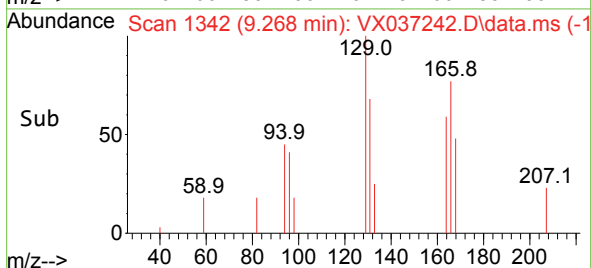
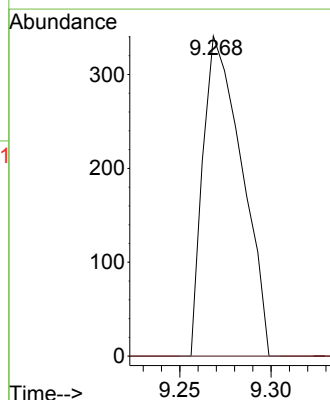
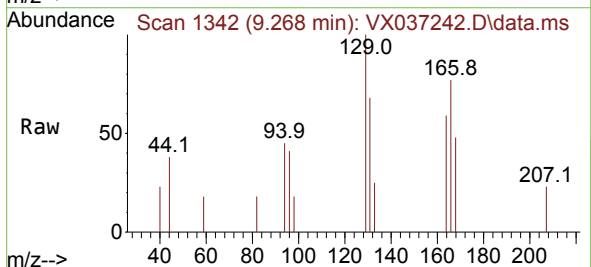
Instrument :
MSVOA_X
ClientSampleId :

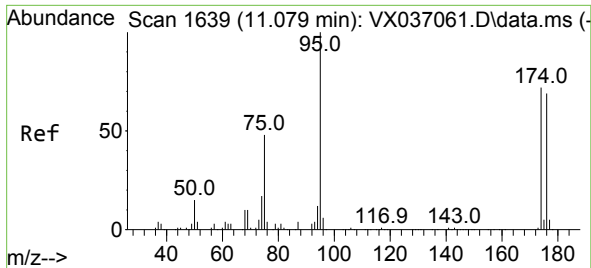
Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
58 206.5 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.263 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

Tgt Ion: 129 Resp: 504
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

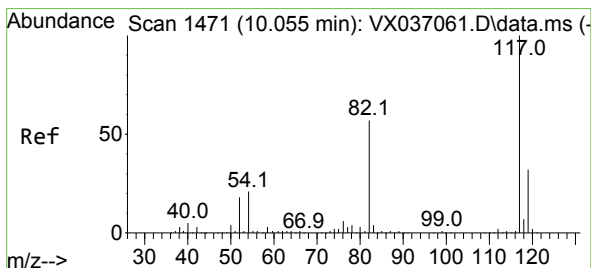
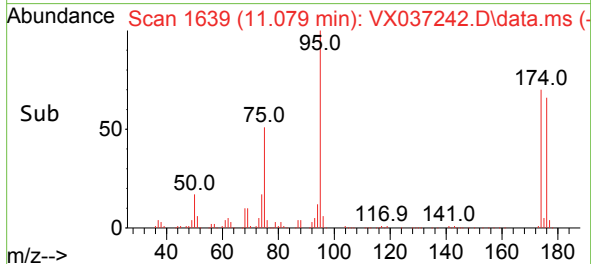
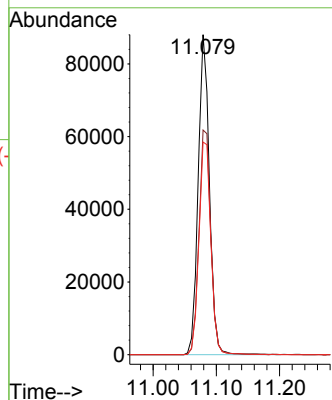
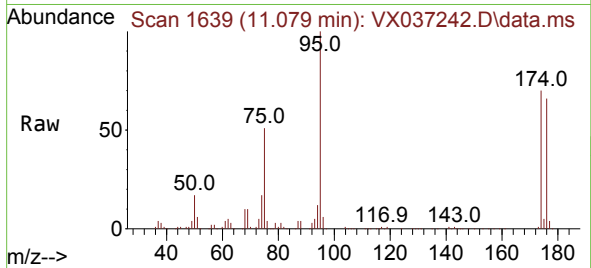




#62
4-Bromofluorobenzene
Concen: 46.494 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

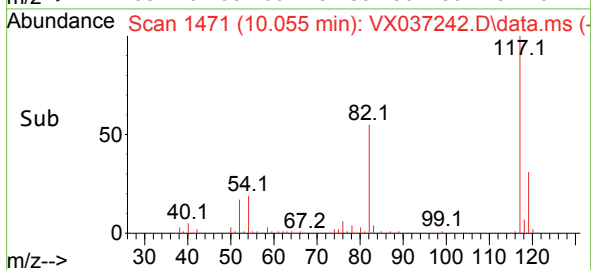
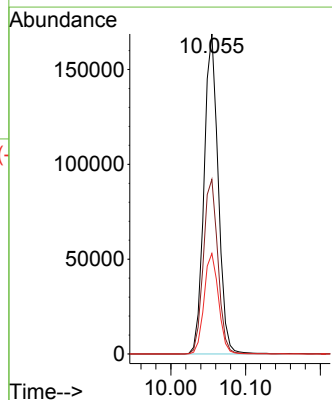
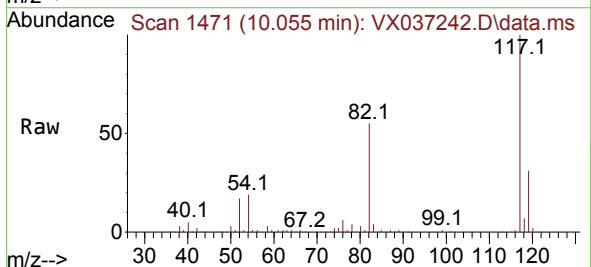
Instrument :
MSVOA_X
ClientSampleId :

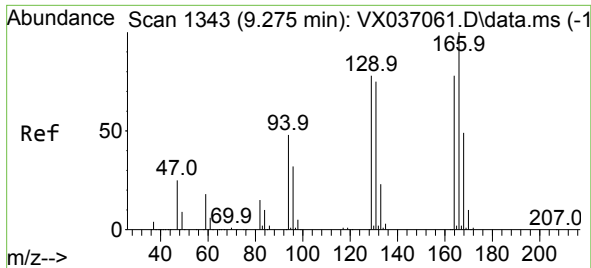
Tgt Ion: 95 Resp: 108681
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 70.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

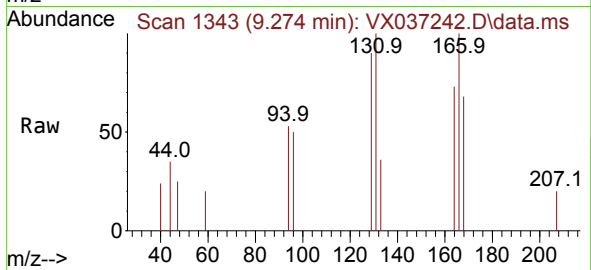
Tgt Ion: 117 Resp: 222214
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 31.4 25.5 38.3



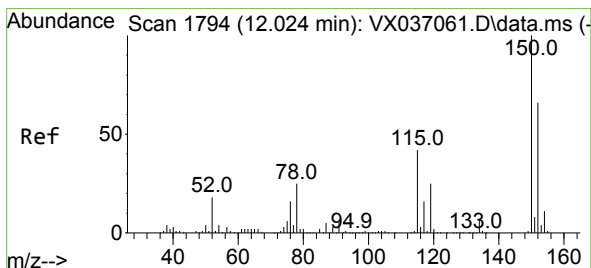
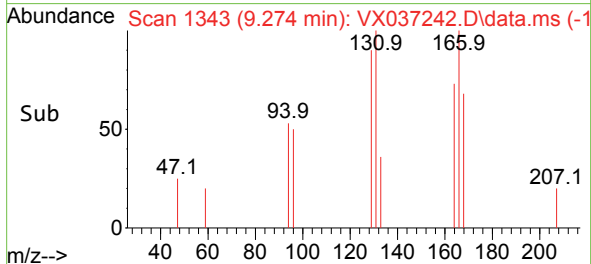
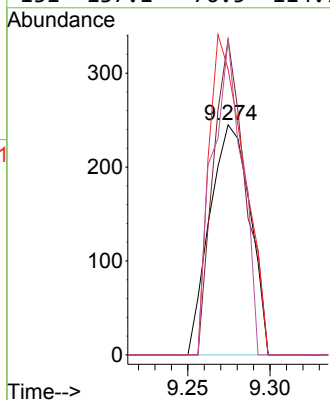


#64
Tetrachloroethene
Concen: 0.258 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

Instrument :
MSVOA_X
ClientSampleId :

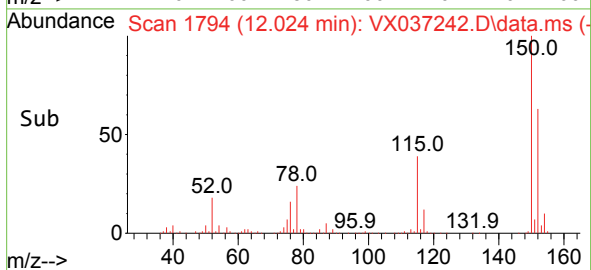
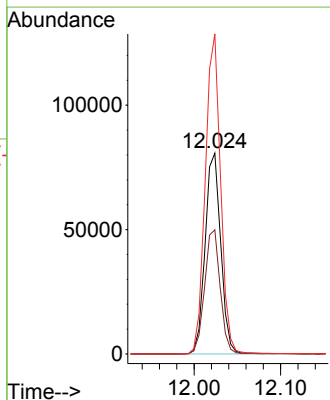
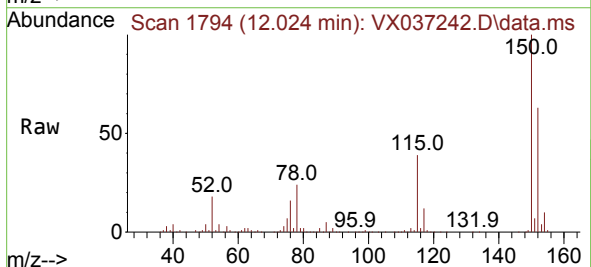


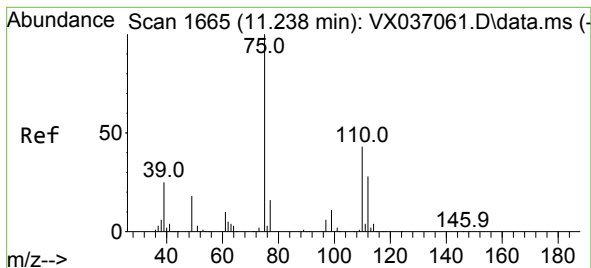
Tgt Ion:164 Resp: 418
Ion Ratio Lower Upper
164 100
166 137.1 102.7 154.1
129 124.1 80.4 120.6#
131 137.1 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037242.D
Acq: 25 Aug 2023 02:47

Tgt Ion:152 Resp: 101344
Ion Ratio Lower Upper
152 100
115 61.9 43.3 129.9
150 156.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.563 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037242.D

Acq: 25 Aug 2023 02:47

Instrument :

MSVOA_X

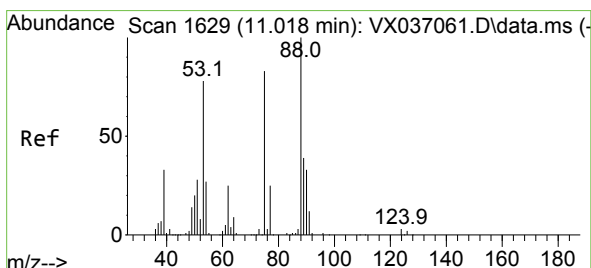
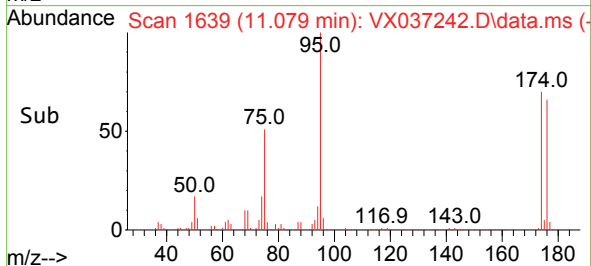
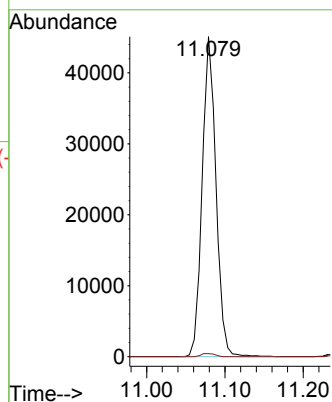
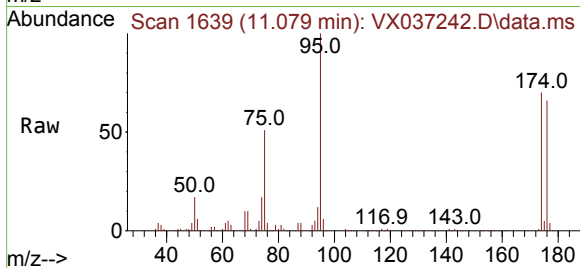
ClientSampleId :

Tgt Ion: 75 Resp: 55173

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.399 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037242.D

Acq: 25 Aug 2023 02:47

Tgt Ion: 75 Resp: 55173

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

