

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037244.D
 Acq On : 25 Aug 2023 03:35
 Operator : JC/MD
 Sample : 04110-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 25 07:44:57 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)

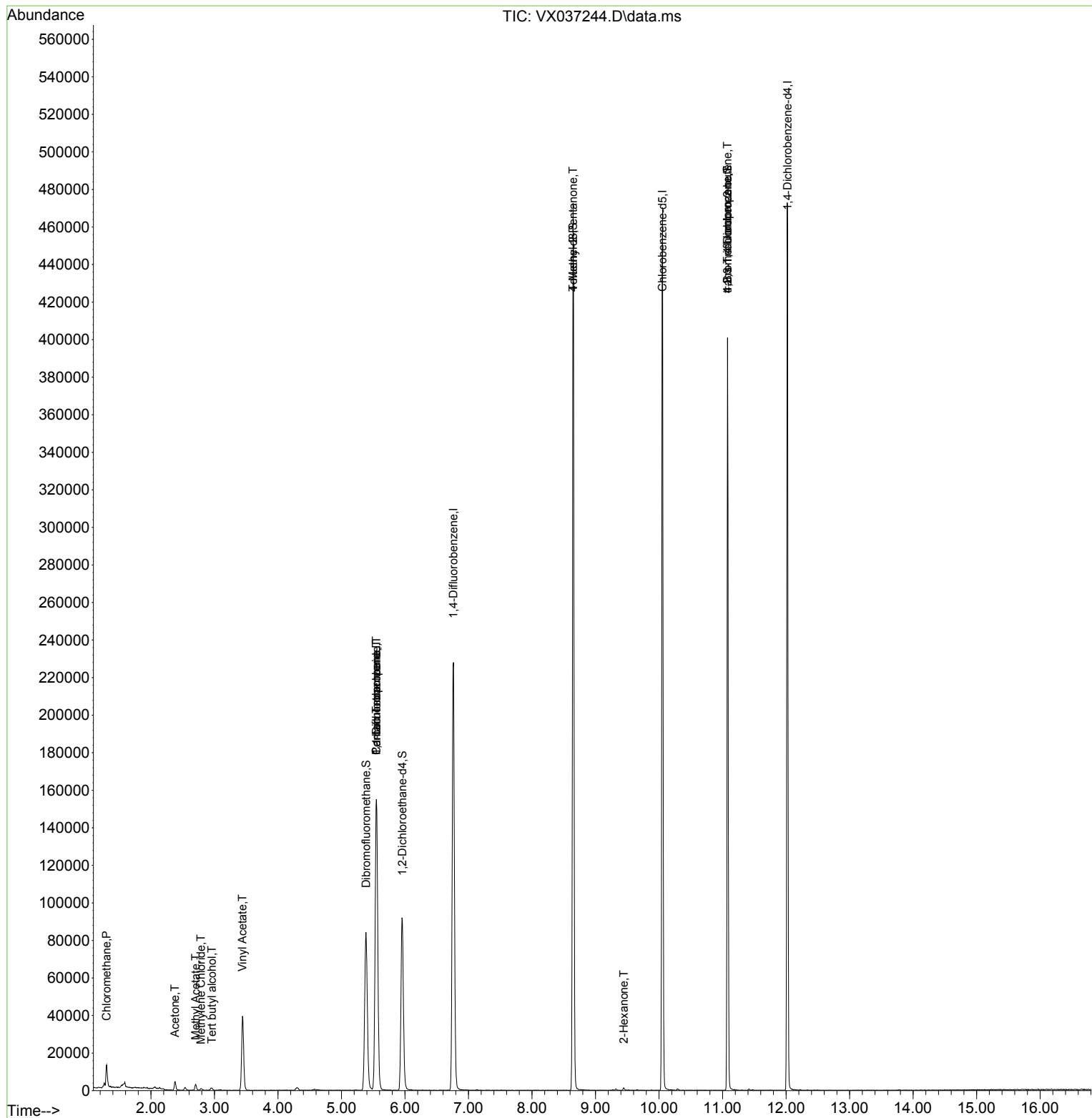
Internal Standards						
1) Pentafluorobenzene	5.550	168	146751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243863	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93439	44.165	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.340%		
35) Dibromofluoromethane	5.385	113	74218	45.954	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.900%		
50) Toluene-d8	8.647	98	284147	48.503	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.000%		
62) 4-Bromofluorobenzene	11.079	95	105973	46.030	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.060%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	11113	7.452	ug/l	95
11) Tert butyl alcohol	2.959	59	1405	2.831	ug/l #	78
16) Acetone	2.380	43	4813	5.815	ug/l #	82
18) Methyl Acetate	2.703	43	3727	1.196	ug/l #	90
20) Methylene Chloride	2.788	84	475	0.257	ug/l #	85
23) Vinyl Acetate	3.440	43	8727	2.373	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	11429	4.981	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15849	6.359	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1098	0.486	ug/l #	1
59) 2-Hexanone	9.445	43	928	0.539	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	53704	25.376	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	53704	70.876	ug/l #	5

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

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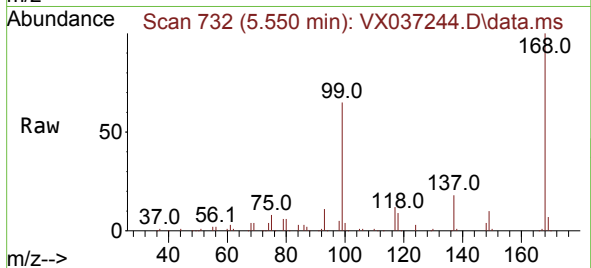
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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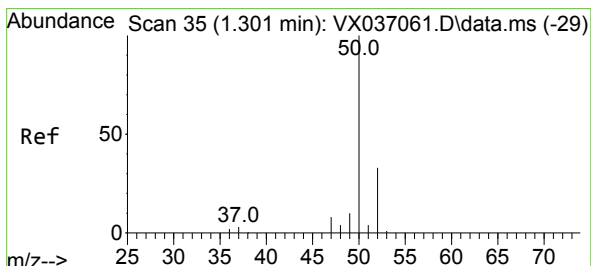
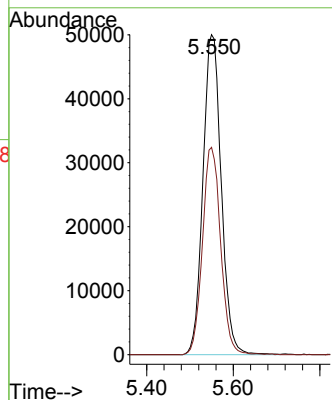
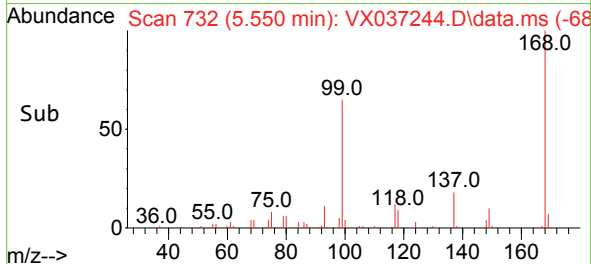


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037244.D
Acq: 25 Aug 2023 03:35

Instrument :
MSVOA_X
ClientSampleId :

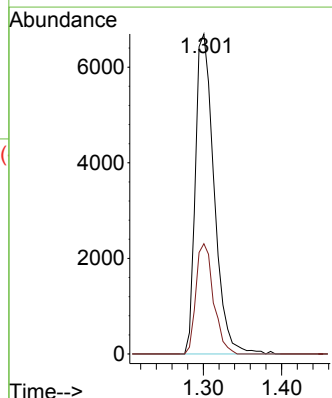
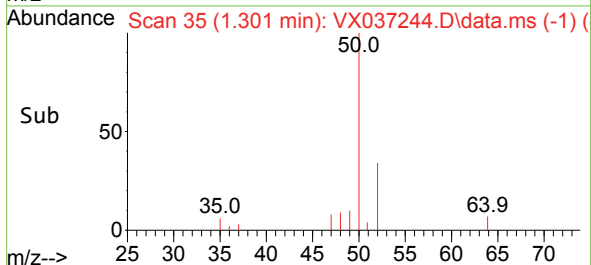
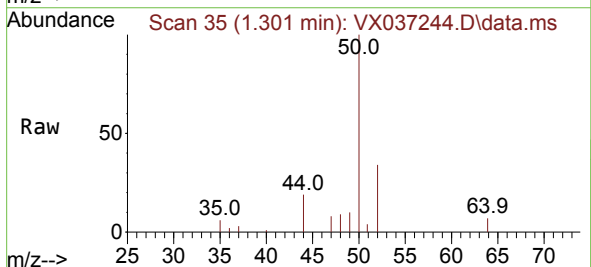


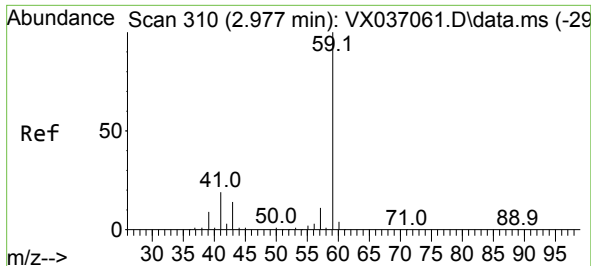
Tgt Ion:168 Resp: 146751
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0



#3
Chloromethane
Concen: 7.452 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037244.D
Acq: 25 Aug 2023 03:35

Tgt Ion: 50 Resp: 11113
Ion Ratio Lower Upper
50 100
52 34.5 25.5 38.3





#11

Tert butyl alcohol

Concen: 2.831 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.018 min

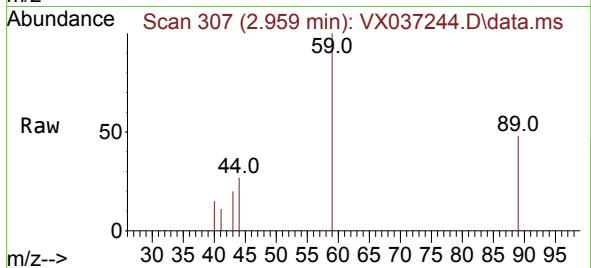
Lab File: VX037244.D

Acq: 25 Aug 2023 03:35

Instrument :

MSVOA_X

ClientSampleId :

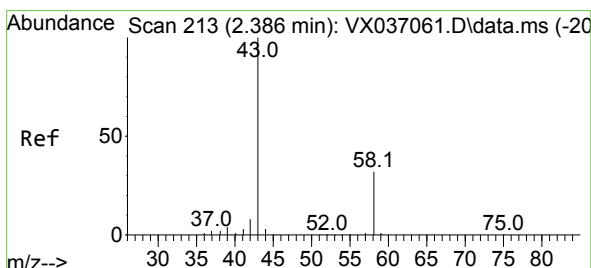
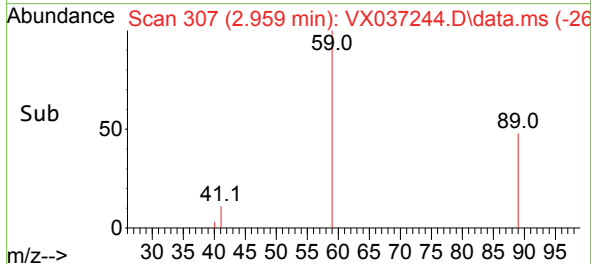
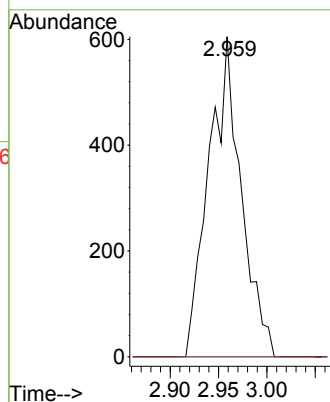


Tgt Ion: 59 Resp: 1405

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 5.815 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX037244.D

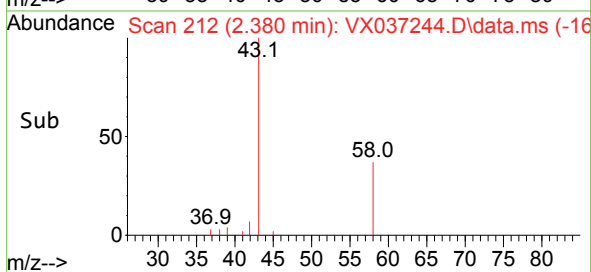
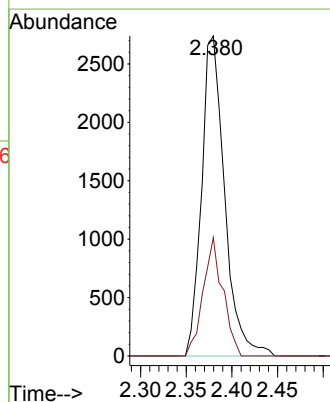
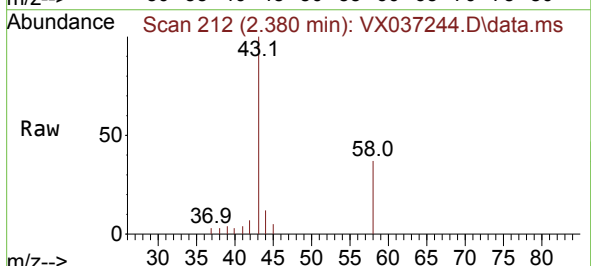
Acq: 25 Aug 2023 03:35

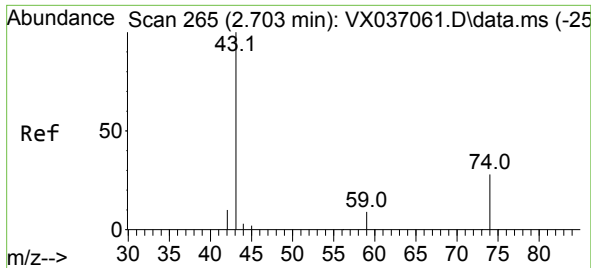
Tgt Ion: 43 Resp: 4813

Ion Ratio Lower Upper

43 100

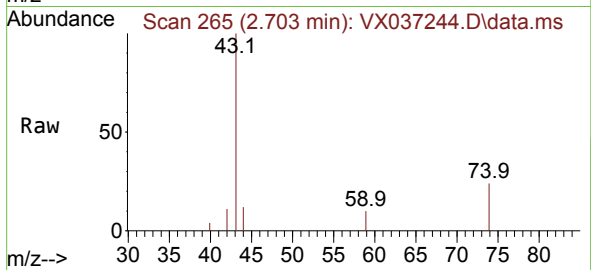
58 36.9 21.9 32.9#



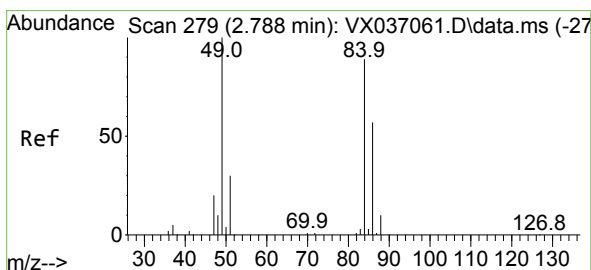
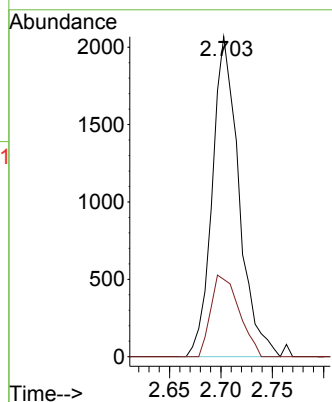
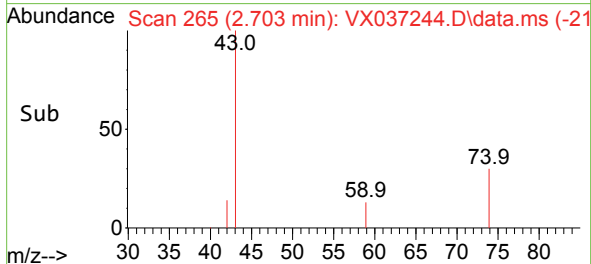


#18
Methyl Acetate
Concen: 1.196 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037244.D
Acq: 25 Aug 2023 03:35

Instrument :
MSVOA_X
ClientSampleId :

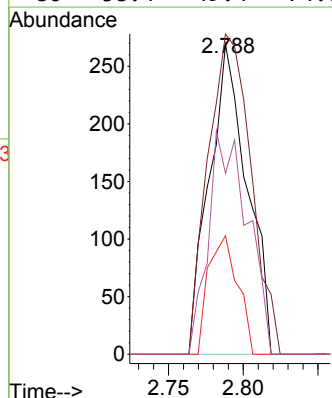
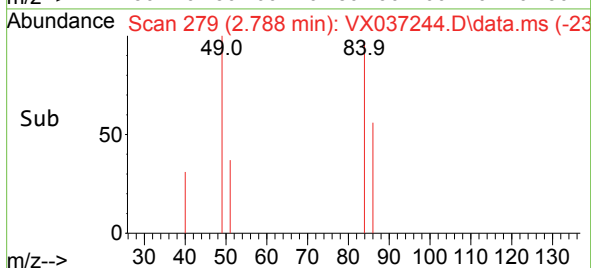
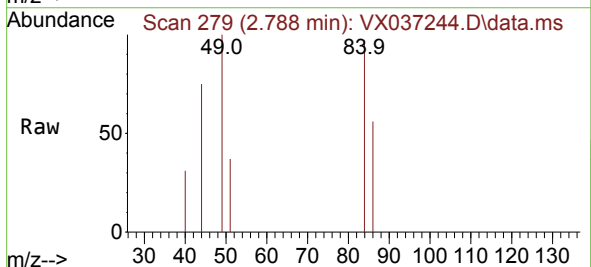


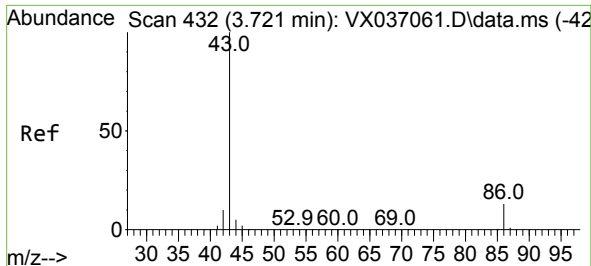
Tgt Ion: 43 Resp: 3727
Ion Ratio Lower Upper
43 100
74 27.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.257 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037244.D
Acq: 25 Aug 2023 03:35

Tgt Ion: 84 Resp: 475
Ion Ratio Lower Upper
84 100
49 103.3 103.6 155.4#
51 38.3 33.8 50.6
86 58.4 49.4 74.0

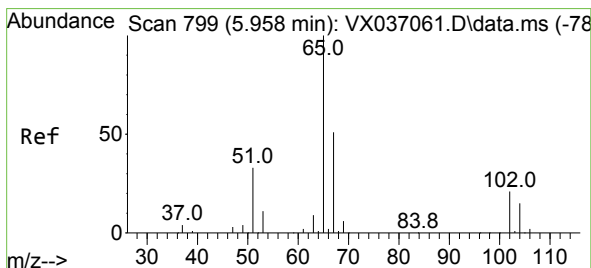
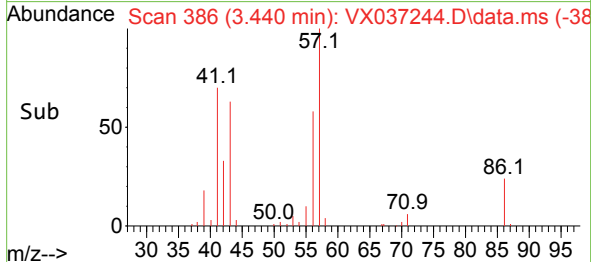
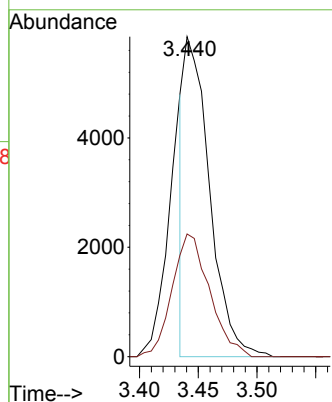
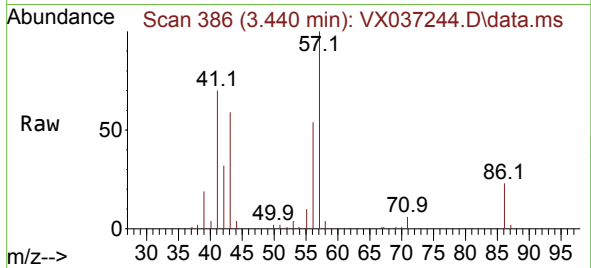




#23
Vinyl Acetate
Concen: 2.373 ug/l
RT: 3.440 min Scan# 386
Delta R.T. -0.280 min
Lab File: VX037244.D
Acq: 25 Aug 2023 03:35

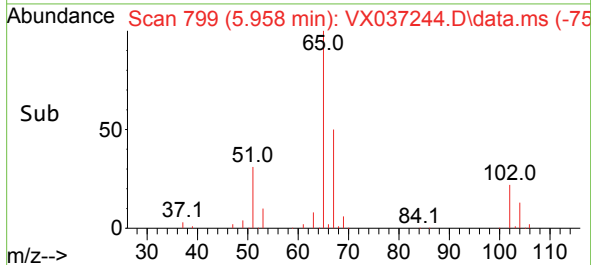
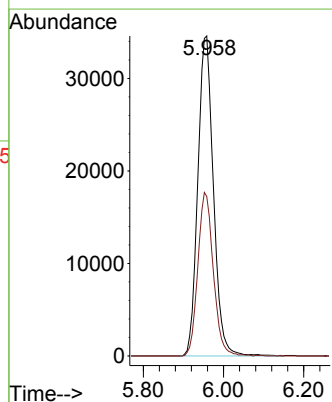
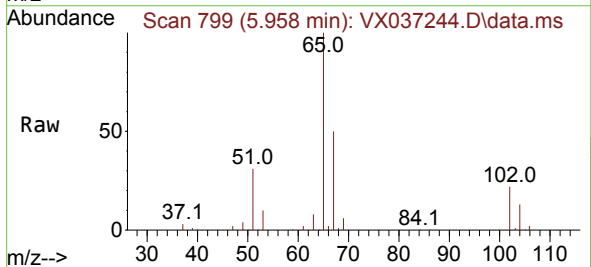
Instrument :
MSVOA_X
ClientSampleId :

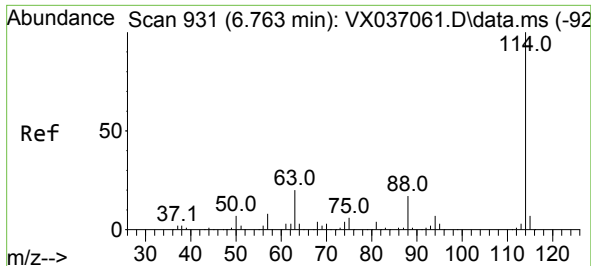
Tgt Ion: 43 Resp: 8727
Ion Ratio Lower Upper
43 100
86 38.4 7.8 11.8#



#33
1,2-Dichloroethane-d4
Concen: 44.165 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037244.D
Acq: 25 Aug 2023 03:35

Tgt Ion: 65 Resp: 93439
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

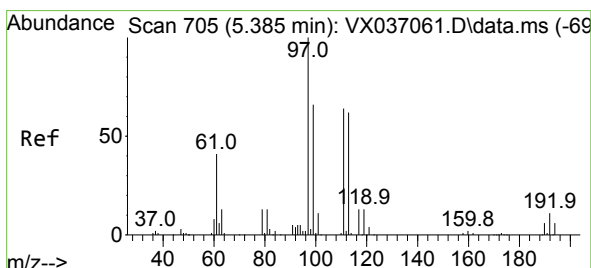
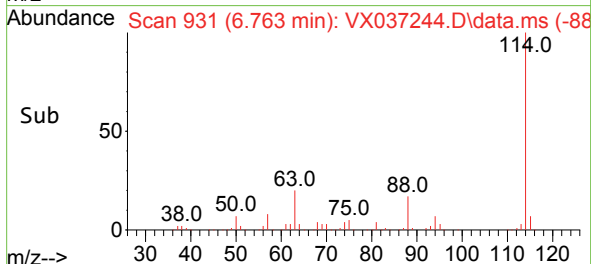
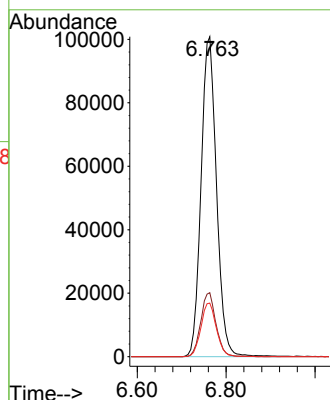
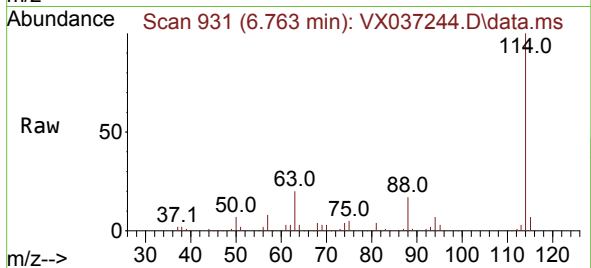




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037244.D
Acq: 25 Aug 2023 03:35

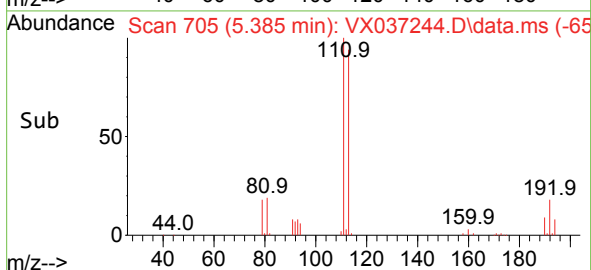
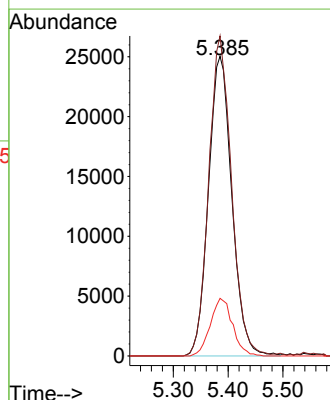
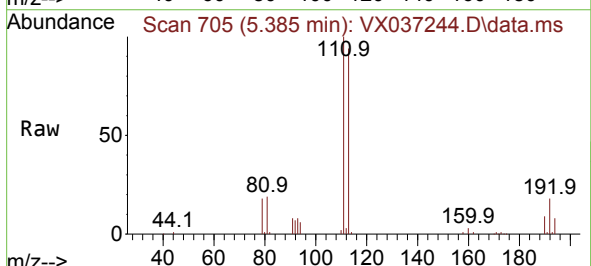
Instrument :
MSVOA_X
ClientSampleId :

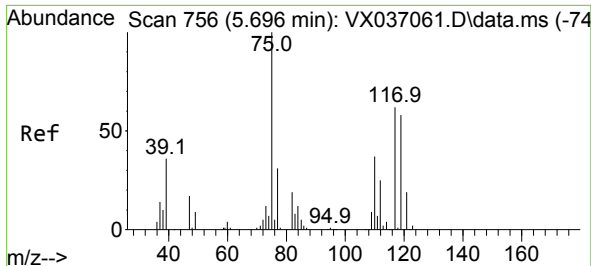
Tgt Ion:114 Resp: 243863
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.954 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037244.D
Acq: 25 Aug 2023 03:35

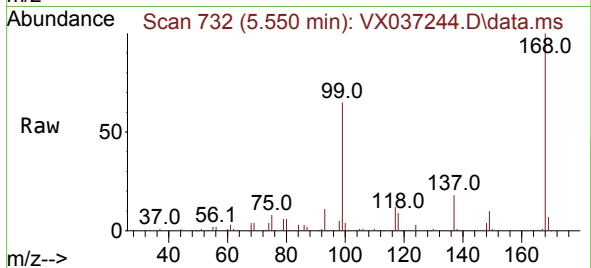
Tgt Ion:113 Resp: 74218
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 18.3 13.3 19.9



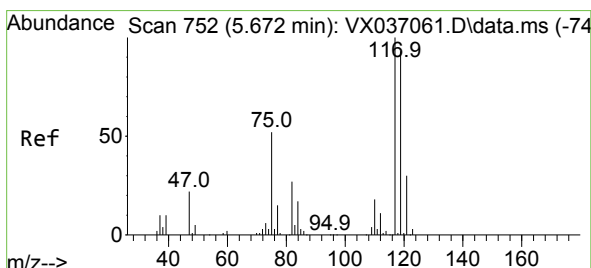
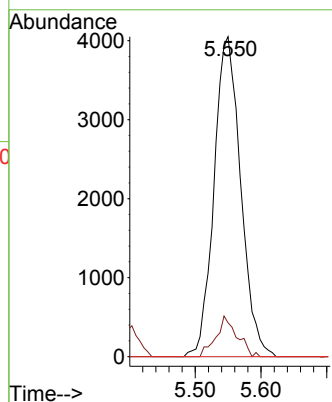
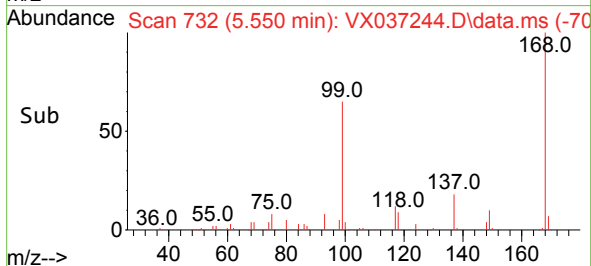


#36
1,1-Dichloropropene
Concen: 4.981 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037244.D
Acq: 25 Aug 2023 03:35

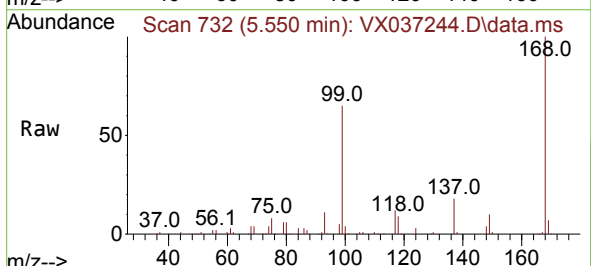
Instrument :
MSVOA_X
ClientSampleId :



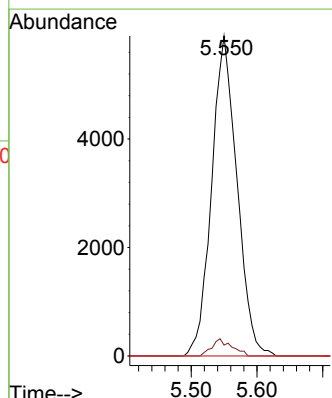
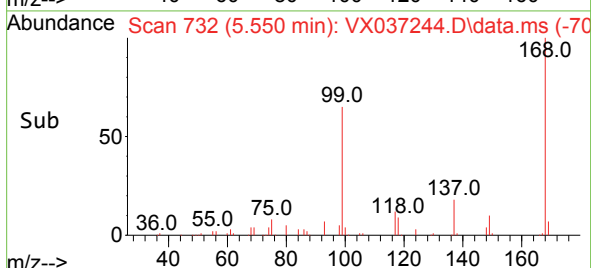
Tgt Ion: 75 Resp: 11429
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#

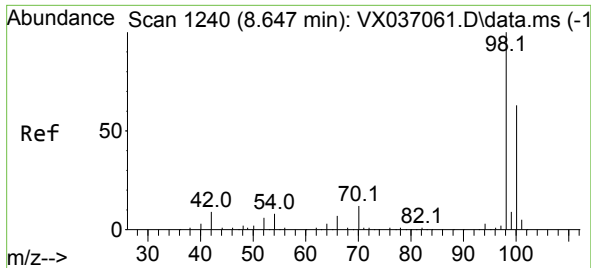


#38
Carbon Tetrachloride
Concen: 6.359 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037244.D
Acq: 25 Aug 2023 03:35



Tgt Ion: 117 Resp: 15849
Ion Ratio Lower Upper
117 100
119 3.4 78.2 117.2#
121 0.0 24.4 36.6#

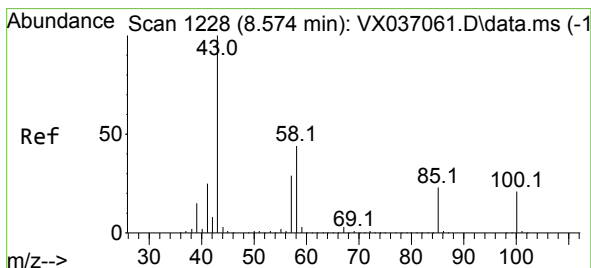
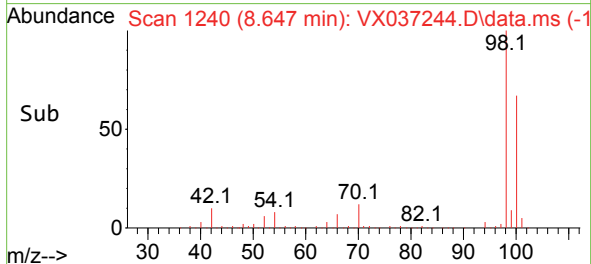
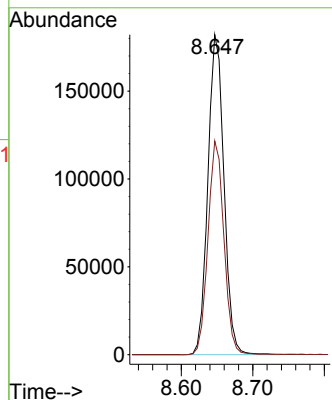
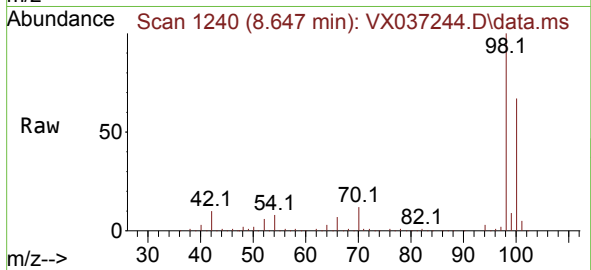




#50
Toluene-d8
Concen: 48.503 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037244.D
Acq: 25 Aug 2023 03:35

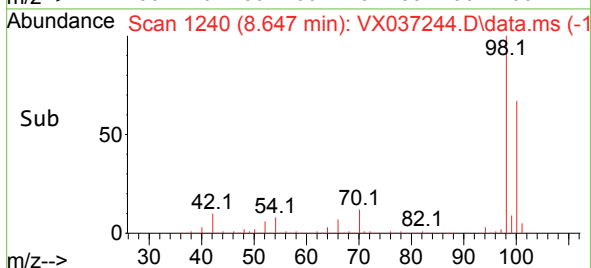
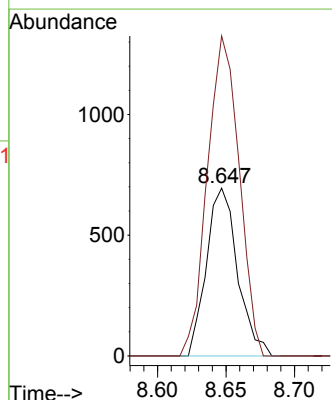
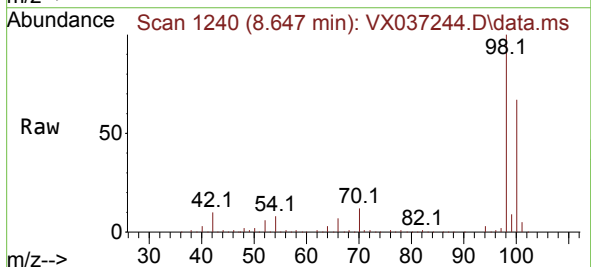
Instrument :
MSVOA_X
ClientSampleId :

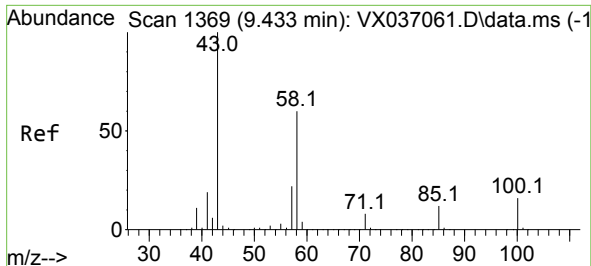
Tgt Ion: 98 Resp: 284147
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.486 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037244.D
Acq: 25 Aug 2023 03:35

Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 195.1 30.4 45.6#

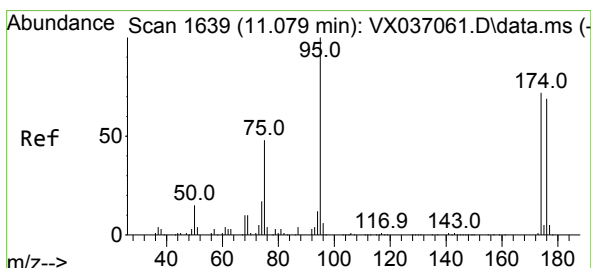
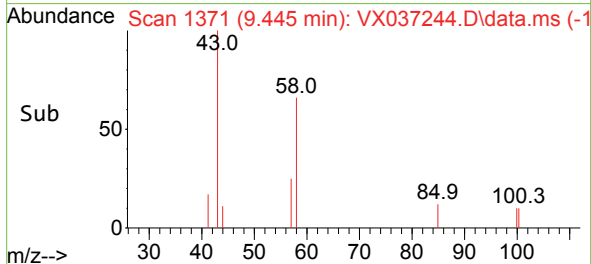
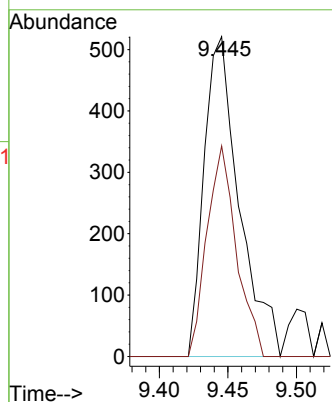
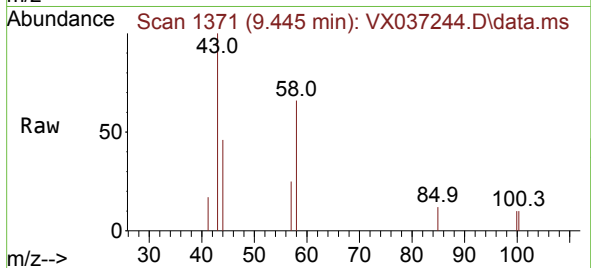




#59
2-Hexanone
Concen: 0.539 ug/l
RT: 9.445 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX037244.D
Acq: 25 Aug 2023 03:35

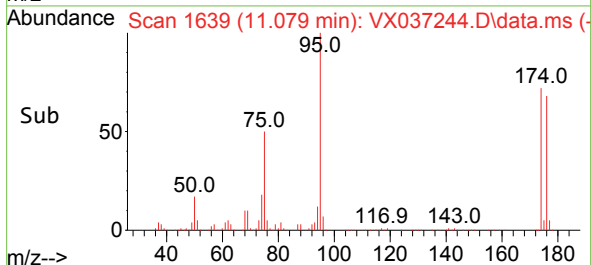
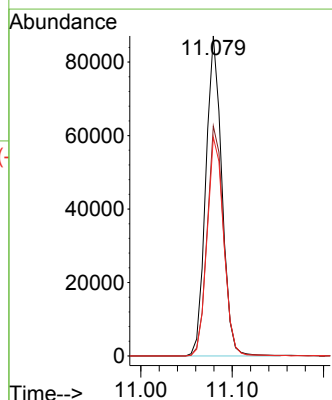
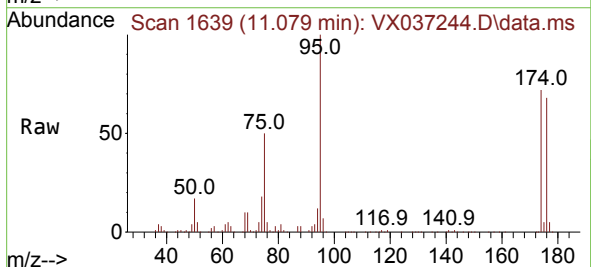
Instrument :
MSVOA_X
ClientSampleId :

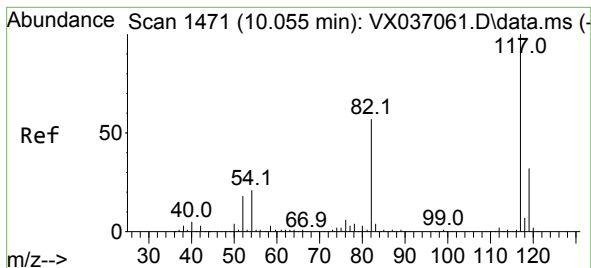
Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 55.2 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 46.030 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037244.D
Acq: 25 Aug 2023 03:35

Tgt Ion: 95 Resp: 105973
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 70.7 0.0 131.0

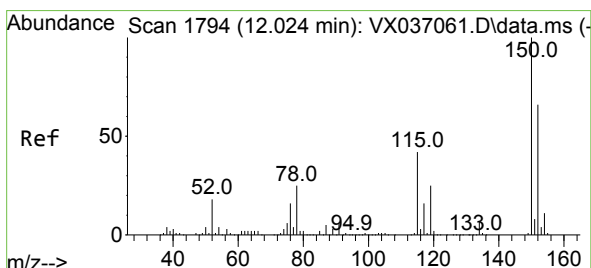
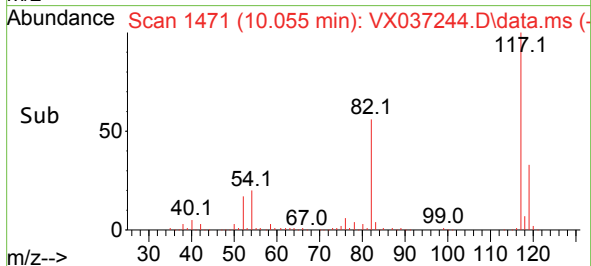
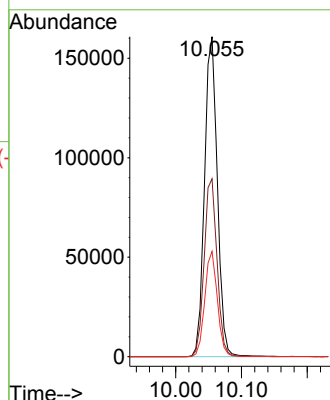
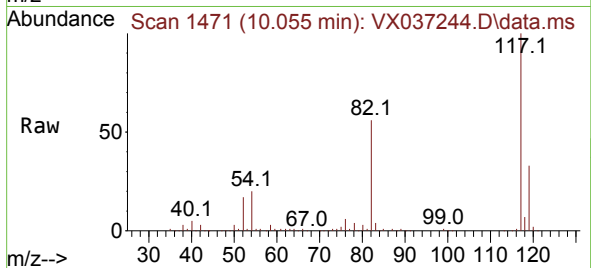




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037244.D
Acq: 25 Aug 2023 03:35

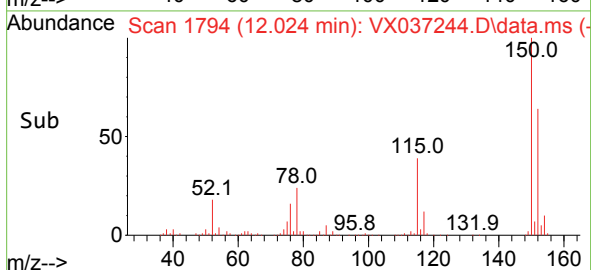
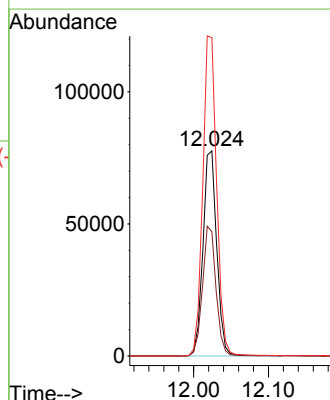
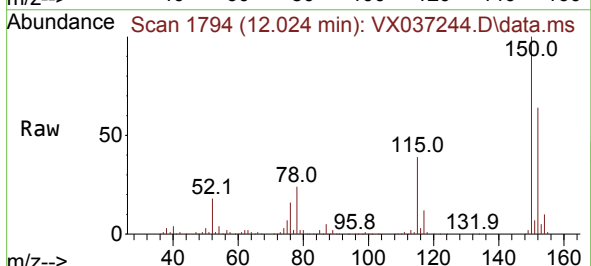
Instrument :
MSVOA_X
ClientSampleId :

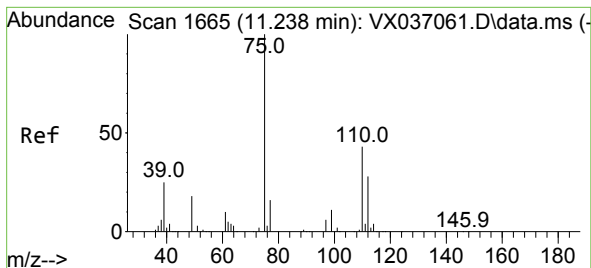
Tgt Ion:117 Resp: 218193
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037244.D
Acq: 25 Aug 2023 03:35

Tgt Ion:152 Resp: 99374
Ion Ratio Lower Upper
152 100
115 62.0 43.3 129.9
150 157.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.376 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037244.D

Acq: 25 Aug 2023 03:35

Instrument :

MSVOA_X

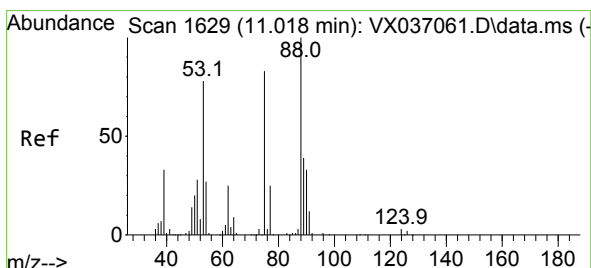
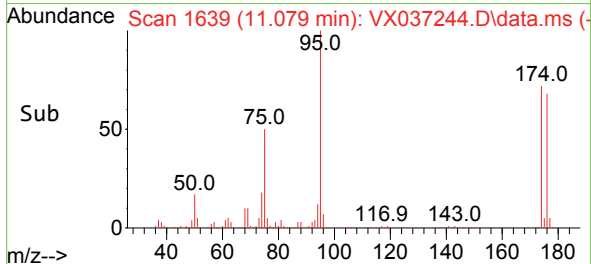
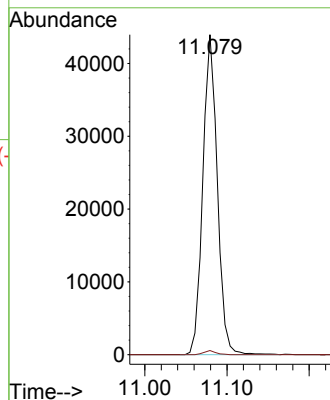
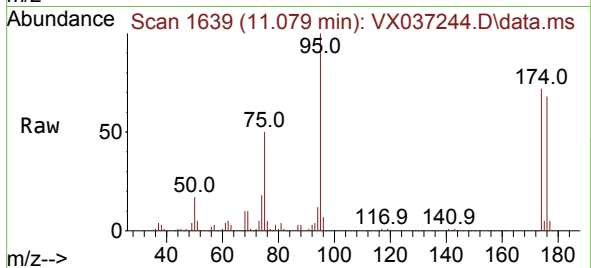
ClientSampleId :

Tgt Ion: 75 Resp: 53704

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.876 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037244.D

Acq: 25 Aug 2023 03:35

Tgt Ion: 75 Resp: 53704

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

