

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037156.D
 Acq On : 22 Aug 2023 17:05
 Operator : JC/MD
 Sample : 04086-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 22 17:32:35 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)

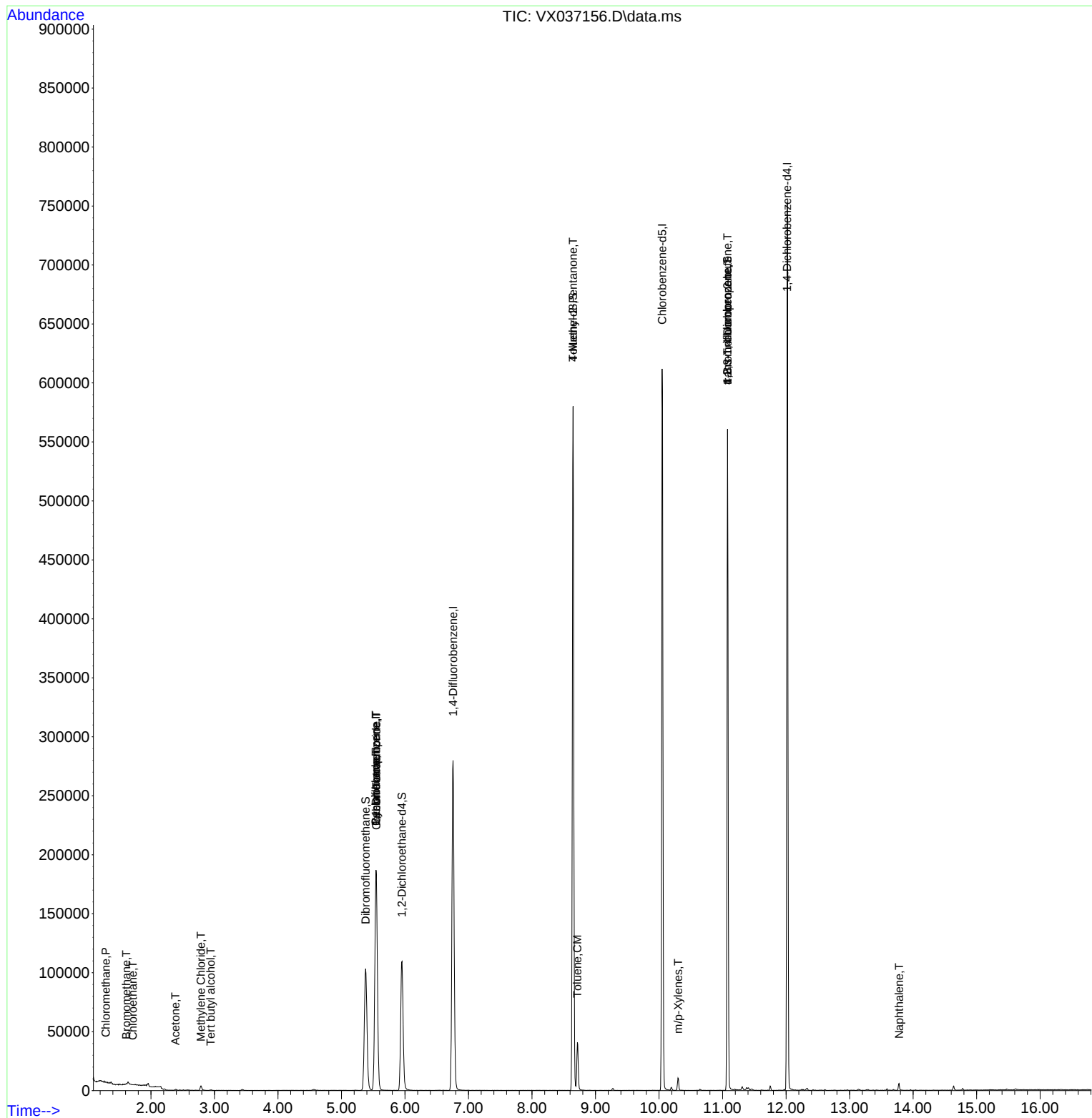
Internal Standards						
1) Pentafluorobenzene	5.544	168	174184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	292349	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	286401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	151850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	112056	44.623	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.240%		
35) Dibromofluoromethane	5.379	113	91377	47.195	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.380%		
50) Toluene-d8	8.647	98	348348	49.600	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.200%		
62) 4-Bromofluorobenzene	11.079	95	150360	54.478	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.960%		
Target Compounds					Qvalue	
3) Chloromethane	1.288	50	541	0.306	ug/l #	79
5) Bromomethane	1.611	94	192	0.200	ug/l #	54
6) Chloroethane	1.715	64	306	0.270	ug/l	96
11) Tert butyl alcohol	2.941	59	276	0.469	ug/l #	78
16) Acetone	2.386	43	1178	1.199	ug/l	92
20) Methylene Chloride	2.788	84	1977	0.900	ug/l #	78
31) Cyclohexane	5.544	56	3634	1.287	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	13561	4.930	ug/l #	52
38) Carbon Tetrachloride	5.550	117	18910	6.328	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1368	0.505	ug/l #	1
52) Toluene	8.714	92	16165	3.101	ug/l	100
68) m/p-Xylenes	10.299	106	2531	0.615	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	76800	23.748	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	76800	66.330	ug/l #	5
95) Naphthalene	13.780	128	4454	0.352	ug/l	97

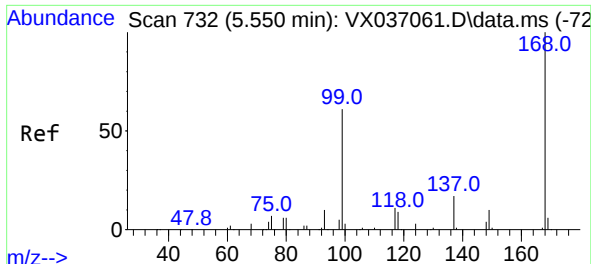
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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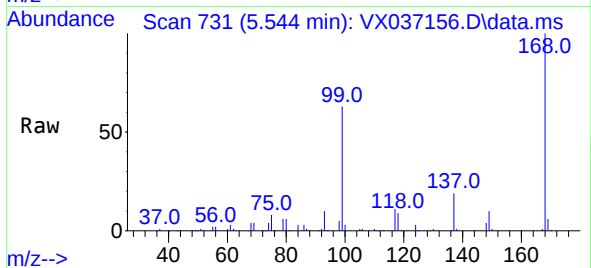
Quant Time: Aug 22 17:32:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



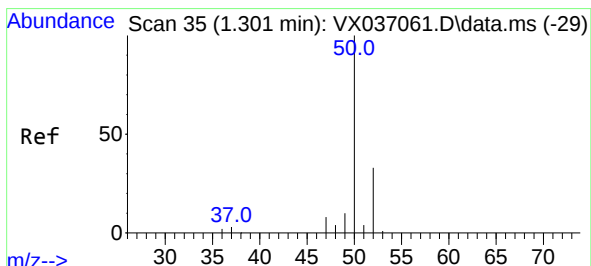
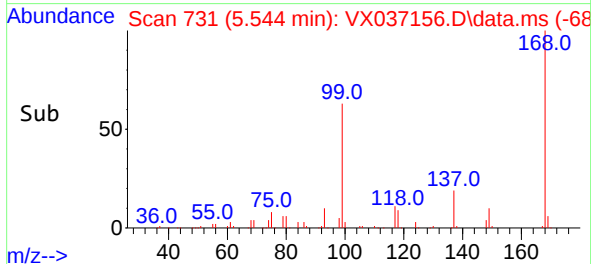
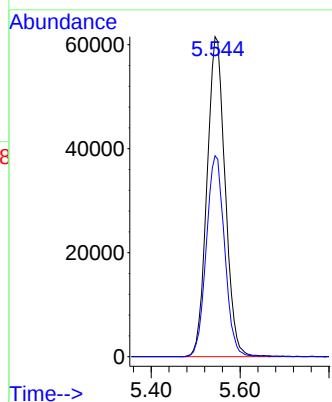


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :

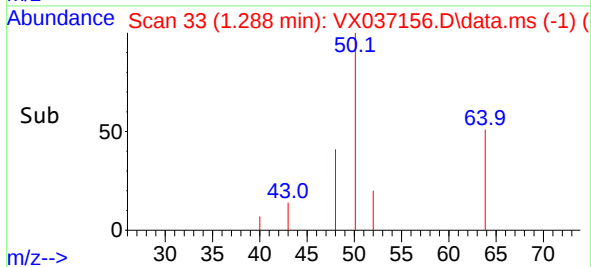
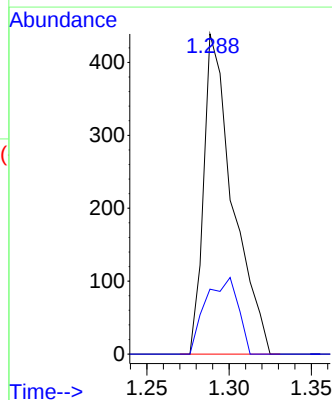
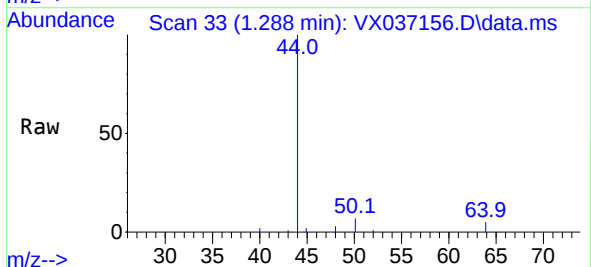


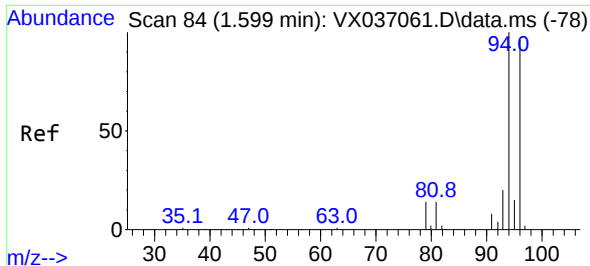
Tgt Ion:168 Resp: 174184
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#3
Chloromethane
Concen: 0.306 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.012 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Tgt Ion: 50 Resp: 541
Ion Ratio Lower Upper
50 100
52 20.3 25.5 38.3#

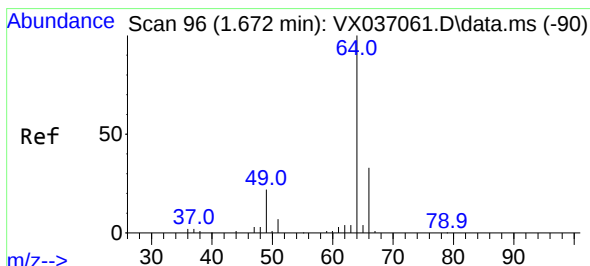
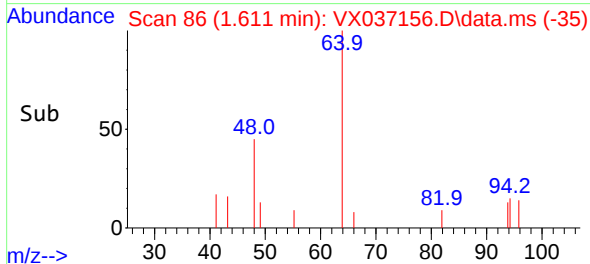
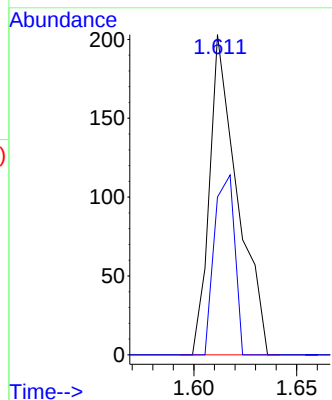
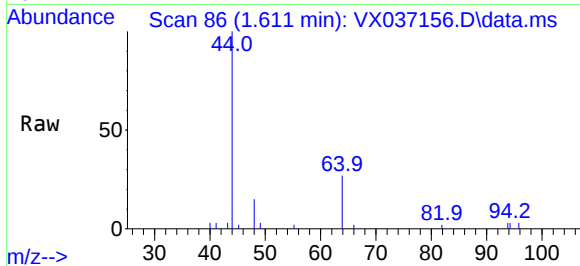




#5
Bromomethane
Concen: 0.200 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

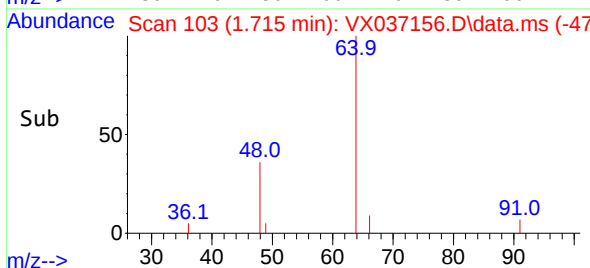
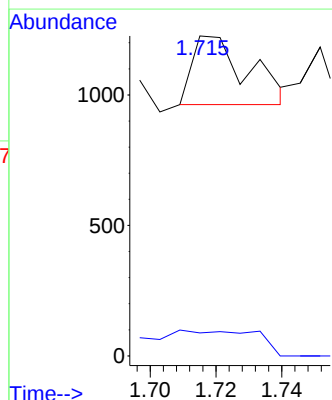
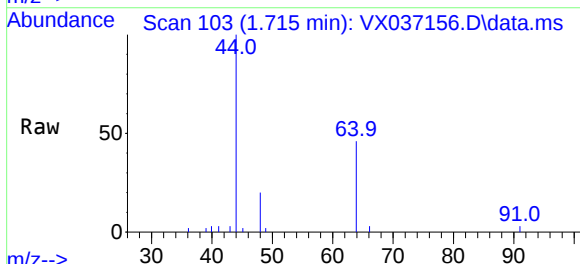
Instrument :
MSVOA_X
ClientSampleId :

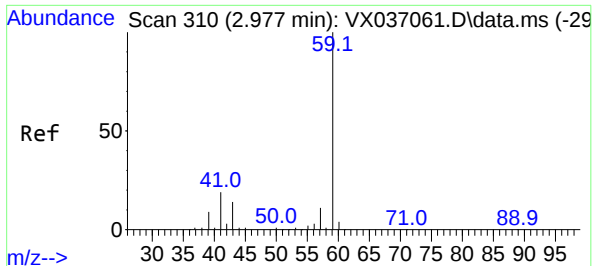
Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 49.3 74.6 111.8#



#6
Chloroethane
Concen: 0.270 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.043 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Tgt Ion: 64 Resp: 306
Ion Ratio Lower Upper
64 100
66 33.5 25.1 37.7





#11

Tert butyl alcohol

Concen: 0.469 ug/l

RT: 2.941 min Scan# 30

Delta R.T. -0.037 min

Lab File: VX037156.D

Acq: 22 Aug 2023 17:05

Instrument :

MSVOA_X

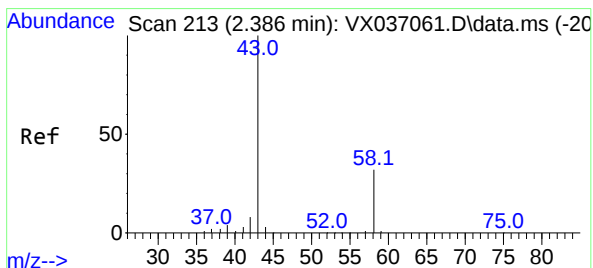
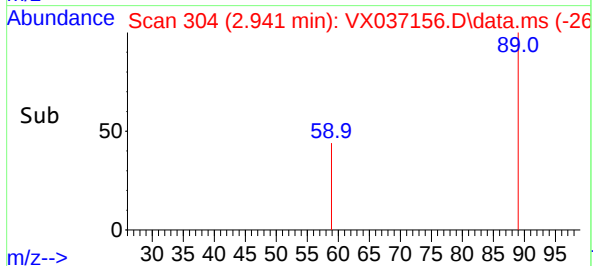
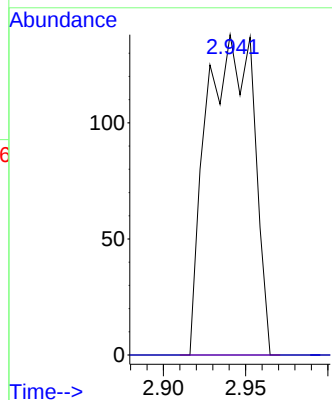
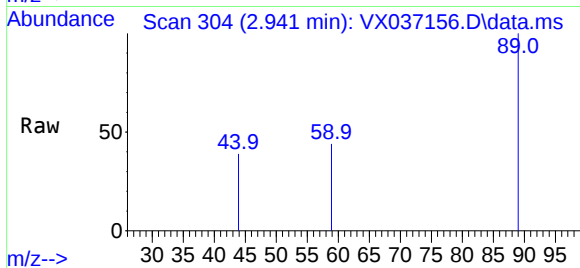
ClientSampleId :

Tgt Ion: 59 Resp: 276

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.199 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX037156.D

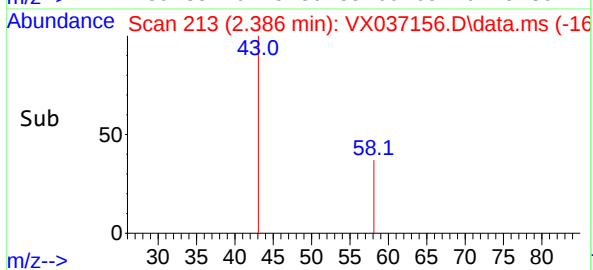
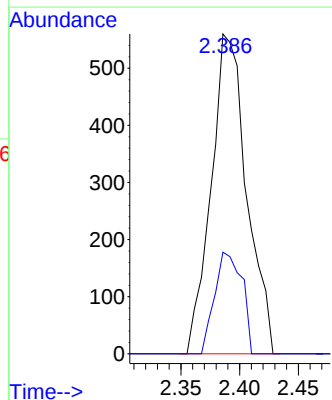
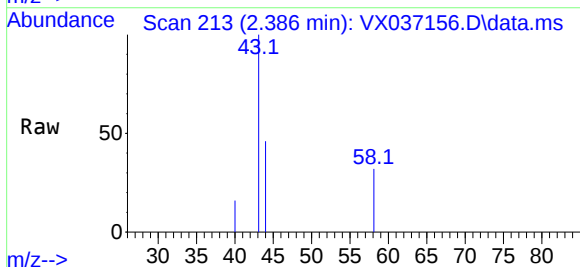
Acq: 22 Aug 2023 17:05

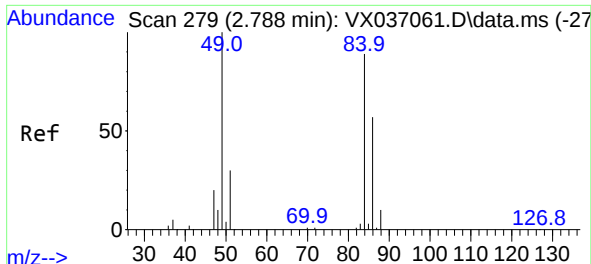
Tgt Ion: 43 Resp: 1178

Ion Ratio Lower Upper

43 100

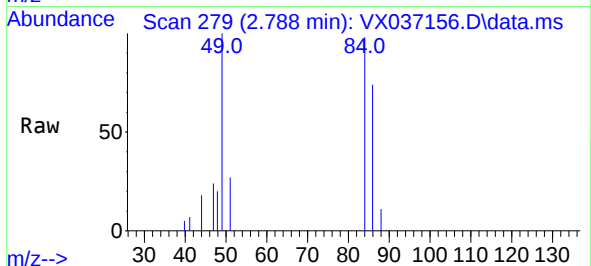
58 31.8 21.9 32.9





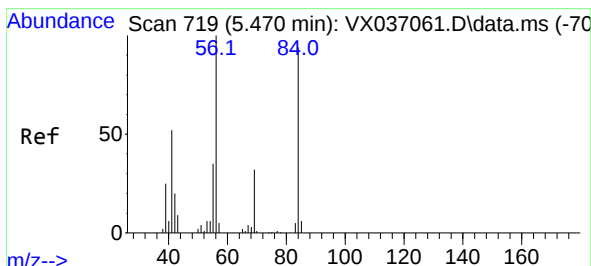
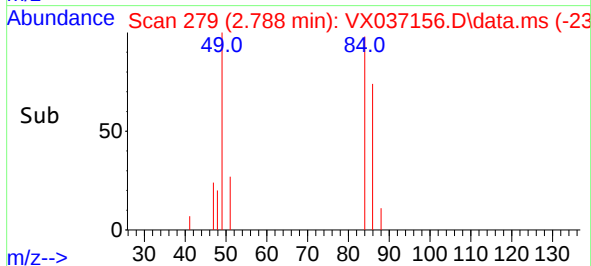
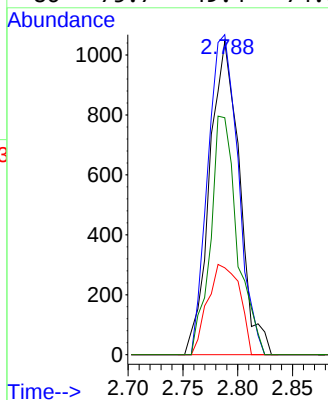
#20
Methylene Chloride
Concen: 0.900 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1977

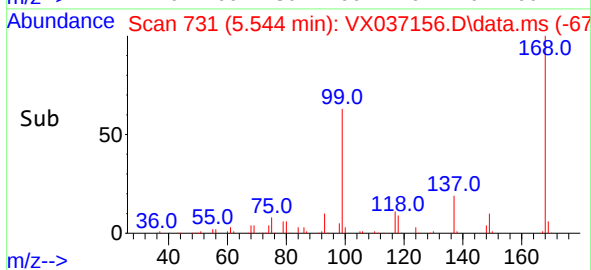
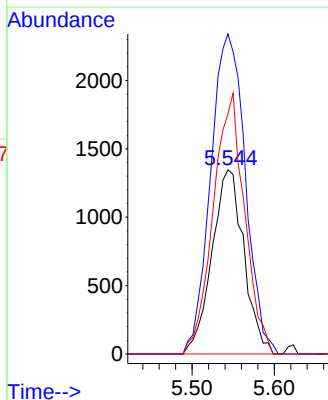
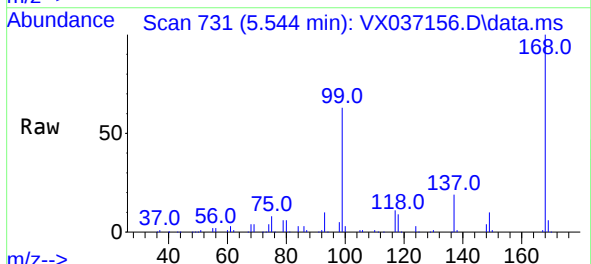
Ion	Ratio	Lower	Upper
84	100		
49	102.2	103.6	155.4#
51	27.8	33.8	50.6#
86	75.7	49.4	74.0#

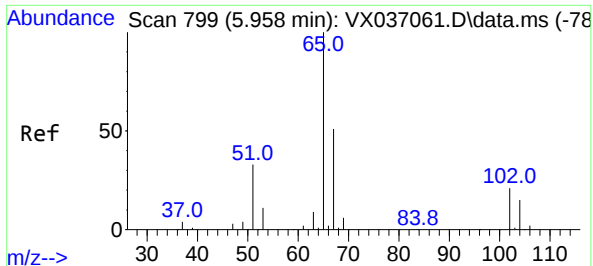


#31
Cyclohexane
Concen: 1.287 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Tgt Ion: 56 Resp: 3634

Ion	Ratio	Lower	Upper
56	100		
69	173.7	23.4	35.2#
84	130.3	65.9	98.9#

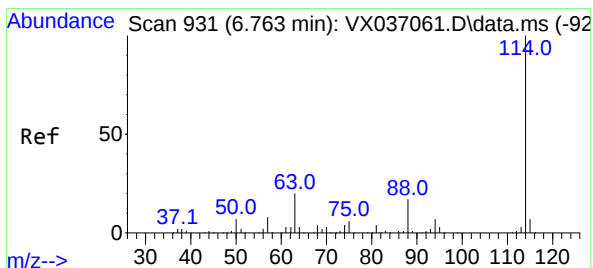
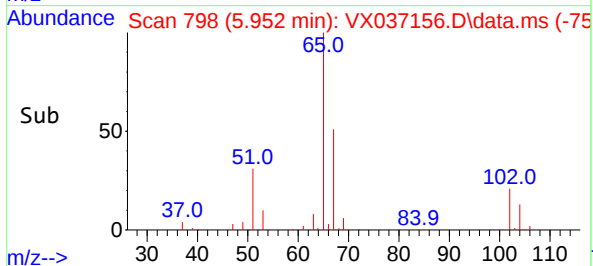
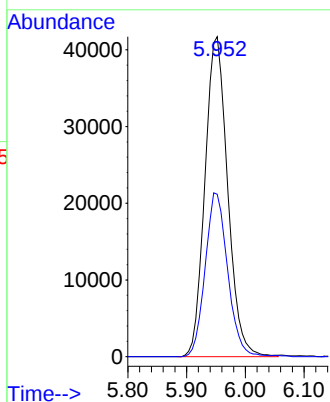
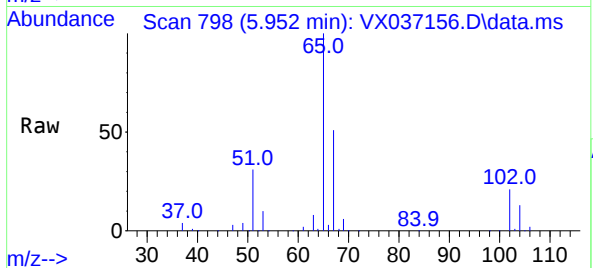




#33
1,2-Dichloroethane-d4
Concen: 44.623 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

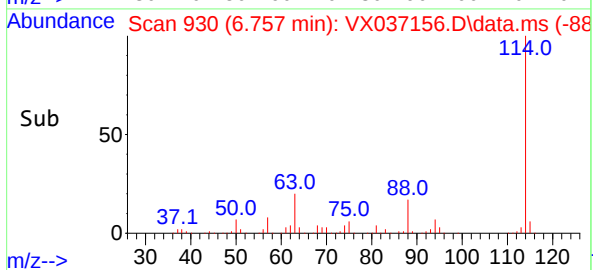
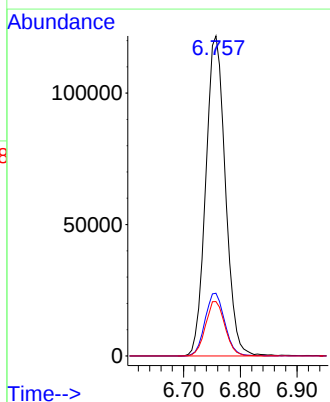
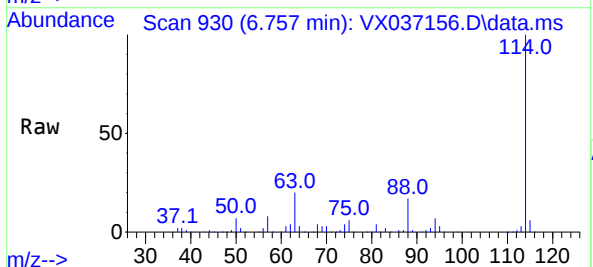
Instrument :
MSVOA_X
ClientSampleId :

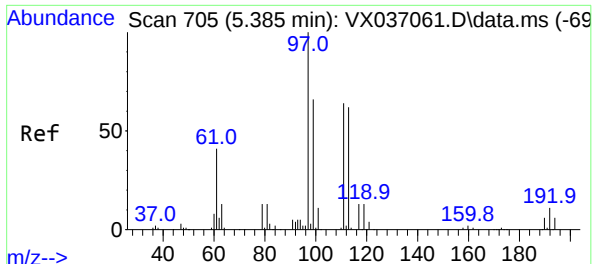
Tgt Ion: 65 Resp: 112056
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

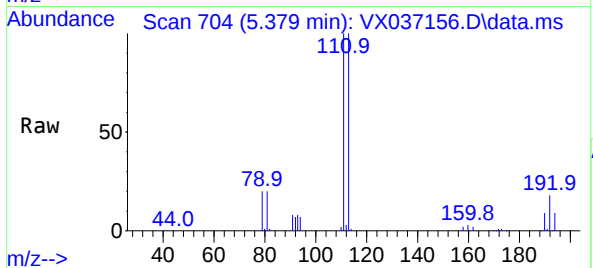
Tgt Ion:114 Resp: 292349
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 17.0 0.0 36.6



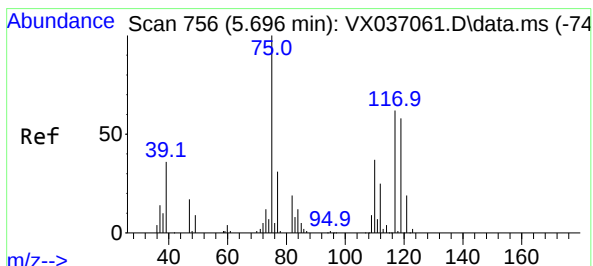
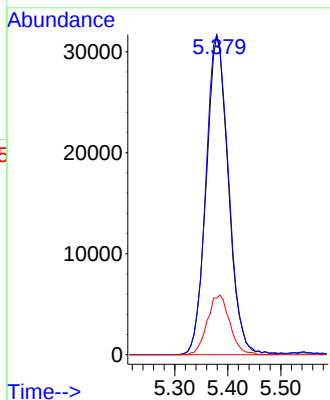
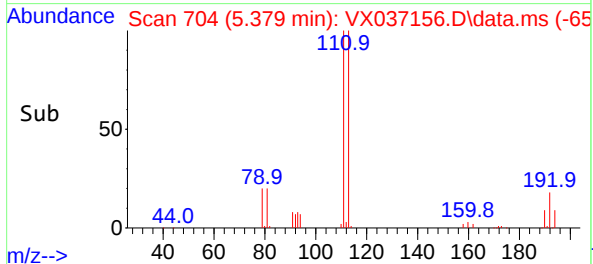


#35
Dibromofluoromethane
Concen: 47.195 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :

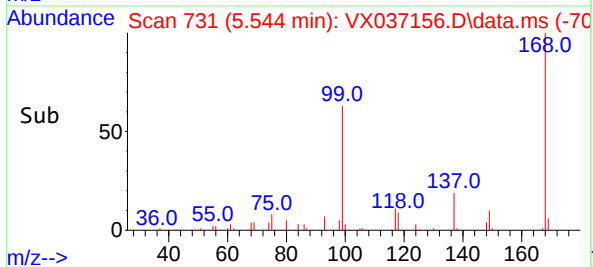
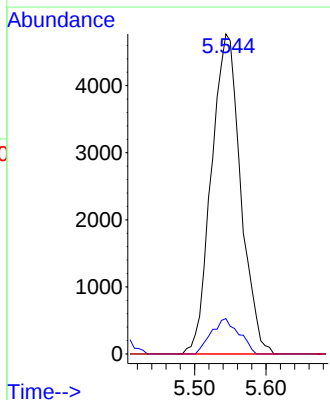
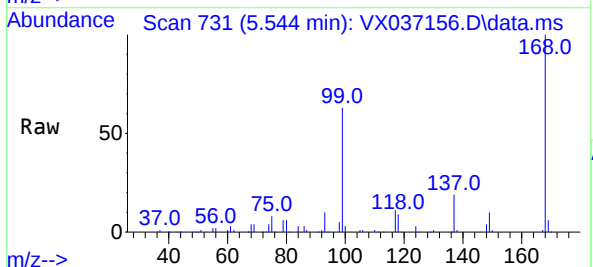


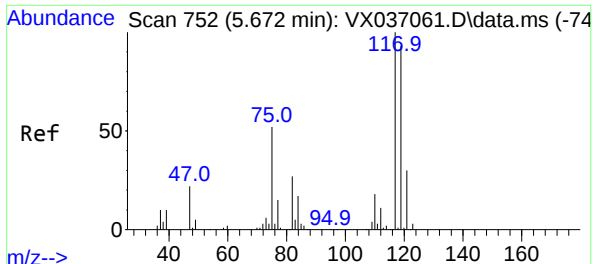
Tgt Ion:113 Resp: 91377
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.930 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

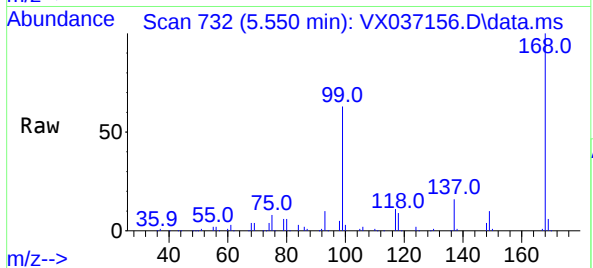
Tgt Ion: 75 Resp: 13561
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



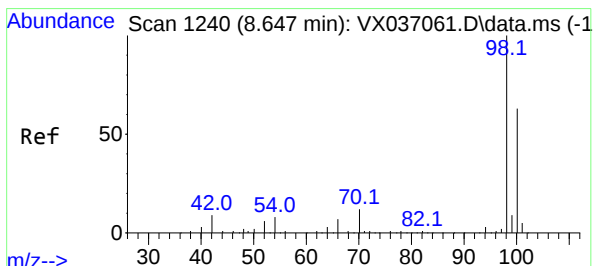
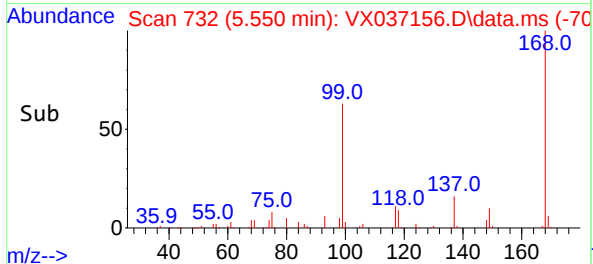
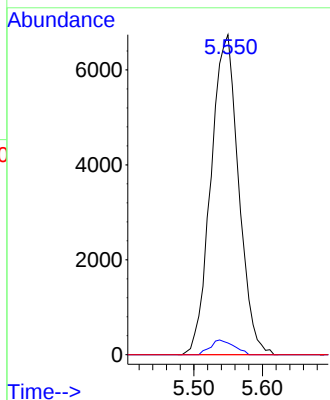


#38
Carbon Tetrachloride
Concen: 6.328 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :

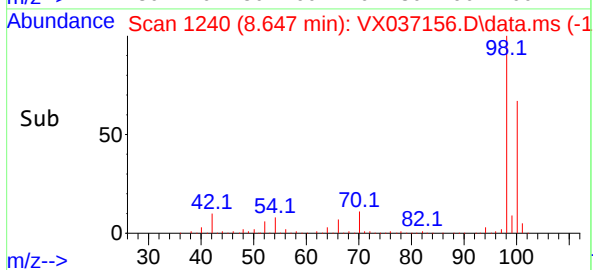
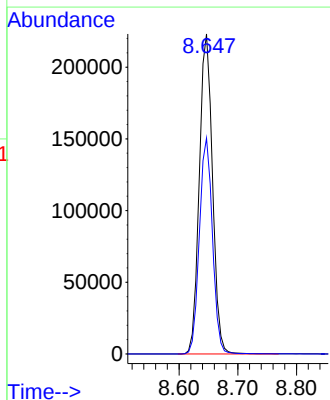
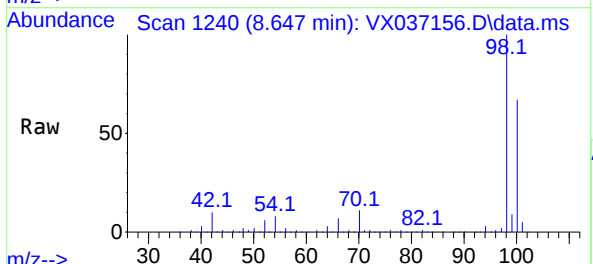


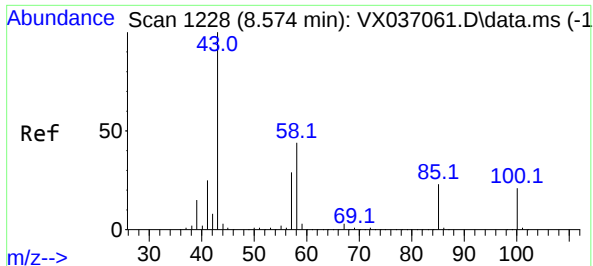
Tgt Ion:117 Resp: 18910
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.600 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Tgt Ion: 98 Resp: 348348
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

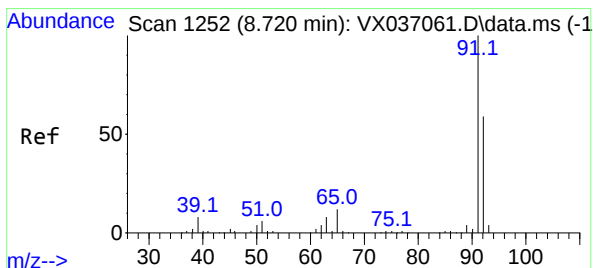
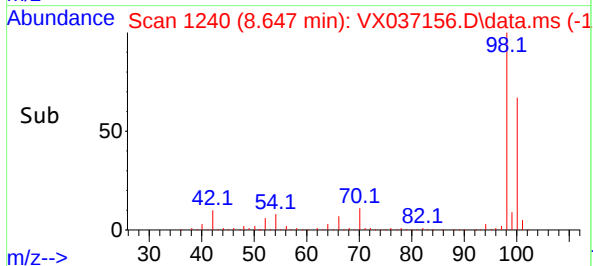
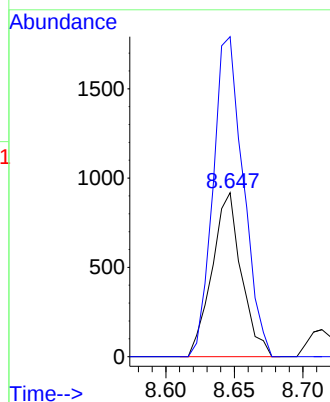
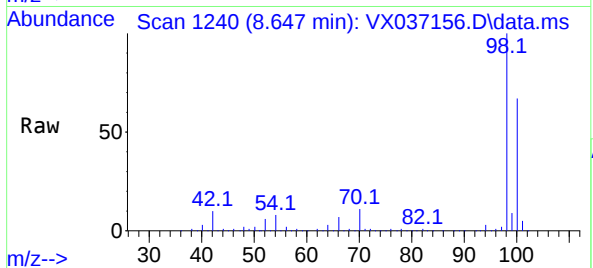




#51
4-Methyl-2-Pentanone
Concen: 0.505 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

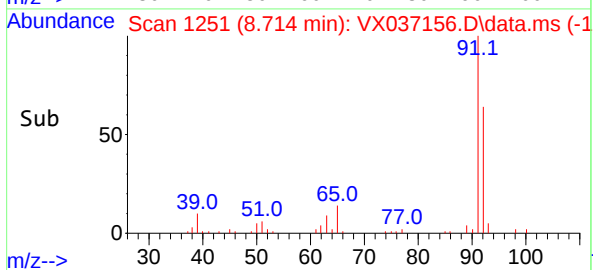
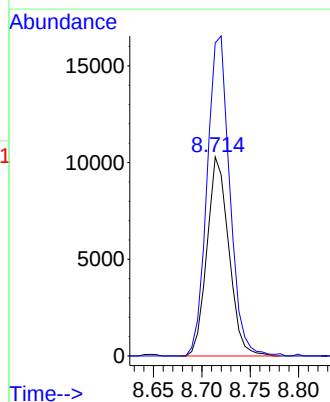
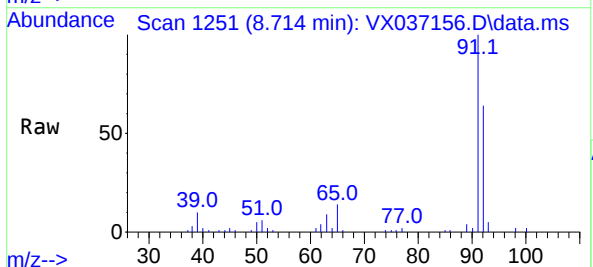
Instrument :
MSVOA_X
ClientSampleId :

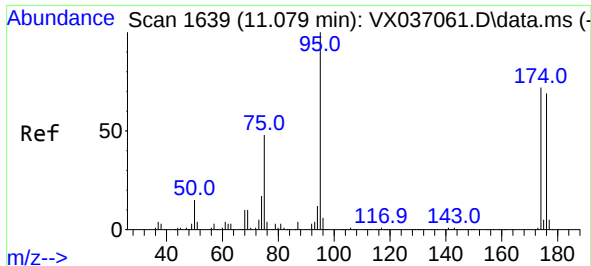
Tgt Ion: 43 Resp: 1368
Ion Ratio Lower Upper
43 100
58 200.7 30.4 45.6#



#52
Toluene
Concen: 3.101 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Tgt Ion: 92 Resp: 16165
Ion Ratio Lower Upper
92 100
91 167.2 134.2 201.2

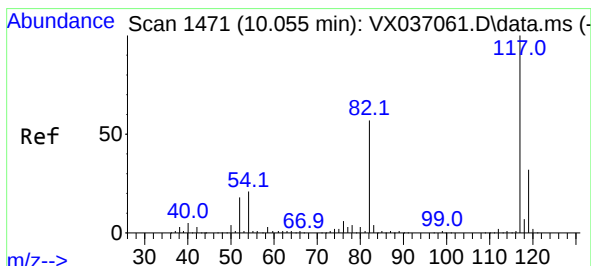
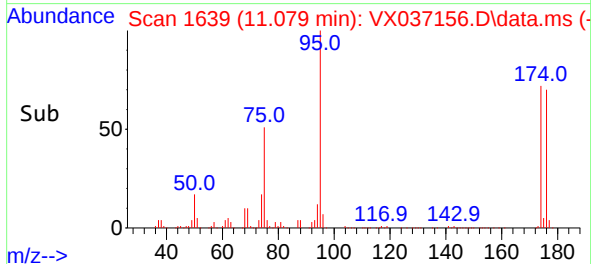
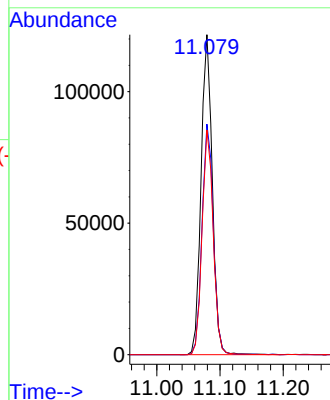
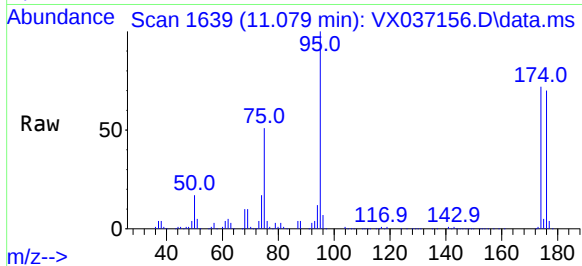




#62
4-Bromofluorobenzene
Concen: 54.478 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

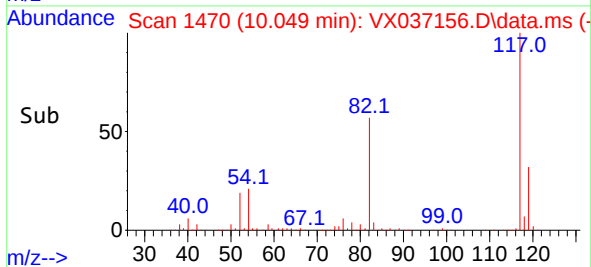
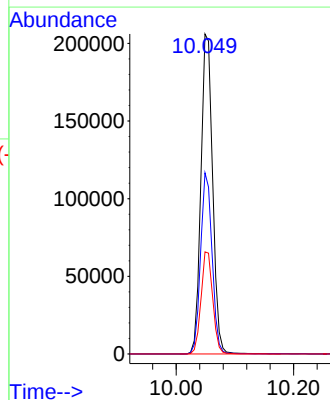
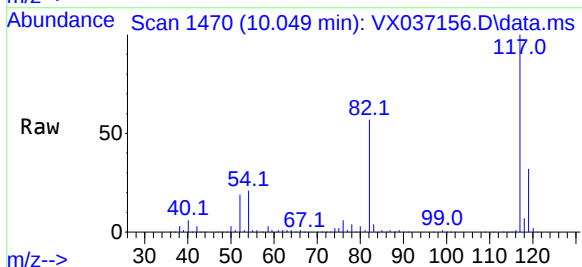
Instrument :
MSVOA_X
ClientSampleId :

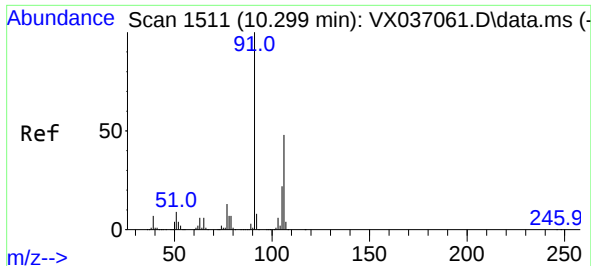
Tgt Ion: 95 Resp: 150360
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 69.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Tgt Ion: 117 Resp: 286401
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 31.9 25.5 38.3

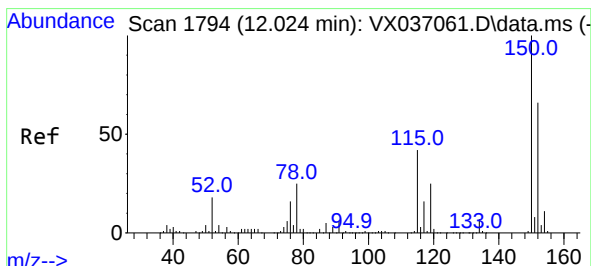
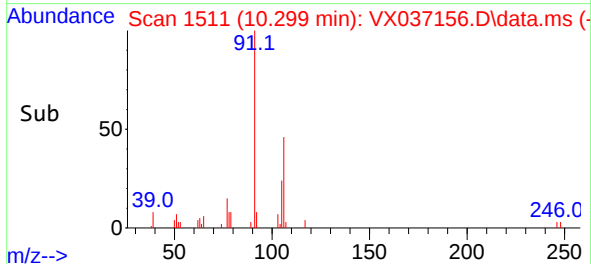
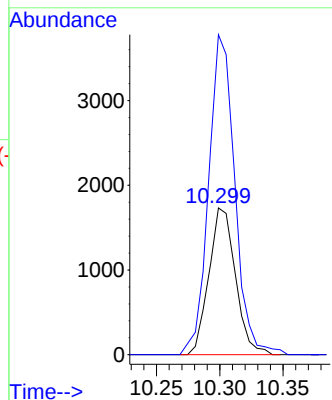
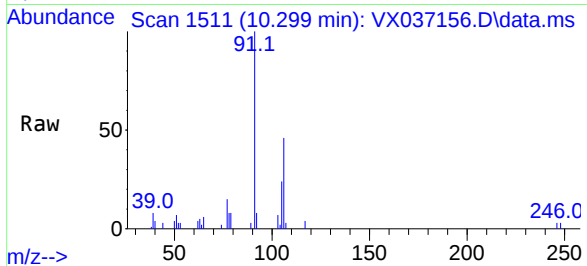




#68
m/p-Xylenes
Concen: 0.615 ug/l
RT: 10.299 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

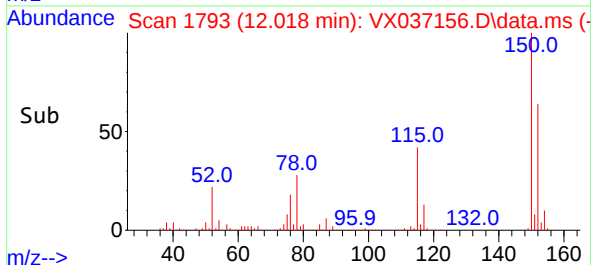
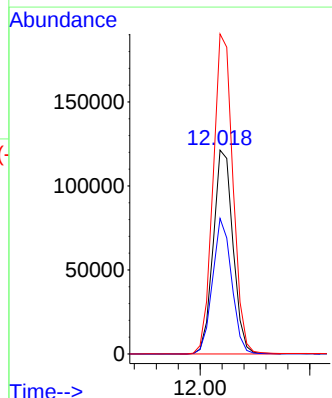
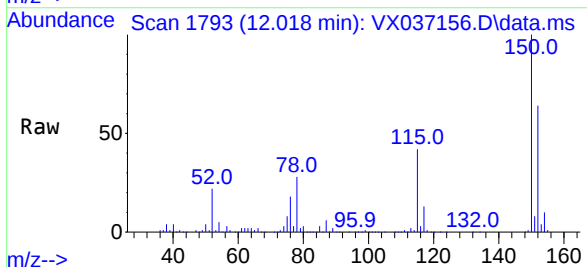
Instrument :
MSVOA_X
ClientSampleId :

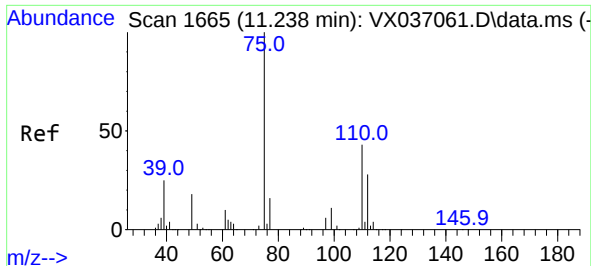
Tgt Ion:106 Resp: 2531
Ion Ratio Lower Upper
106 100
91 214.9 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Tgt Ion:152 Resp: 151850
Ion Ratio Lower Upper
152 100
115 64.1 43.3 129.9
150 157.9 0.0 345.0

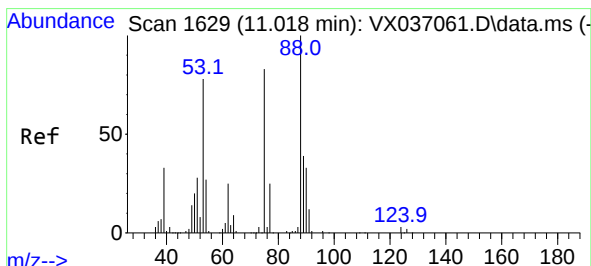
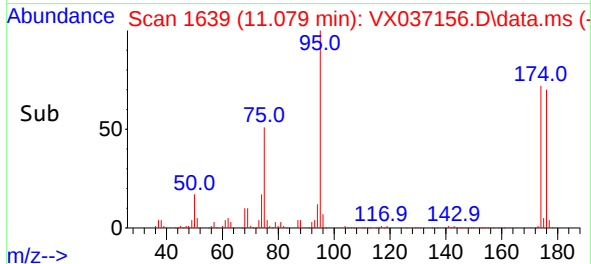
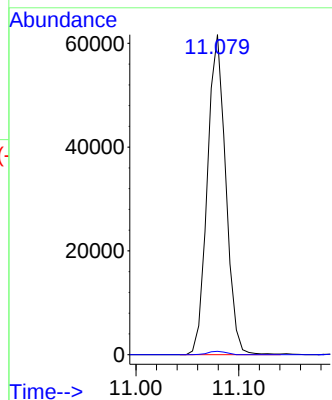
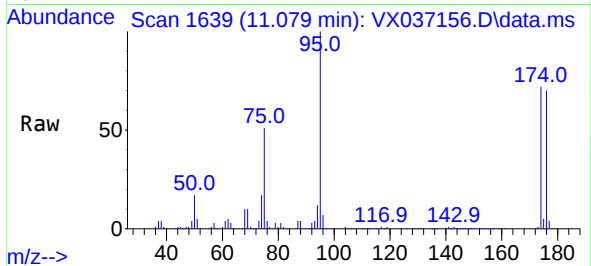




#76
1,2,3-Trichloropropane
Concen: 23.748 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

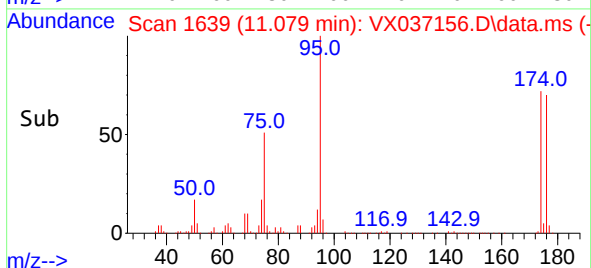
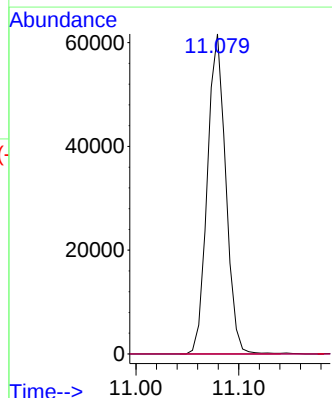
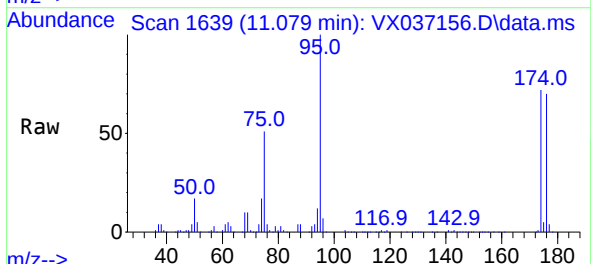
Instrument :
MSVOA_X
ClientSampleId :

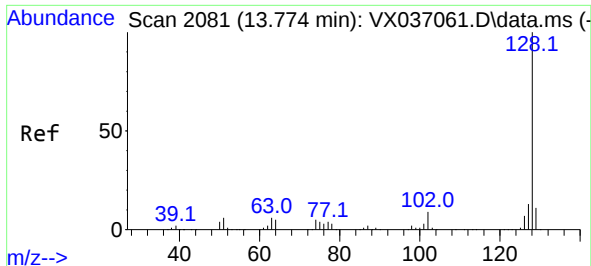
Tgt Ion: 75 Resp: 76800
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.330 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

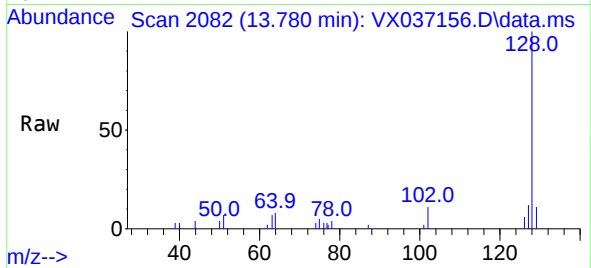
Tgt Ion: 75 Resp: 76800
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.352 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX037156.D
Acq: 22 Aug 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	4454
Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.3	15.5
129	10.2	8.8	13.2

