

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037217.D
 Acq On : 24 Aug 2023 15:30
 Operator : JC/MD
 Sample : 04081-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 24 23:39:10 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	143107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237036	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94842	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90538	43.884	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.760%
35) Dibromofluoromethane	5.385	113	72213	46.000	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.000%
50) Toluene-d8	8.647	98	274089	48.133	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.260%
62) 4-Bromofluorobenzene	11.079	95	104086	46.512	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.020%

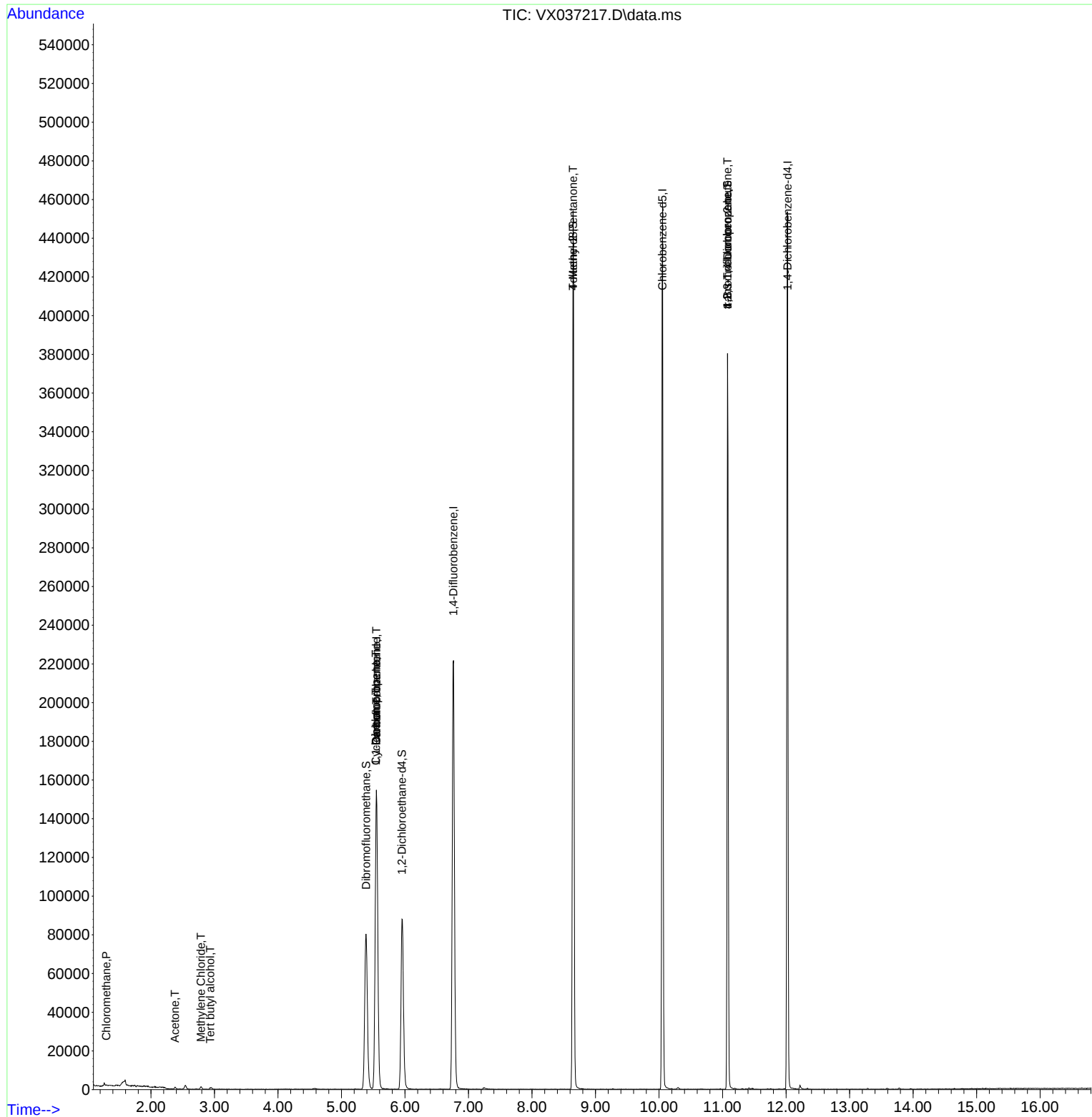
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	315	0.217	ug/l #	43
11) Tert butyl alcohol	2.934	59	585	1.209	ug/l #	78
16) Acetone	2.380	43	1004	1.244	ug/l #	71
20) Methylene Chloride	2.788	84	623	0.345	ug/l #	84
31) Cyclohexane	5.544	56	2904	1.252	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11288	5.061	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15372	6.345	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1065	0.485	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53288	26.382	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	53288	73.688	ug/l #	5

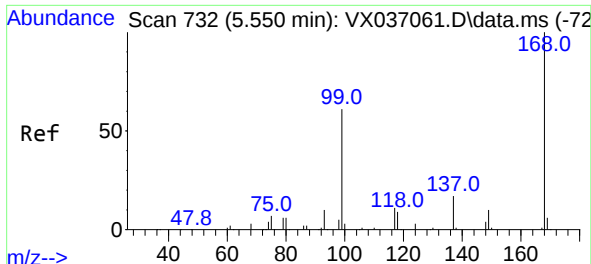
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
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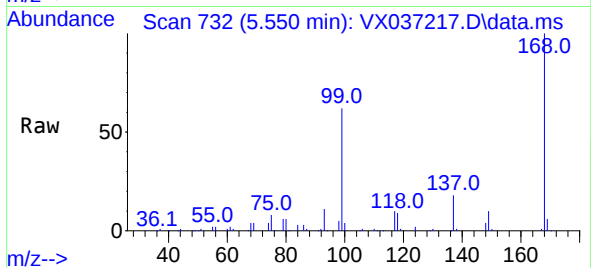
Quant Time: Aug 24 23:39:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



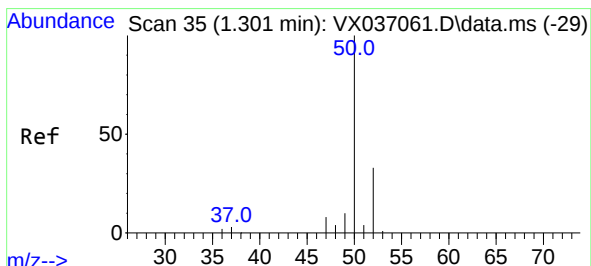
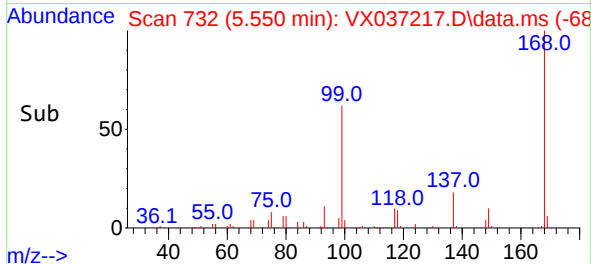
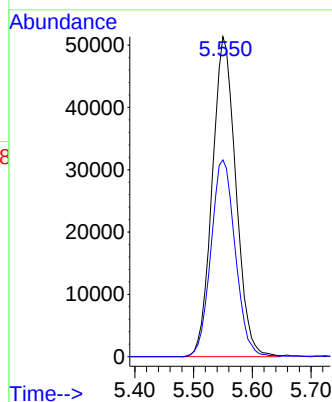


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :

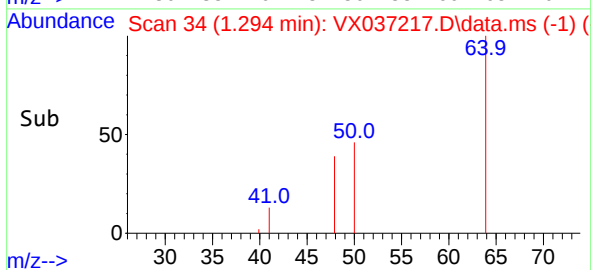
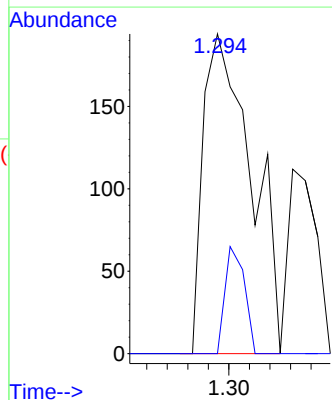
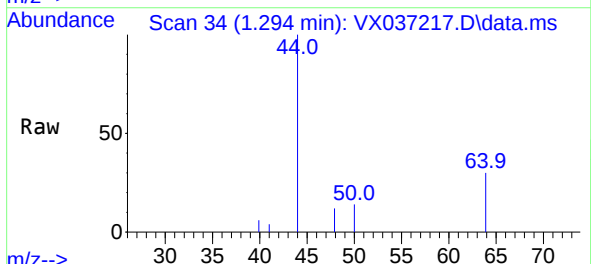


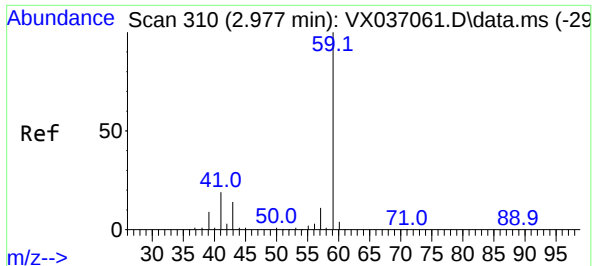
Tgt Ion:168 Resp: 143107
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

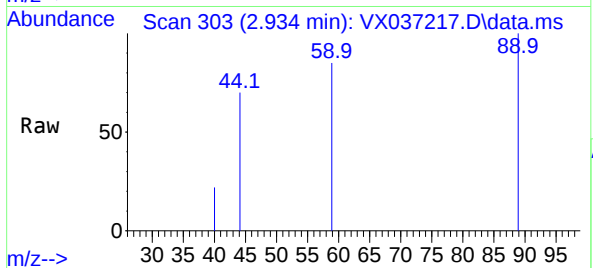
Tgt Ion: 50 Resp: 315
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



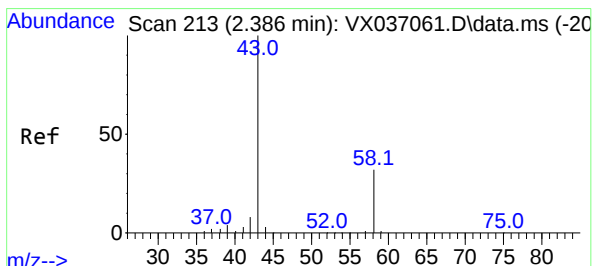
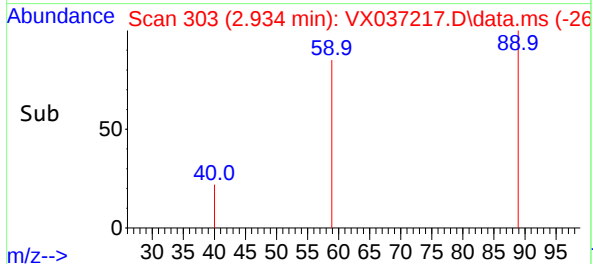
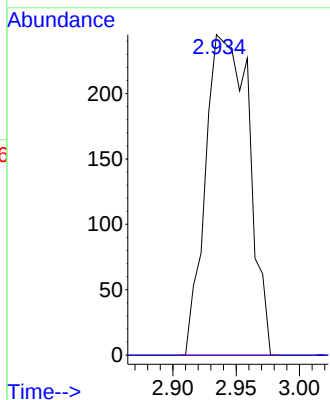


#11
Tert butyl alcohol
Concen: 1.209 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.043 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :

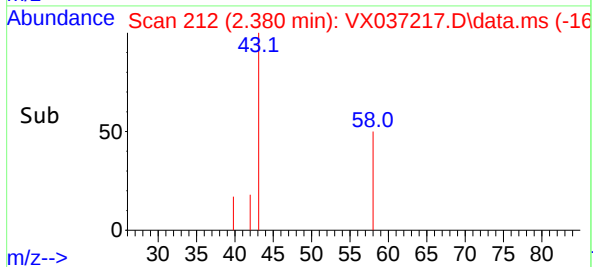
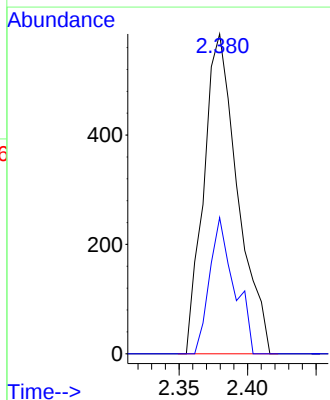
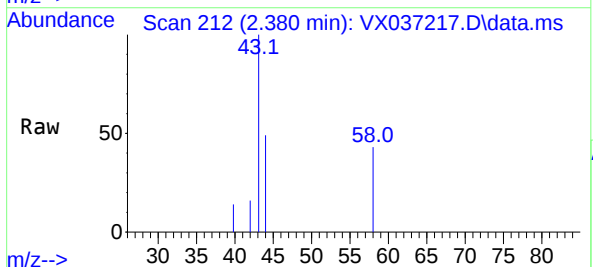


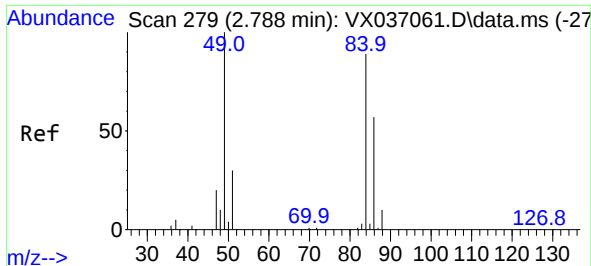
Tgt Ion: 59 Resp: 585
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.244 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

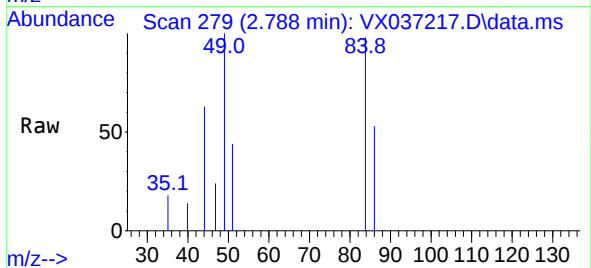
Tgt Ion: 43 Resp: 1004
Ion Ratio Lower Upper
43 100
58 42.6 21.9 32.9#





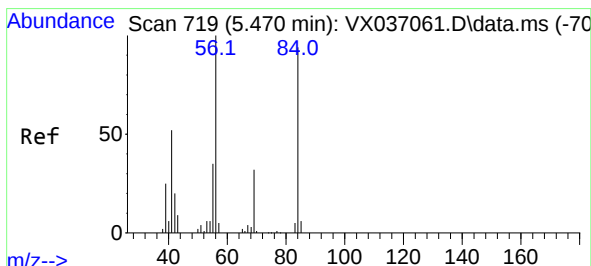
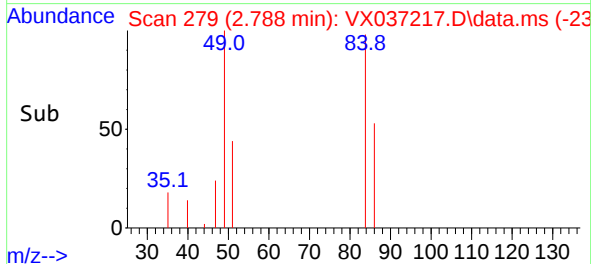
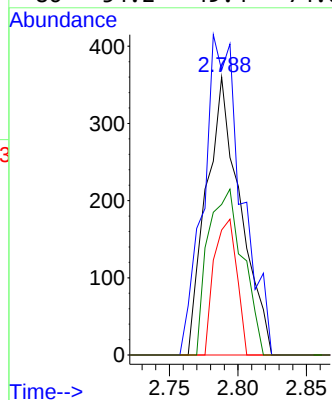
#20
Methylene Chloride
Concen: 0.345 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 623

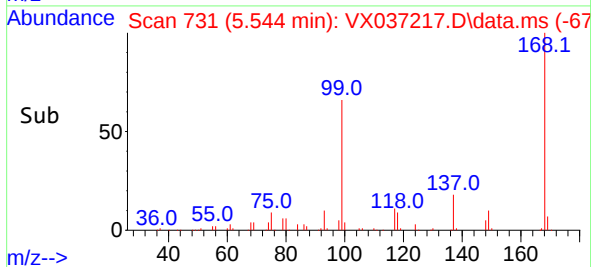
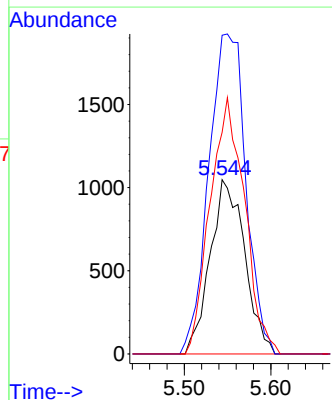
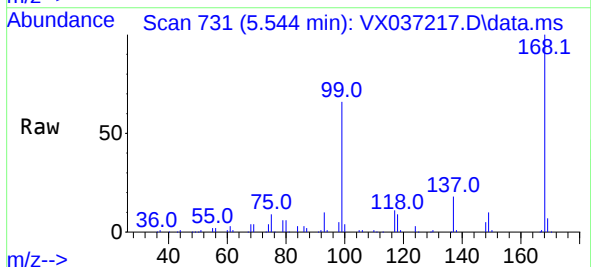
Ion	Ratio	Lower	Upper
84	100		
49	102.5	103.6	155.4#
51	45.0	33.8	50.6
86	54.2	49.4	74.0

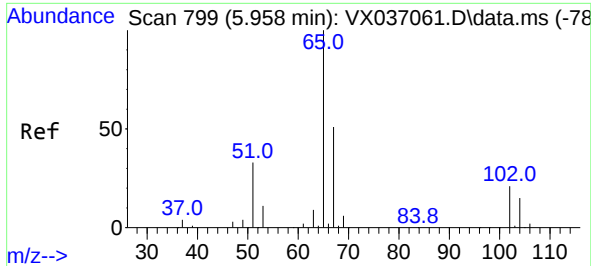


#31
Cyclohexane
Concen: 1.252 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

Tgt Ion: 56 Resp: 2904

Ion	Ratio	Lower	Upper
56	100		
69	182.8	23.4	35.2#
84	127.1	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.884 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037217.D

Acq: 24 Aug 2023 15:30

Instrument :

MSVOA_X

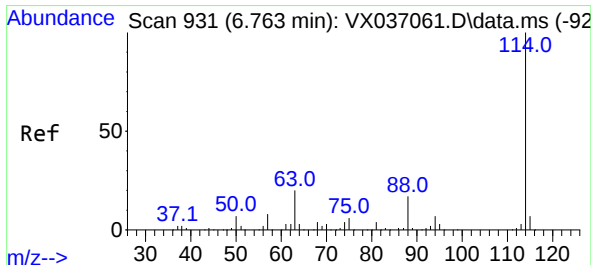
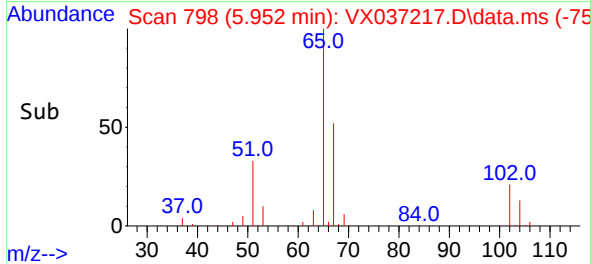
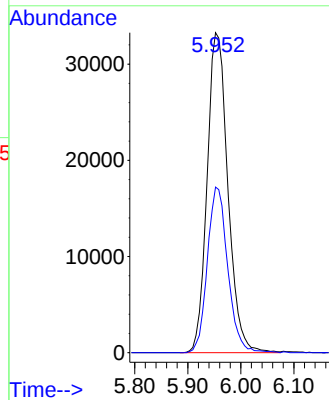
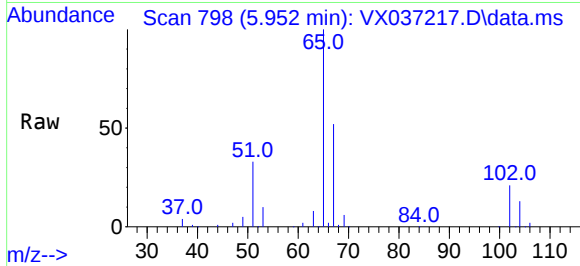
ClientSampleId :

Tgt Ion: 65 Resp: 90538

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# 931

Delta R.T. 0.000 min

Lab File: VX037217.D

Acq: 24 Aug 2023 15:30

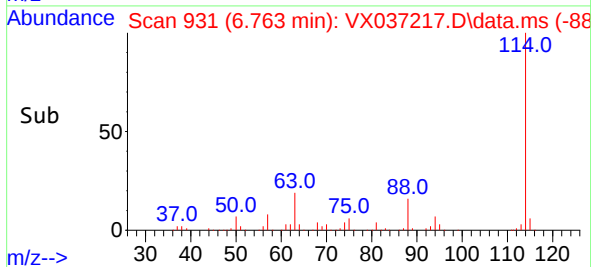
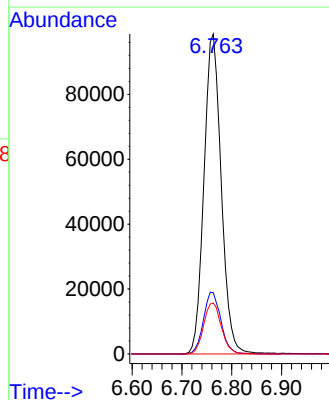
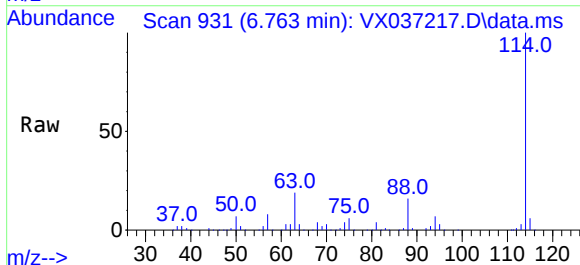
Tgt Ion:114 Resp: 237036

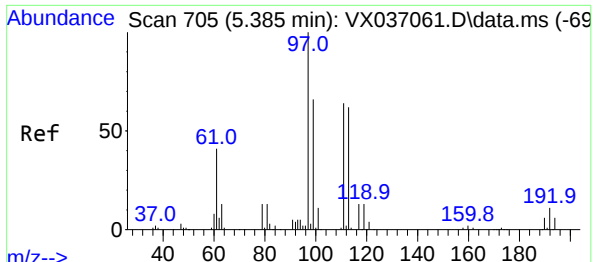
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

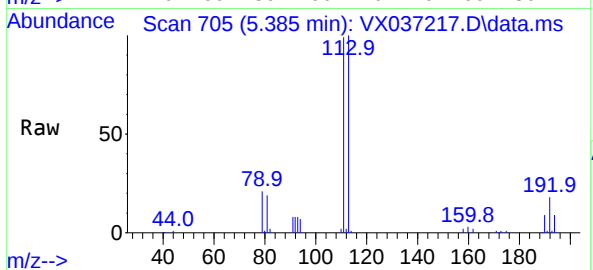
88 15.9 0.0 36.6



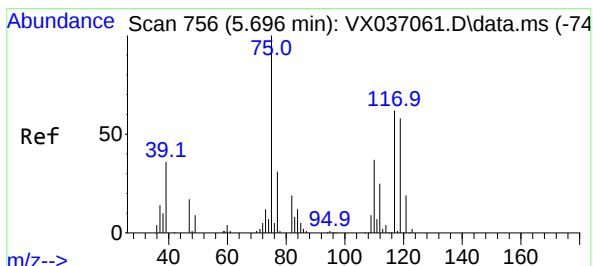
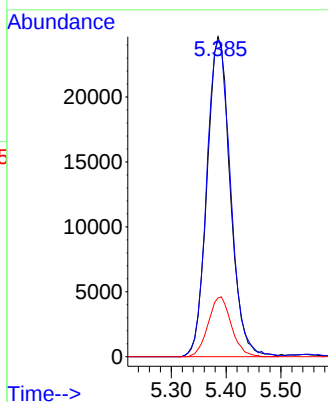
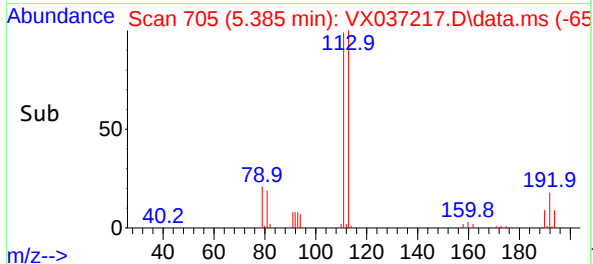


#35
Dibromofluoromethane
Concen: 46.000 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

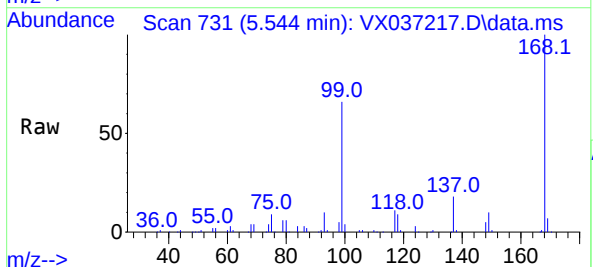
Instrument :
MSVOA_X
ClientSampleId :



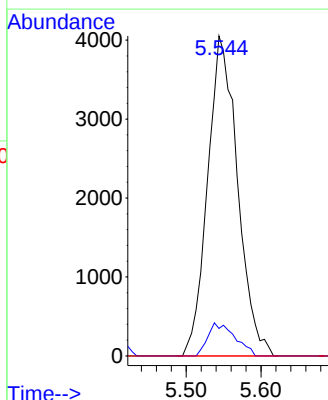
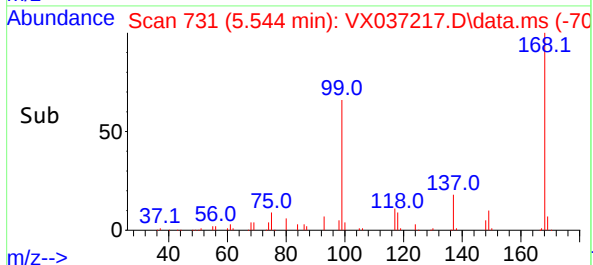
Tgt Ion:113 Resp: 72213
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.7 13.3 19.9

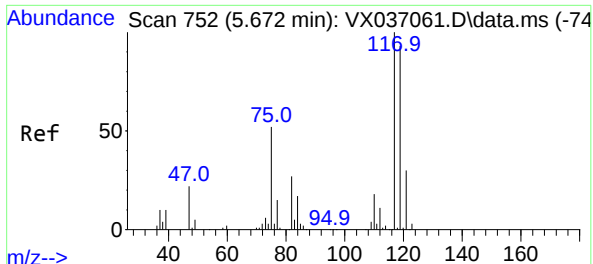


#36
1,1-Dichloropropene
Concen: 5.061 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30



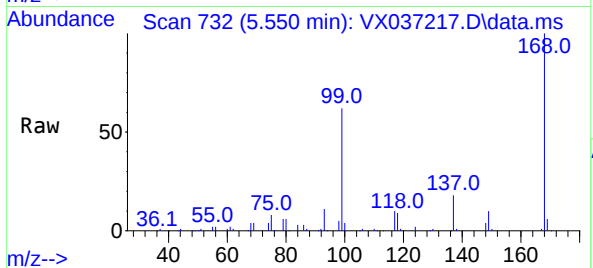
Tgt Ion: 75 Resp: 11288
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



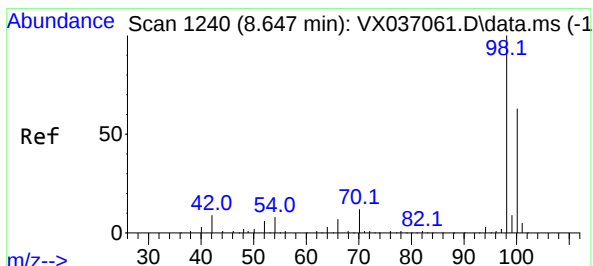
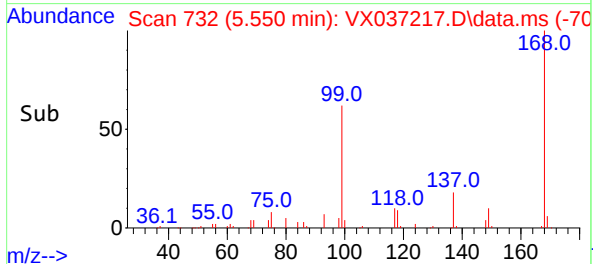
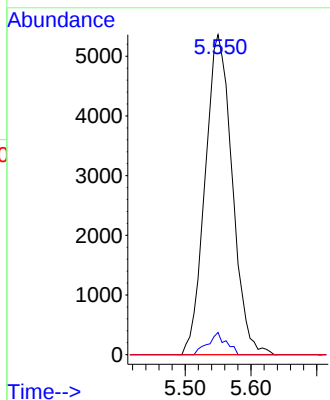


#38
Carbon Tetrachloride
Concen: 6.345 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :

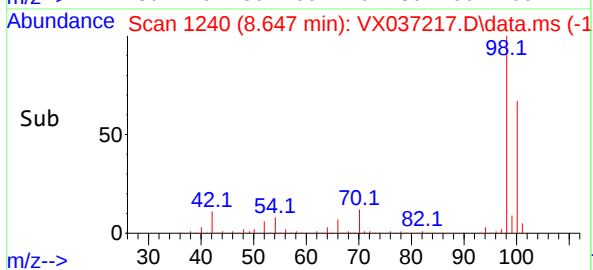
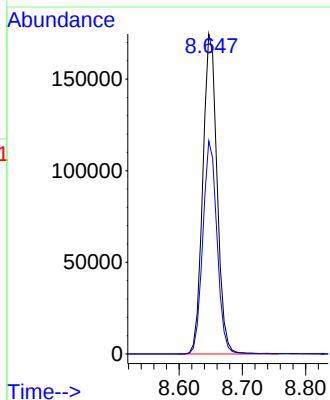
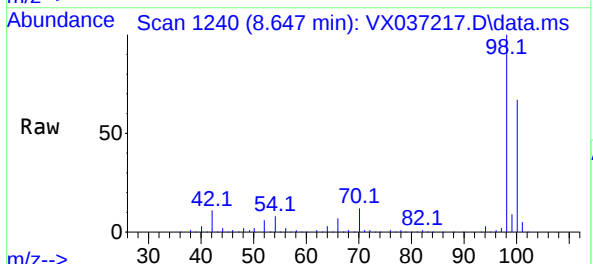


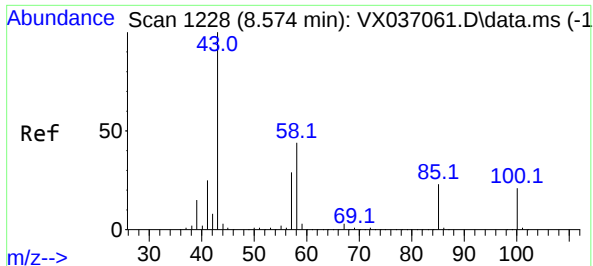
Tgt Ion:117 Resp: 15372
Ion Ratio Lower Upper
117 100
119 6.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.133 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

Tgt Ion: 98 Resp: 274089
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

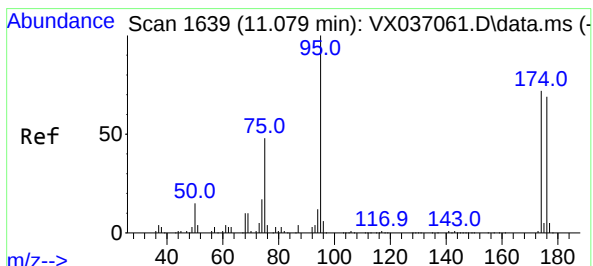
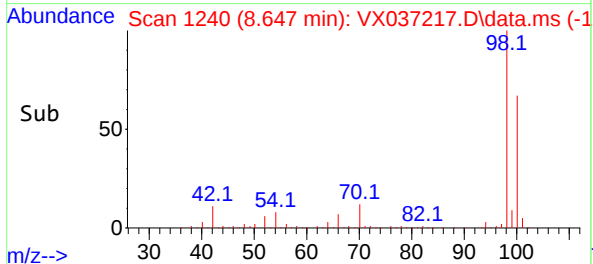
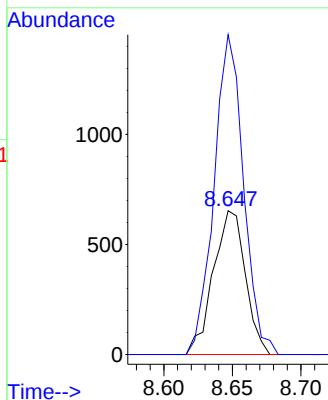
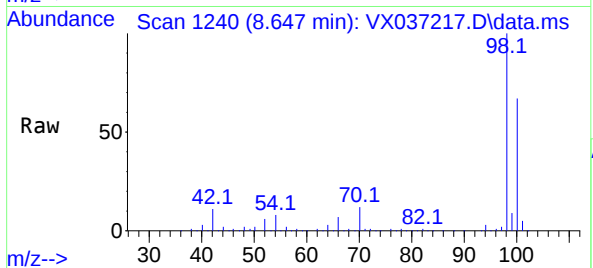




#51
4-Methyl-2-Pentanone
Concen: 0.485 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

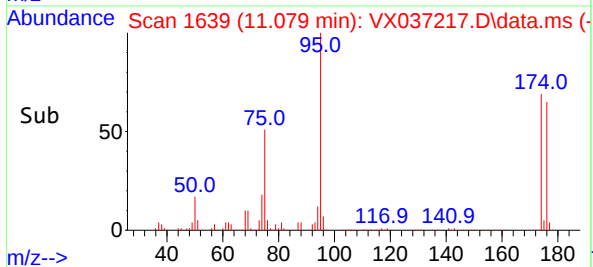
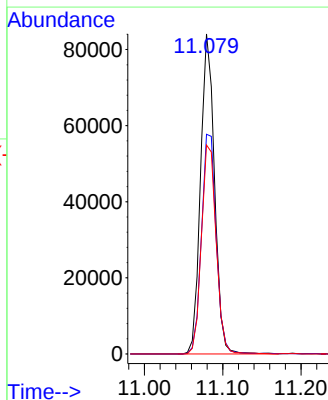
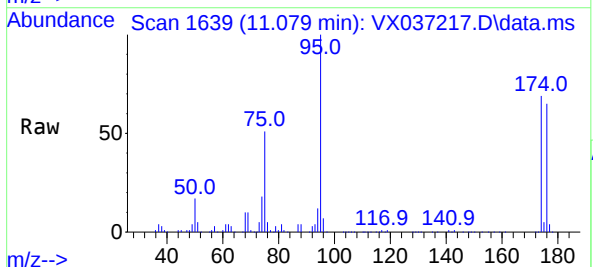
Instrument :
MSVOA_X
ClientSampleId :

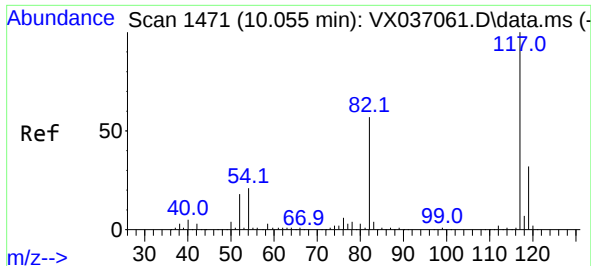
Tgt Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
58 204.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.512 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

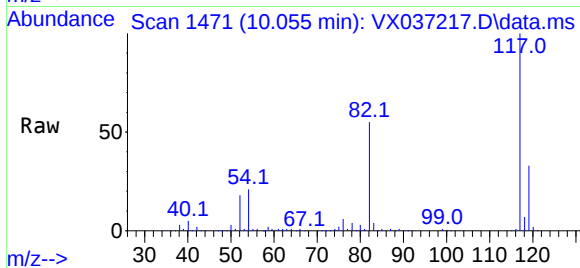
Tgt Ion: 95 Resp: 104086
Ion Ratio Lower Upper
95 100
174 72.1 0.0 135.6
176 69.0 0.0 131.0



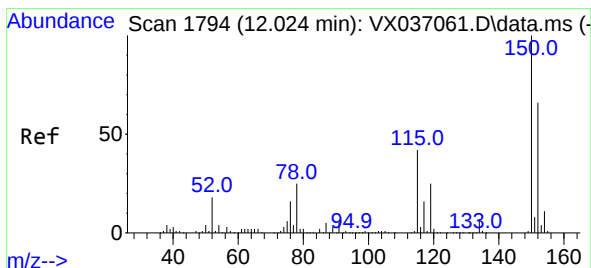
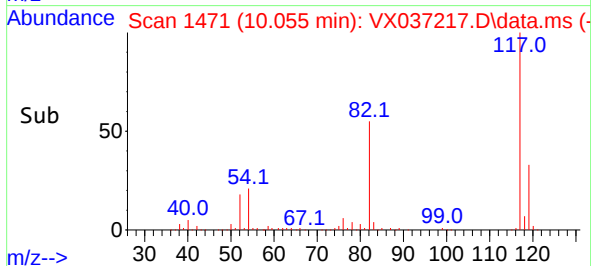
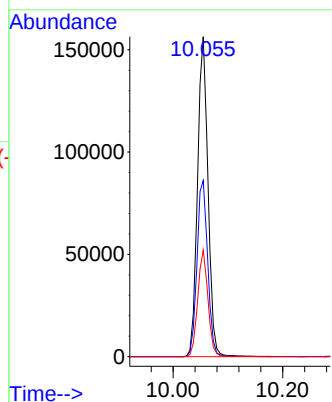


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :

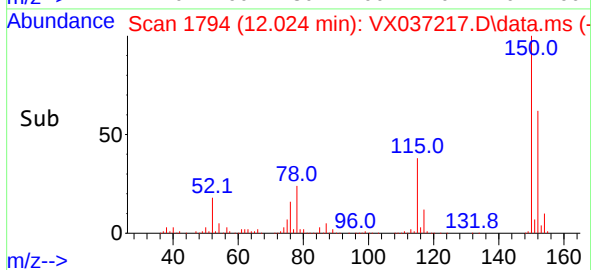
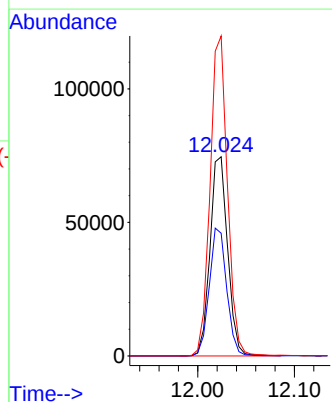
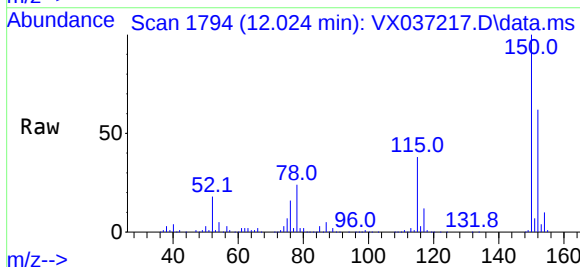


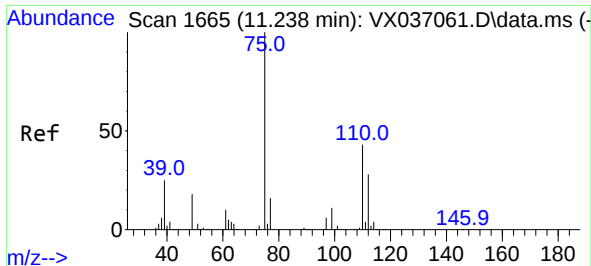
Tgt Ion:117 Resp: 209051
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 33.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

Tgt Ion:152 Resp: 94842
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 158.2 0.0 345.0

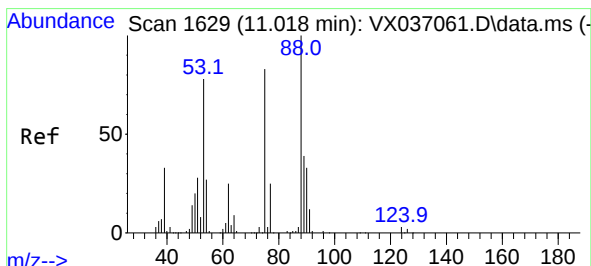
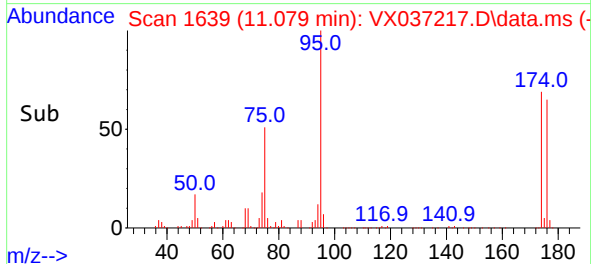
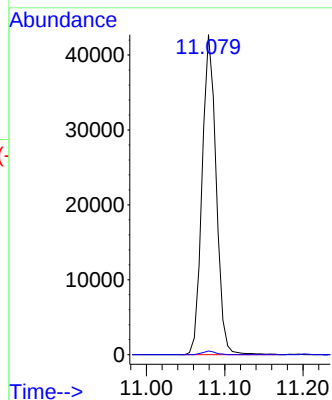
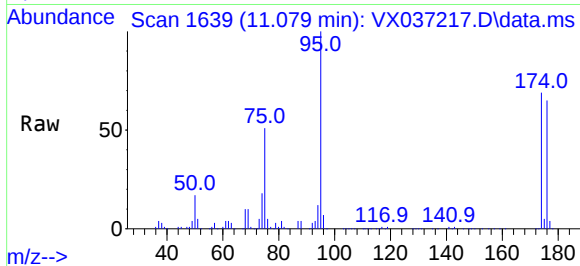




#76
1,2,3-Trichloropropane
Concen: 26.382 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 53288
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.688 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

Tgt Ion: 75 Resp: 53288
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

