

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037208.D
 Acq On : 24 Aug 2023 11:52
 Operator : JC/MD
 Sample : 04093-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 24 23:37:44 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	154376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108143	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97917	43.996	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.000%
35) Dibromofluoromethane	5.385	113	78804	46.689	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.380%
50) Toluene-d8	8.647	98	298783	48.801	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.600%
62) 4-Bromofluorobenzene	11.079	95	116512	48.425	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.840%

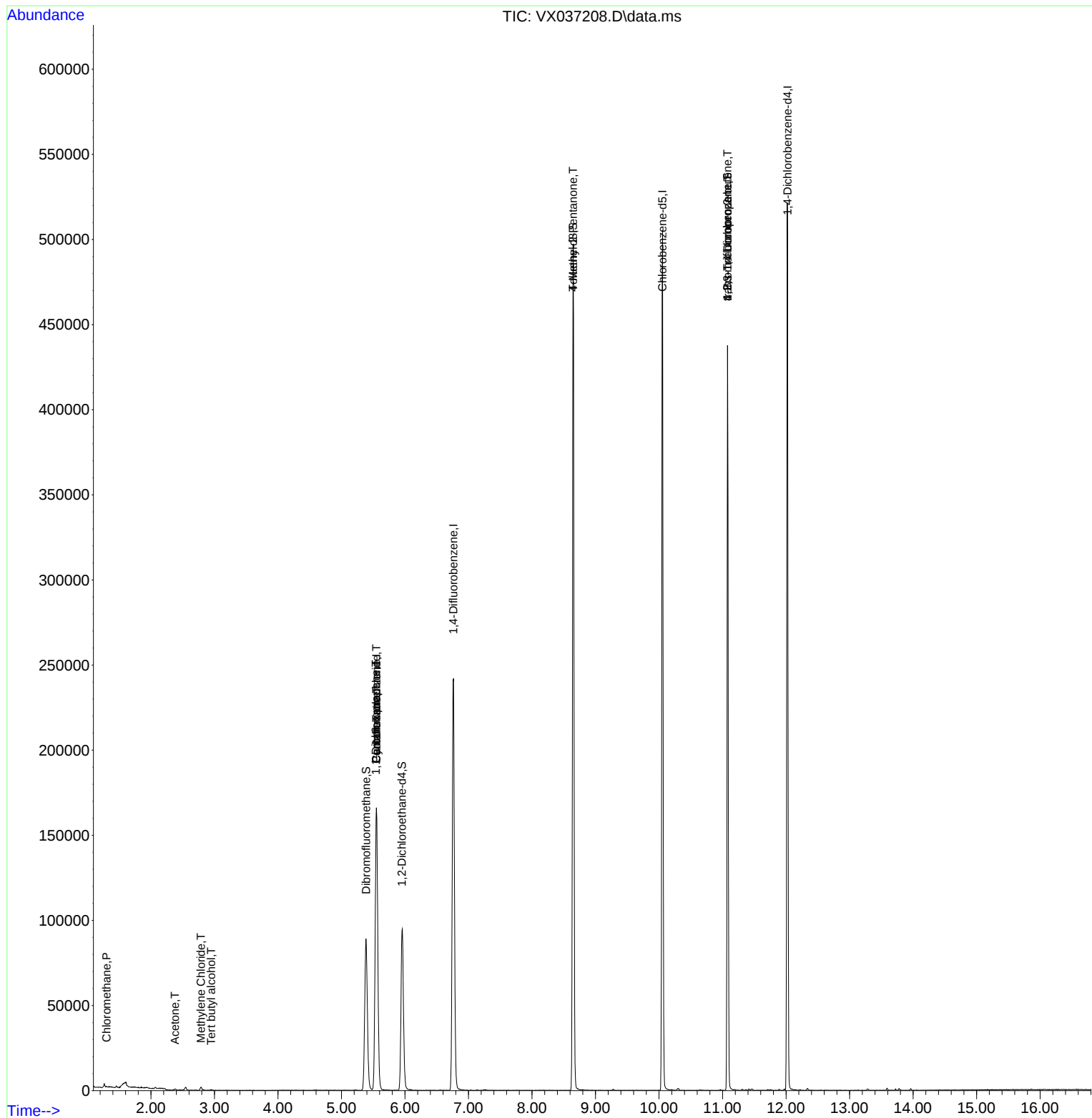
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	380	0.242	ug/l	91
11) Tert butyl alcohol	2.947	59	131	0.251	ug/l #	78
16) Acetone	2.380	43	788	0.905	ug/l #	68
20) Methylene Chloride	2.788	84	1026	0.527	ug/l	92
31) Cyclohexane	5.550	56	3126	1.249	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	12547	5.232	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16534	6.347	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1159	0.491	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	59259	25.730	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	59259	71.866	ug/l #	5

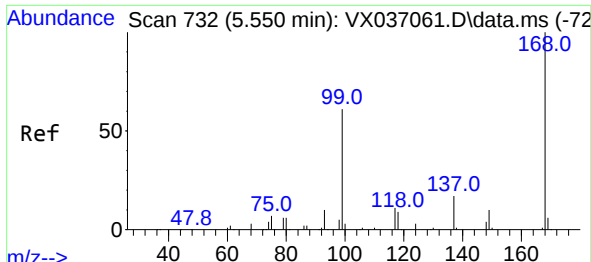
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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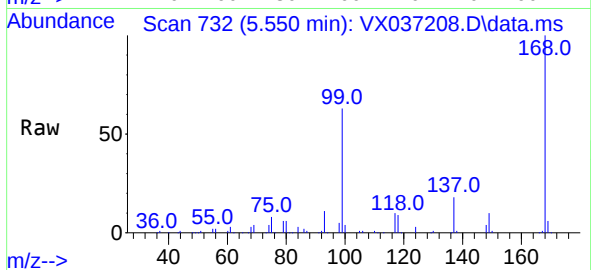
Quant Time: Aug 24 23:37:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



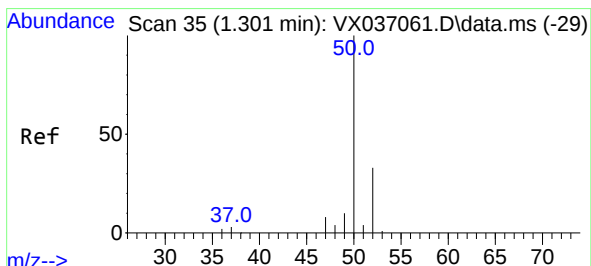
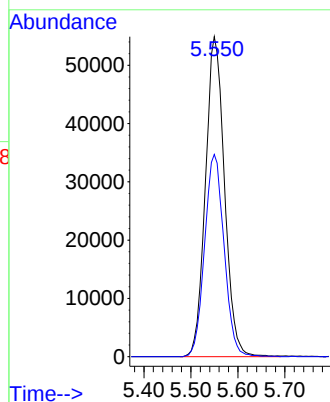
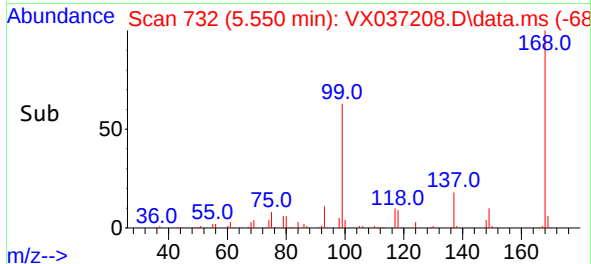


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :

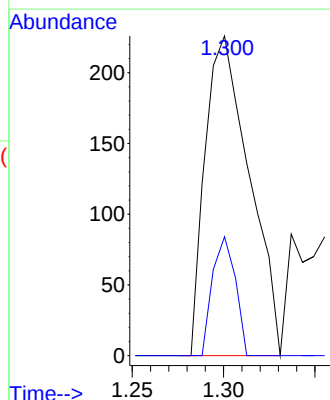
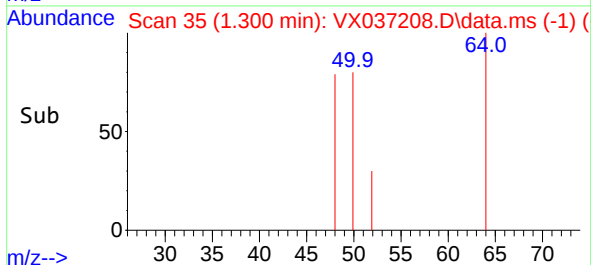
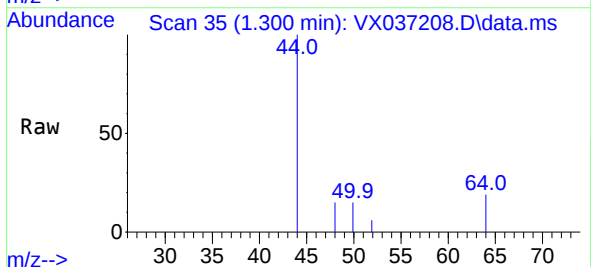


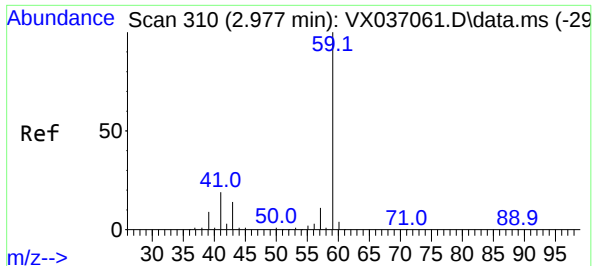
Tgt Ion:168 Resp: 154376
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0



#3
Chloromethane
Concen: 0.242 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

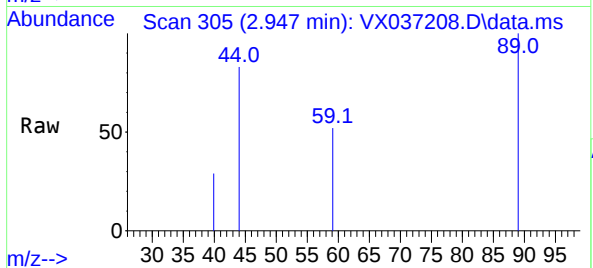
Tgt Ion: 50 Resp: 380
Ion Ratio Lower Upper
50 100
52 37.2 25.5 38.3



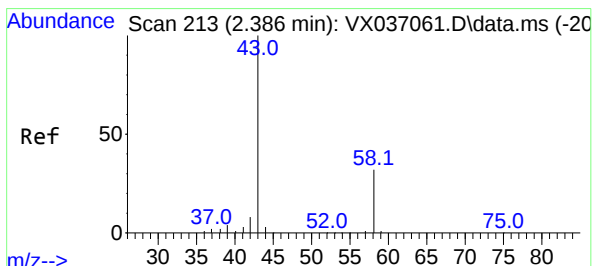
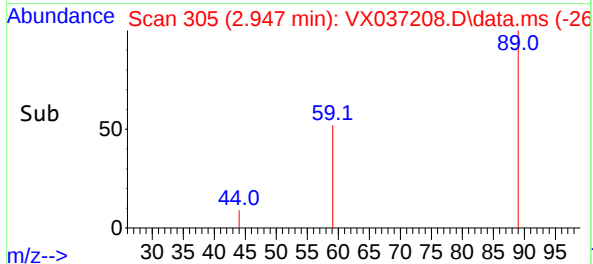
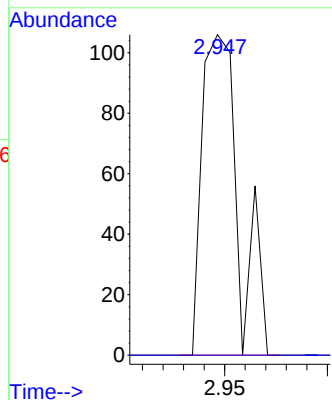


#11
Tert butyl alcohol
Concen: 0.251 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.031 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :

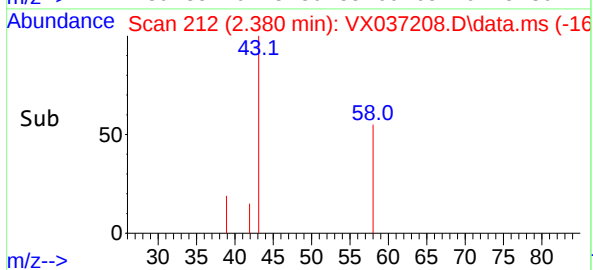
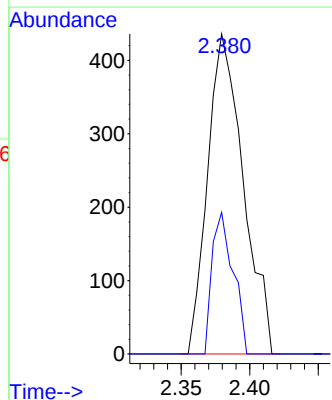
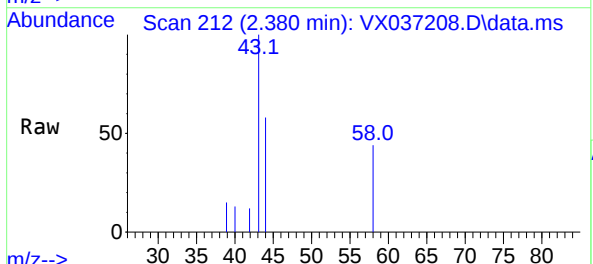


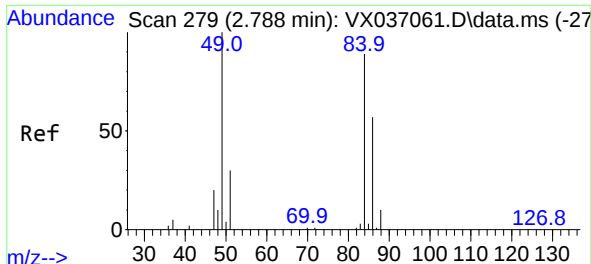
Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 0.905 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

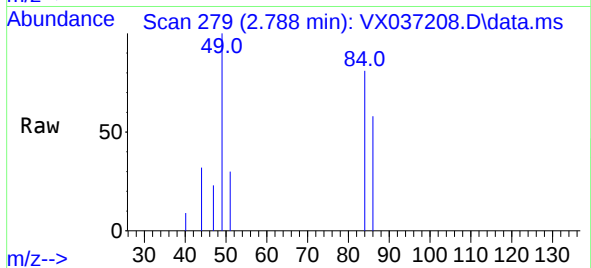
Tgt Ion: 43 Resp: 788
Ion Ratio Lower Upper
43 100
58 44.3 21.9 32.9#





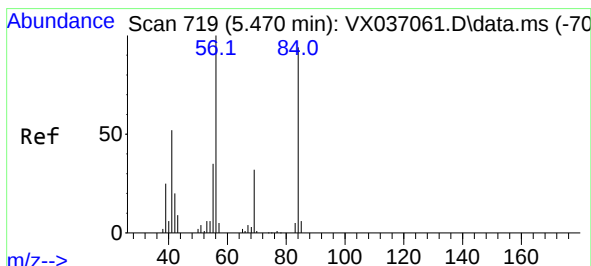
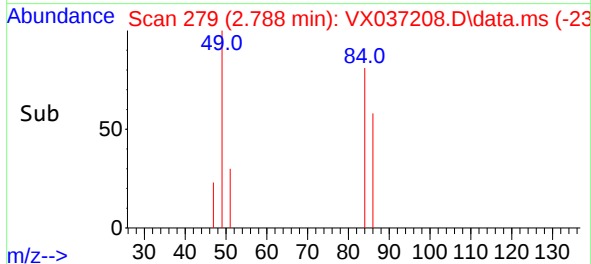
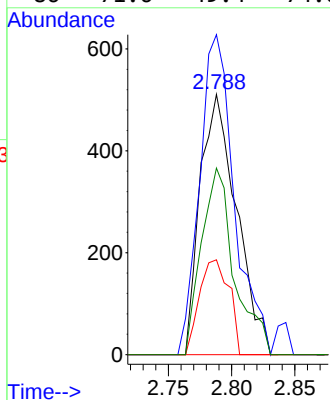
#20
Methylene Chloride
Concen: 0.527 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1026

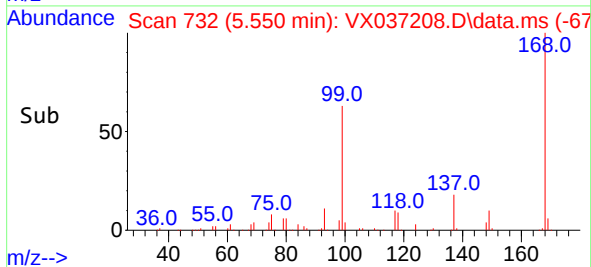
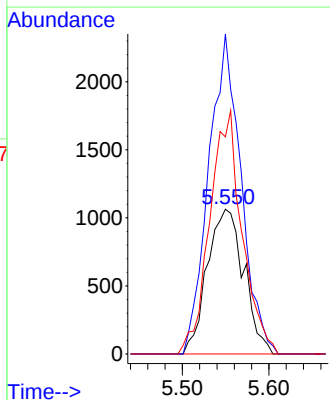
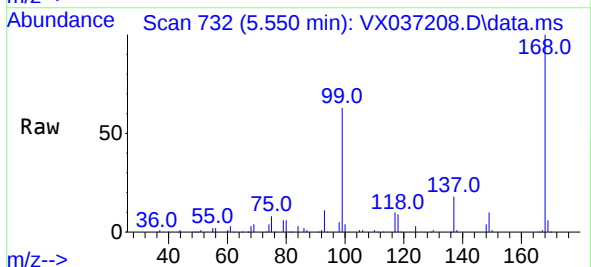
Ion	Ratio	Lower	Upper
84	100		
49	122.9	103.6	155.4
51	36.4	33.8	50.6
86	71.6	49.4	74.0

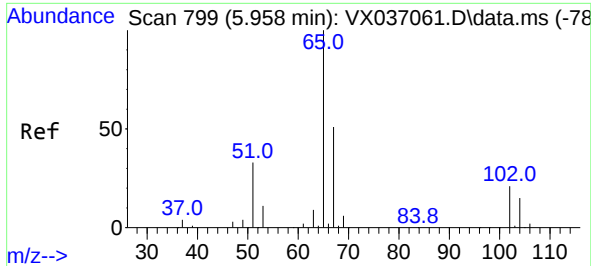


#31
Cyclohexane
Concen: 1.249 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

Tgt Ion: 56 Resp: 3126

Ion	Ratio	Lower	Upper
56	100		
69	221.1	23.4	35.2#
84	150.0	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.996 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037208.D

Acq: 24 Aug 2023 11:52

Instrument :

MSVOA_X

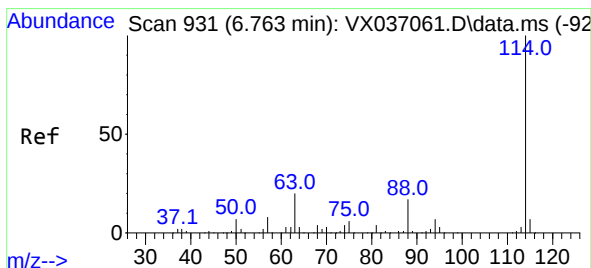
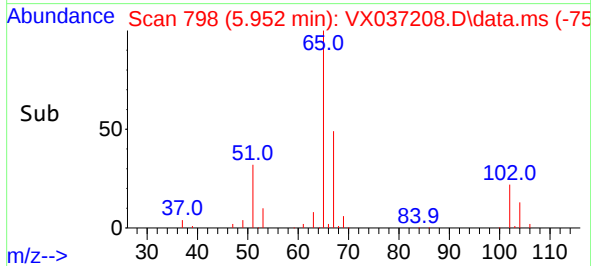
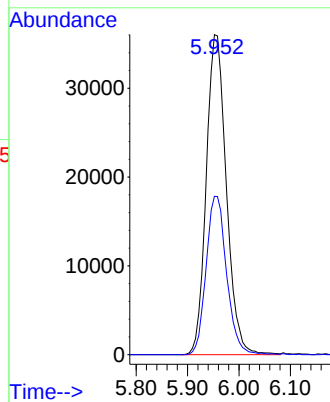
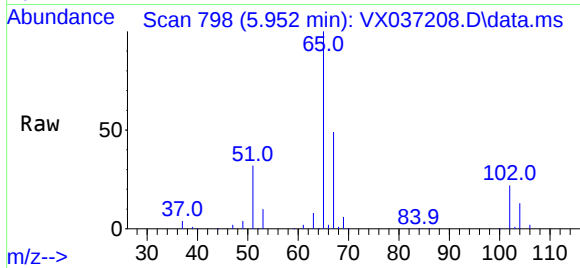
ClientSampleId :

Tgt Ion: 65 Resp: 97917

Ion Ratio Lower Upper

65 100

67 50.4 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: VX037208.D

Acq: 24 Aug 2023 11:52

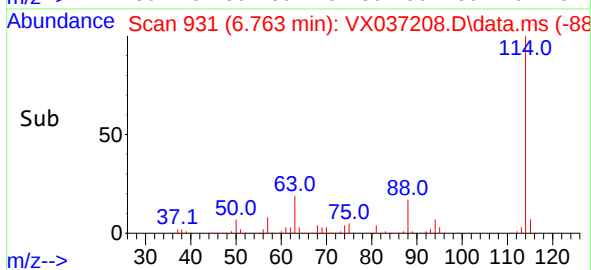
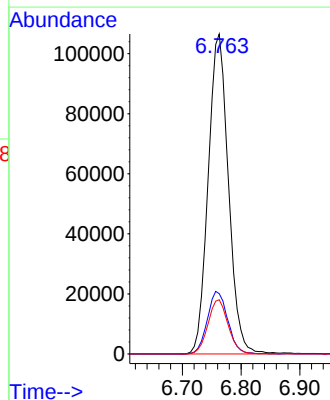
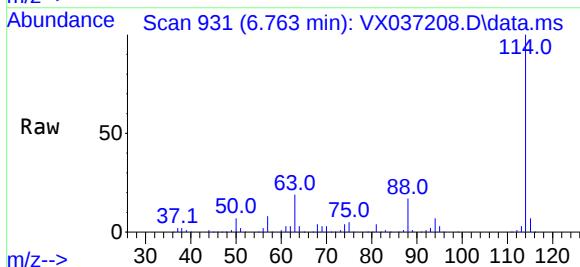
Tgt Ion: 114 Resp: 254856

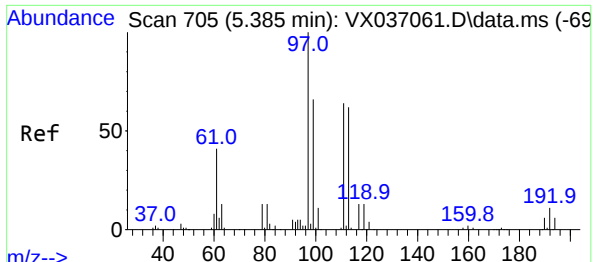
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

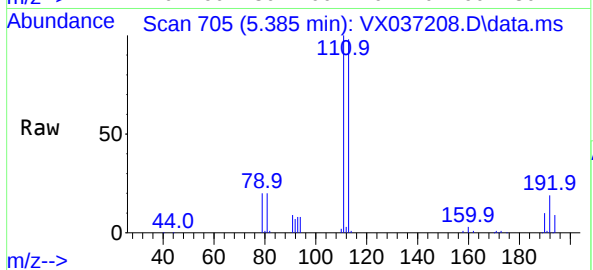
88 17.0 0.0 36.6





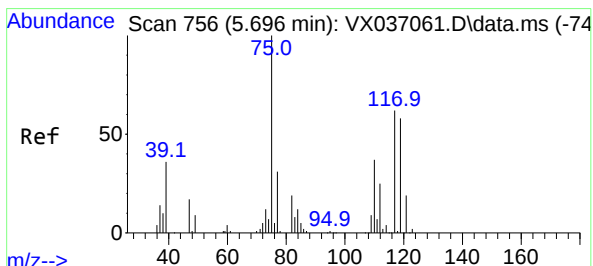
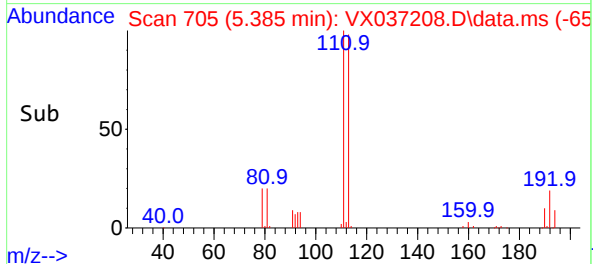
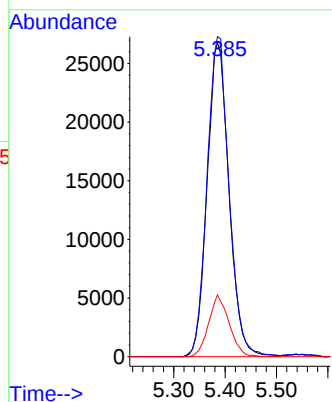
#35
Dibromofluoromethane
Concen: 46.689 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:113 Resp: 78804

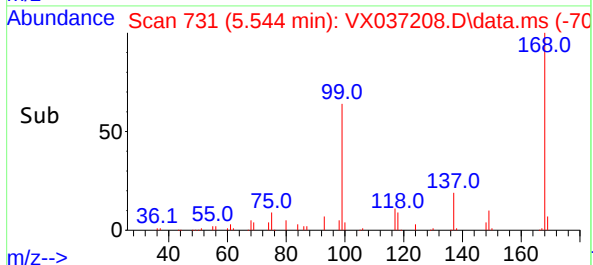
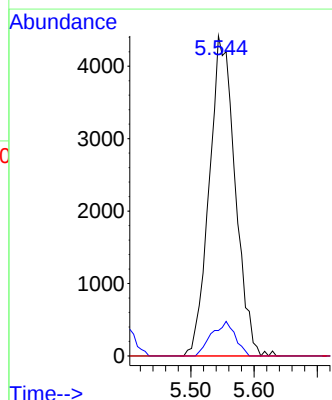
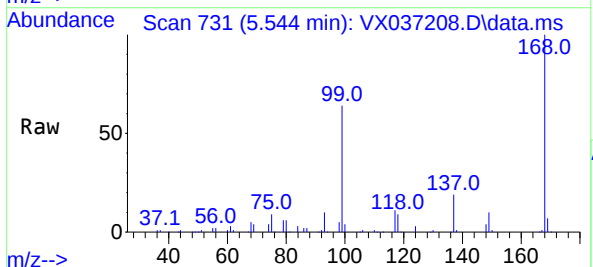
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	18.5	13.3	19.9

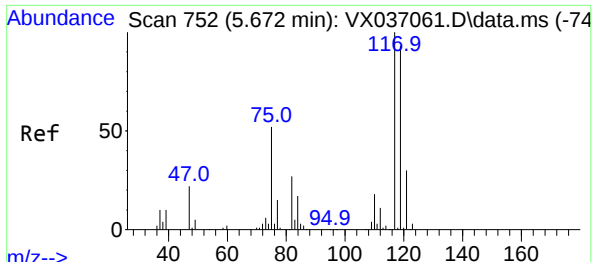


#36
1,1-Dichloropropene
Concen: 5.232 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

Tgt Ion: 75 Resp: 12547

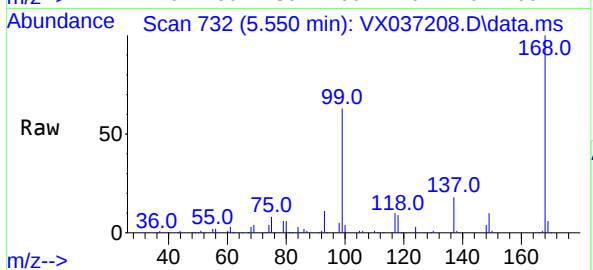
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.0	50.9#
77	0.0	24.7	37.1#



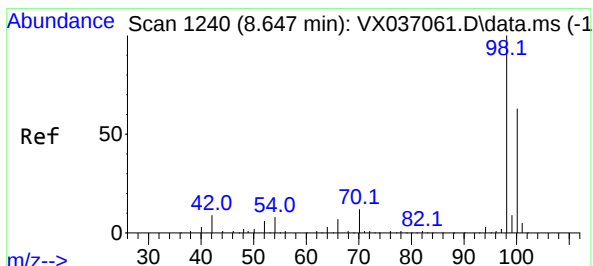
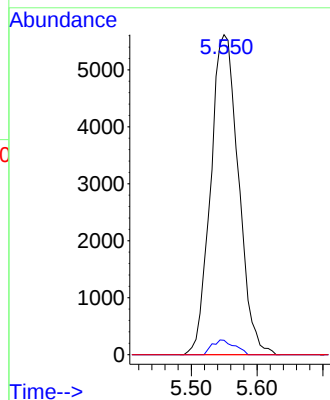
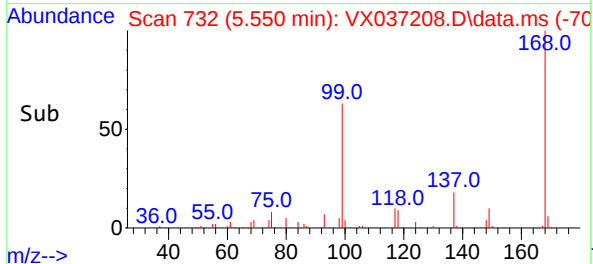


#38
Carbon Tetrachloride
Concen: 6.347 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :

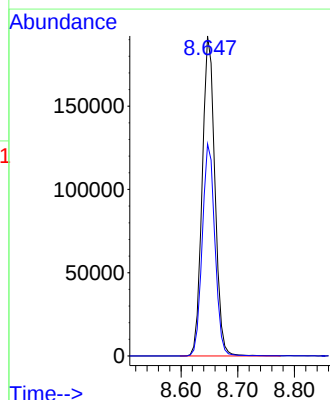
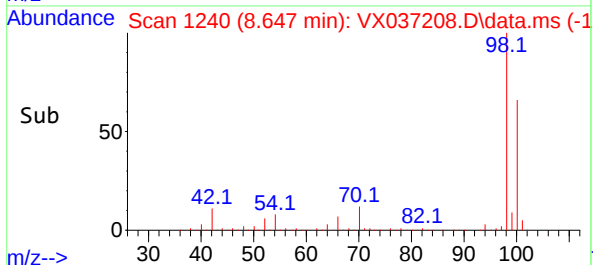
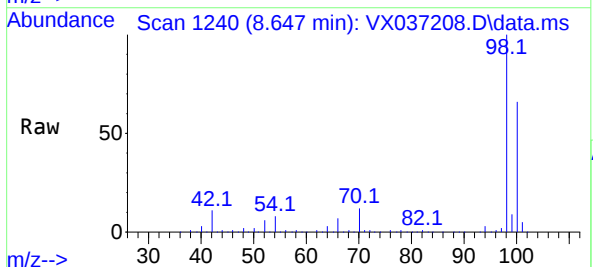


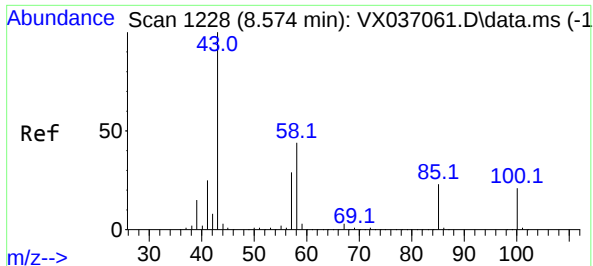
Tgt Ion:117 Resp: 16534
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.801 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

Tgt Ion: 98 Resp: 298783
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.491 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX037208.D

Acq: 24 Aug 2023 11:52

Instrument :

MSVOA_X

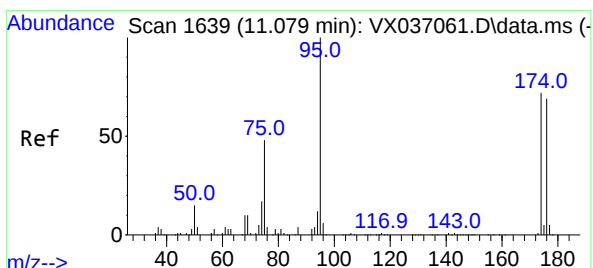
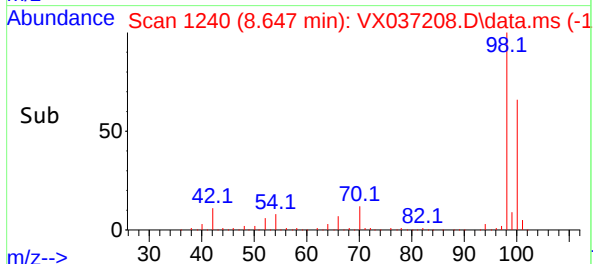
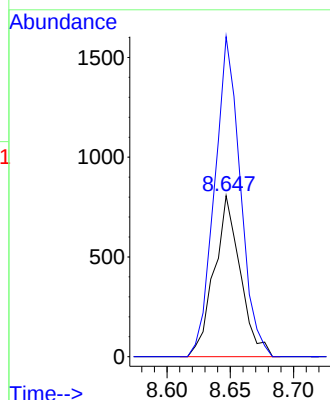
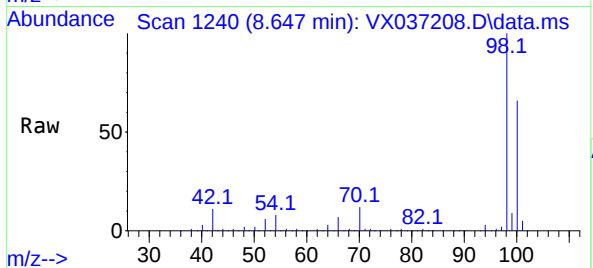
ClientSampleId :

Tgt Ion: 43 Resp: 1159

Ion Ratio Lower Upper

43 100

58 195.9 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 48.425 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037208.D

Acq: 24 Aug 2023 11:52

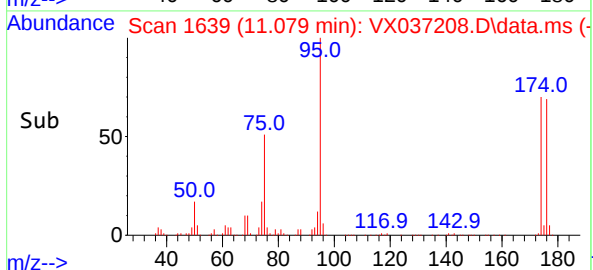
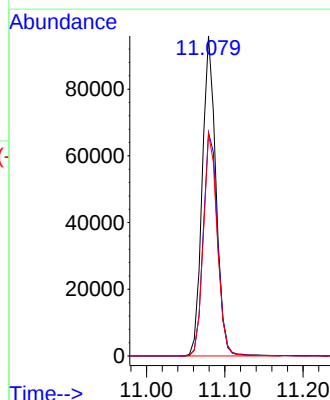
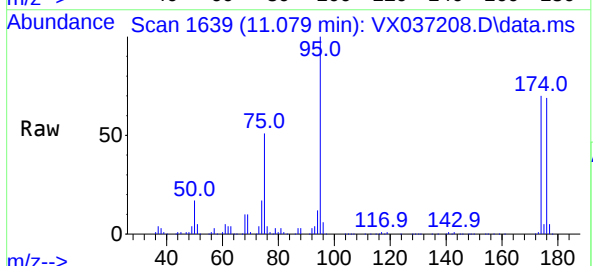
Tgt Ion: 95 Resp: 116512

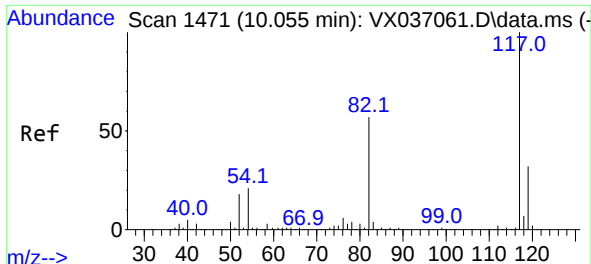
Ion Ratio Lower Upper

95 100

174 72.7 0.0 135.6

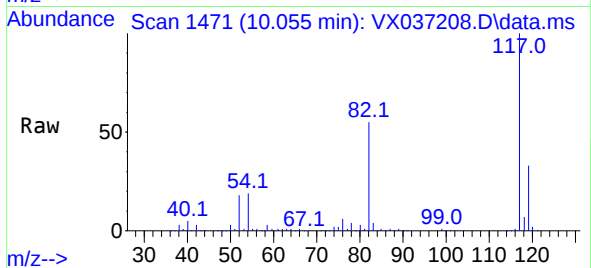
176 70.5 0.0 131.0



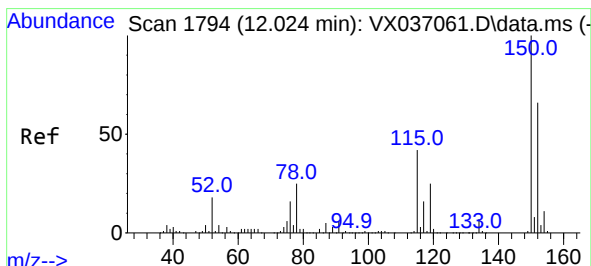
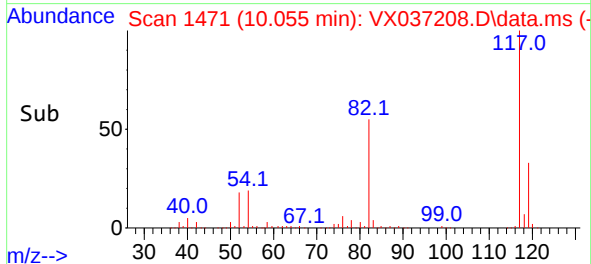
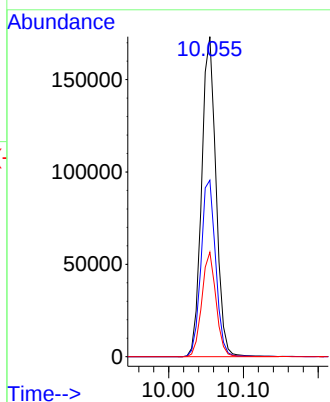


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :

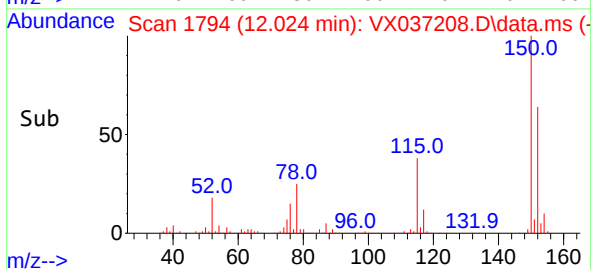
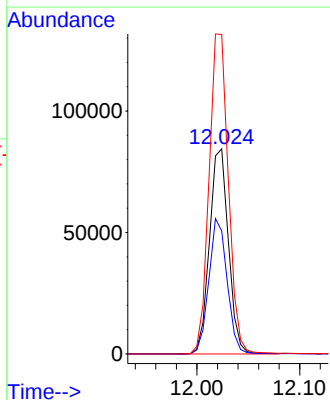
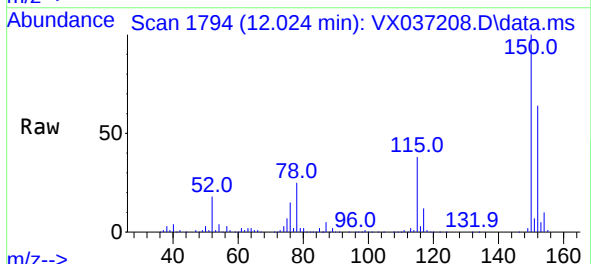


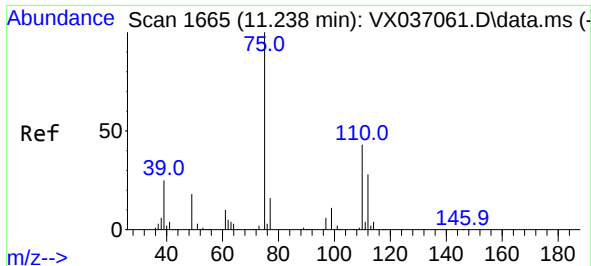
Tgt Ion:117 Resp: 231719
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

Tgt Ion:152 Resp: 108143
Ion Ratio Lower Upper
152 100
115 64.0 43.3 129.9
150 159.1 0.0 345.0

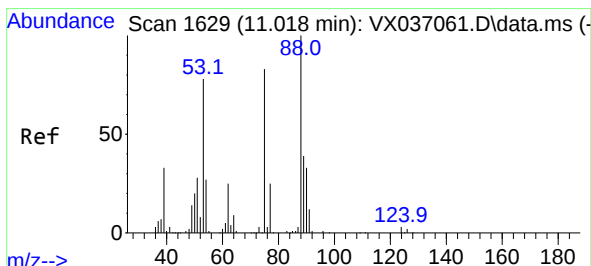
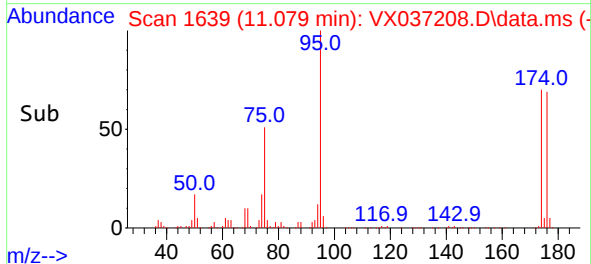
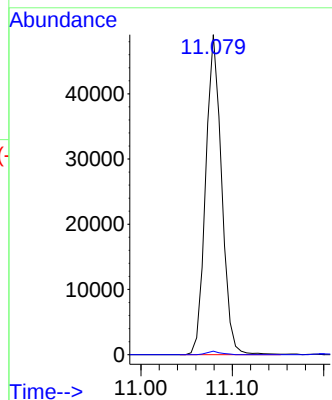
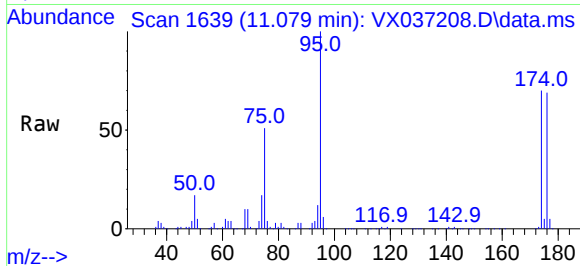




#76
1,2,3-Trichloropropane
Concen: 25.730 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 59259
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.866 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037208.D
Acq: 24 Aug 2023 11:52

Tgt Ion: 75 Resp: 59259
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

