

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037150.D
 Acq On : 22 Aug 2023 13:19
 Operator : JC/MD
 Sample : VX0822WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 22 15:38:28 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)

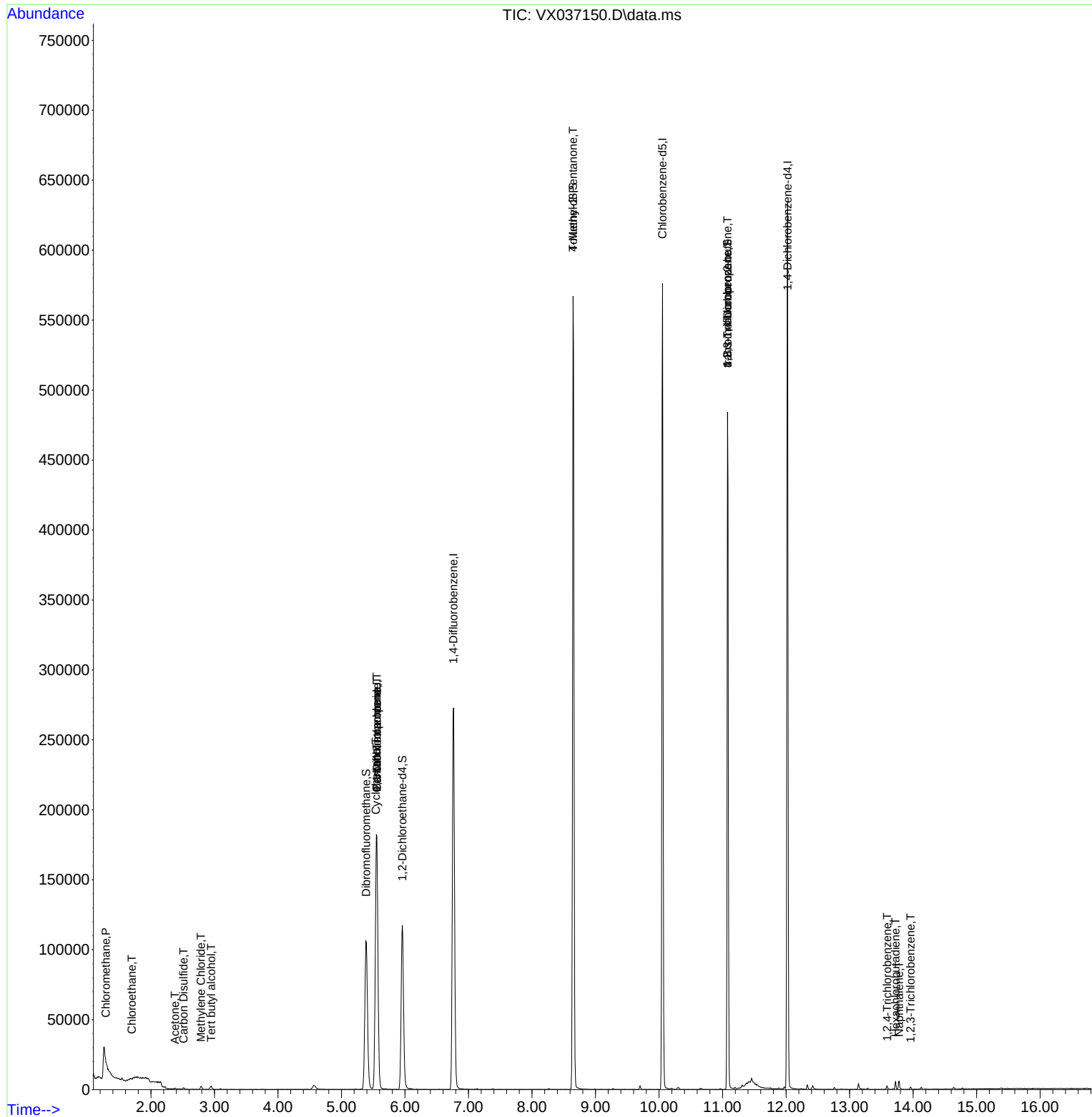
Internal Standards						
1) Pentafluorobenzene	5.555	168	167762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	287797	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	117727	48.676	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	97.360%	
35) Dibromofluoromethane	5.385	113	94069	49.354	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.700%	
50) Toluene-d8	8.646	98	338052	48.895	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.800%	
62) 4-Bromofluorobenzene	11.079	95	134342	49.444	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	98.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	688	0.404	ug/l #	43
6) Chloroethane	1.696	64	4658	4.265	ug/l #	50
11) Tert butyl alcohol	2.946	59	1377	2.427	ug/l #	78
16) Acetone	2.379	43	621	0.656	ug/l	92
17) Carbon Disulfide	2.513	76	1131	0.257	ug/l #	93
20) Methylene Chloride	2.788	84	1075	0.508	ug/l	85
31) Cyclohexane	5.543	56	3708	1.363	ug/l #	11
36) 1,1-Dichloropropene	5.555	75	13521	4.993	ug/l #	51
38) Carbon Tetrachloride	5.555	117	18402	6.256	ug/l #	15
51) 4-Methyl-2-Pentanone	8.646	43	1380	0.517	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	68772	24.257	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	68772	67.751	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	681	0.269	ug/l	85
94) Hexachlorobutadiene	13.725	225	779	0.795	ug/l	97
95) Naphthalene	13.780	128	4386	0.395	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	552	0.219	ug/l	96

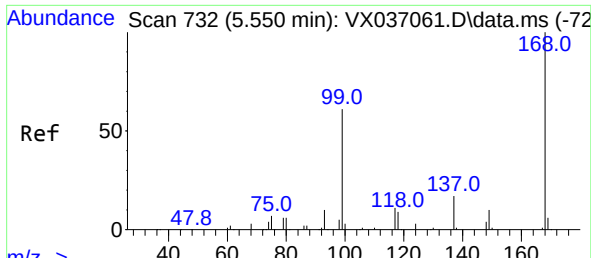
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.555 min Scan# 71

Delta R.T. 0.005 min

Lab File: VX037150.D

Acq: 22 Aug 2023 13:19

Instrument :

MSVOA_X

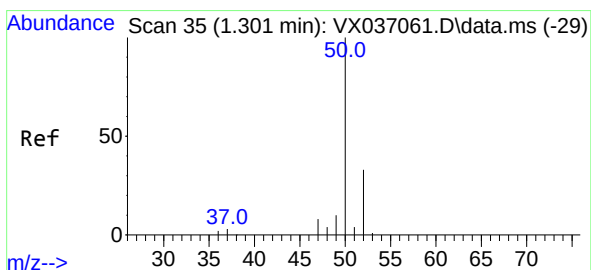
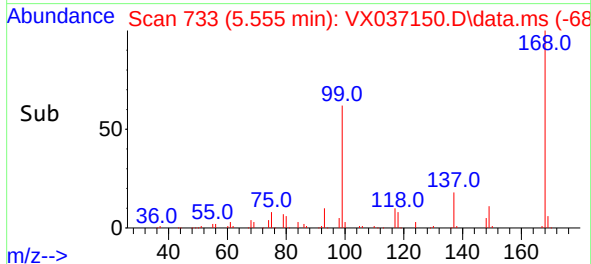
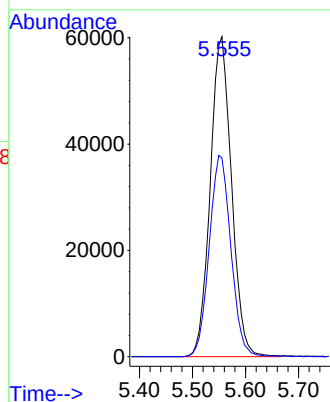
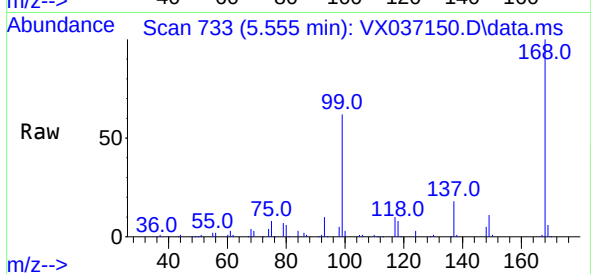
ClientSampleId :

Tgt Ion:168 Resp: 167762

Ion Ratio Lower Upper

168 100

99 62.0 56.6 85.0



#3

Chloromethane

Concen: 0.404 ug/l

RT: 1.288 min Scan# 33

Delta R.T. -0.013 min

Lab File: VX037150.D

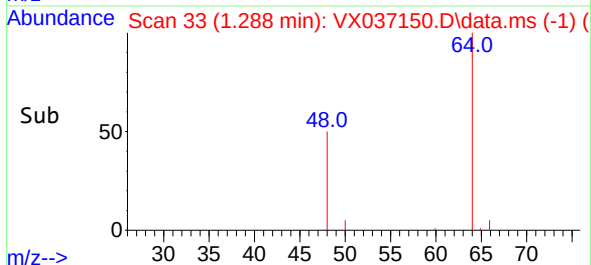
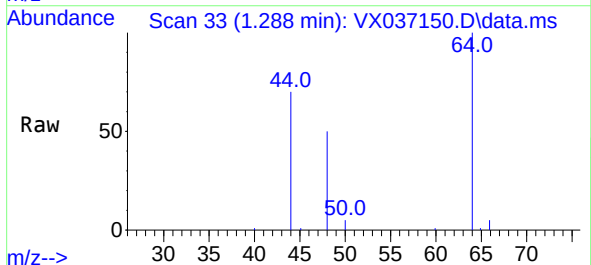
Acq: 22 Aug 2023 13:19

Tgt Ion: 50 Resp: 688

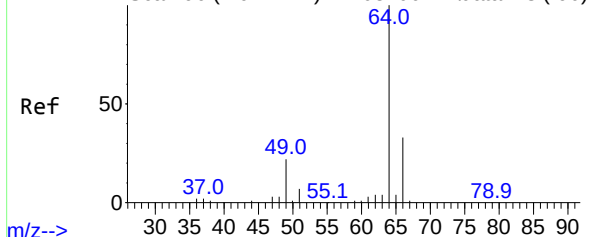
Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#



Abundance Scan 96 (1.672 min): VX037061.D\data.ms (-90)

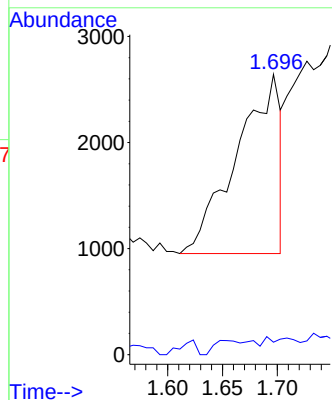
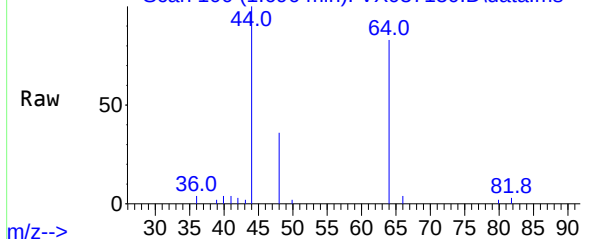


#6
Chloroethane
Concen: 4.265 ug/l
RT: 1.696 min Scan# 10
Delta R.T. 0.024 min
Lab File: VX037150.D
Acq: 22 Aug 2023 13:19

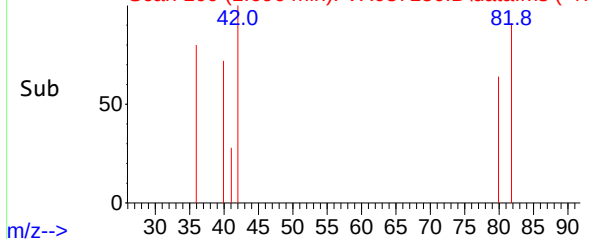
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 4658
Ion Ratio Lower Upper
64 100
66 3.8 25.1 37.7#

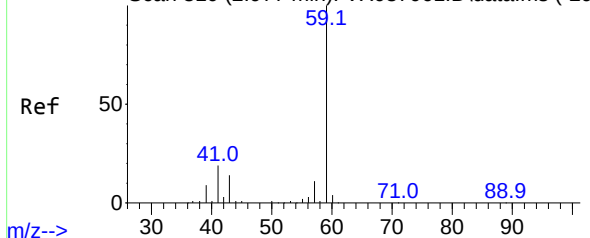
Abundance Scan 100 (1.696 min): VX037150.D\data.ms



Abundance Scan 100 (1.696 min): VX037150.D\data.ms (-47)



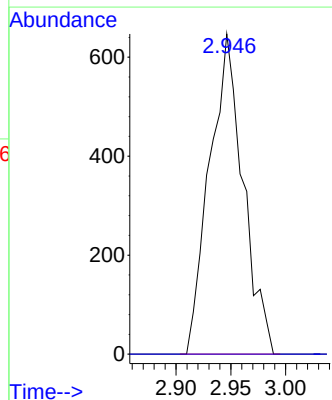
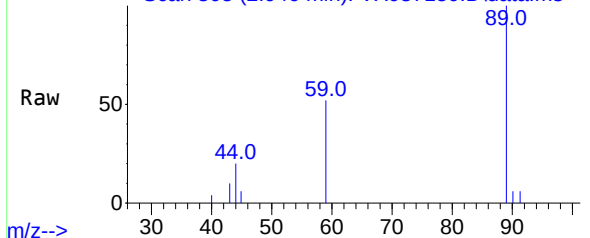
Abundance Scan 310 (2.977 min): VX037061.D\data.ms (-29)



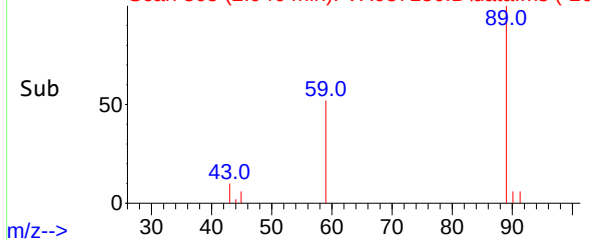
#11
Tert butyl alcohol
Concen: 2.427 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX037150.D
Acq: 22 Aug 2023 13:19

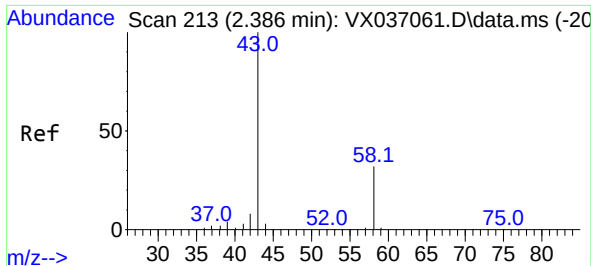
Tgt Ion: 59 Resp: 1377
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

Abundance Scan 305 (2.946 min): VX037150.D\data.ms



Abundance Scan 305 (2.946 min): VX037150.D\data.ms (-26)

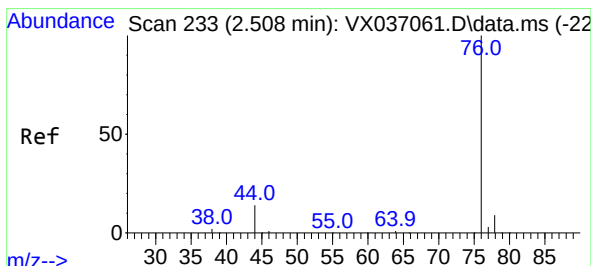
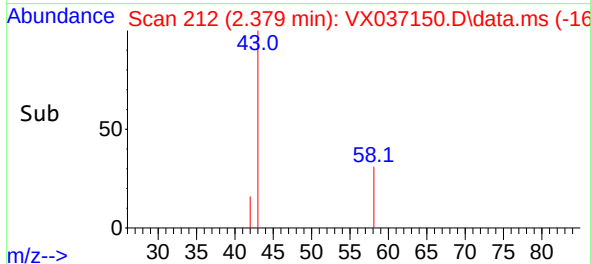
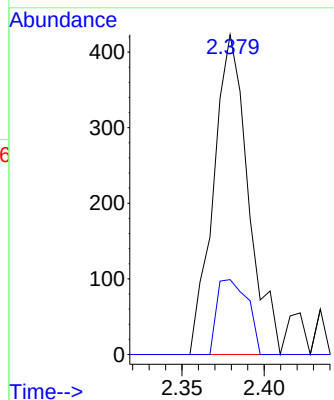
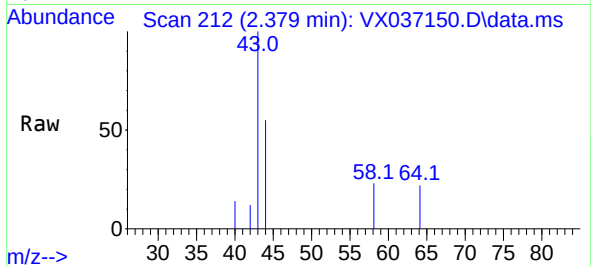




#16
Acetone
Concen: 0.656 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037150.D
Acq: 22 Aug 2023 13:19

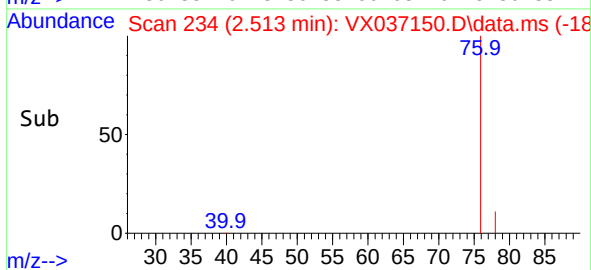
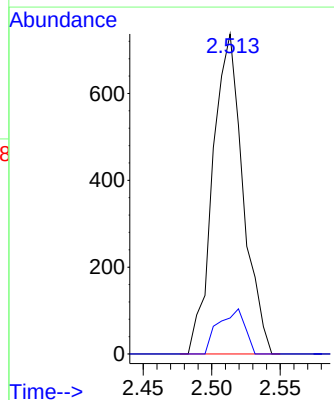
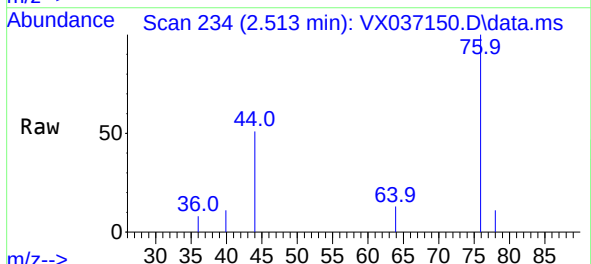
Instrument :
MSVOA_X
ClientSampleId :

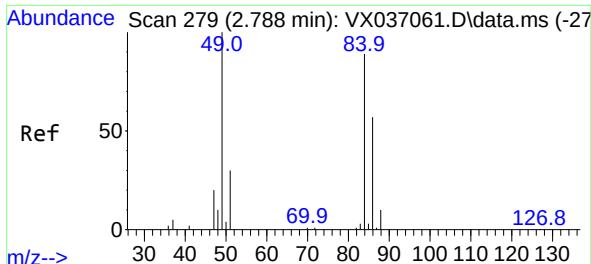
Tgt Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
58 23.4 21.9 32.9



#17
Carbon Disulfide
Concen: 0.257 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX037150.D
Acq: 22 Aug 2023 13:19

Tgt Ion: 76 Resp: 1131
Ion Ratio Lower Upper
76 100
78 11.3 7.0 10.6#





#20

Methylene Chloride

Concen: 0.508 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

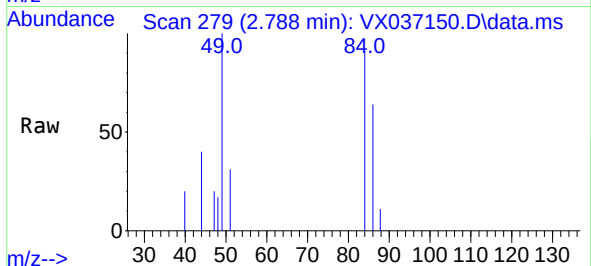
Lab File: VX037150.D

Acq: 22 Aug 2023 13:19

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1075

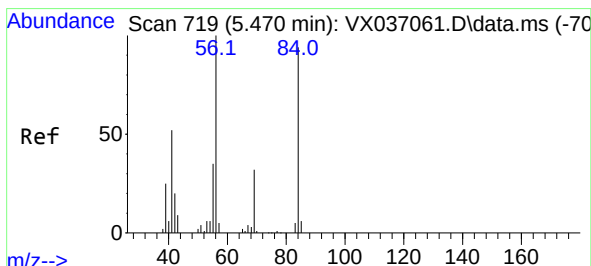
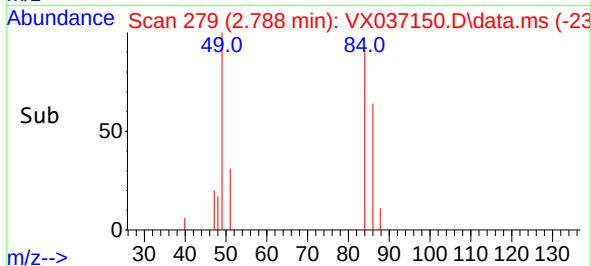
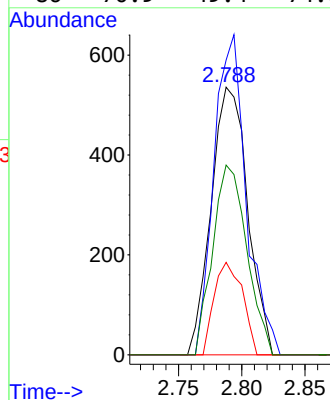
Ion Ratio Lower Upper

84 100

49 110.1 103.6 155.4

51 34.5 33.8 50.6

86 70.9 49.4 74.0



#31

Cyclohexane

Concen: 1.363 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX037150.D

Acq: 22 Aug 2023 13:19

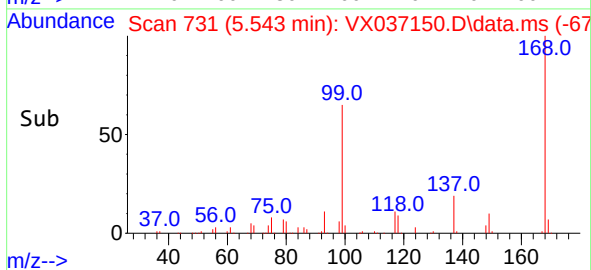
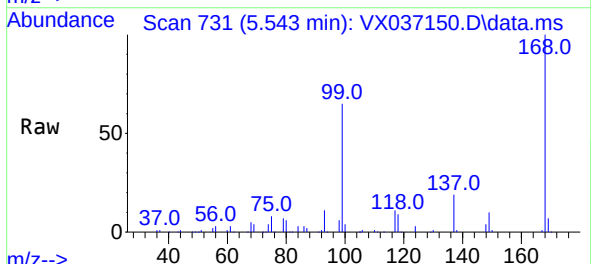
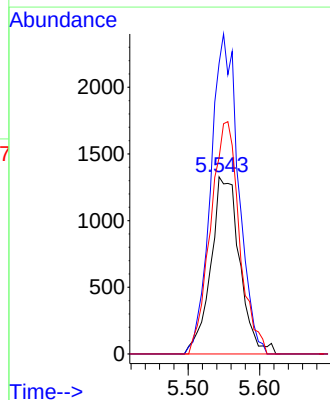
Tgt Ion: 56 Resp: 3708

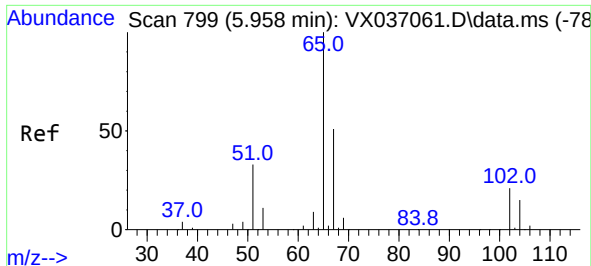
Ion Ratio Lower Upper

56 100

69 164.0 23.4 35.2#

84 110.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.676 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037150.D

Acq: 22 Aug 2023 13:19

Instrument :

MSVOA_X

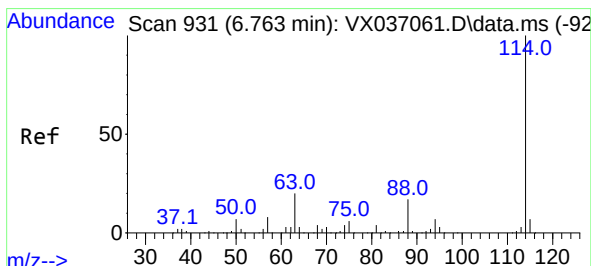
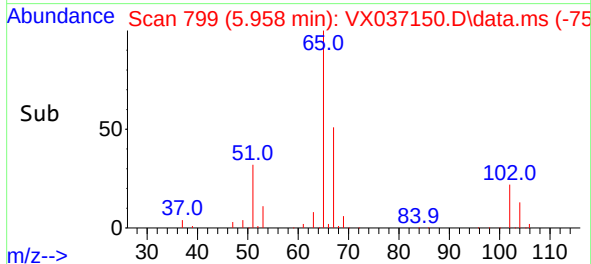
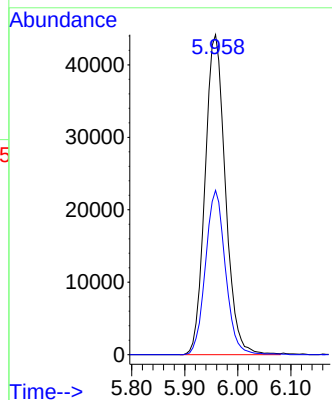
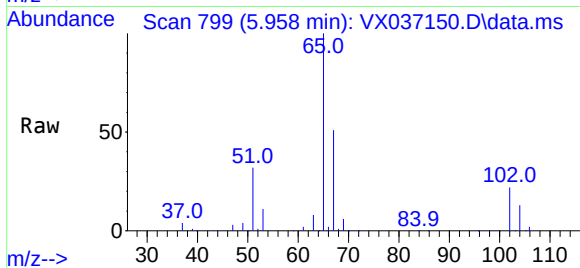
ClientSampleId :

Tgt Ion: 65 Resp: 117727

Ion Ratio Lower Upper

65 100

67 50.2 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: VX037150.D

Acq: 22 Aug 2023 13:19

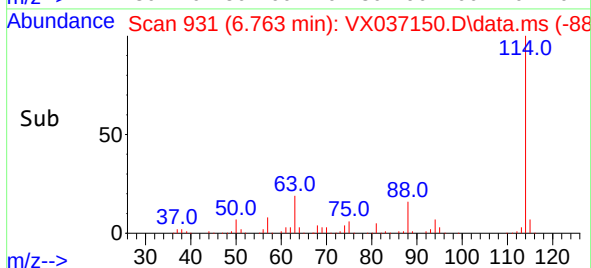
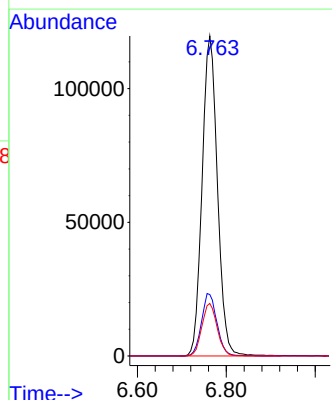
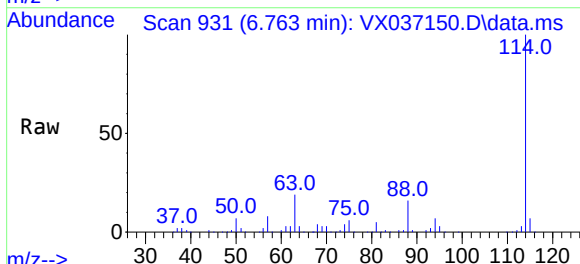
Tgt Ion: 114 Resp: 287797

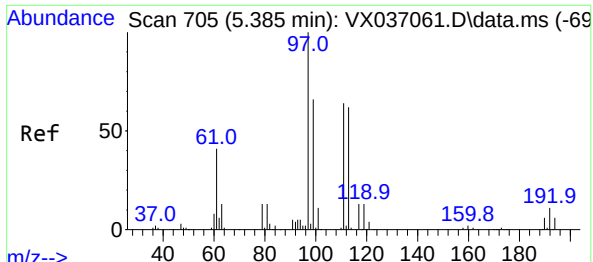
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

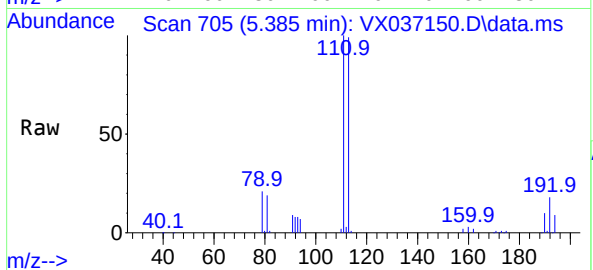
88 16.4 0.0 36.6



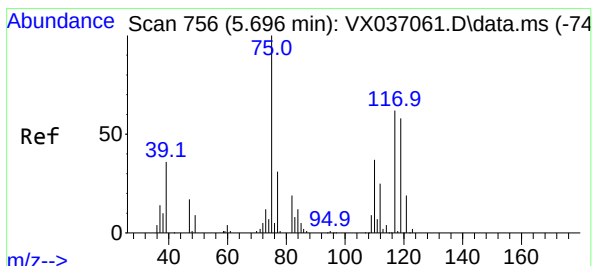
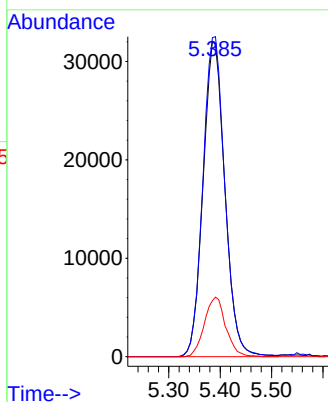
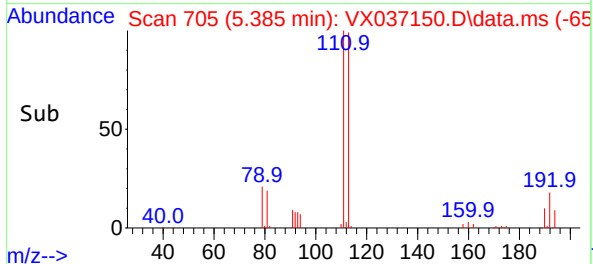


#35
Dibromofluoromethane
Concen: 49.354 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037150.D
Acq: 22 Aug 2023 13:19

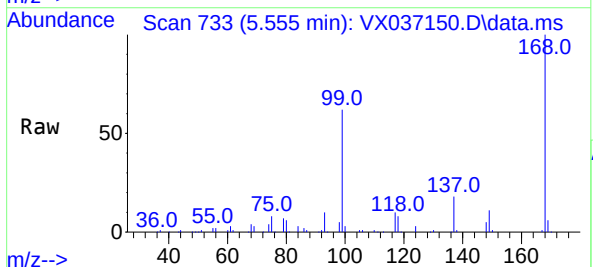
Instrument :
MSVOA_X
ClientSampleId :



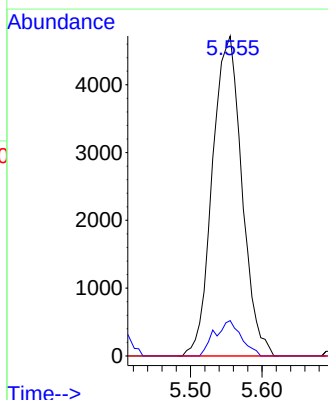
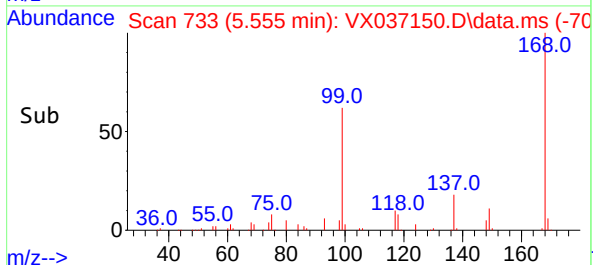
Tgt Ion:113 Resp: 94069
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.5 13.3 19.9

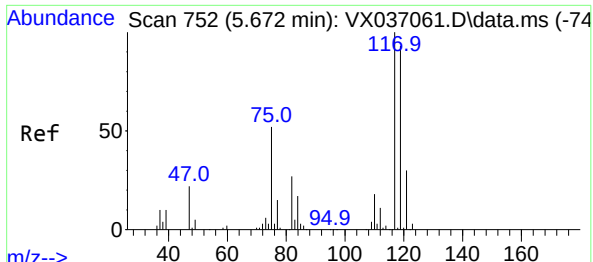


#36
1,1-Dichloropropene
Concen: 4.993 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.141 min
Lab File: VX037150.D
Acq: 22 Aug 2023 13:19



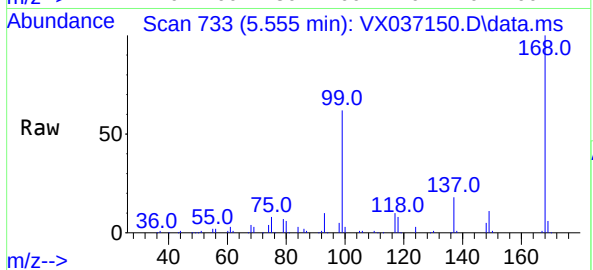
Tgt Ion: 75 Resp: 13521
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



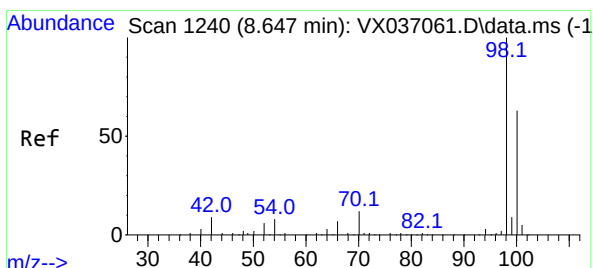
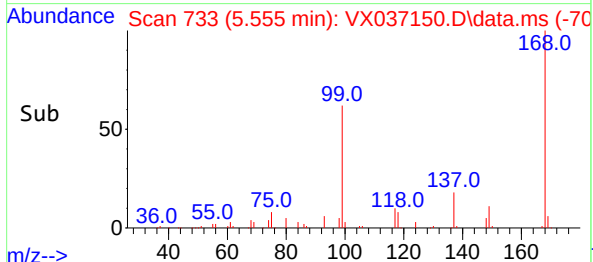
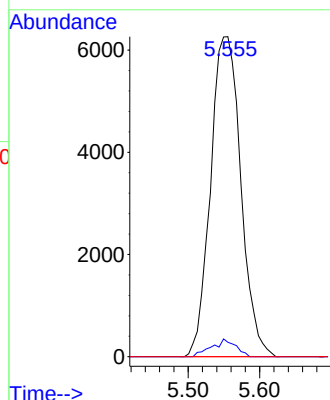


#38
Carbon Tetrachloride
Concen: 6.256 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX037150.D
Acq: 22 Aug 2023 13:19

Instrument :
MSVOA_X
ClientSampleId :

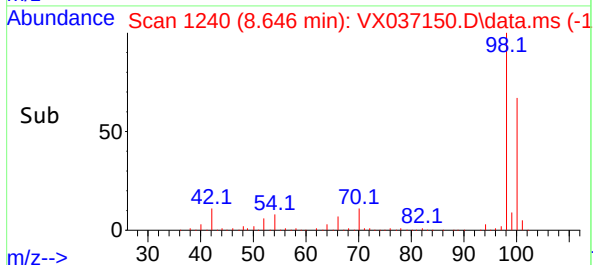
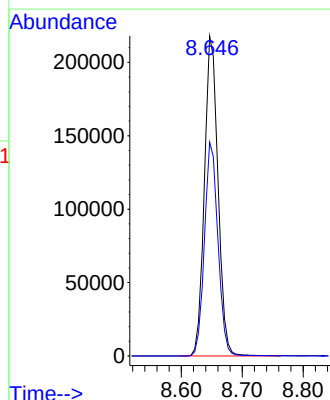
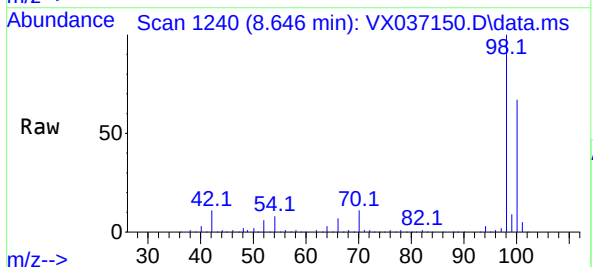


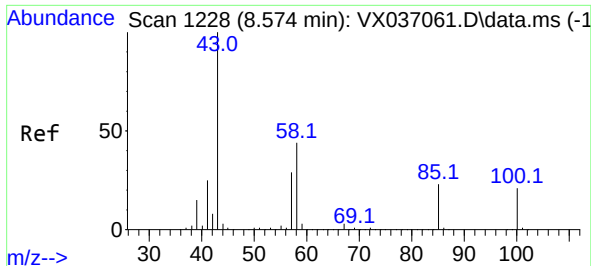
Tgt Ion:117 Resp: 18402
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.895 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037150.D
Acq: 22 Aug 2023 13:19

Tgt Ion: 98 Resp: 338052
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.517 ug/l

RT: 8.646 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX037150.D

Acq: 22 Aug 2023 13:19

Instrument :

MSVOA_X

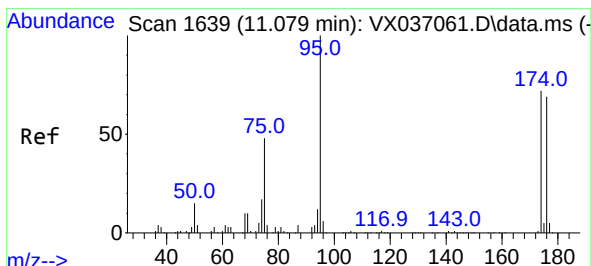
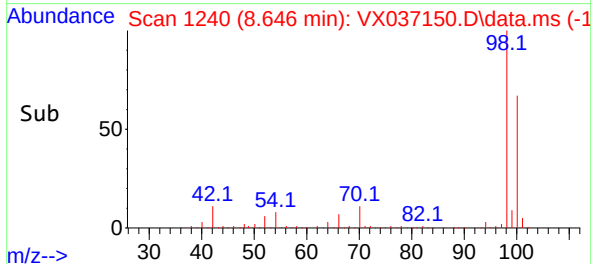
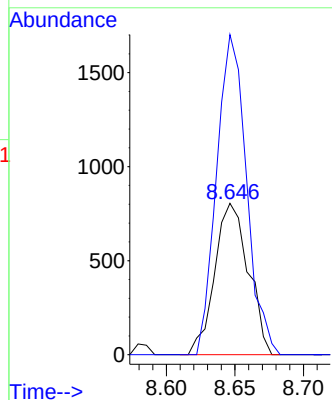
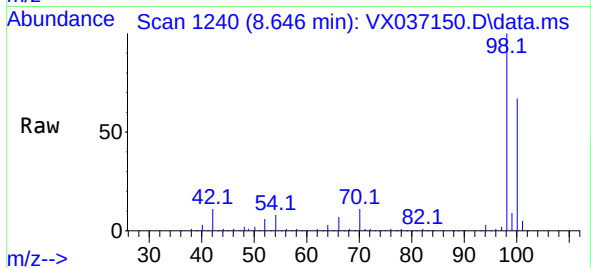
ClientSampleId :

Tgt Ion: 43 Resp: 1380

Ion Ratio Lower Upper

43 100

58 187.3 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 49.444 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037150.D

Acq: 22 Aug 2023 13:19

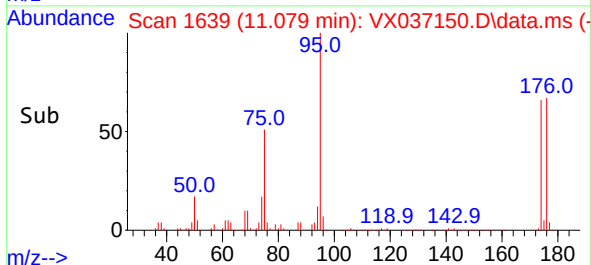
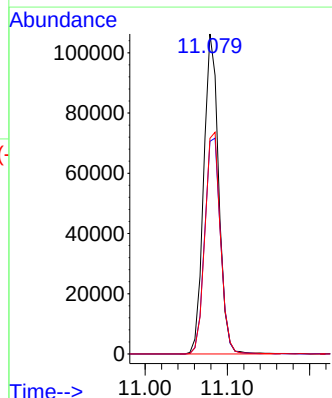
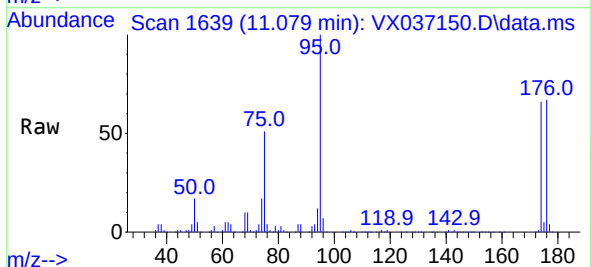
Tgt Ion: 95 Resp: 134342

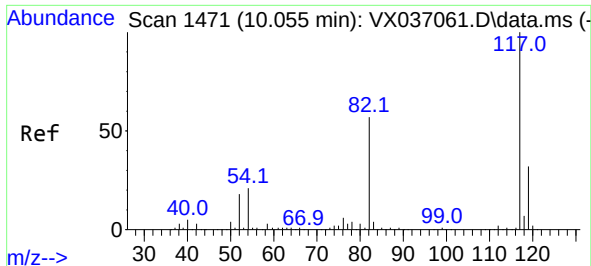
Ion Ratio Lower Upper

95 100

174 71.1 0.0 135.6

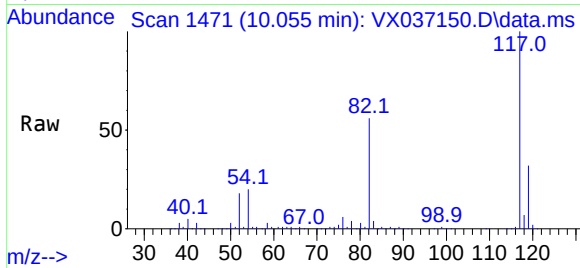
176 71.8 0.0 131.0



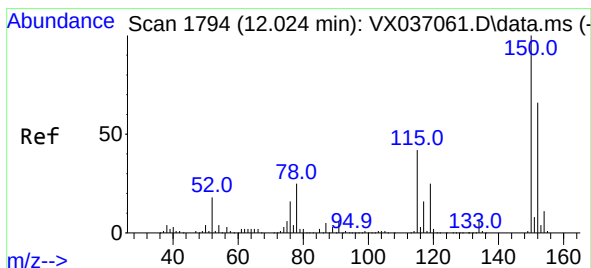
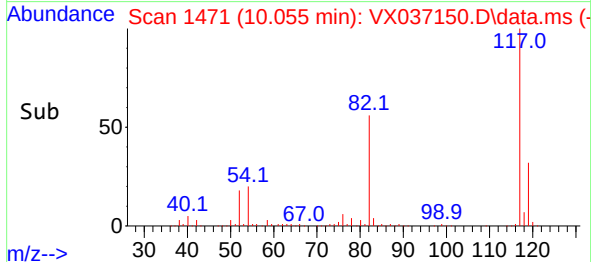
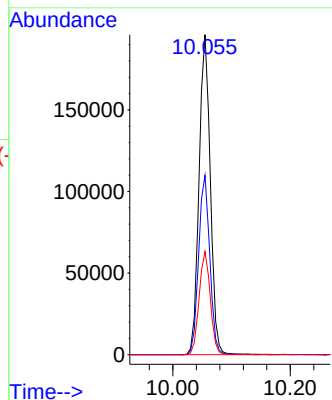


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037150.D
Acq: 22 Aug 2023 13:19

Instrument :
MSVOA_X
ClientSampleId :

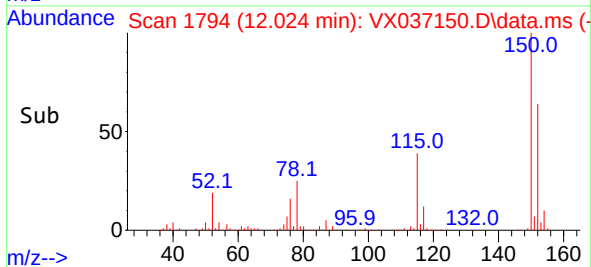
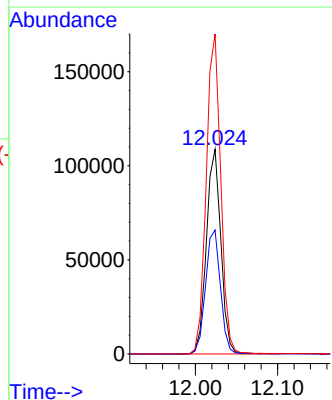
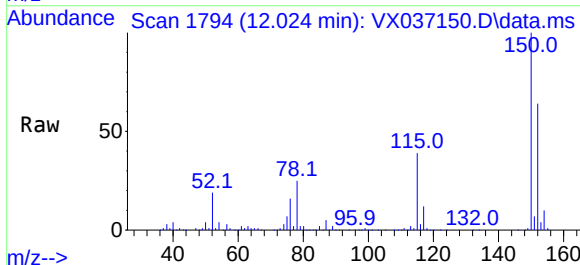


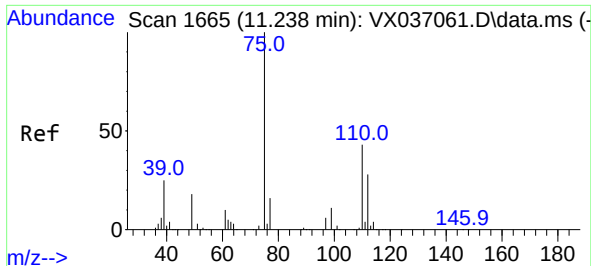
Tgt Ion:117 Resp: 261268
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037150.D
Acq: 22 Aug 2023 13:19

Tgt Ion:152 Resp: 133126
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 156.7 0.0 345.0

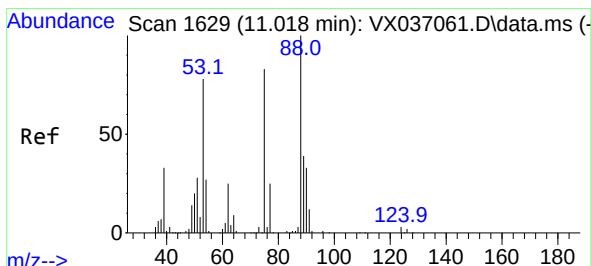
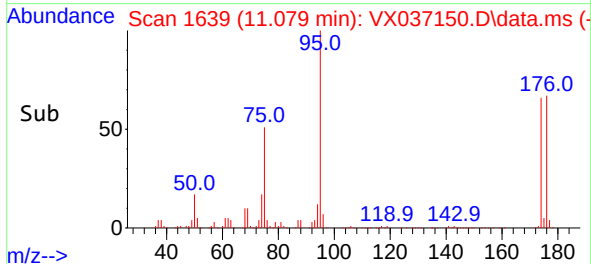
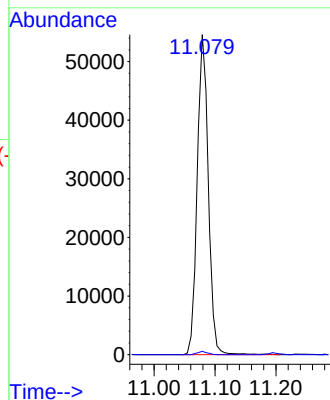
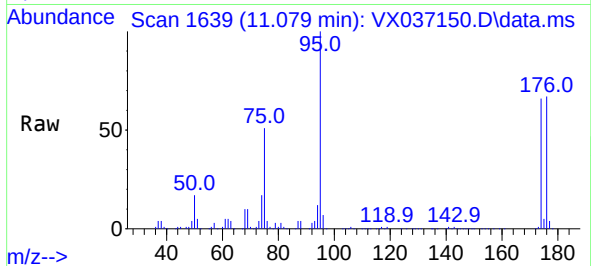




#76
1,2,3-Trichloropropane
Concen: 24.257 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037150.D
Acq: 22 Aug 2023 13:19

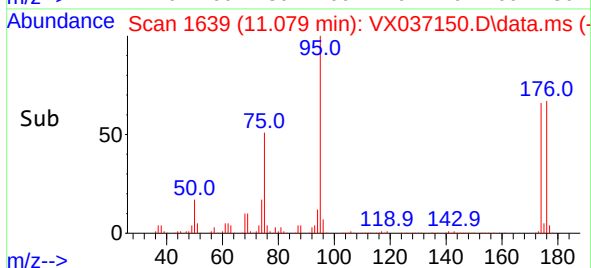
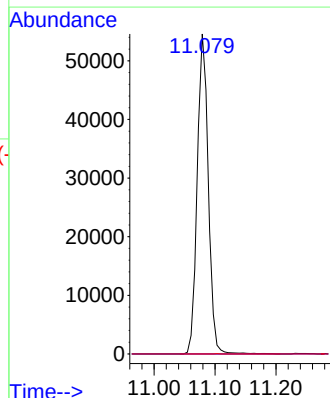
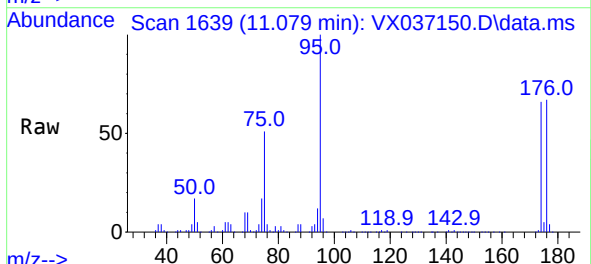
Instrument :
MSVOA_X
ClientSampleId :

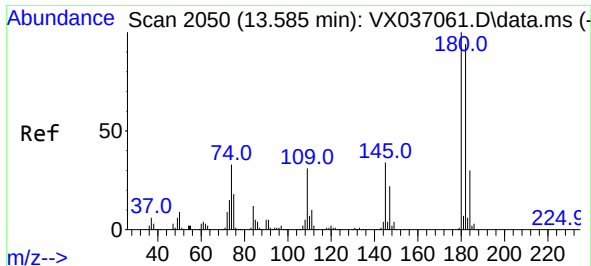
Tgt Ion: 75 Resp: 68772
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.751 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037150.D
Acq: 22 Aug 2023 13:19

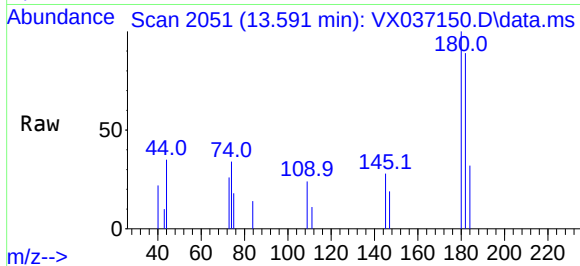
Tgt Ion: 75 Resp: 68772
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



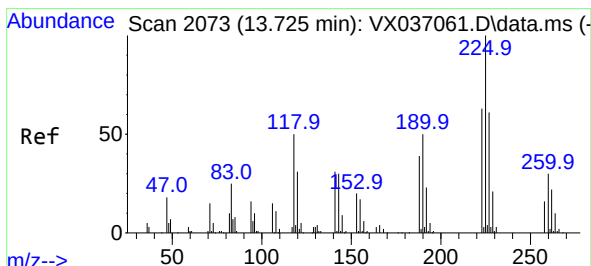
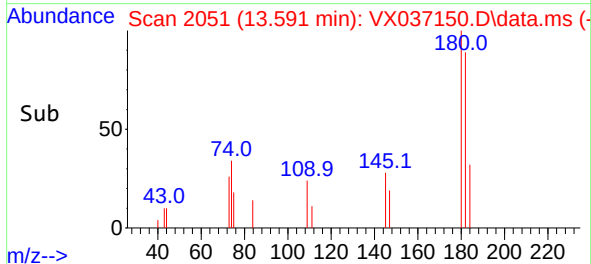
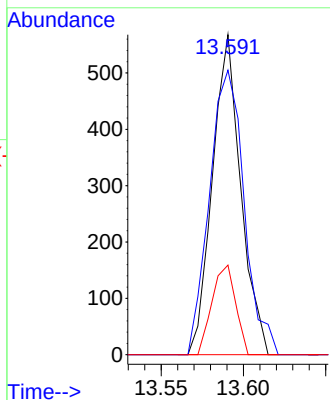


#93
1,2,4-Trichlorobenzene
Concen: 0.269 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX037150.D
Acq: 22 Aug 2023 13:19

Instrument :
MSVOA_X
ClientSampleId :

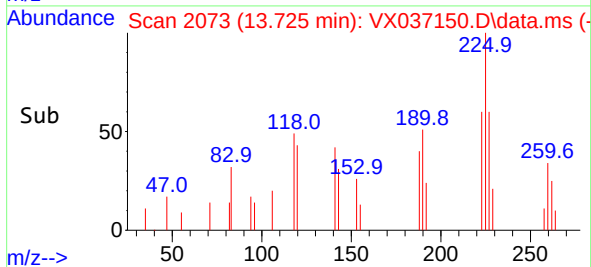
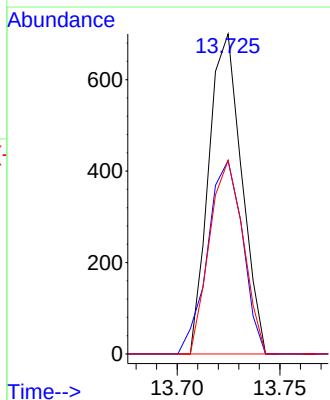
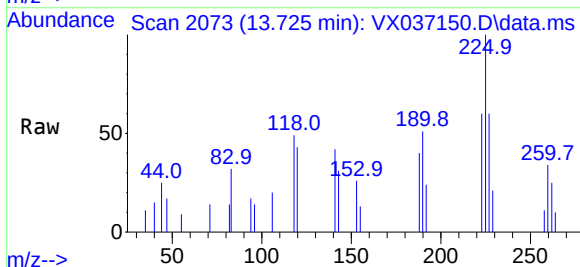


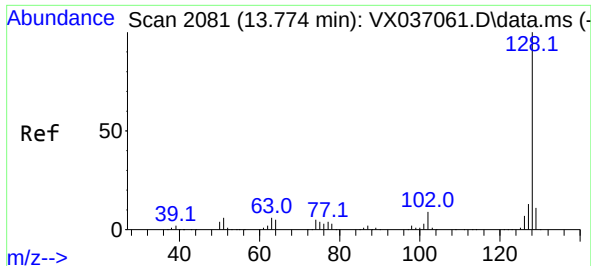
Tgt Ion:180 Resp: 681
Ion Ratio Lower Upper
180 100
182 108.7 48.3 144.8
145 23.2 18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.795 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037150.D
Acq: 22 Aug 2023 13:19

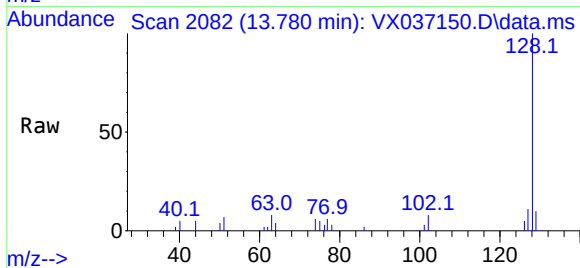
Tgt Ion:225 Resp: 779
Ion Ratio Lower Upper
225 100
223 64.3 31.1 93.2
227 61.9 32.5 97.5



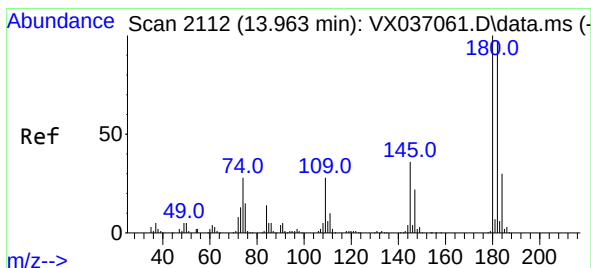
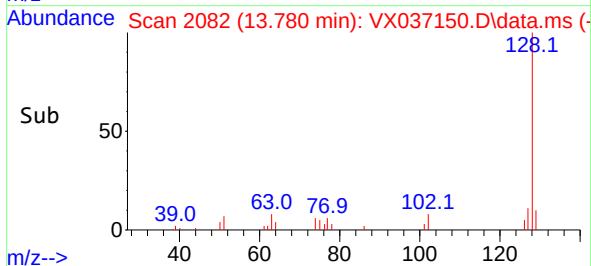
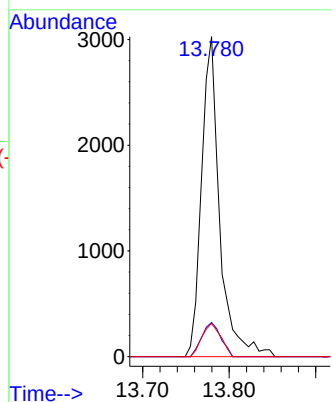


#95
Naphthalene
Concen: 0.395 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX037150.D
Acq: 22 Aug 2023 13:19

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 4386
Ion Ratio Lower Upper
128 100
127 11.2 10.3 15.5
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.219 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037150.D
Acq: 22 Aug 2023 13:19

Tgt Ion:180 Resp: 552
Ion Ratio Lower Upper
180 100
182 96.4 46.9 140.6
145 31.7 17.8 53.5

