

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037149.D
 Acq On : 22 Aug 2023 12:56
 Operator : JC/MD
 Sample : VX0822MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 22 15:38:16 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)

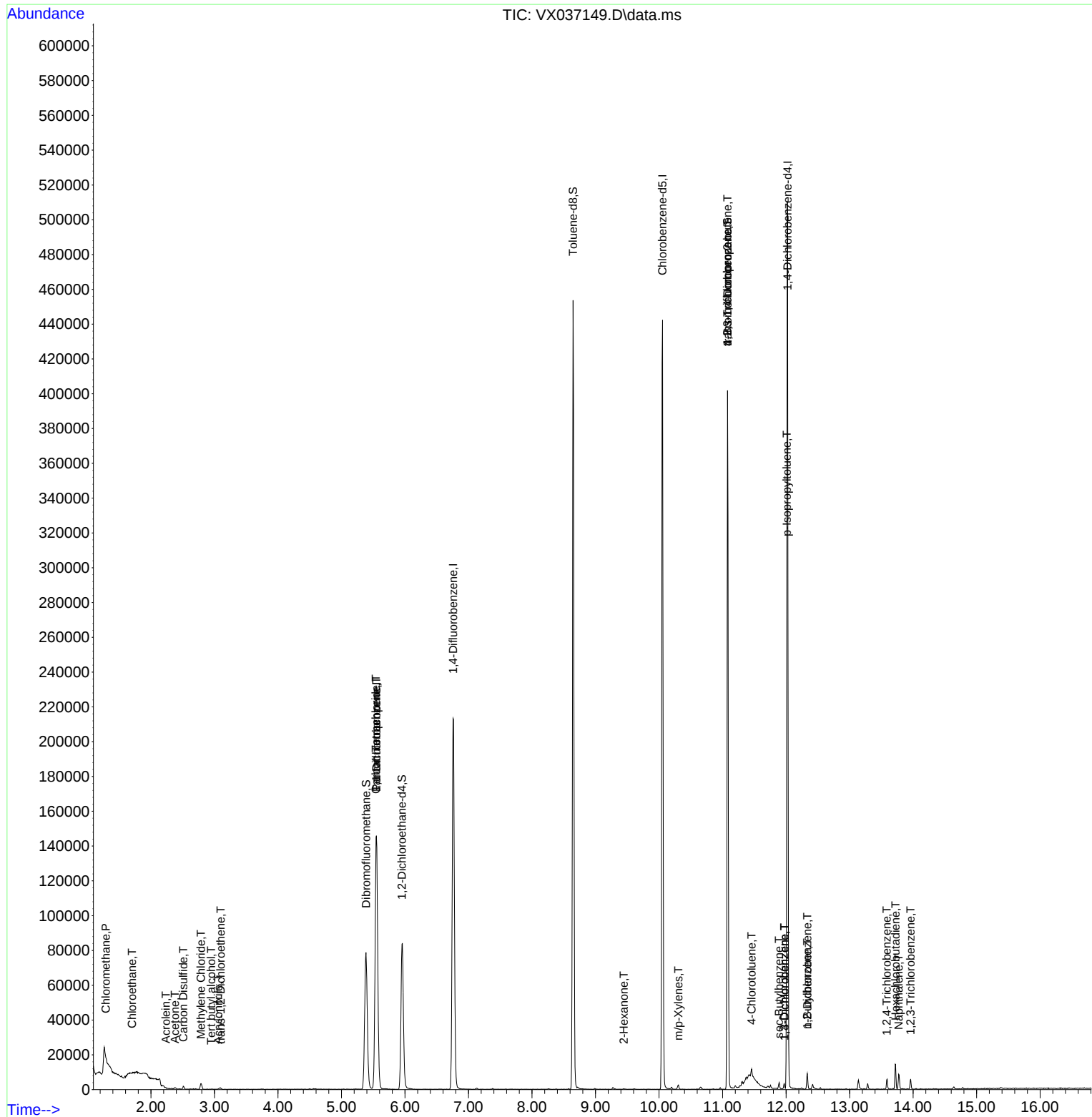
Internal Standards						
1) Pentafluorobenzene	5.550	168	137361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225723	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86160	43.508	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.020%
35) Dibromofluoromethane	5.385	113	69339	46.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.760%
50) Toluene-d8	8.647	98	263569	48.606	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.220%
62) 4-Bromofluorobenzene	11.079	95	108837	51.073	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.140%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	419	0.300	ug/l #	43
6) Chloroethane	1.703	64	11355	12.699	ug/l #	59
11) Tert butyl alcohol	2.946	59	182	0.392	ug/l #	78
13) Acrolein	2.233	56	213	0.603	ug/l	97
15) Acrylonitrile	3.062	53	398	0.480	ug/l #	76
16) Acetone	2.380	43	854	1.102	ug/l #	86
17) Carbon Disulfide	2.508	76	1854	0.515	ug/l #	94
20) Methylene Chloride	2.788	84	1642	0.948	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	338	0.210	ug/l #	73
36) 1,1-Dichloropropene	5.550	75	11376	5.356	ug/l #	50
38) Carbon Tetrachloride	5.544	117	14054	6.092	ug/l #	15
59) 2-Hexanone	9.445	43	325	0.204	ug/l	71
68) m/p-Xylenes	10.305	106	688	0.231	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	55444	24.249	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	55444	67.730	ug/l #	5
82) 4-Chlorotoluene	11.457	91	1344	0.210	ug/l	89
85) sec-Butylbenzene	11.890	105	1942	0.268	ug/l	91
86) p-Isopropyltoluene	12.012	119	1792	0.287	ug/l #	76
87) 1,3-Dichlorobenzene	11.975	146	1019	0.286	ug/l	98
88) 1,4-Dichlorobenzene	11.975	146	1019	0.276	ug/l	97
89) n-Butylbenzene	12.335	91	3525	0.681	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	759	0.217	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	1566	0.766	ug/l	93
94) Hexachlorobutadiene	13.725	225	1947	2.465	ug/l	97
95) Naphthalene	13.774	128	6610	0.738	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1494	0.736	ug/l	91

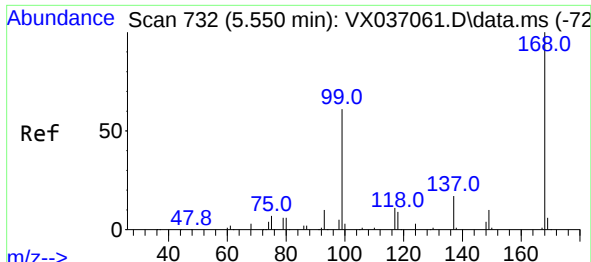
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
Data File : VX037149.D
Acq On : 22 Aug 2023 12:56
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Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

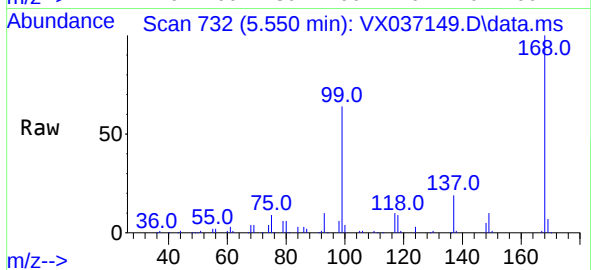
Quant Time: Aug 22 15:38:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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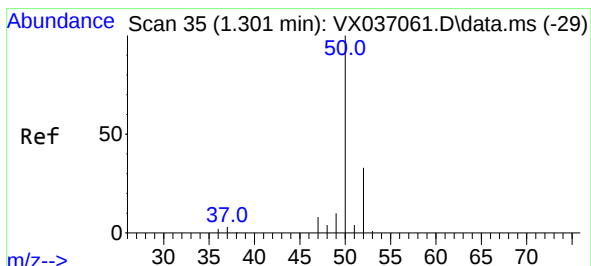
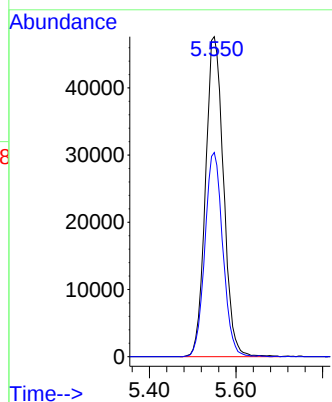
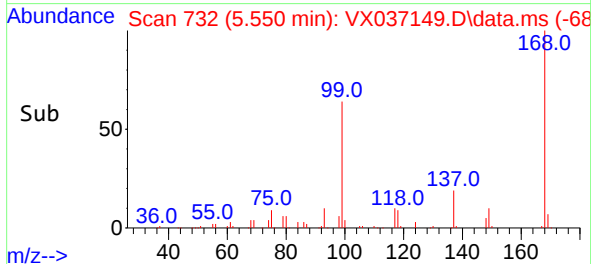


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

Instrument :
MSVOA_X
ClientSampleId :

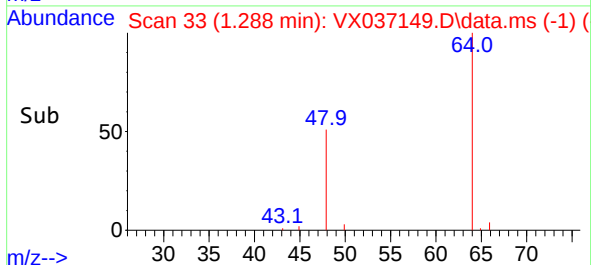
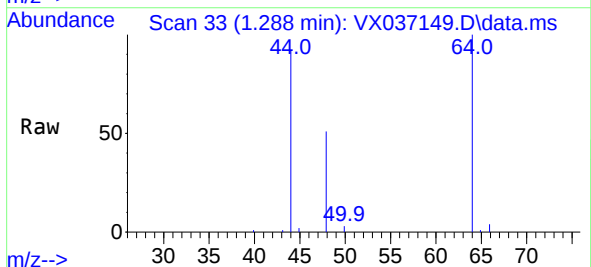


Tgt Ion:168 Resp: 137361
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0

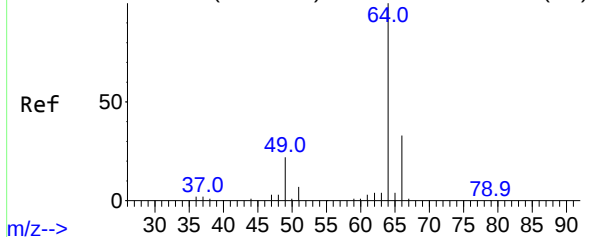


#3
Chloromethane
Concen: 0.300 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.012 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

Tgt Ion: 50 Resp: 419
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: 12.699 ug/l

RT: 1.703 min Scan# 101

Delta R.T. 0.031 min

Lab File: VX037149.D

Acq: 22 Aug 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

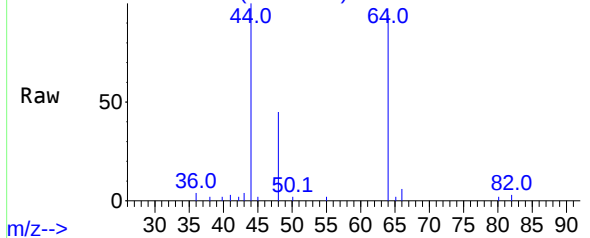
Tgt Ion: 64 Resp: 11355

Ion Ratio Lower Upper

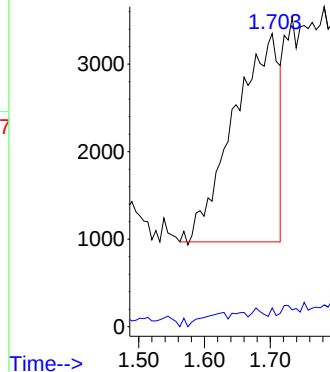
64 100

66 8.9 25.1 37.7#

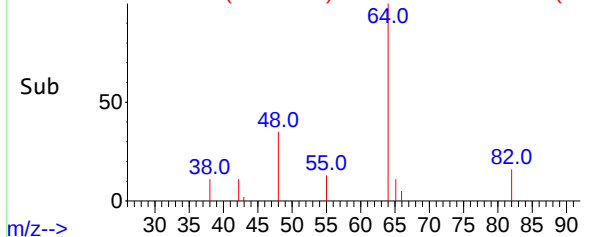
Abundance Scan 101 (1.703 min): VX037149.D\data.ms



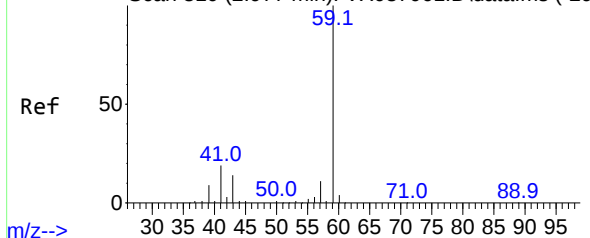
Abundance



Abundance Scan 101 (1.703 min): VX037149.D\data.ms (-47)



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



#11

Tert butyl alcohol

Concen: 0.392 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.031 min

Lab File: VX037149.D

Acq: 22 Aug 2023 12:56

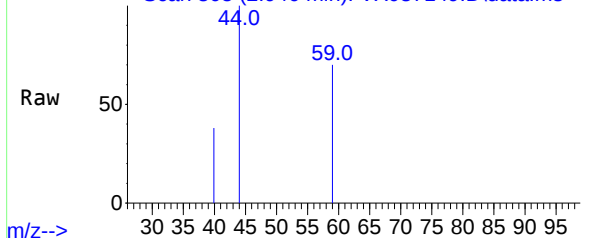
Tgt Ion: 59 Resp: 182

Ion Ratio Lower Upper

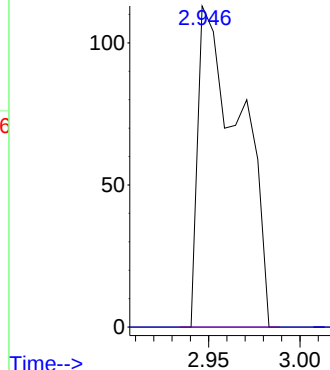
59 100

57 0.0 6.0 9.0#

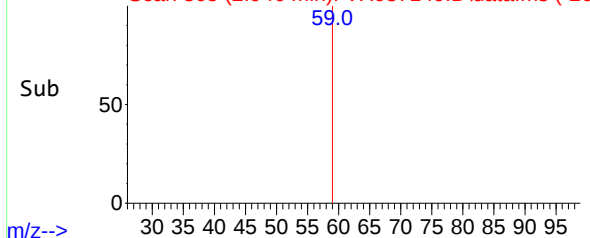
Abundance Scan 305 (2.946 min): VX037149.D\data.ms

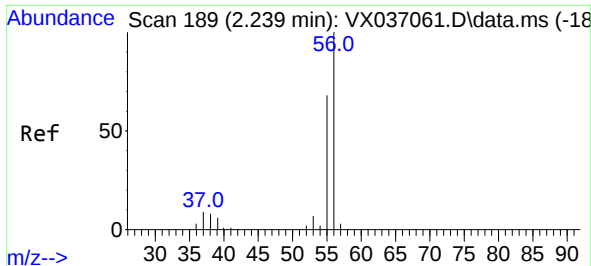


Abundance



Abundance Scan 305 (2.946 min): VX037149.D\data.ms (-26)

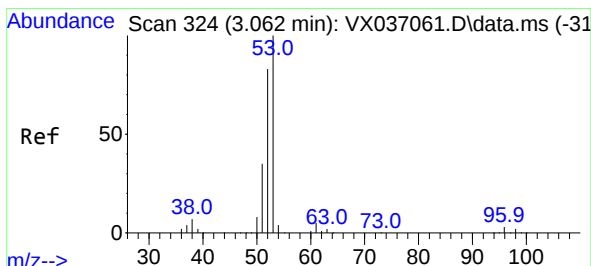
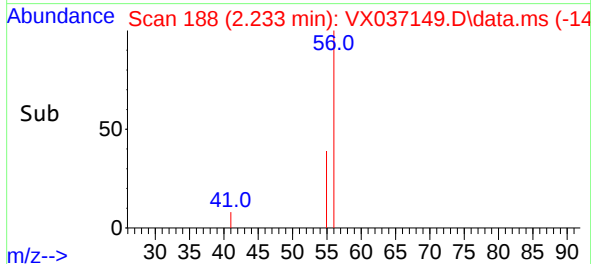
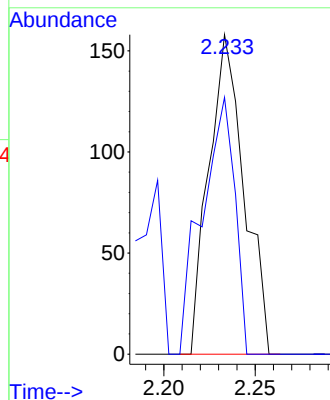
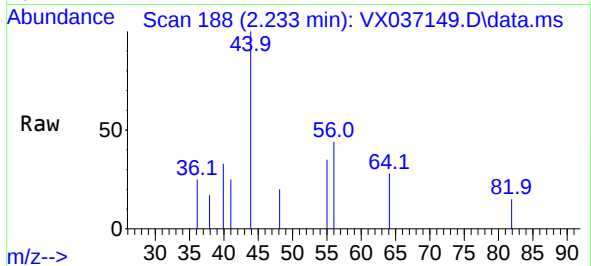




#13
Acrolein
Concen: 0.603 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

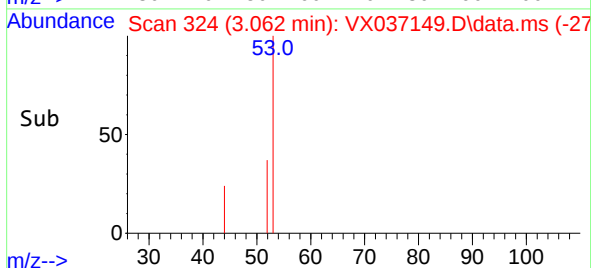
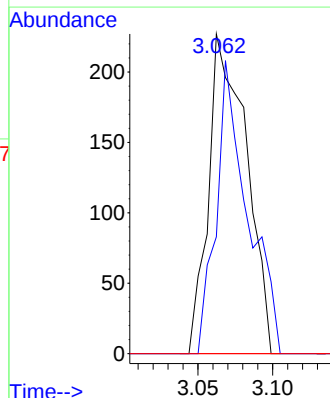
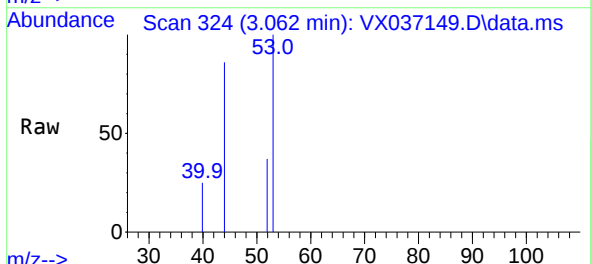
Instrument :
MSVOA_X
ClientSampleId :

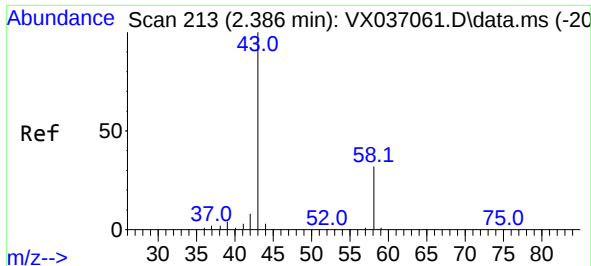
Tgt Ion: 56 Resp: 213
Ion Ratio Lower Upper
56 100
55 74.2 57.1 85.7



#15
Acrylonitrile
Concen: 0.480 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

Tgt Ion: 53 Resp: 398
Ion Ratio Lower Upper
53 100
52 75.9 66.0 99.0
51 0.0 29.8 44.6#

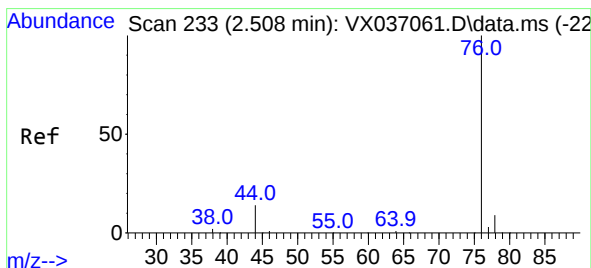
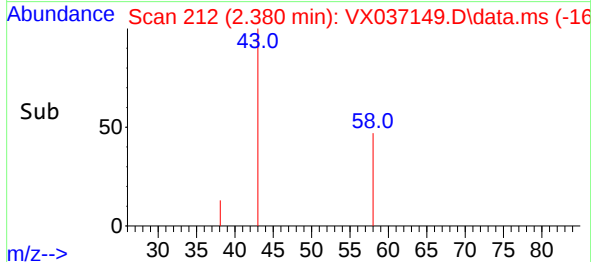
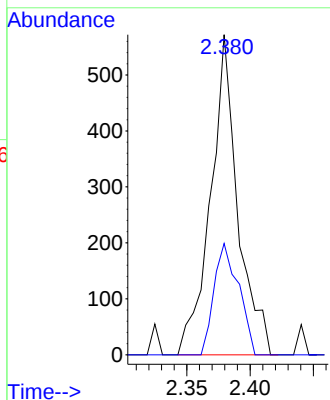
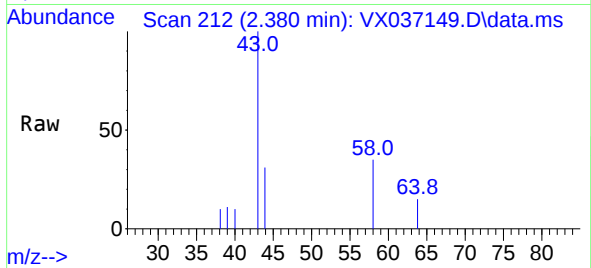




#16
Acetone
Concen: 1.102 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

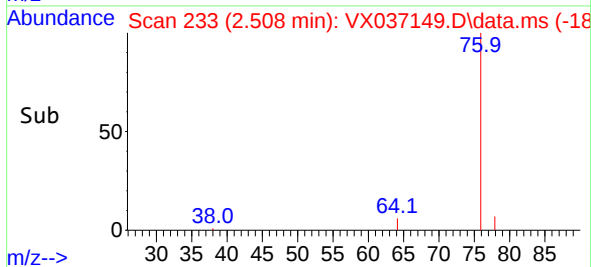
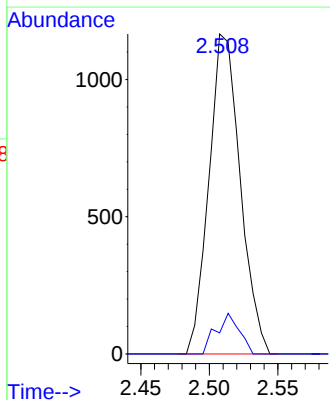
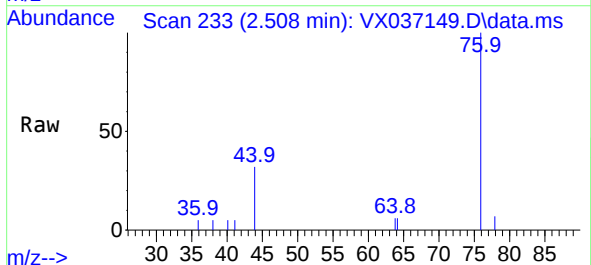
Instrument :
MSVOA_X
ClientSampleId :

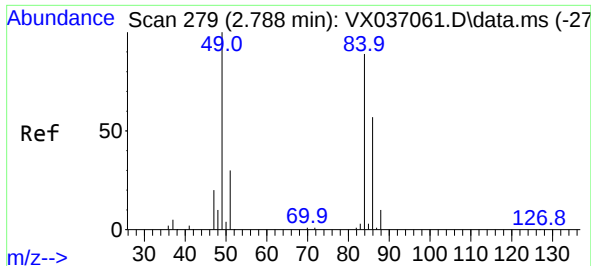
Tgt Ion: 43 Resp: 854
Ion Ratio Lower Upper
43 100
58 34.8 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.515 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

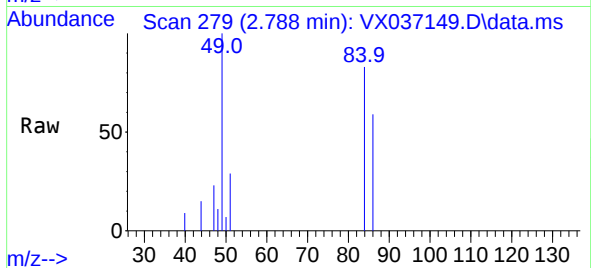
Tgt Ion: 76 Resp: 1854
Ion Ratio Lower Upper
76 100
78 6.6 7.0 10.6#





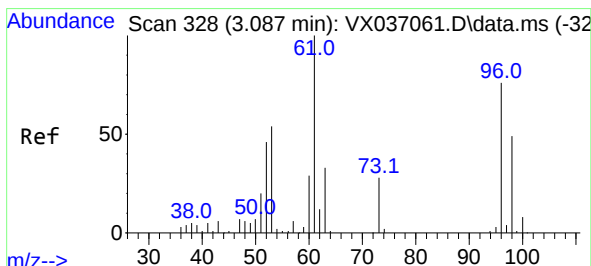
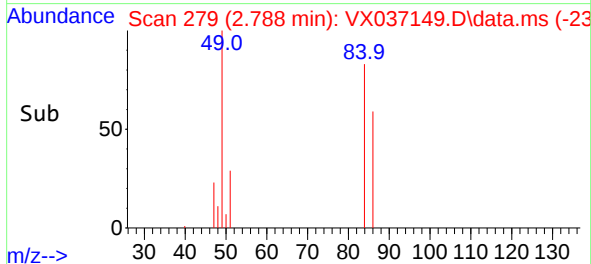
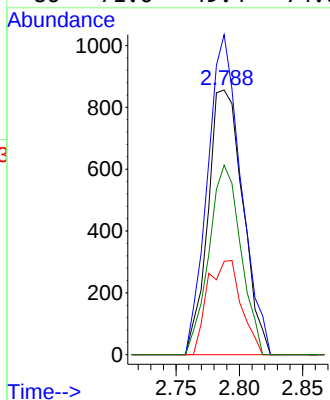
#20
Methylene Chloride
Concen: 0.948 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1642

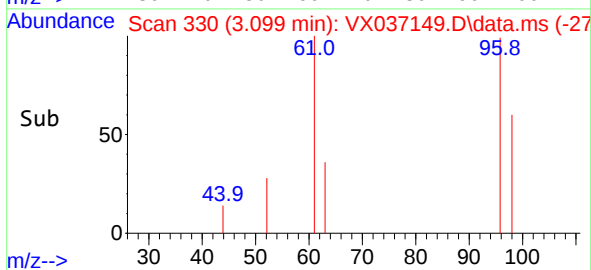
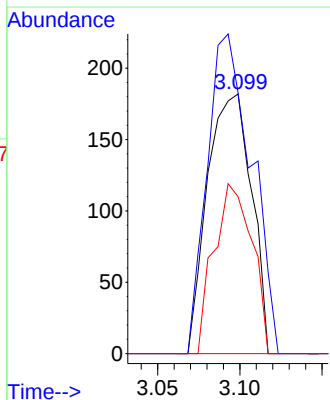
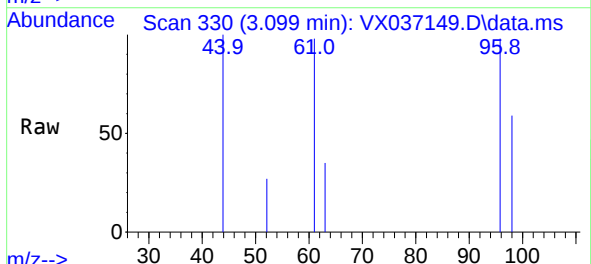
Ion	Ratio	Lower	Upper
84	100		
49	120.9	103.6	155.4
51	35.3	33.8	50.6
86	71.6	49.4	74.0

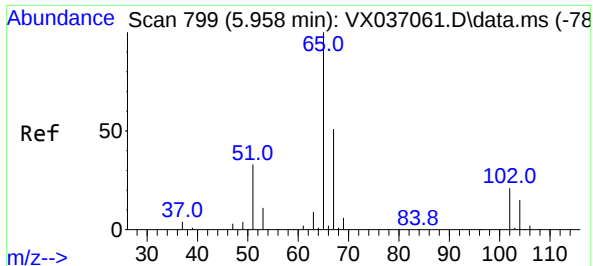


#21
trans-1,2-Dichloroethene
Concen: 0.210 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.012 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

Tgt Ion: 96 Resp: 338

Ion	Ratio	Lower	Upper
96	100		
61	100.5	119.2	178.8#
98	60.4	48.7	73.1





#33

1,2-Dichloroethane-d4

Concen: 43.508 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX037149.D

Acq: 22 Aug 2023 12:56

Instrument :

MSVOA_X

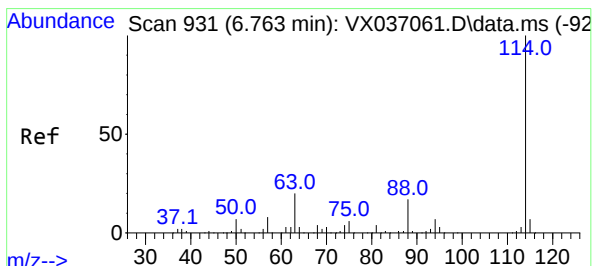
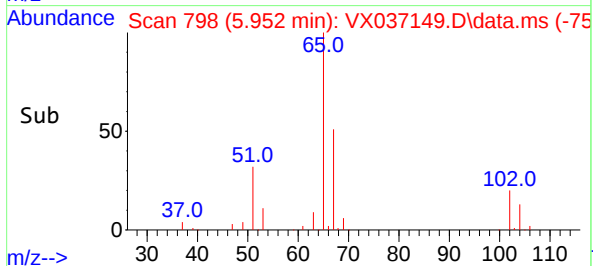
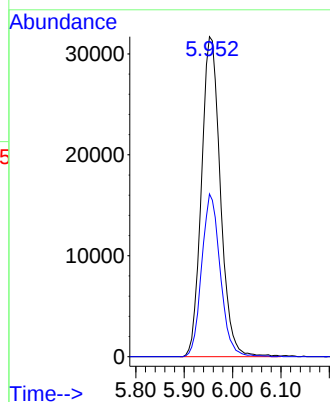
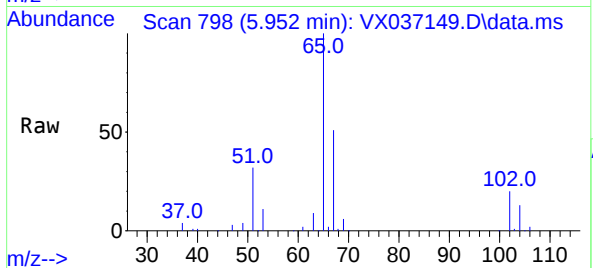
ClientSampleId :

Tgt Ion: 65 Resp: 86160

Ion Ratio Lower Upper

65 100

67 49.9 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: VX037149.D

Acq: 22 Aug 2023 12:56

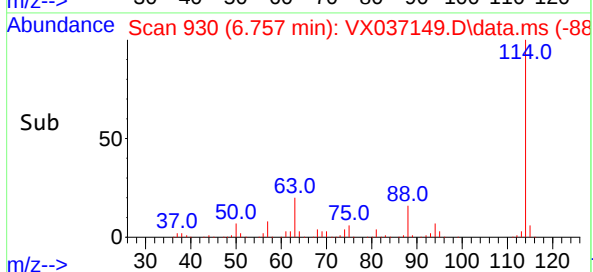
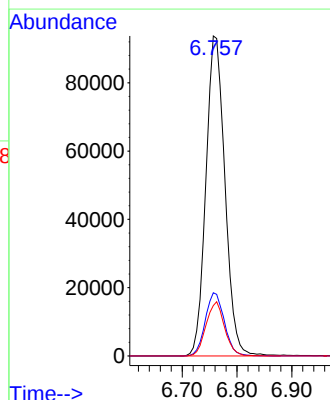
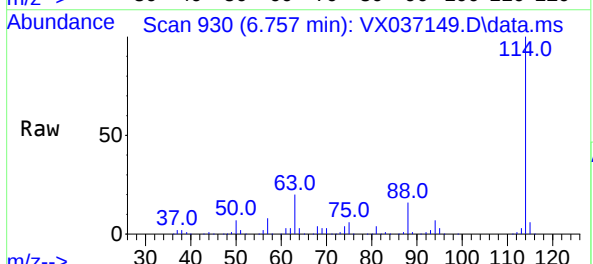
Tgt Ion: 114 Resp: 225723

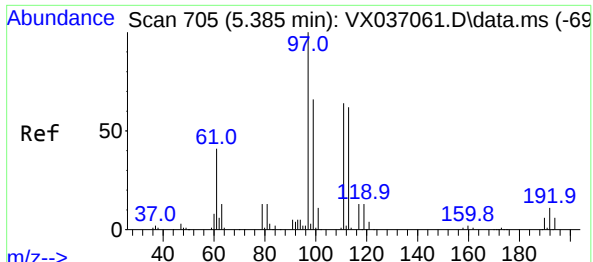
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

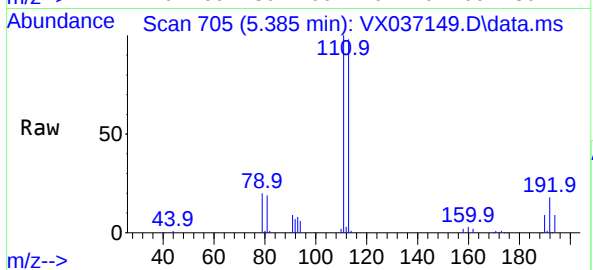
88 15.8 0.0 36.6



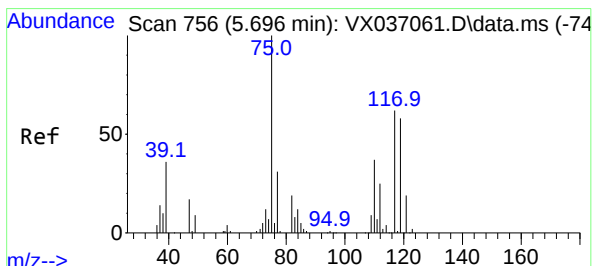
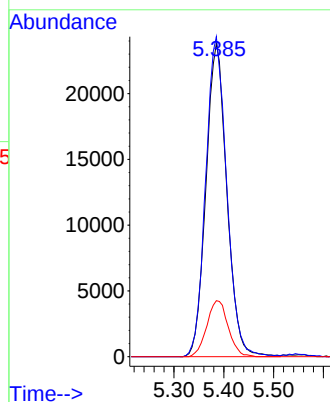
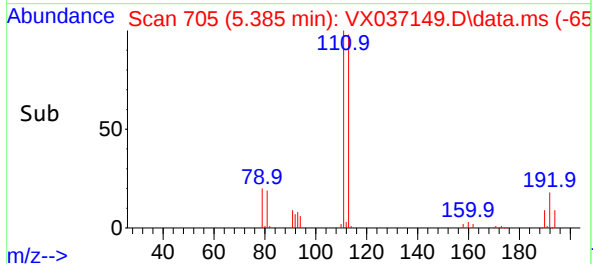


#35
Dibromofluoromethane
Concen: 46.383 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

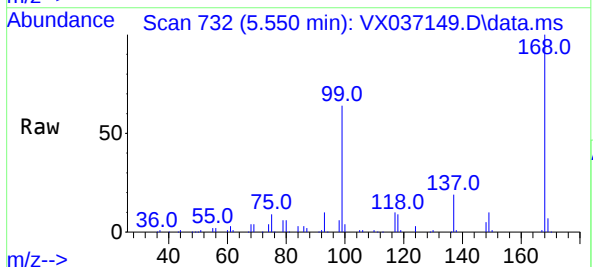
Instrument :
MSVOA_X
ClientSampleId :



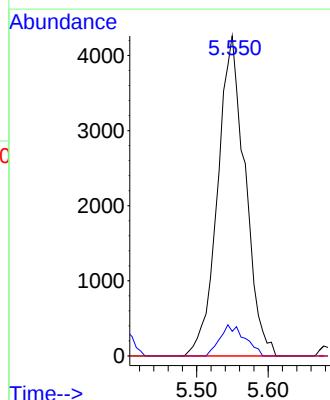
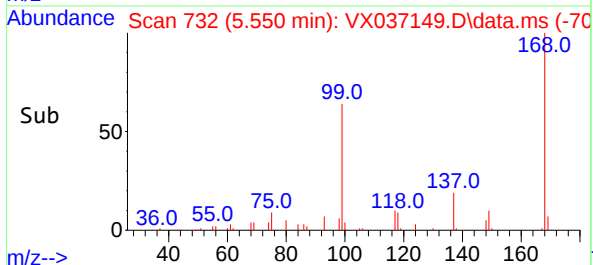
Tgt Ion:113 Resp: 69339
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.3 13.3 19.9

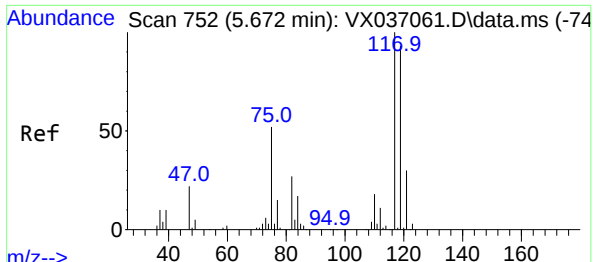


#36
1,1-Dichloropropene
Concen: 5.356 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56



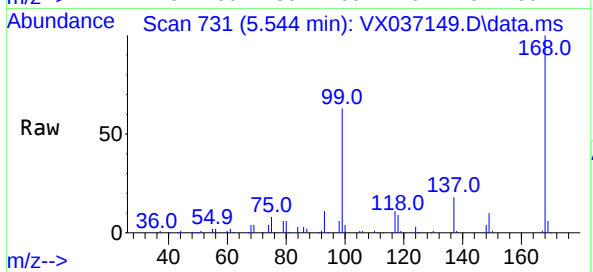
Tgt Ion: 75 Resp: 11376
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



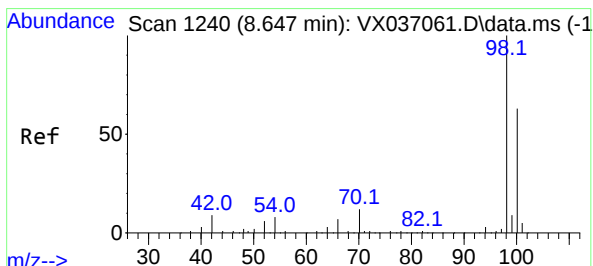
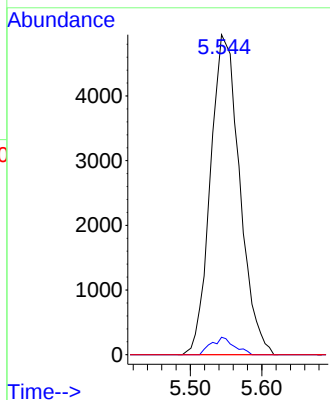
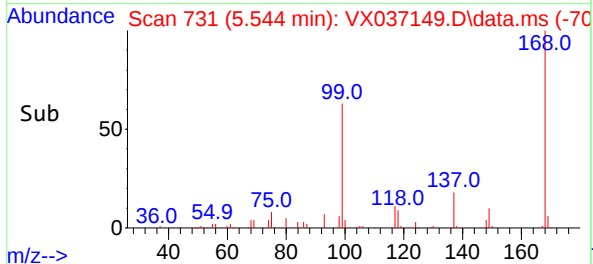


#38
Carbon Tetrachloride
Concen: 6.092 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

Instrument :
MSVOA_X
ClientSampleId :

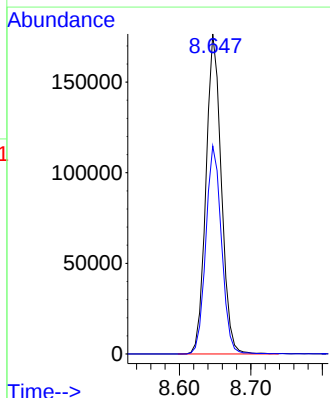
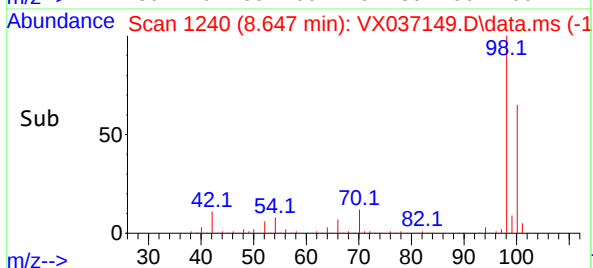
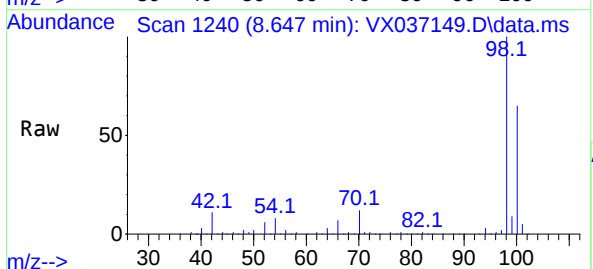


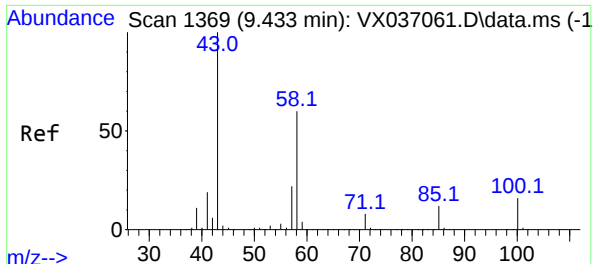
Tgt Ion:117 Resp: 14054
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.606 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

Tgt Ion: 98 Resp: 263569
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

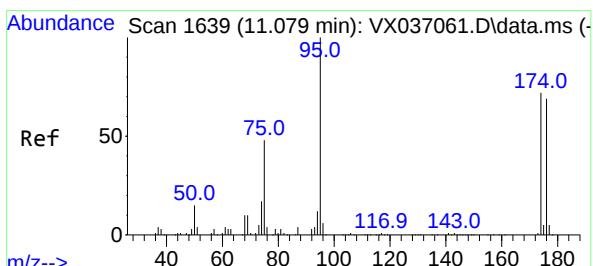
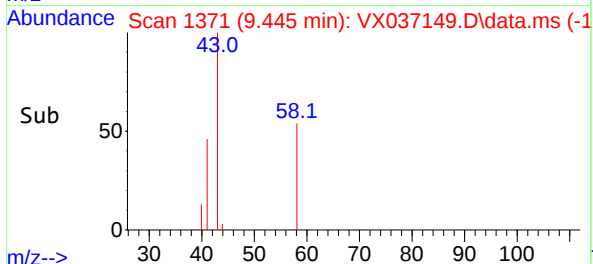
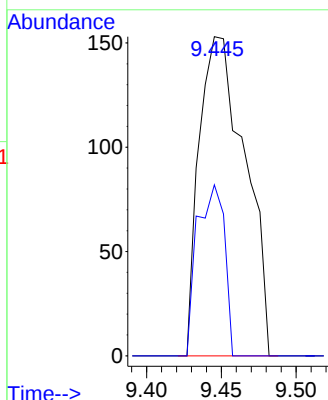
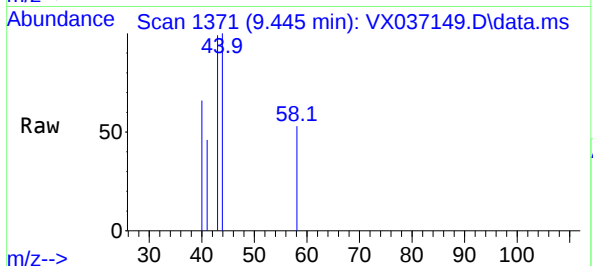




#59
2-Hexanone
Concen: 0.204 ug/l
RT: 9.445 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

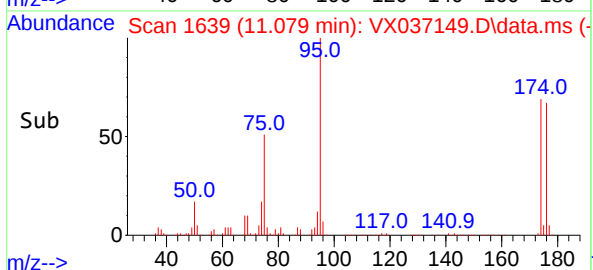
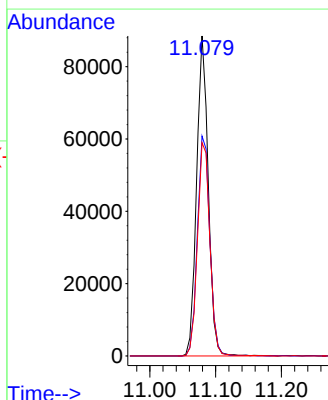
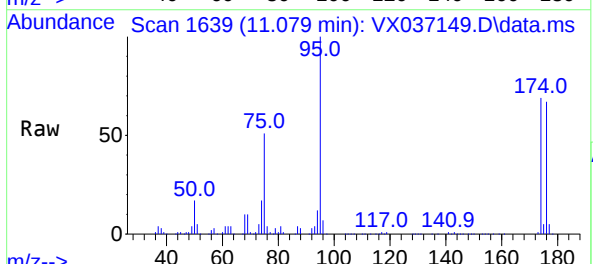
Instrument :
MSVOA_X
ClientSampleId :

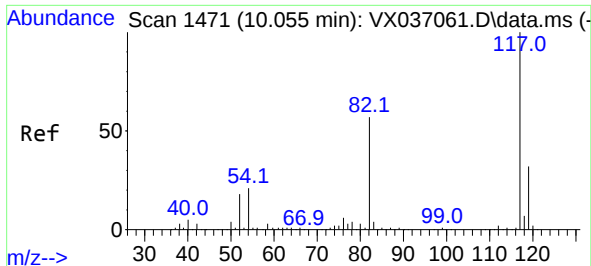
Tgt Ion: 43 Resp: 325
Ion Ratio Lower Upper
43 100
58 31.7 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 51.073 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

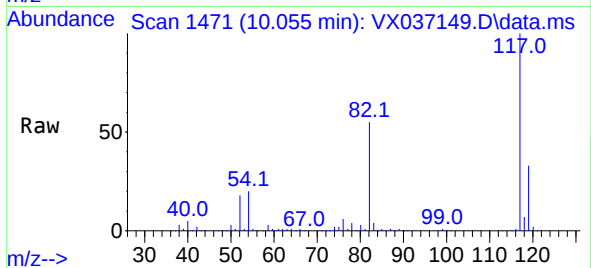
Tgt Ion: 95 Resp: 108837
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 71.1 0.0 131.0



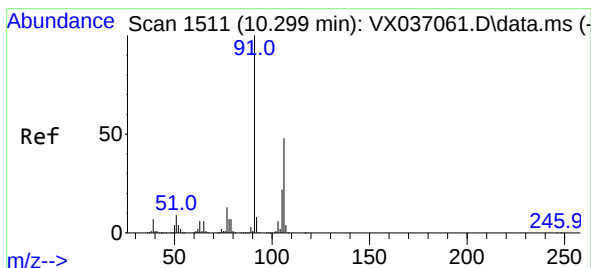
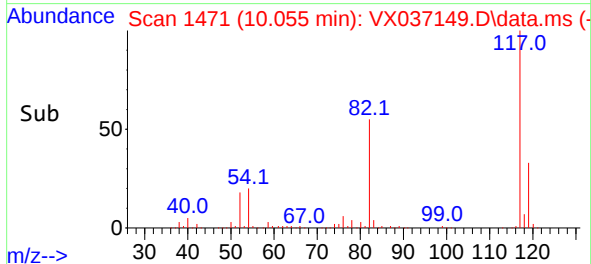
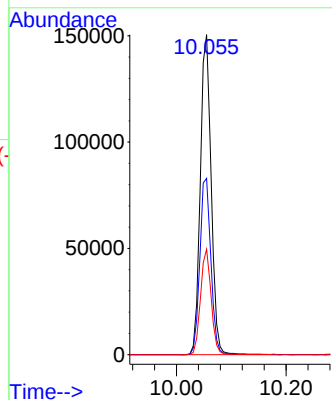


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

Instrument :
MSVOA_X
ClientSampleId :

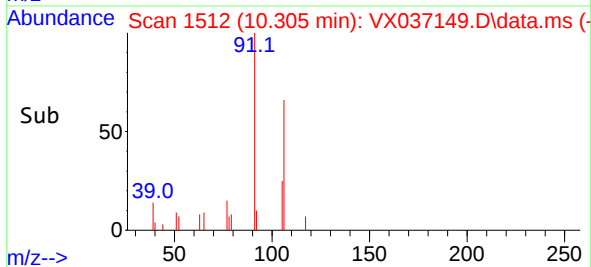
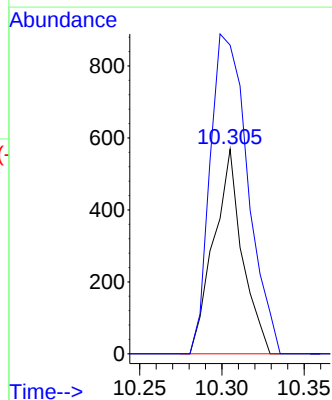
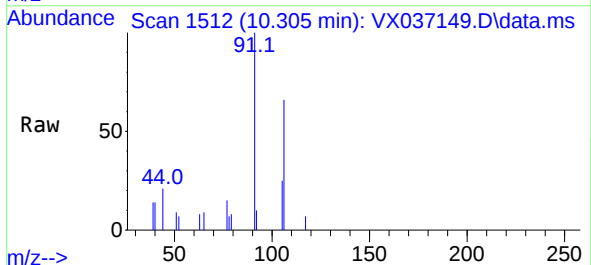


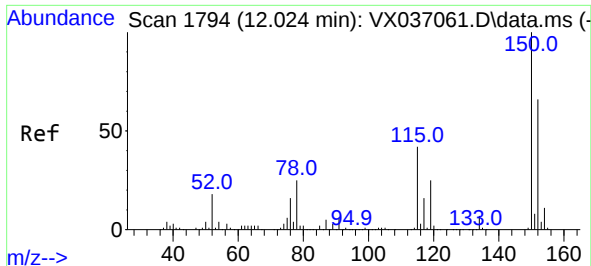
Tgt Ion:117 Resp: 207387
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 33.0 25.5 38.3



#68
m/p-Xylenes
Concen: 0.231 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

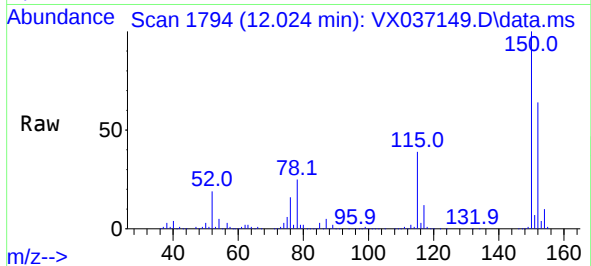
Tgt Ion:106 Resp: 688
Ion Ratio Lower Upper
106 100
91 206.1 165.5 248.3



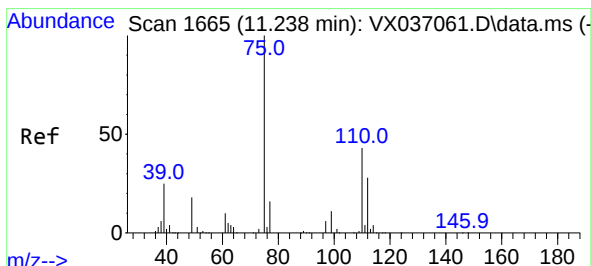
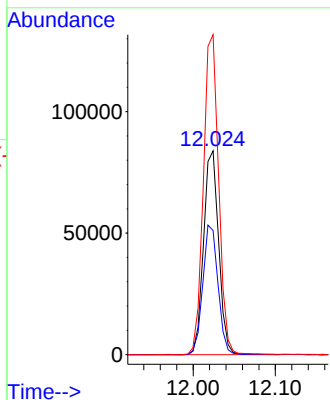
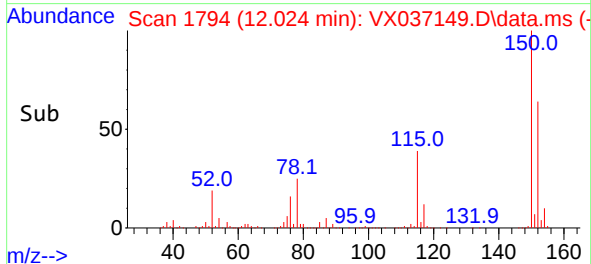


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037149.D
 Acq: 22 Aug 2023 12:56

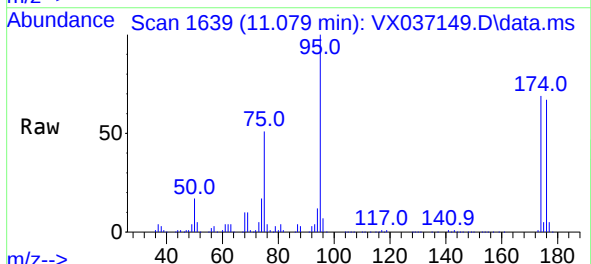
Instrument :
 MSVOA_X
 ClientSampleId :



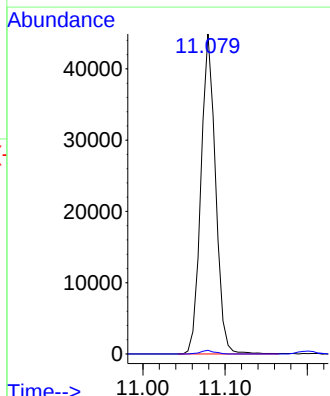
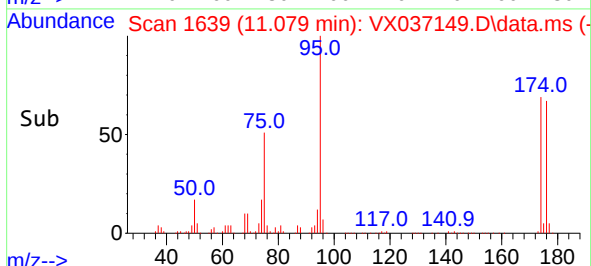
Tgt Ion:152 Resp: 107360
 Ion Ratio Lower Upper
 152 100
 115 63.9 43.3 129.9
 150 158.1 0.0 345.0

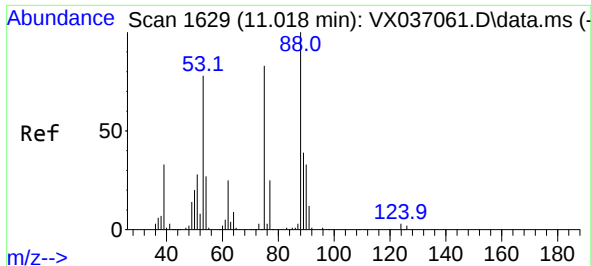


#76
 1,2,3-Trichloropropane
 Concen: 24.249 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037149.D
 Acq: 22 Aug 2023 12:56



Tgt Ion: 75 Resp: 55444
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

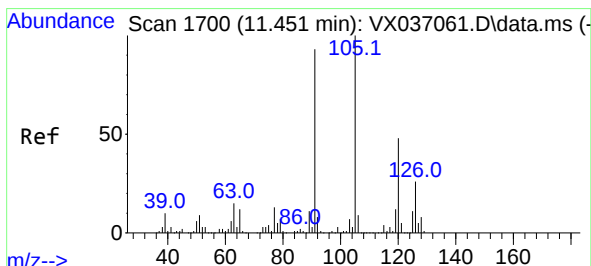
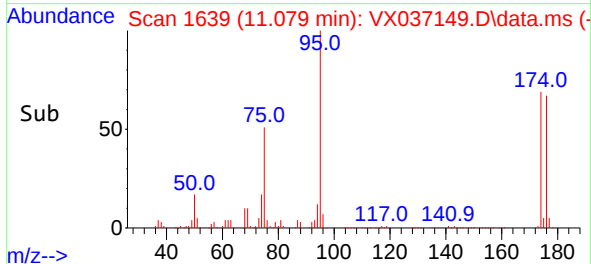
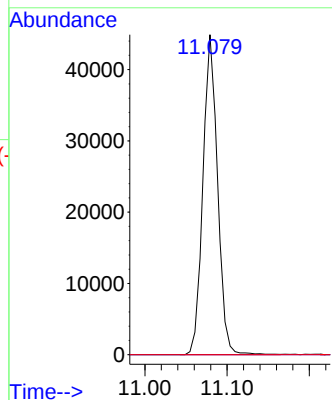
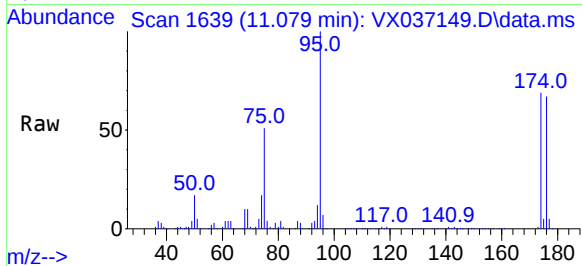




#81
trans-1,4-Dichloro-2-butene
Concen: 67.730 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

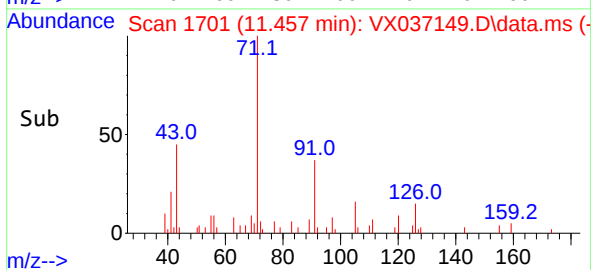
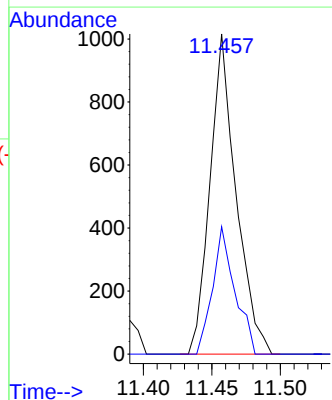
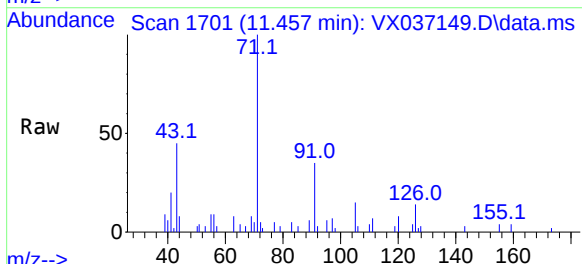
Instrument :
MSVOA_X
ClientSampleId :

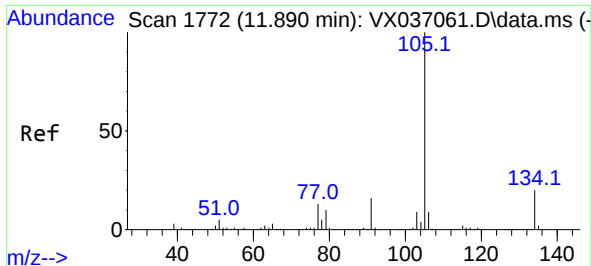
Tgt Ion: 75 Resp: 55444
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.210 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

Tgt Ion: 91 Resp: 1344
Ion Ratio Lower Upper
91 100
126 34.0 14.2 42.6

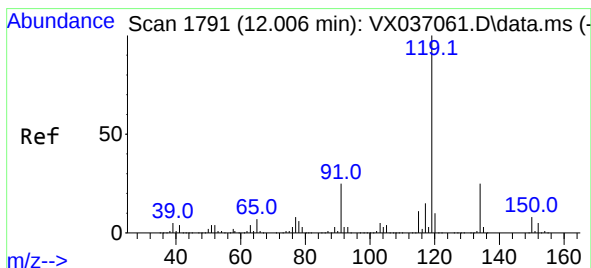
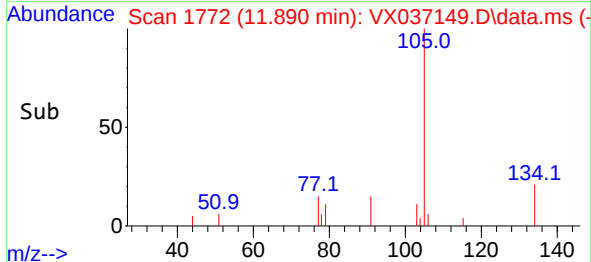
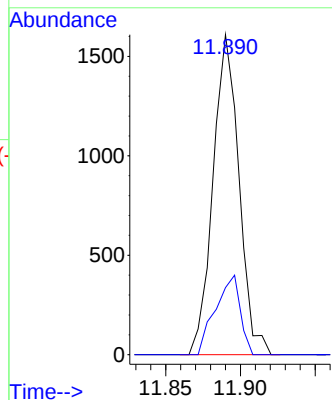
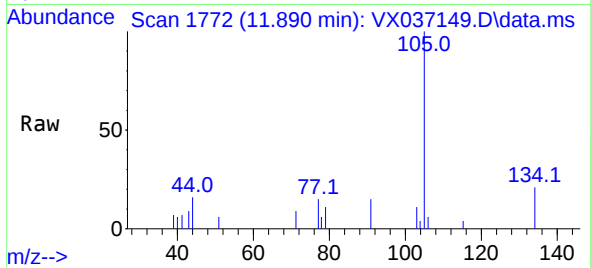




#85
sec-Butylbenzene
Concen: 0.268 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

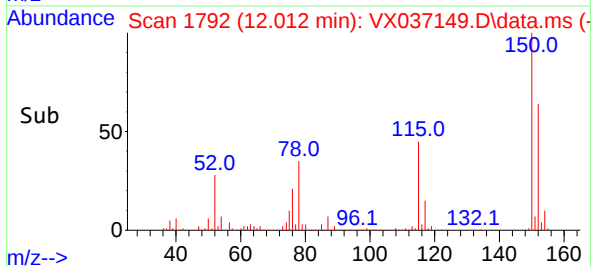
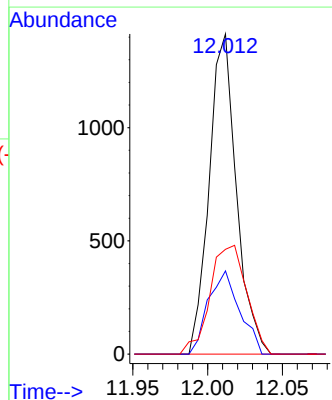
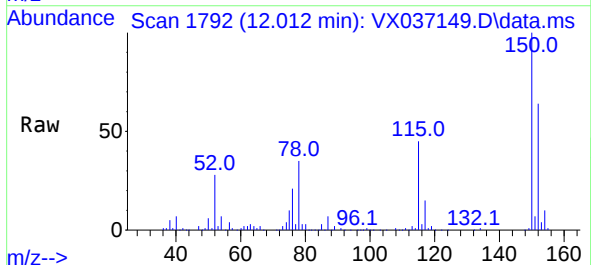
Instrument :
MSVOA_X
ClientSampleId :

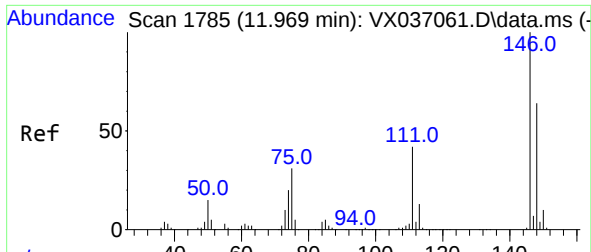
Tgt Ion:105 Resp: 1942
Ion Ratio Lower Upper
105 100
134 23.6 9.8 29.4



#86
p-Isopropyltoluene
Concen: 0.287 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

Tgt Ion:119 Resp: 1792
Ion Ratio Lower Upper
119 100
134 29.9 12.8 38.3
91 45.8 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.286 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX037149.D

Acq: 22 Aug 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

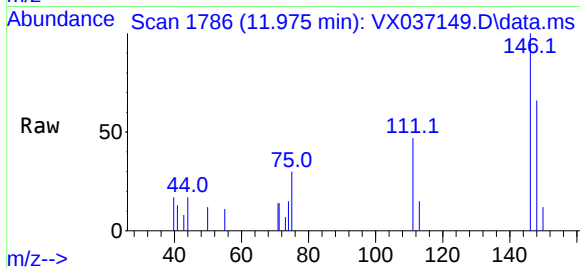
Tgt Ion:146 Resp: 1019

Ion Ratio Lower Upper

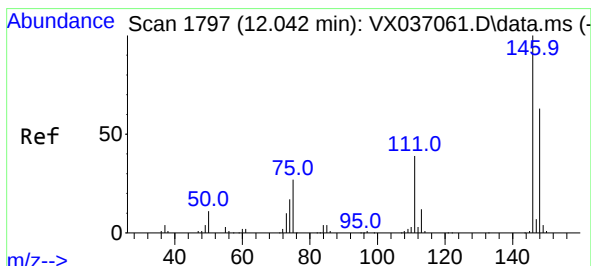
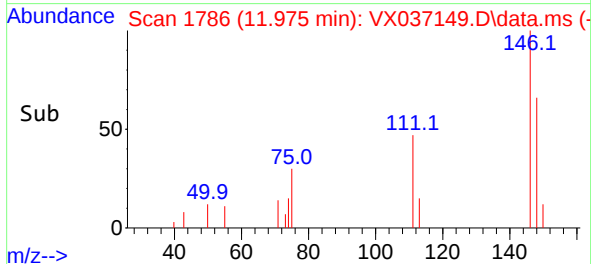
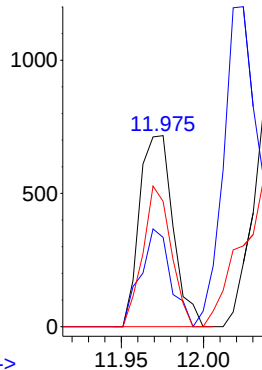
146 100

111 45.6 22.1 66.1

148 61.9 31.8 95.3



Abundance



#88

1,4-Dichlorobenzene

Concen: 0.276 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX037149.D

Acq: 22 Aug 2023 12:56

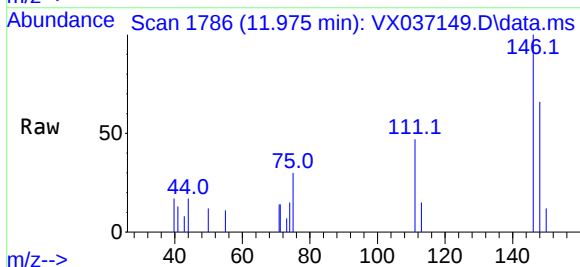
Tgt Ion:146 Resp: 1019

Ion Ratio Lower Upper

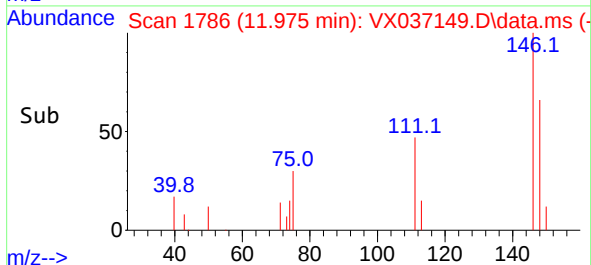
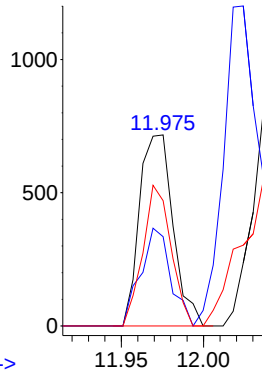
146 100

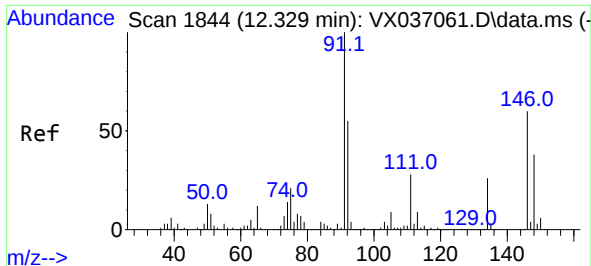
111 45.6 21.3 63.7

148 61.9 31.8 95.4



Abundance





#89

n-Butylbenzene

Concen: 0.681 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX037149.D

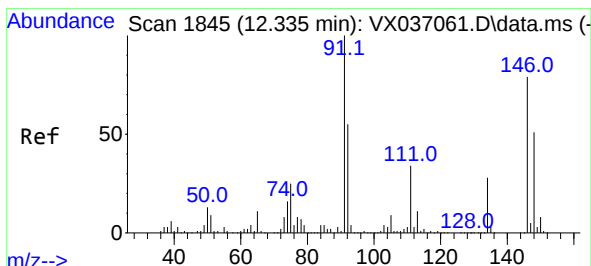
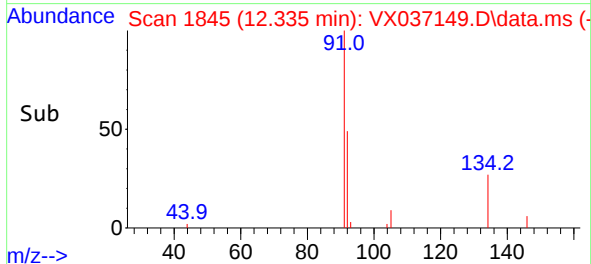
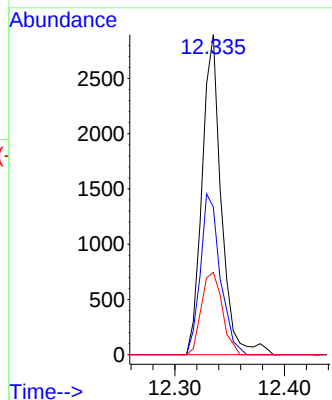
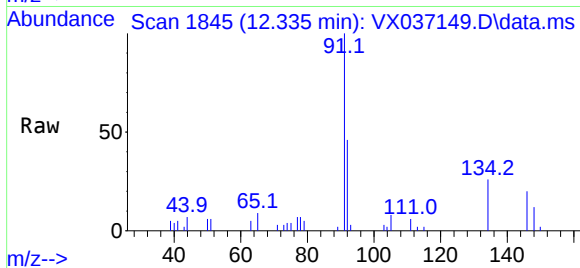
Acq: 22 Aug 2023 12:56

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 91	Resp:	3525
Ion	Ratio	Lower Upper
91	100	
92	51.9	27.4 82.0
134	28.0	12.6 37.8



#91

1,2-Dichlorobenzene

Concen: 0.217 ug/l

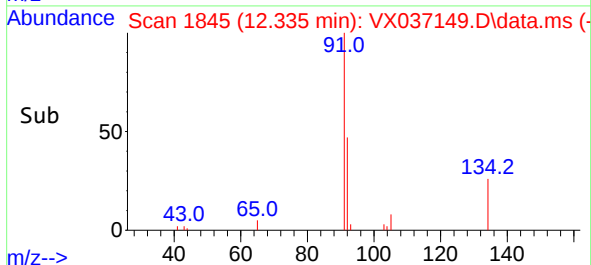
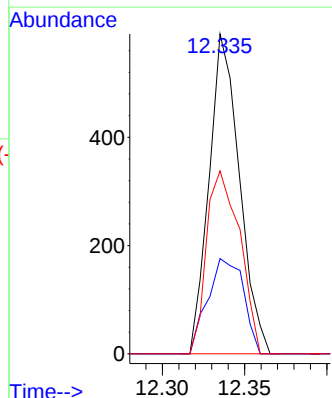
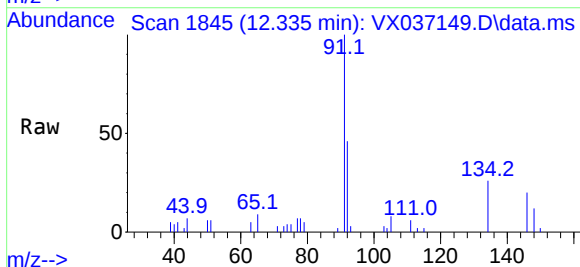
RT: 12.335 min Scan# 1845

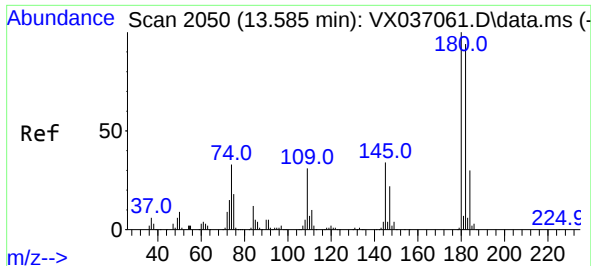
Delta R.T. -0.000 min

Lab File: VX037149.D

Acq: 22 Aug 2023 12:56

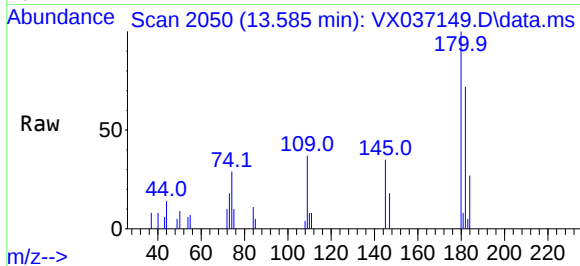
Tgt Ion: 146	Resp:	759
Ion	Ratio	Lower Upper
146	100	
111	35.0	22.4 67.0
148	62.3	31.6 95.0



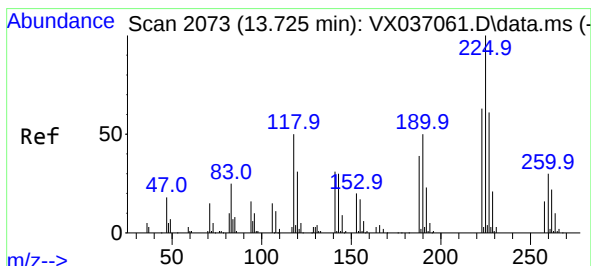
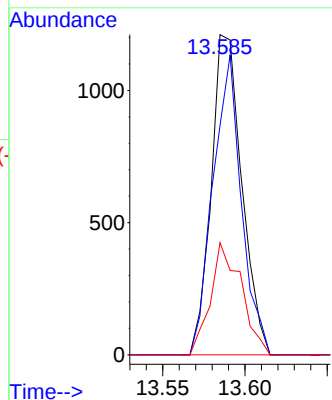
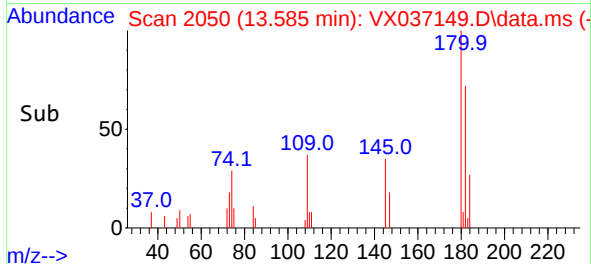


#93
1,2,4-Trichlorobenzene
Concen: 0.766 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

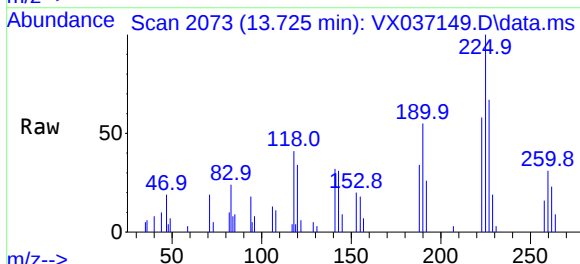
Instrument :
MSVOA_X
ClientSampleId :



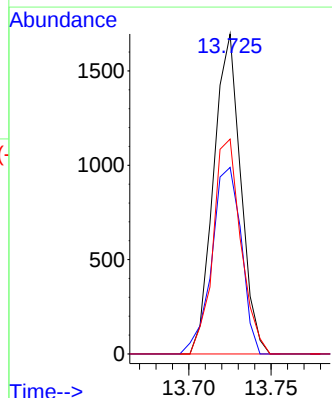
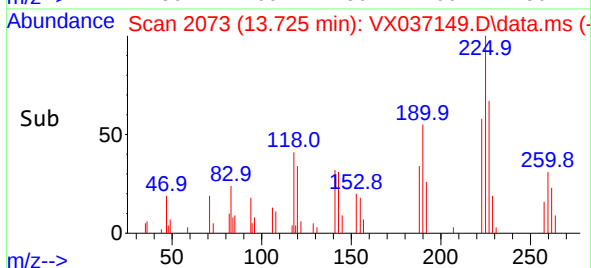
Tgt Ion:180 Resp: 1566
Ion Ratio Lower Upper
180 100
182 87.0 48.3 144.8
145 35.2 18.0 54.0

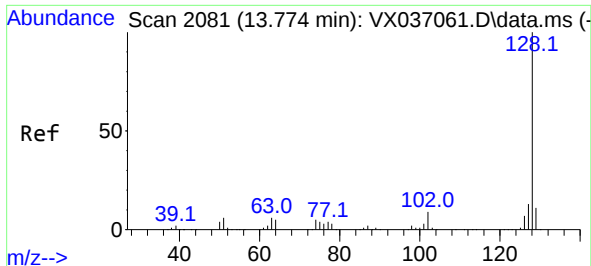


#94
Hexachlorobutadiene
Concen: 2.465 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56



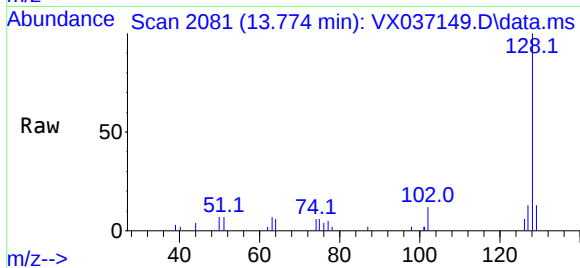
Tgt Ion:225 Resp: 1947
Ion Ratio Lower Upper
225 100
223 63.4 31.1 93.2
227 68.9 32.5 97.5



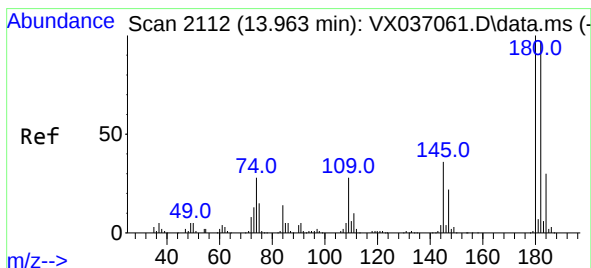
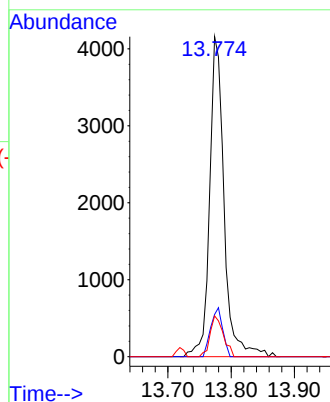
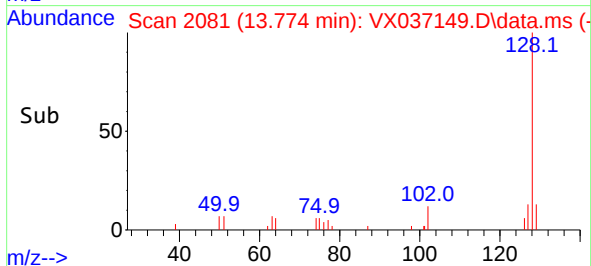


#95
Naphthalene
Concen: 0.738 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56

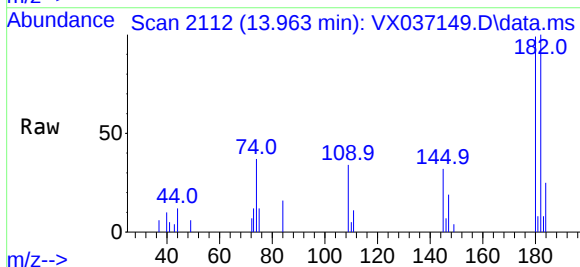
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 6610
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.736 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037149.D
Acq: 22 Aug 2023 12:56



Tgt Ion:180 Resp: 1494
Ion Ratio Lower Upper
180 100
182 105.0 46.9 140.6
145 35.8 17.8 53.5

