

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030123\
 Data File : VX034285.D
 Acq On : 01 Mar 2023 12:09
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

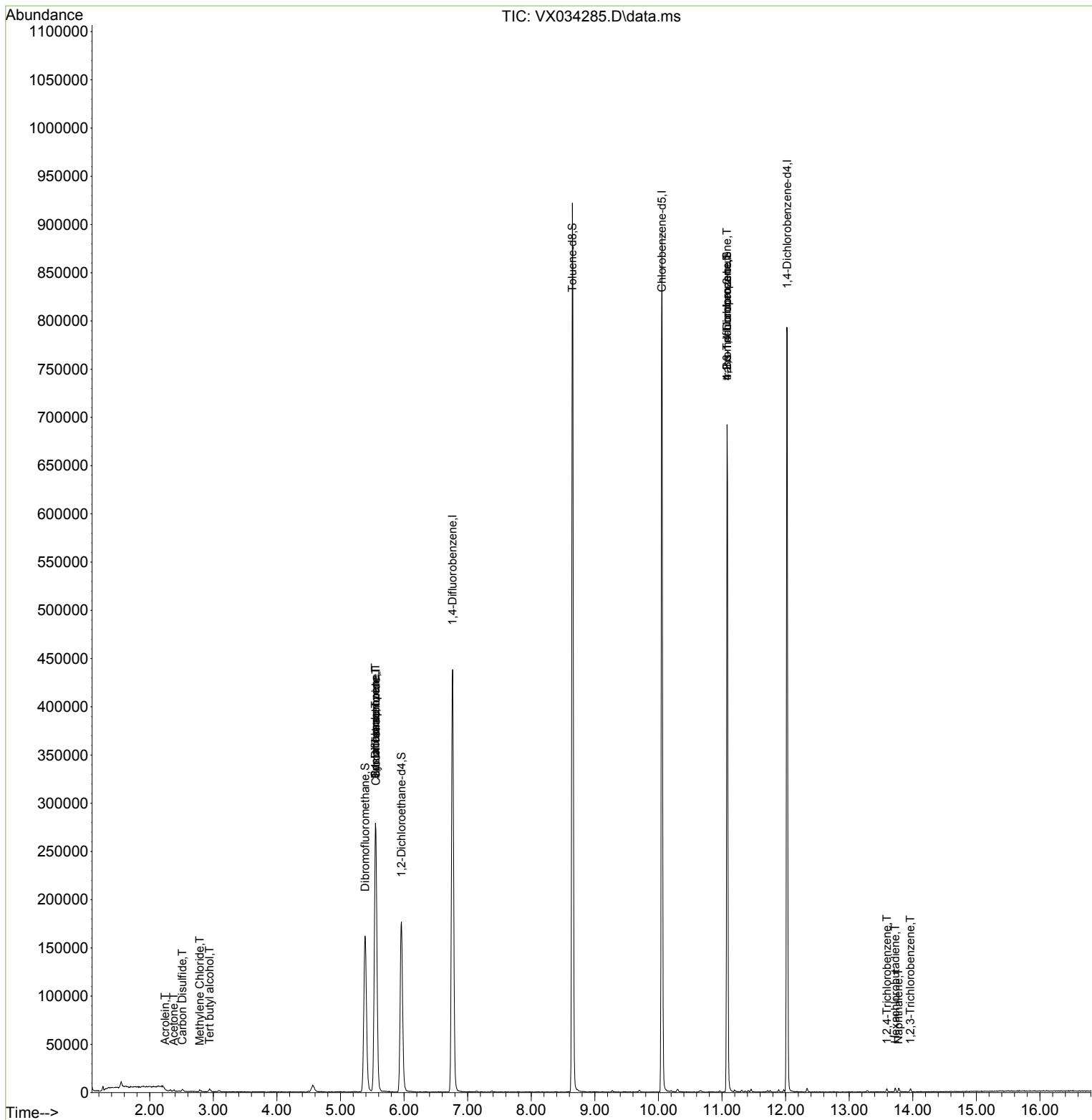
Quant Time: Mar 02 00:40:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

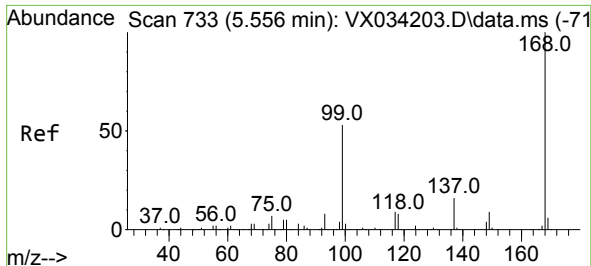
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	280495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	463278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	406227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163070	43.168	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	86.340%	
35) Dibromofluoromethane	5.385	113	142228	47.152	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.300%	
50) Toluene-d8	8.647	98	545796	50.397	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	100.800%	
62) 4-Bromofluorobenzene	11.079	95	183328	44.256	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	88.520%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	438	Below Cal	#	57
11) Tert butyl alcohol	2.941	59	1860	2.201	ug/l #	90
13) Acrolein	2.239	56	209	0.542	ug/l #	14
16) Acetone	2.380	43	1149	0.590	ug/l #	85
17) Carbon Disulfide	2.514	76	2823	0.324	ug/l	98
20) Methylene Chloride	2.788	84	885	0.252	ug/l #	89
31) Cyclohexane	5.550	56	5889	1.044	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21122	4.735	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26262	5.721	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	90640	20.704	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	90640	53.187	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	1048	0.279	ug/l	97
94) Hexachlorobutadiene	13.725	225	672	0.431	ug/l	95
95) Naphthalene	13.774	128	3126	0.247	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1146	0.307	ug/l	93

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

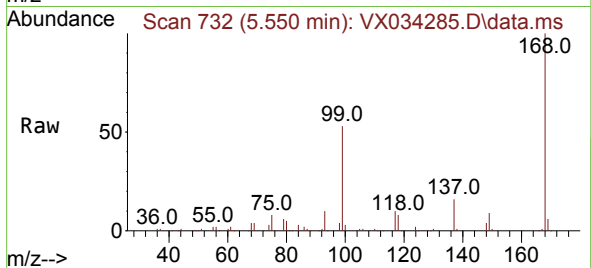
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Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration



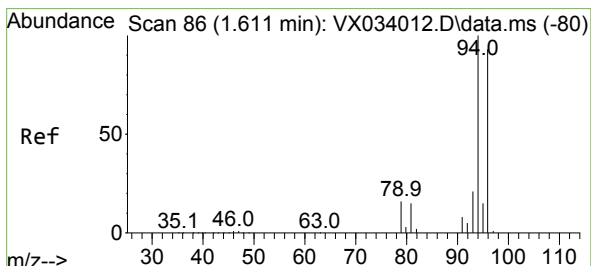
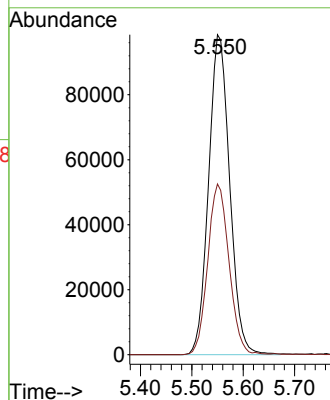
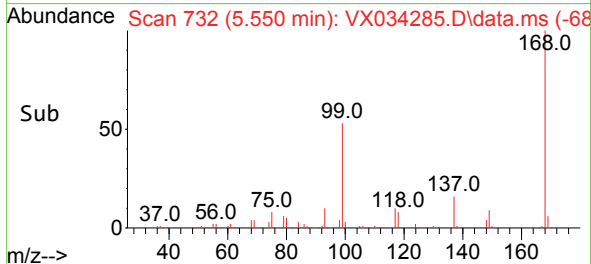


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :

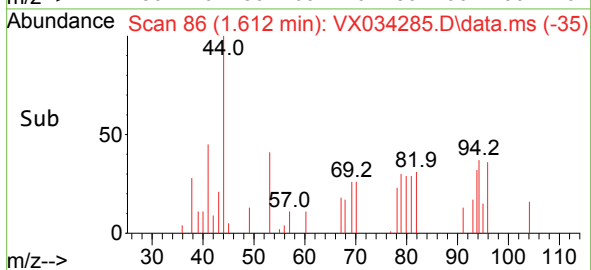
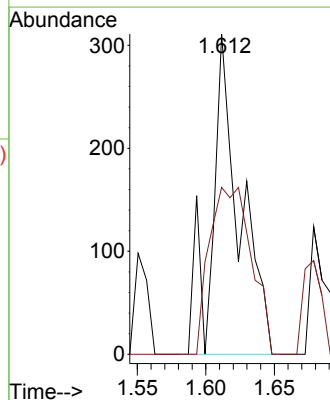
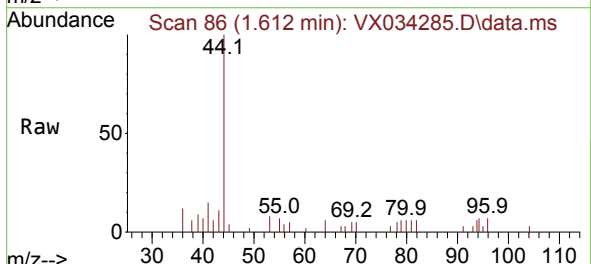


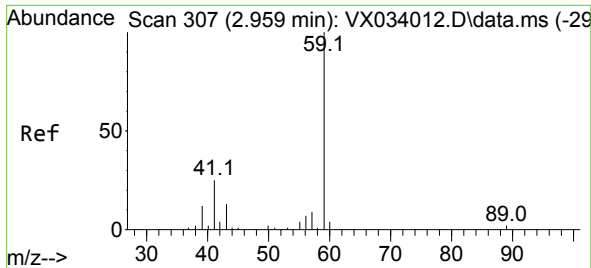
Tgt Ion:168 Resp: 280495
Ion Ratio Lower Upper
168 100
99 53.3 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09

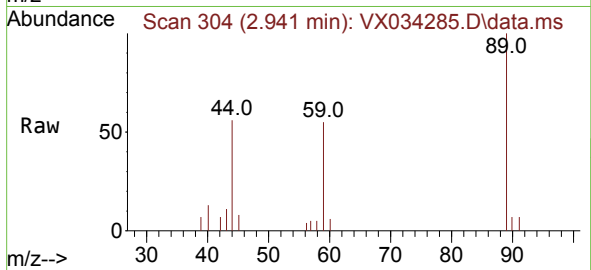
Tgt Ion: 94 Resp: 438
Ion Ratio Lower Upper
94 100
96 52.1 74.3 111.5#



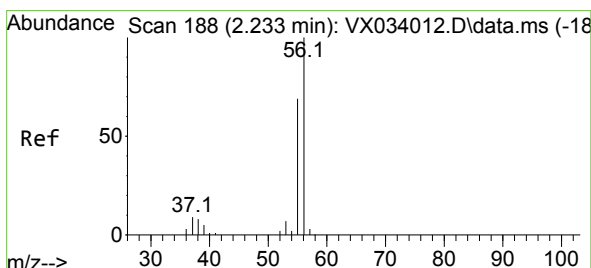
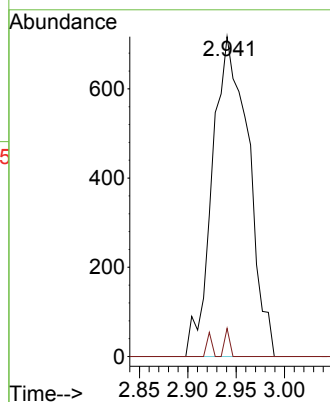
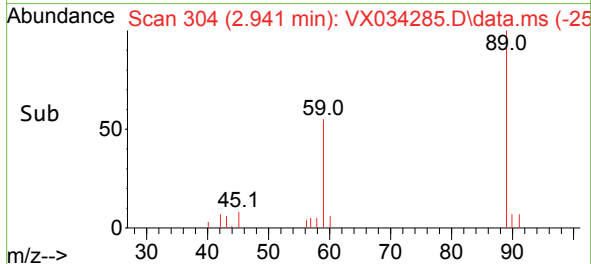


#11
Tert butyl alcohol
Concen: 2.201 ug/l
RT: 2.941 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09

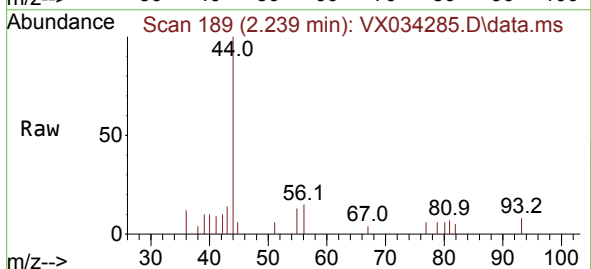
Instrument :
MSVOA_X
ClientSampleId :



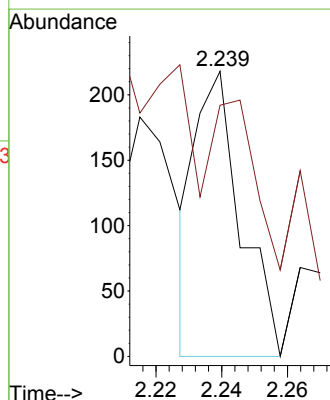
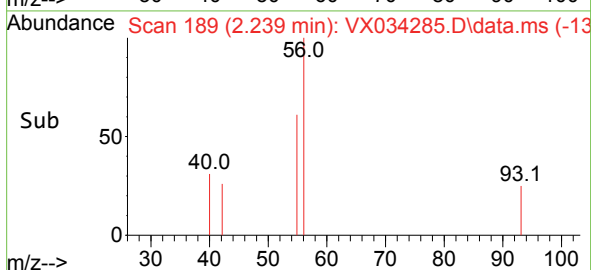
Tgt Ion: 59 Resp: 1860
Ion Ratio Lower Upper
59 100
57 1.2 3.7 5.5#

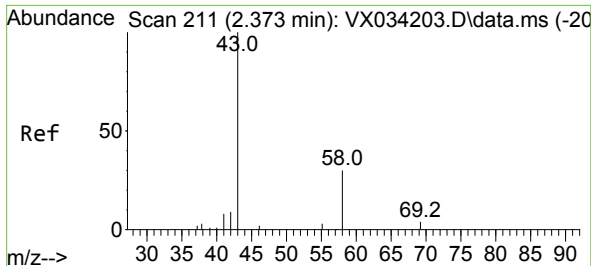


#13
Acrolein
Concen: 0.542 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09



Tgt Ion: 56 Resp: 209
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#

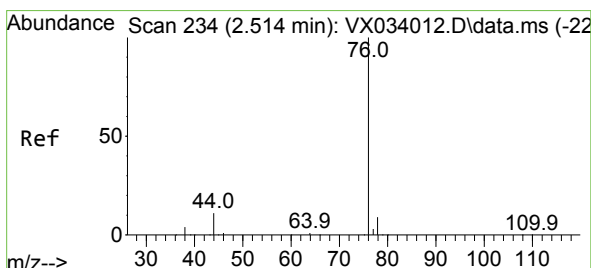
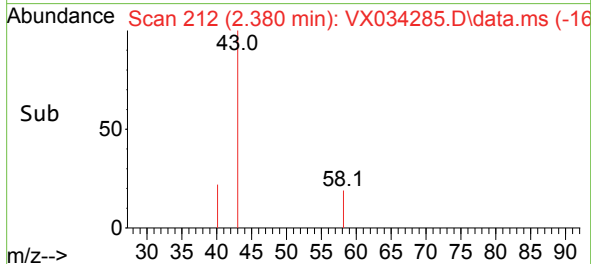
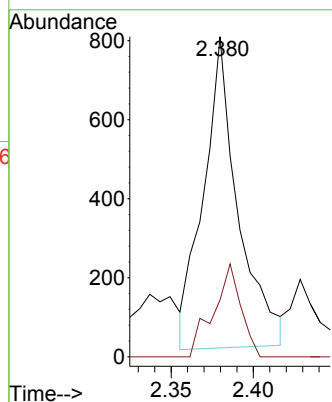
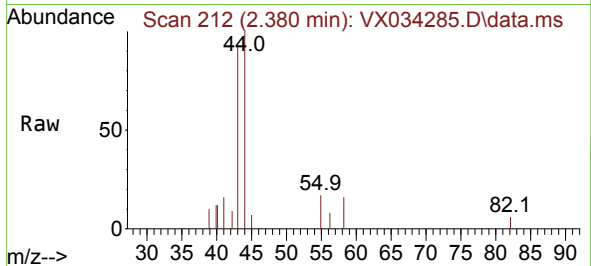




#16
Acetone
Concen: 0.590 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09

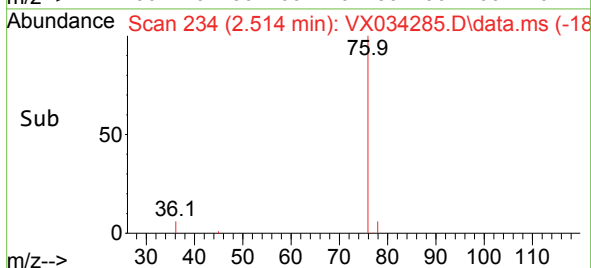
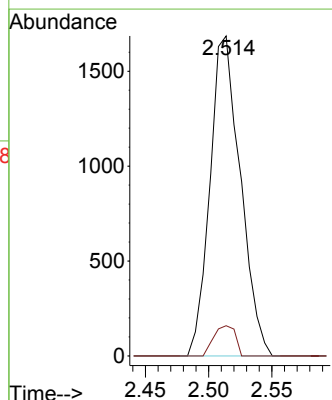
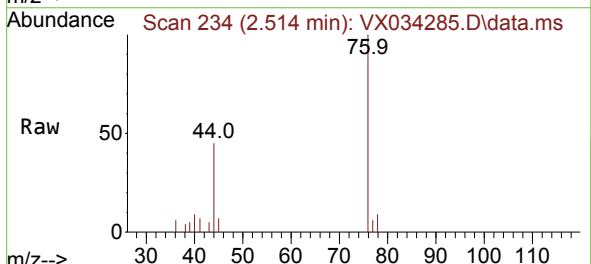
Instrument :
MSVOA_X
ClientSampleId :

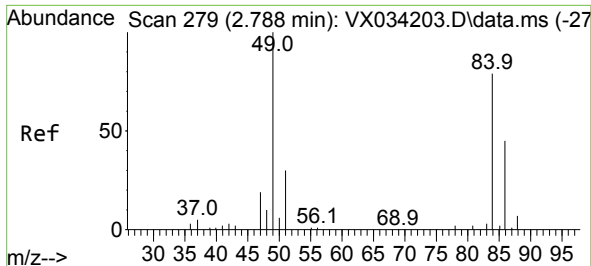
Tgt Ion: 43 Resp: 1149
Ion Ratio Lower Upper
43 100
58 20.3 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.324 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09

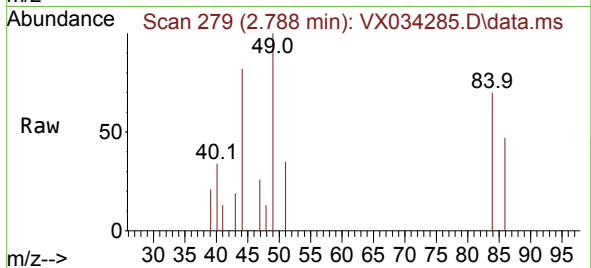
Tgt Ion: 76 Resp: 2823
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6





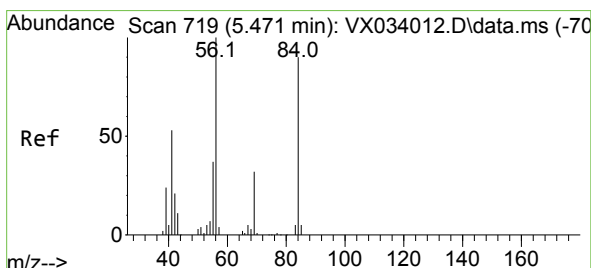
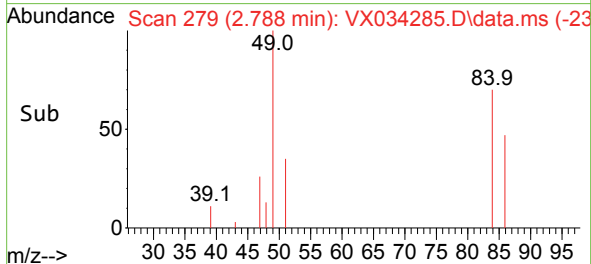
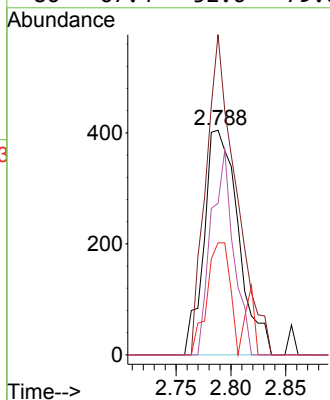
#20
Methylene Chloride
Concen: 0.252 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 885

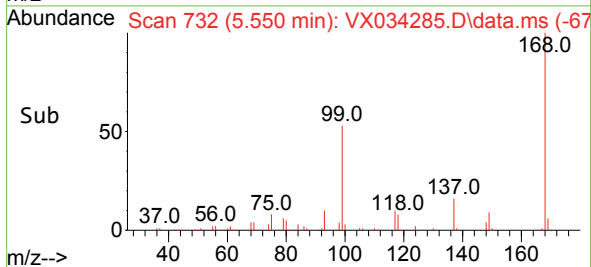
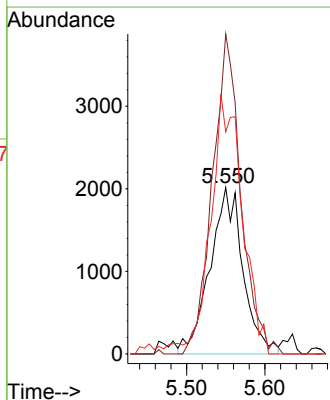
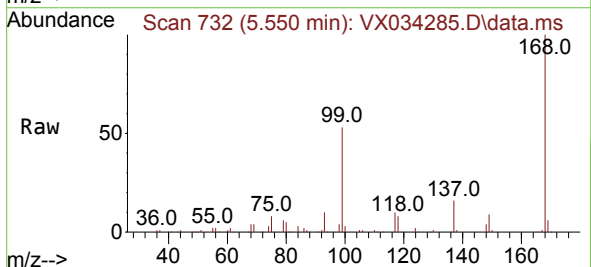
Ion	Ratio	Lower	Upper
84	100		
49	142.5	101.1	151.7
51	49.9	31.0	46.6#
86	67.4	52.6	79.0

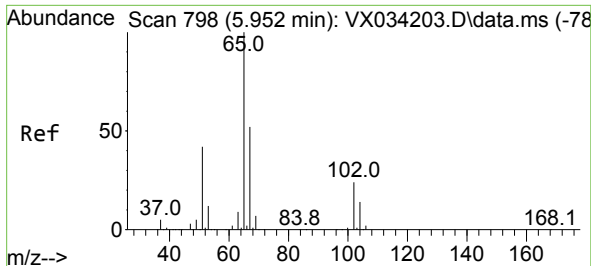


#31
Cyclohexane
Concen: 1.044 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09

Tgt Ion: 56 Resp: 5889

Ion	Ratio	Lower	Upper
56	100		
69	198.7	24.6	37.0#
84	138.0	71.0	106.6#





#33

1,2-Dichloroethane-d4

Concen: 43.168 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034285.D

Acq: 01 Mar 2023 12:09

Instrument :

MSVOA_X

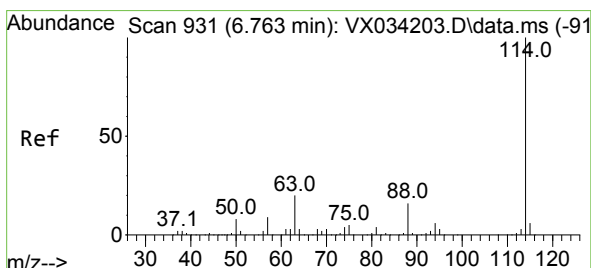
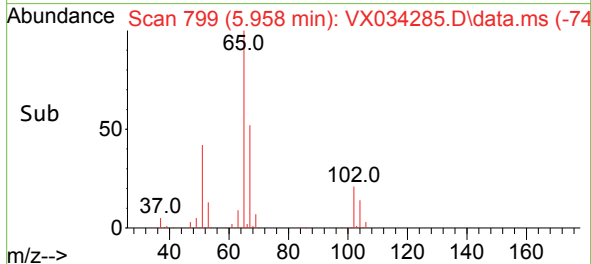
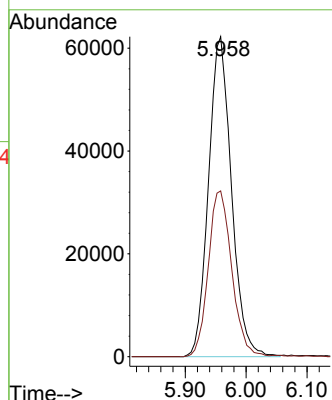
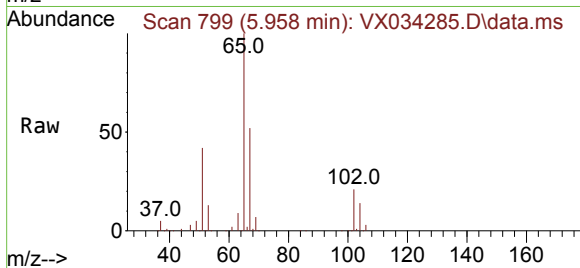
ClientSampleId :

Tgt Ion: 65 Resp: 163070

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034285.D

Acq: 01 Mar 2023 12:09

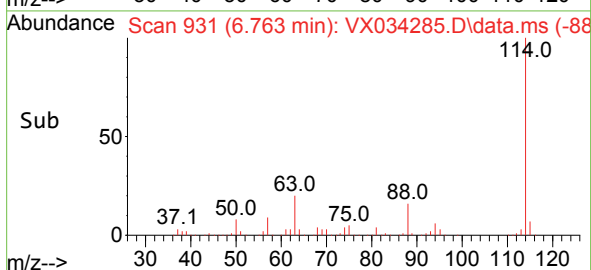
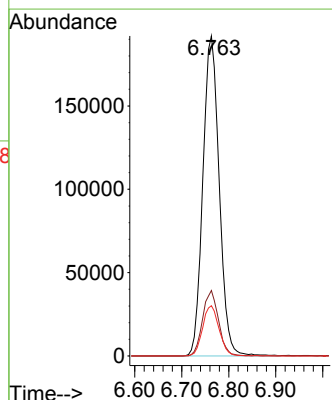
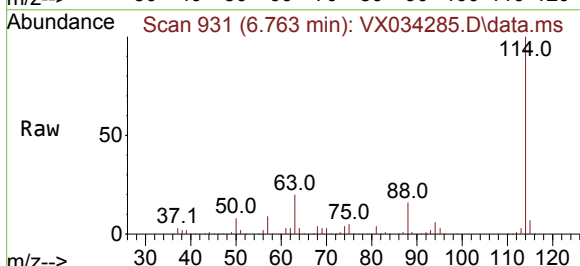
Tgt Ion: 114 Resp: 463278

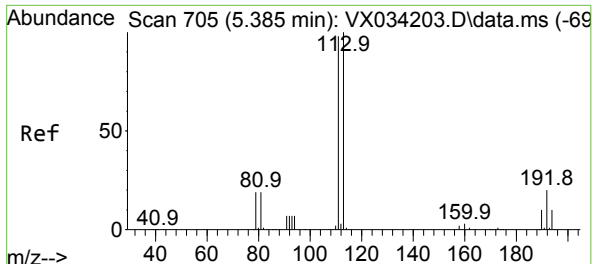
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

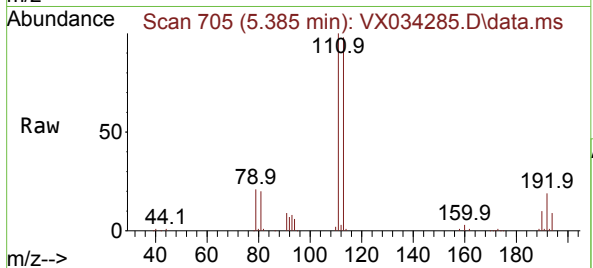
88 15.7 0.0 30.6



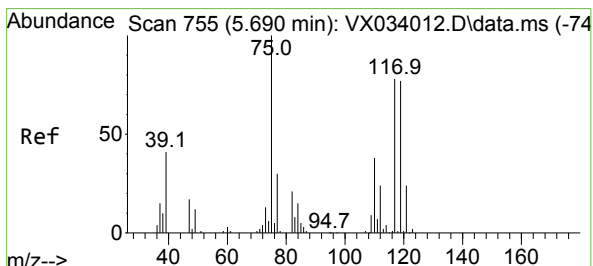
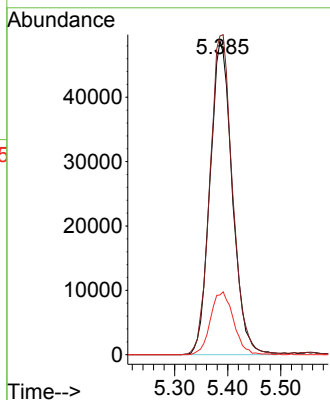
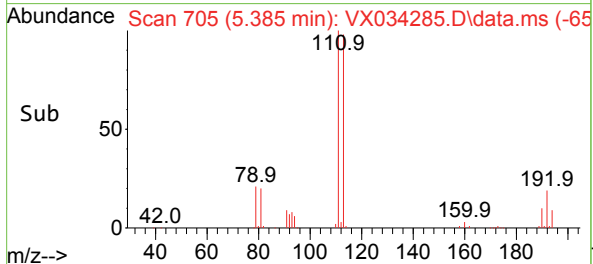


#35
Dibromofluoromethane
Concen: 47.152 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :

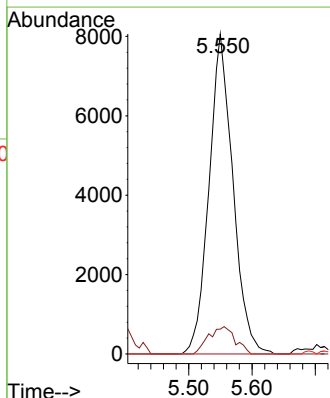
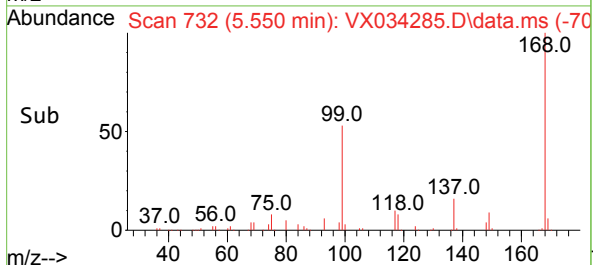
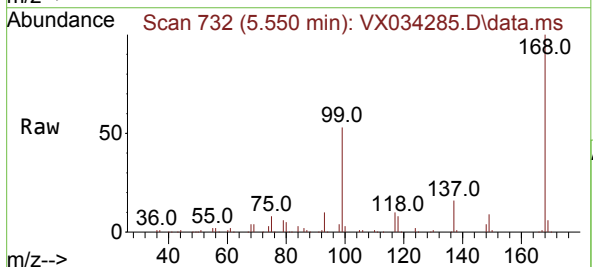


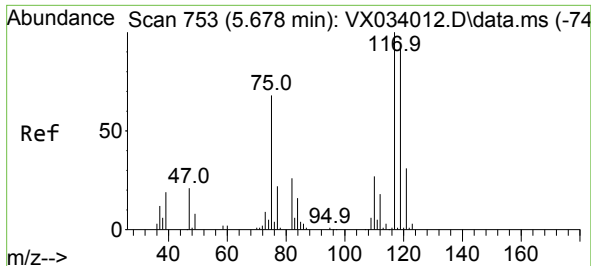
Tgt Ion:113 Resp: 142228
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.6
192 20.7 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.735 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09

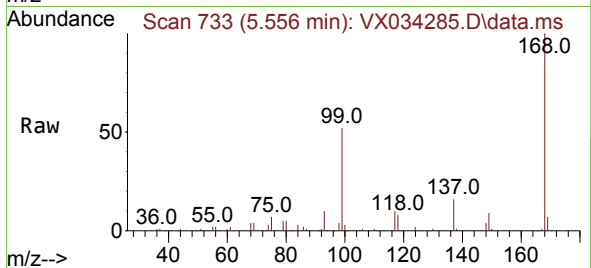
Tgt Ion: 75 Resp: 21122
Ion Ratio Lower Upper
75 100
110 9.5 18.8 56.4#
77 0.0 25.1 37.7#



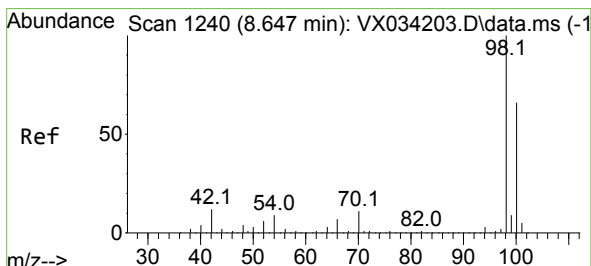
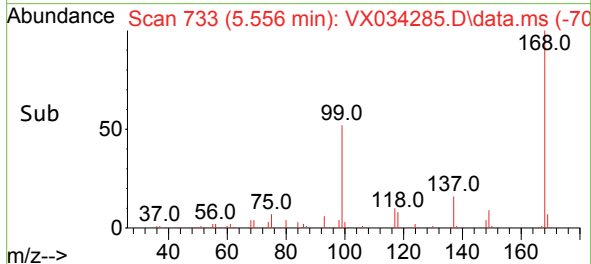
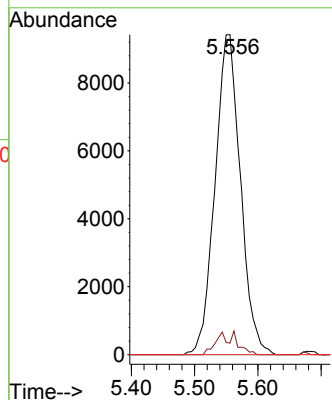


#38
Carbon Tetrachloride
Concen: 5.721 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.116 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09

Instrument :
MSVOA_X
ClientSampleId :

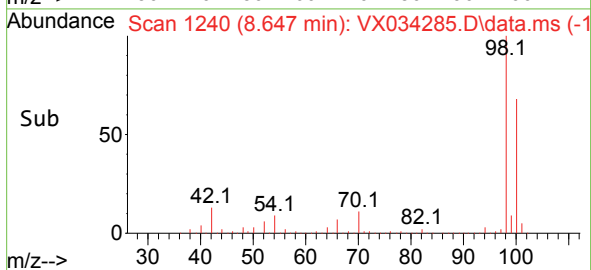
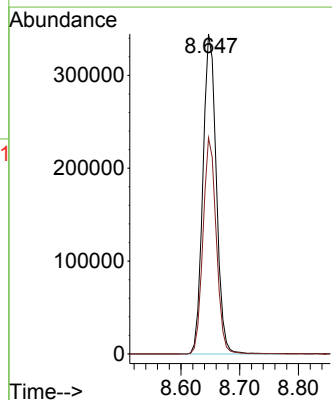
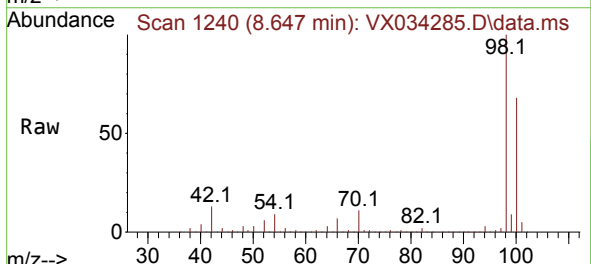


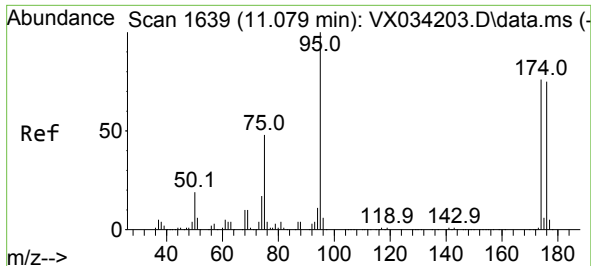
Tgt Ion:117 Resp: 26262
Ion Ratio Lower Upper
117 100
119 3.6 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.397 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09

Tgt Ion: 98 Resp: 545796
Ion Ratio Lower Upper
98 100
100 66.7 53.6 80.4

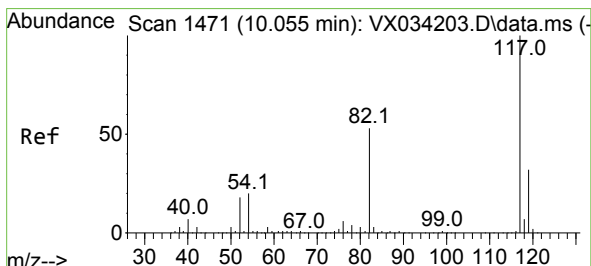
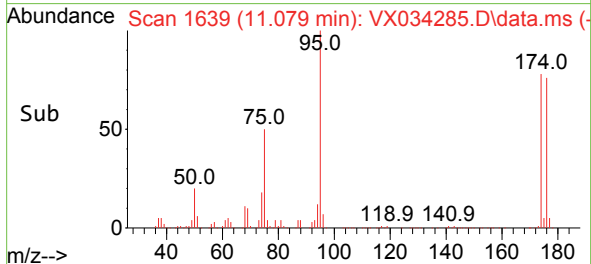
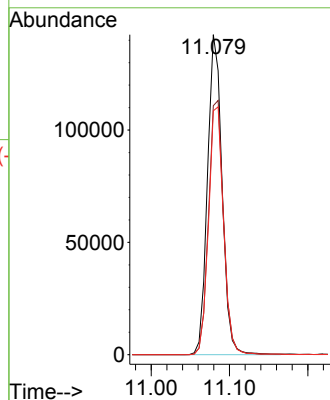
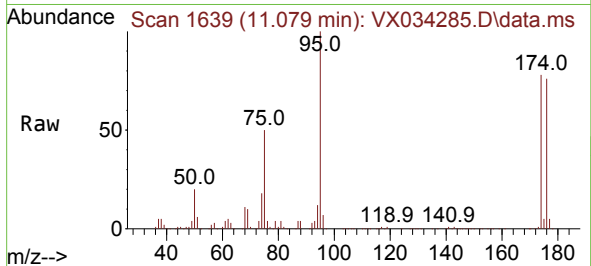




#62
4-Bromofluorobenzene
Concen: 44.256 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09

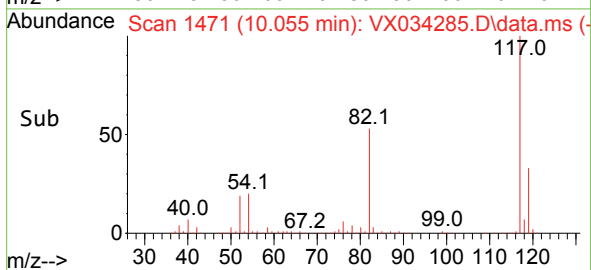
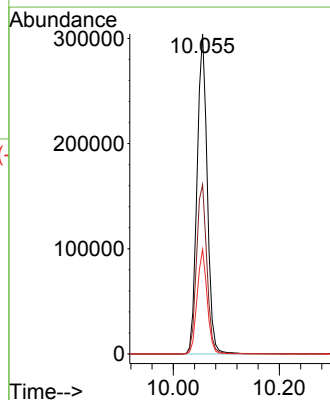
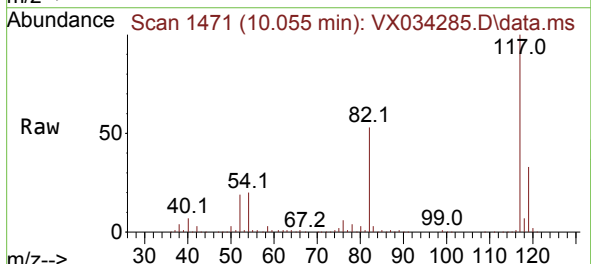
Instrument :
MSVOA_X
ClientSampleId :

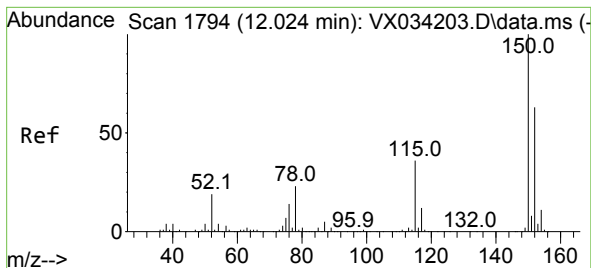
Tgt Ion: 95 Resp: 183328
Ion Ratio Lower Upper
95 100
174 82.4 0.0 184.4
176 80.1 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09

Tgt Ion: 117 Resp: 406227
Ion Ratio Lower Upper
117 100
82 53.0 40.6 60.8
119 32.7 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034285.D

Acq: 01 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :

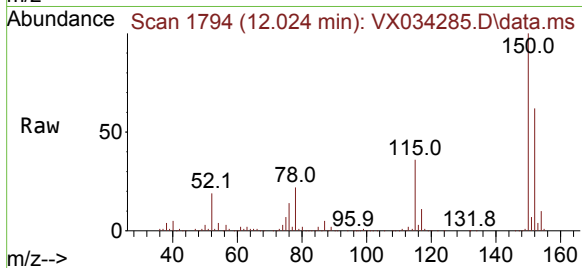
Tgt Ion:152 Resp: 173983

Ion Ratio Lower Upper

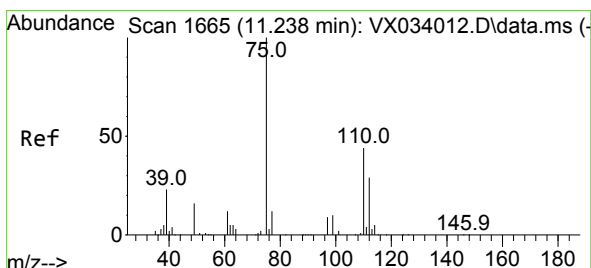
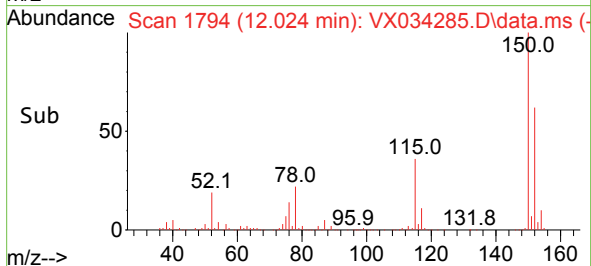
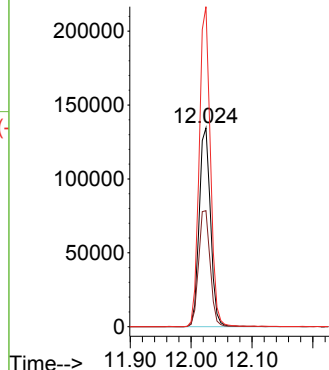
152 100

115 59.5 38.7 116.1

150 158.4 0.0 348.2



Abundance



#76

1,2,3-Trichloropropane

Concen: 20.704 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034285.D

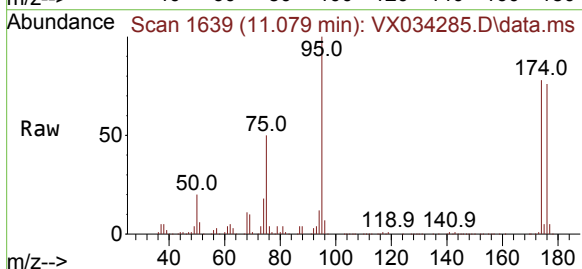
Acq: 01 Mar 2023 12:09

Tgt Ion: 75 Resp: 90640

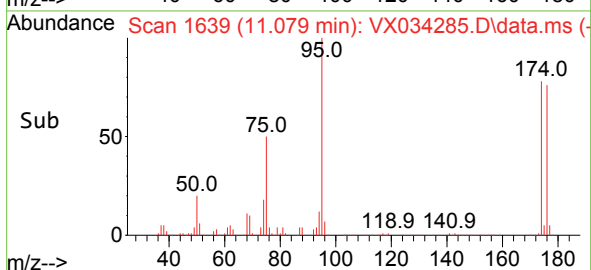
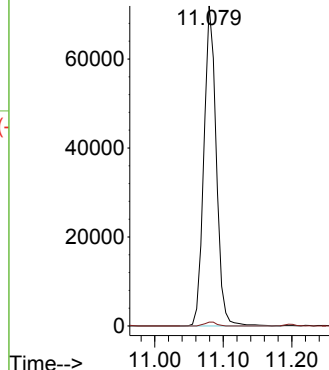
Ion Ratio Lower Upper

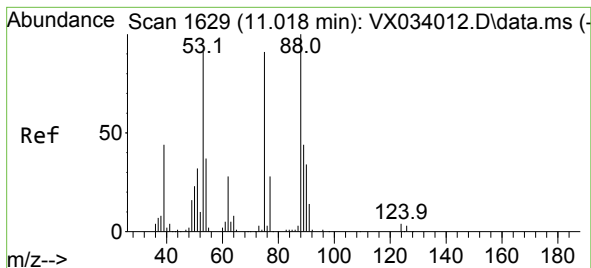
75 100

77 1.2 21.8 65.4#



Abundance

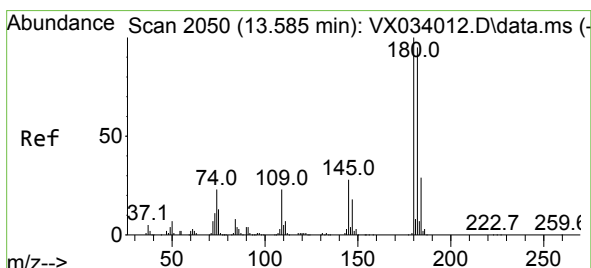
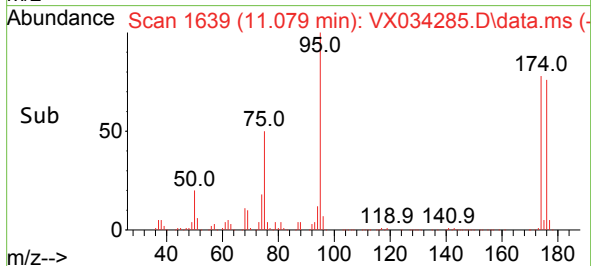
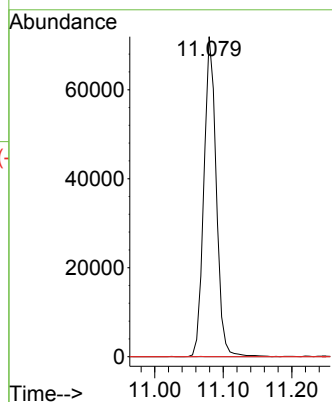
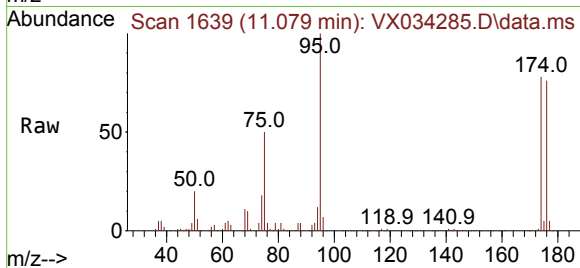




#81
trans-1,4-Dichloro-2-butene
Concen: 53.187 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09

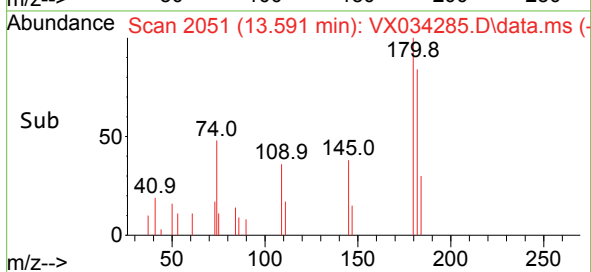
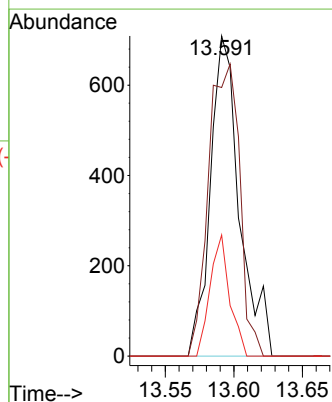
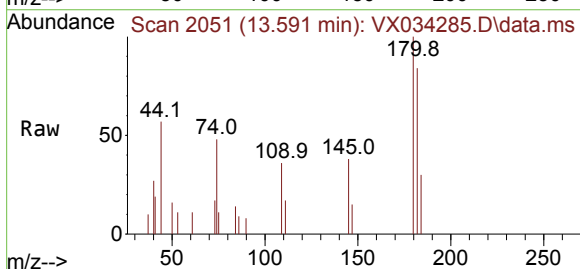
Instrument :
MSVOA_X
ClientSampleId :

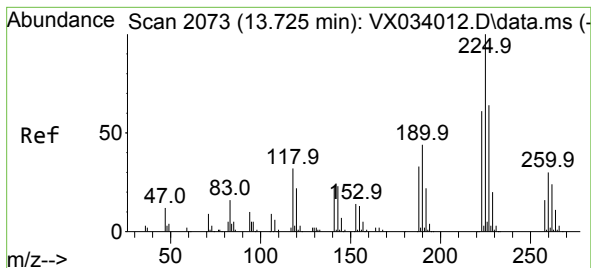
Tgt Ion: 75 Resp: 90640
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.279 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09

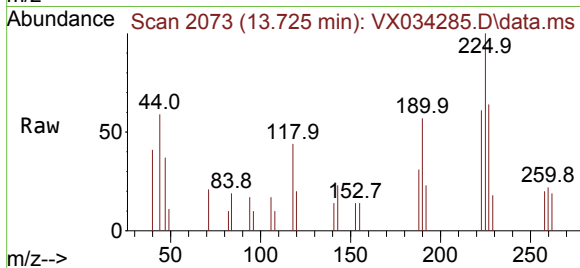
Tgt Ion: 180 Resp: 1048
Ion Ratio Lower Upper
180 100
182 97.6 47.9 143.6
145 25.4 14.1 42.2



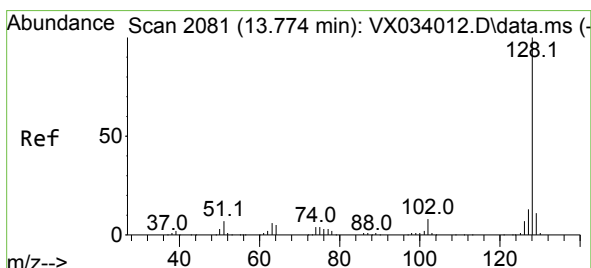
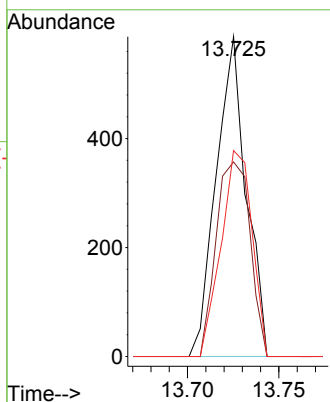
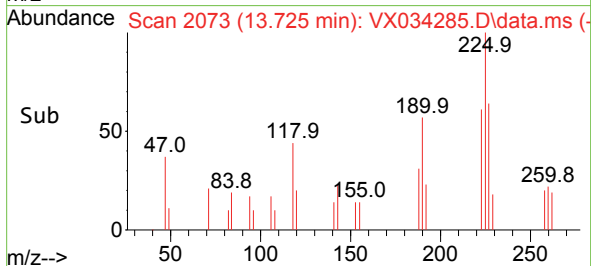


#94
Hexachlorobutadiene
Concen: 0.431 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09

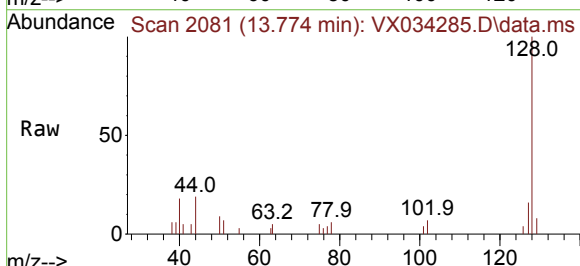
Instrument :
MSVOA_X
ClientSampleId :



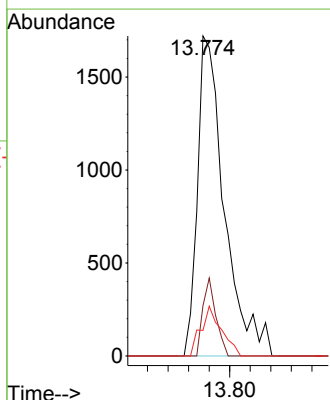
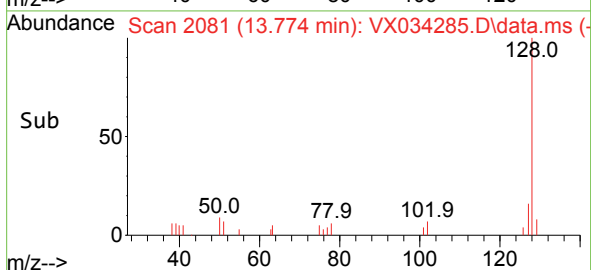
Tgt Ion:225 Resp: 672
Ion Ratio Lower Upper
225 100
223 68.8 31.3 93.9
227 66.2 32.3 96.9

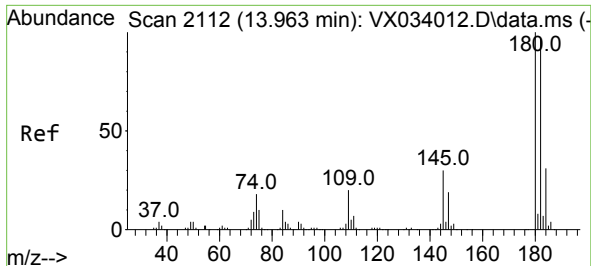


#95
Naphthalene
Concen: 0.247 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034285.D
Acq: 01 Mar 2023 12:09



Tgt Ion:128 Resp: 3126
Ion Ratio Lower Upper
128 100
127 11.8 10.3 15.5
129 11.8 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 0.307 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

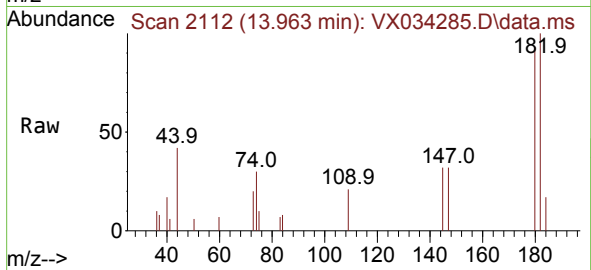
Lab File: VX034285.D

Acq: 01 Mar 2023 12:09

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 1146

Ion Ratio Lower Upper

180 100

182 88.7 47.6 142.9

145 25.6 15.1 45.3

