

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038045.D
 Acq On : 03 Oct 2023 18:29
 Operator : JC/MD
 Sample : VX1003MBL01
 Misc : 5.00g/10 mL/100uL/5.0mL/MSVOA_X/MeOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 09:13:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

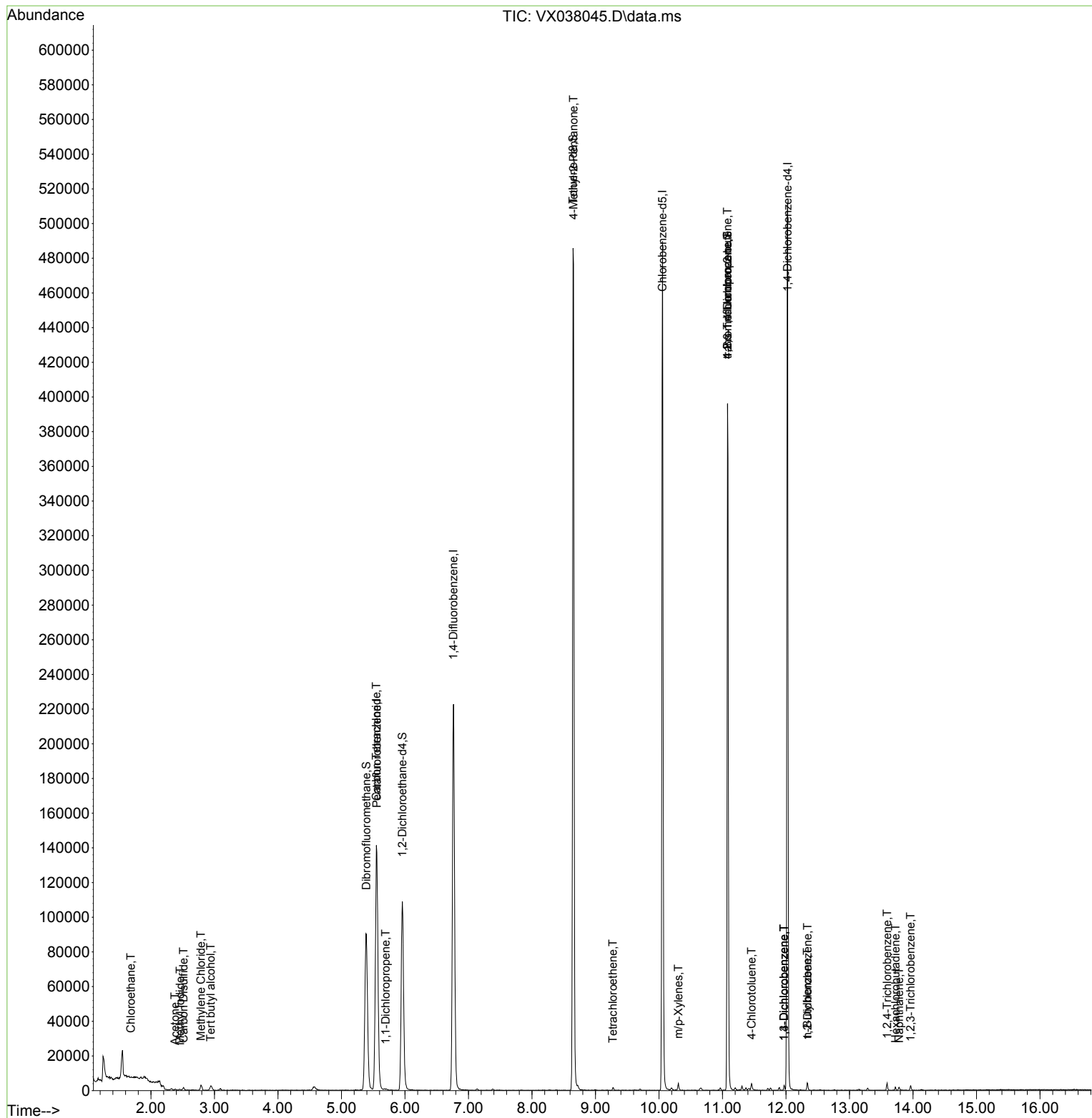
Internal Standards						
1) Pentafluorobenzene	5.556	168	128272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105856	53.038	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.080%			
35) Dibromofluoromethane	5.391	113	77605	51.291	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	8.647	98	292358	50.490	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.980%			
62) 4-Bromofluorobenzene	11.079	95	101005	47.930	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.860%			
Target Compounds					Qvalue	
6) Chloroethane	1.685	64	274	0.240	ug/l #	85
10) Methyl Iodide	2.459	142	491	0.365	ug/l #	80
11) Tert butyl alcohol	2.941	59	1759	3.923	ug/l #	78
16) Acetone	2.380	43	510	0.582	ug/l #	89
17) Carbon Disulfide	2.514	76	1765	0.514	ug/l #	83
20) Methylene Chloride	2.788	84	1215	0.245	ug/l	85
36) 1,1-Dichloropropene	5.696	75	456	0.205	ug/l #	42
38) Carbon Tetrachloride	5.550	117	13692	6.310	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1336	0.496	ug/l #	1
64) Tetrachloroethene	9.275	164	323	0.232	ug/l #	72
68) m/p-Xylenes	10.305	106	791	0.261	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	56337	23.536	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56337	79.488	ug/l #	5
82) 4-Chlorotoluene	11.457	91	1460	0.242	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	972	0.282	ug/l	89
88) 1,4-Dichlorobenzene	11.969	146	972	0.270	ug/l	87
89) n-Butylbenzene	12.335	91	1650	0.262	ug/l	88
91) 1,2-Dichlorobenzene	12.341	146	728	0.222	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	1072	0.471	ug/l	90
94) Hexachlorobutadiene	13.725	225	381	0.392	ug/l	78
95) Naphthalene	13.780	128	1632	0.213	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.963	180	735	0.334	ug/l	95

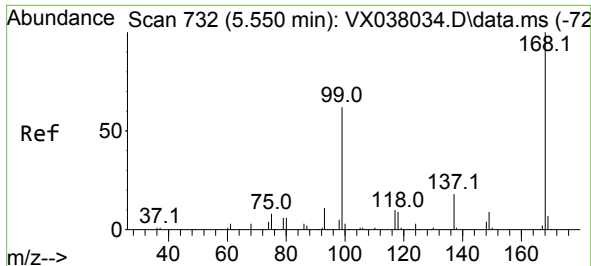
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
Data File : VX038045.D
Acq On : 03 Oct 2023 18:29
Operator : JC/MD
Sample : VX1003MBL01
Misc : 5.00g/10 mL/100uL/5.0mL/MSVOA_X/MeOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

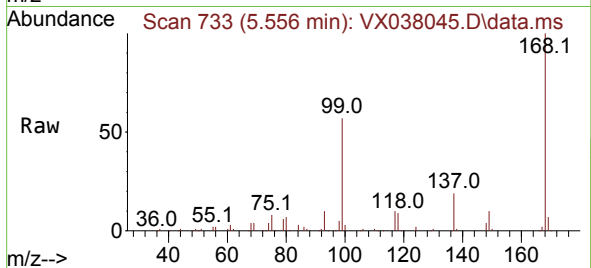
Quant Time: Oct 04 09:13:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 04 09:08:35 2023
Response via : Initial Calibration



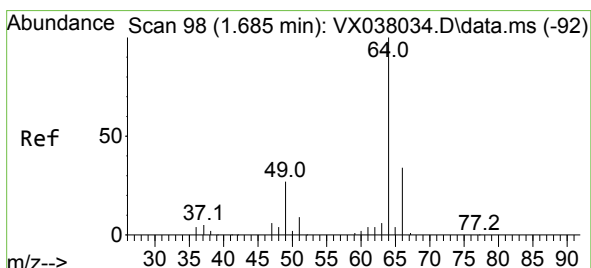
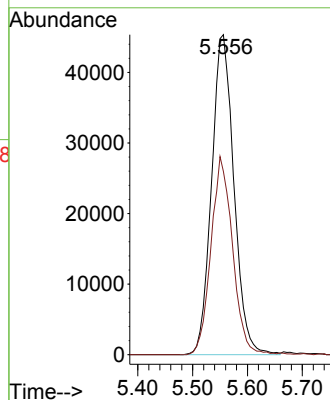
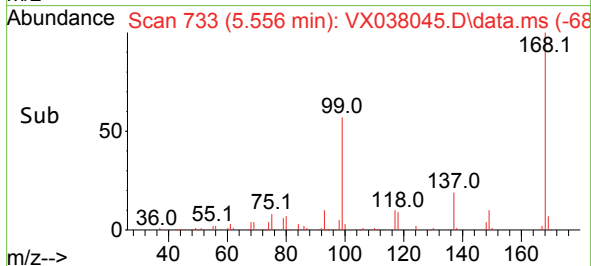


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

Instrument :
MSVOA_X
ClientSampleId :

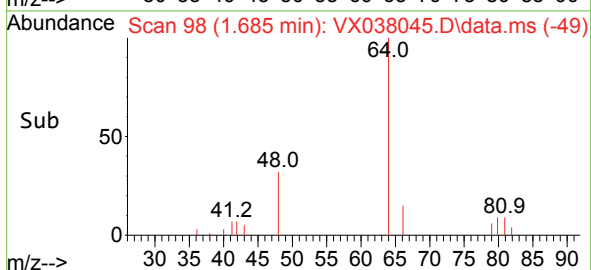
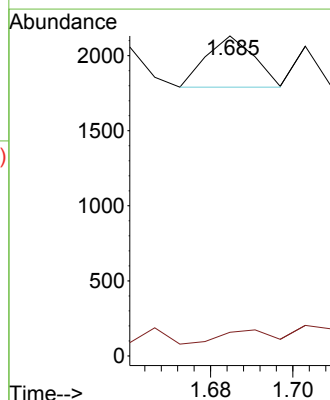
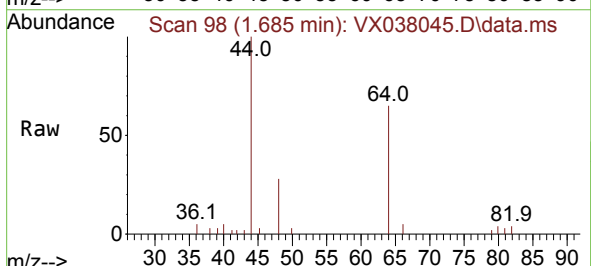


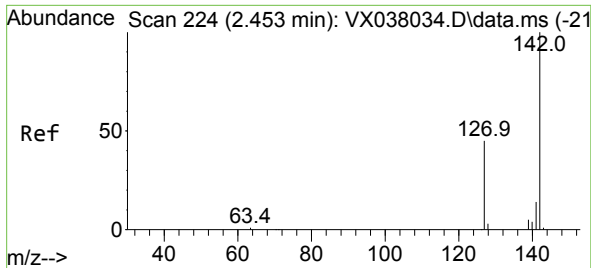
Tgt Ion:168 Resp: 128272
Ion Ratio Lower Upper
168 100
99 57.3 56.6 85.0



#6
Chloroethane
Concen: 0.240 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

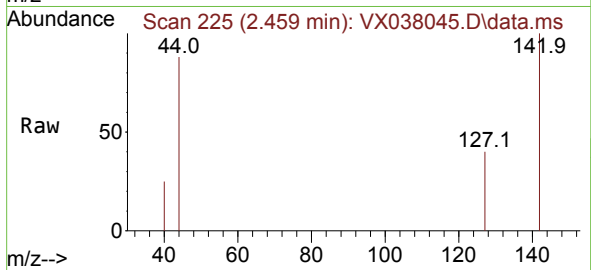
Tgt Ion: 64 Resp: 274
Ion Ratio Lower Upper
64 100
66 23.2 25.1 37.7#



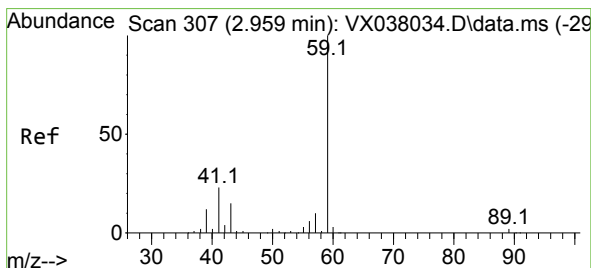
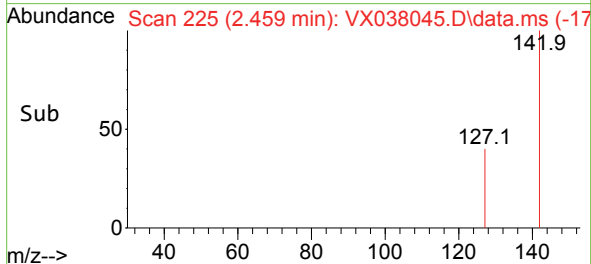
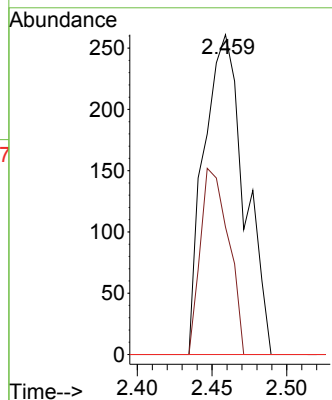


#10
Methyl Iodide
Concen: 0.365 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

Instrument :
MSVOA_X
ClientSampleId :

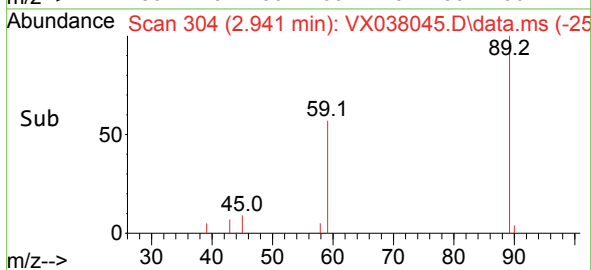
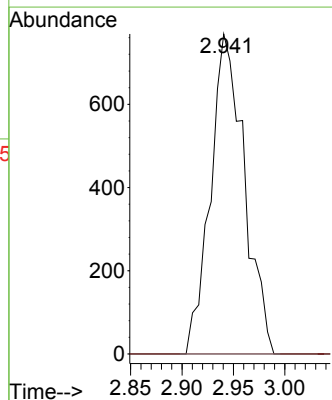
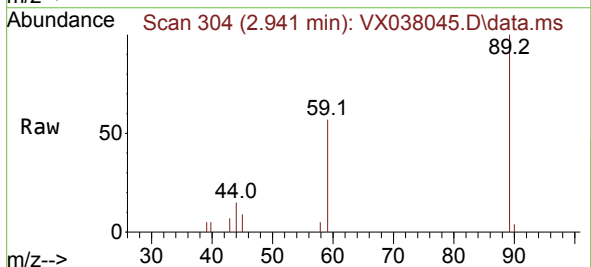


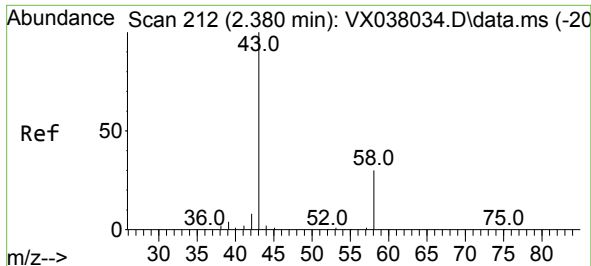
Tgt Ion:142 Resp: 491
Ion Ratio Lower Upper
142 100
127 40.5 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 3.923 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

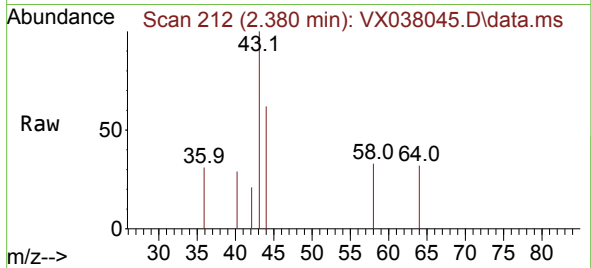
Tgt Ion: 59 Resp: 1759
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



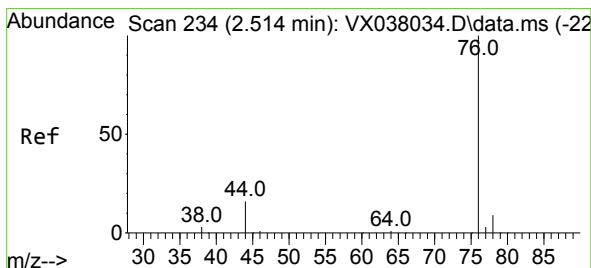
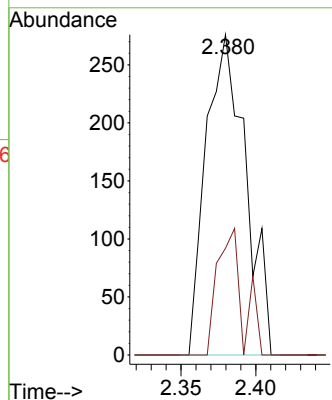
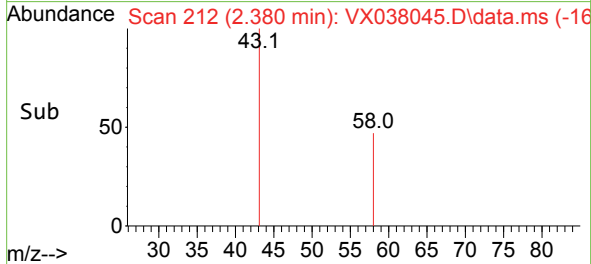


#16
Acetone
Concen: 0.582 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

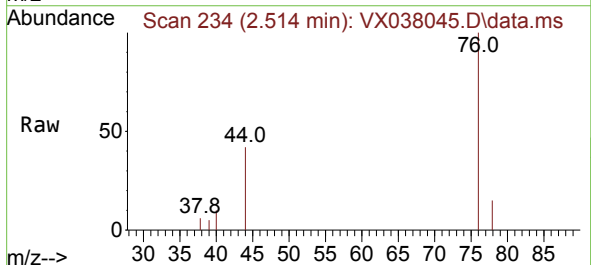
Instrument :
MSVOA_X
ClientSampleId :



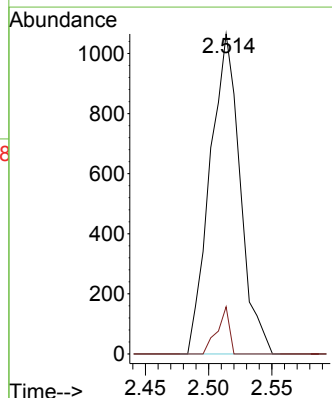
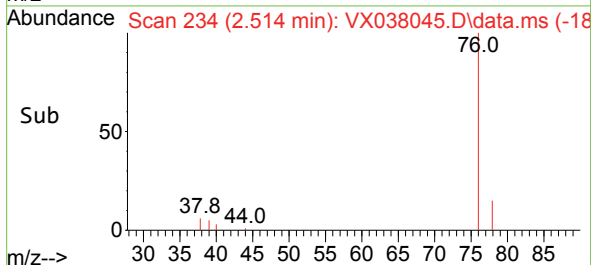
Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9#

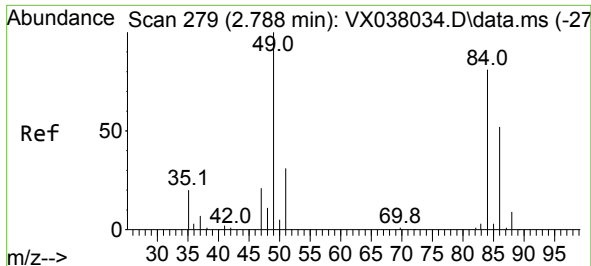


#17
Carbon Disulfide
Concen: 0.514 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29



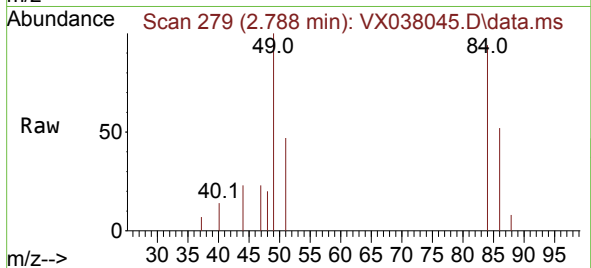
Tgt Ion: 76 Resp: 1765
Ion Ratio Lower Upper
76 100
78 14.7 7.0 10.6#





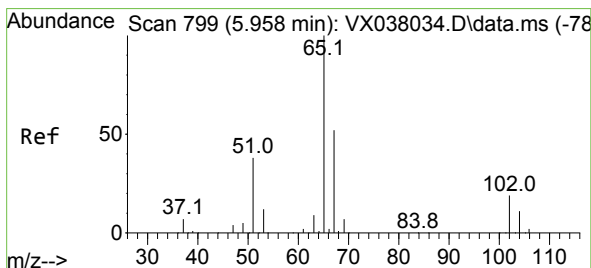
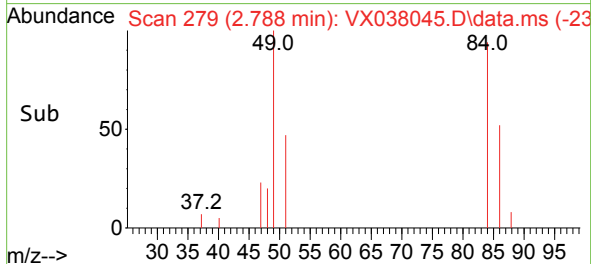
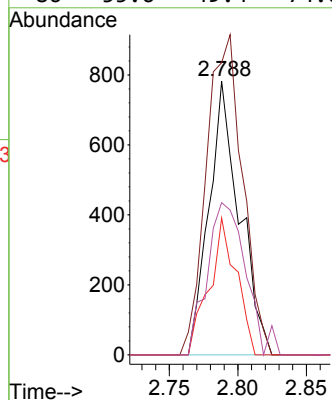
#20
Methylene Chloride
Concen: 0.245 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1215

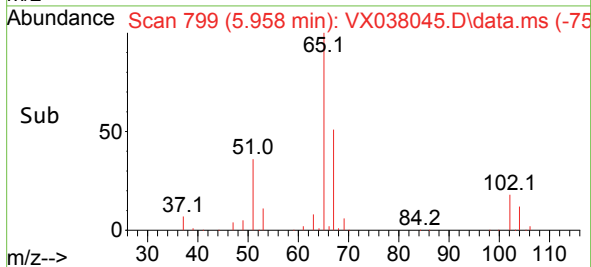
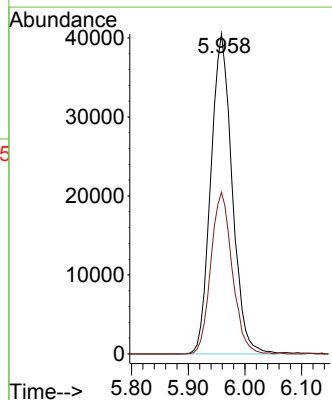
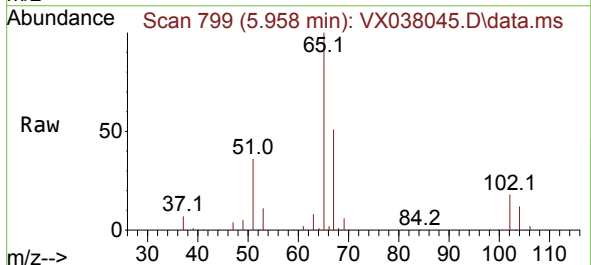
Ion	Ratio	Lower	Upper
84	100		
49	106.8	103.6	155.4
51	50.0	33.8	50.6
86	55.6	49.4	74.0

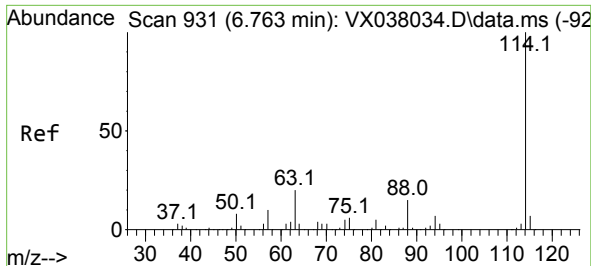


#33
1,2-Dichloroethane-d4
Concen: 53.038 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

Tgt Ion: 65 Resp: 105856

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	100.2

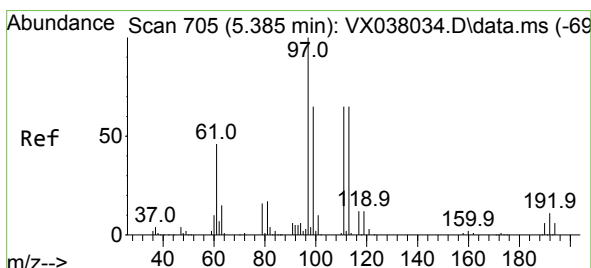
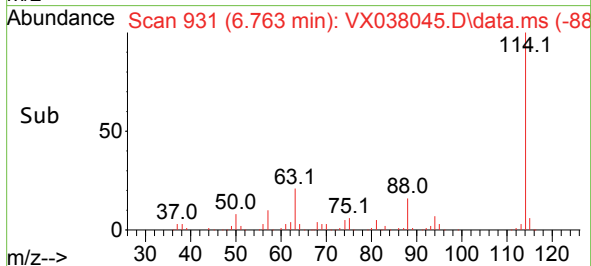
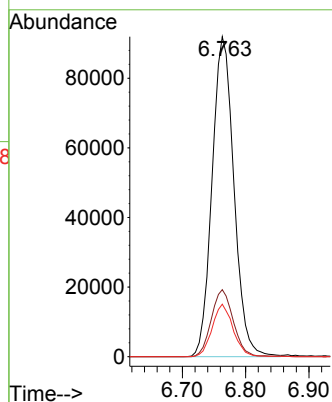
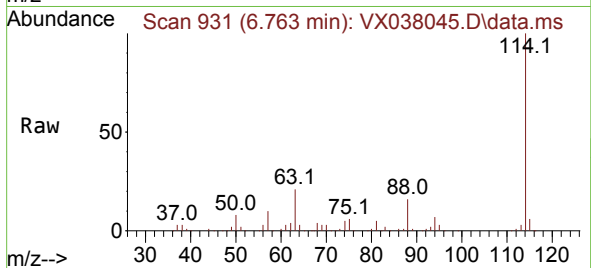




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

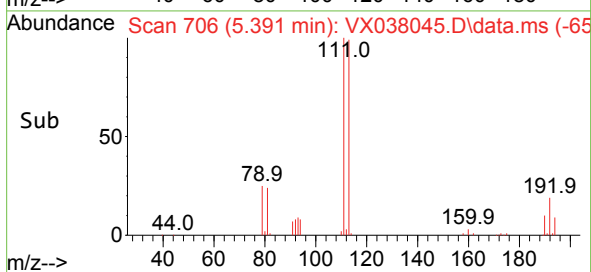
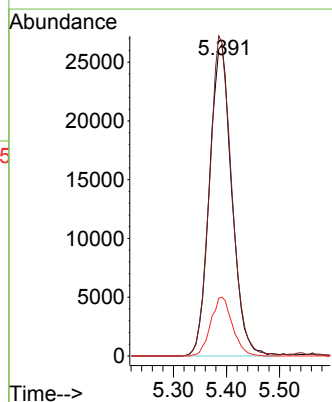
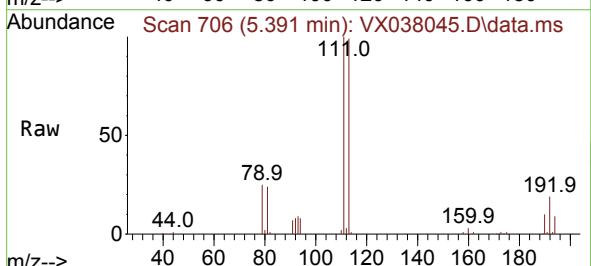
Instrument :
MSVOA_X
ClientSampleId :

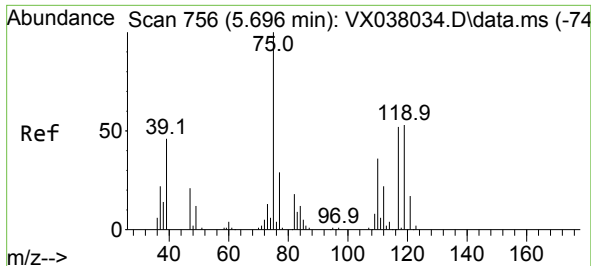
Tgt Ion:114 Resp: 220545
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.291 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

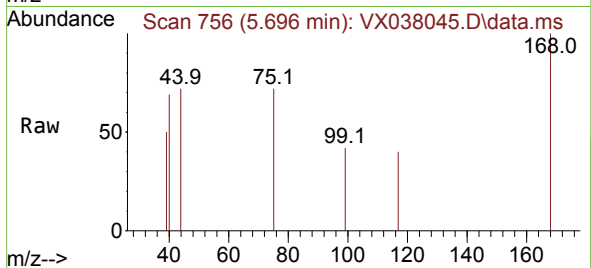
Tgt Ion:113 Resp: 77605
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.2 13.3 19.9



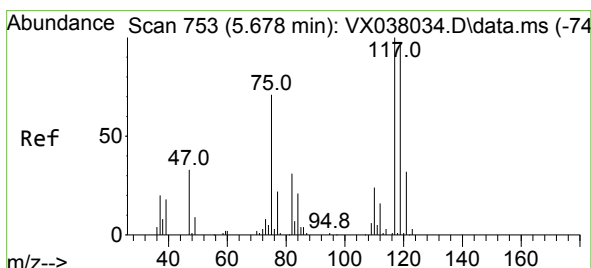
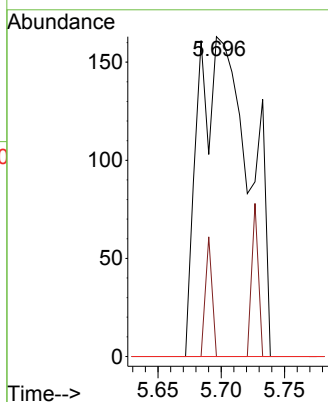
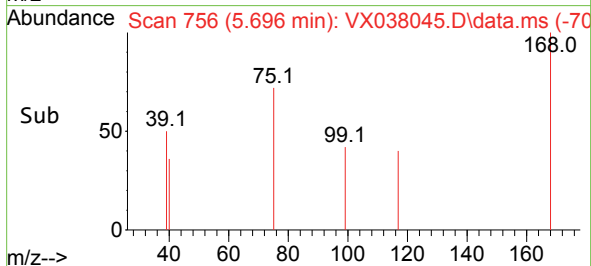


#36
1,1-Dichloropropene
Concen: 0.205 ug/l
RT: 5.696 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

Instrument :
MSVOA_X
ClientSampleId :

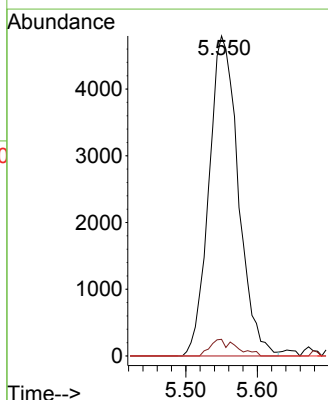
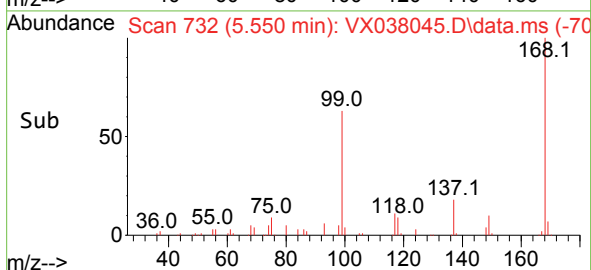
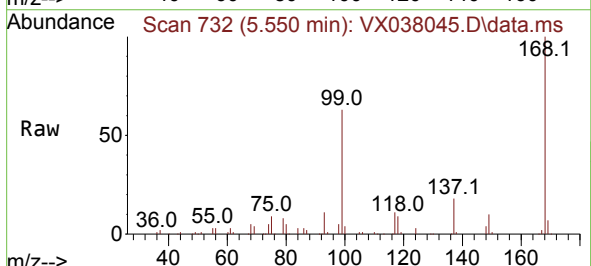


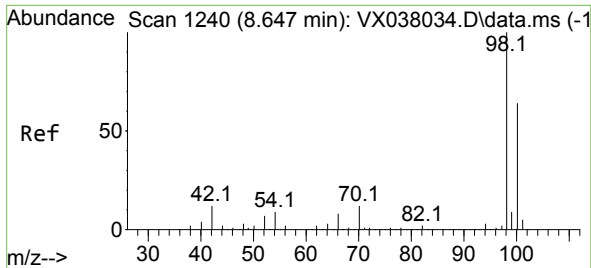
Tgt Ion: 75 Resp: 456
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.310 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

Tgt Ion: 117 Resp: 13692
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#

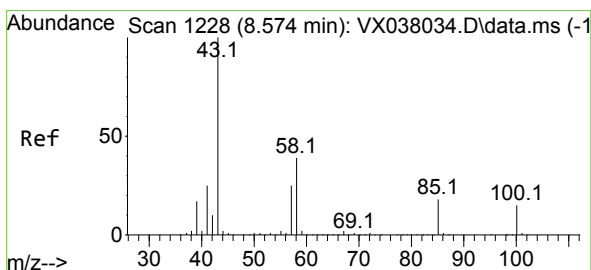
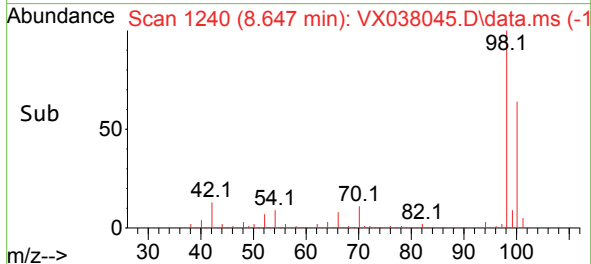
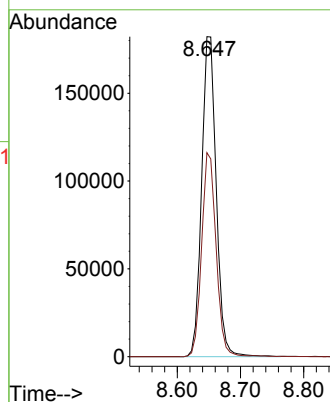
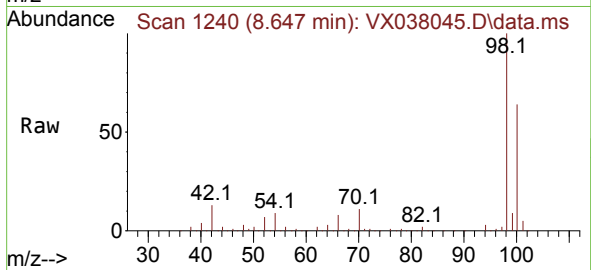




#50
Toluene-d8
Concen: 50.490 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

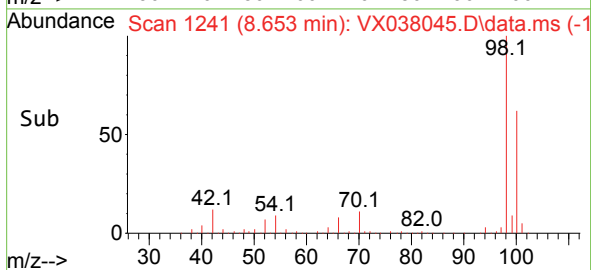
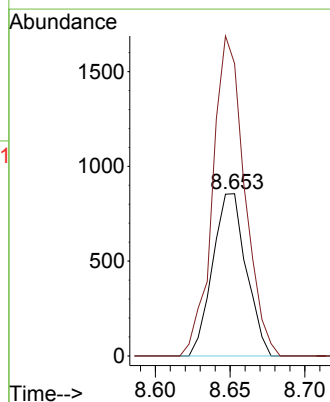
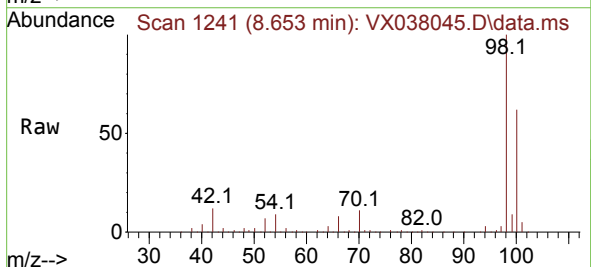
Instrument :
MSVOA_X
ClientSampleId :

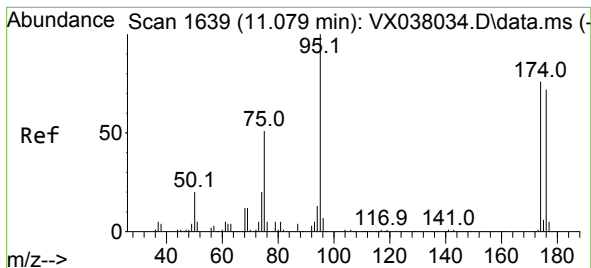
Tgt Ion: 98 Resp: 292358
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

Tgt Ion: 43 Resp: 1336
Ion Ratio Lower Upper
43 100
58 187.9 30.4 45.6#

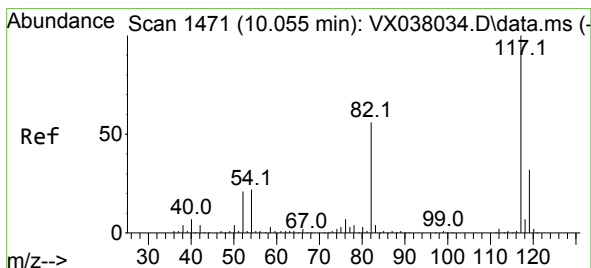
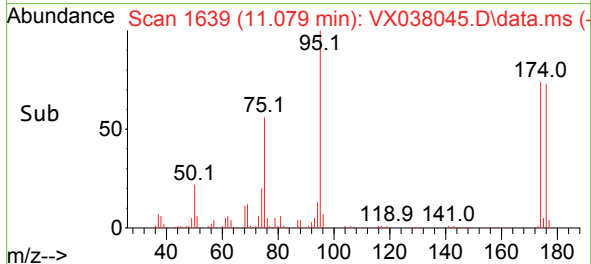
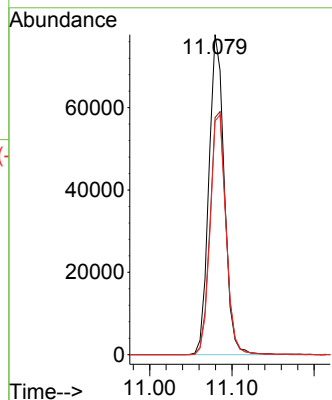
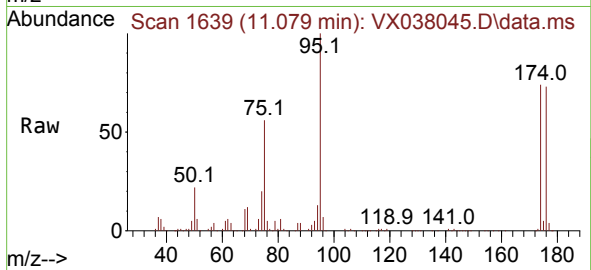




#62
4-Bromofluorobenzene
Concen: 47.930 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

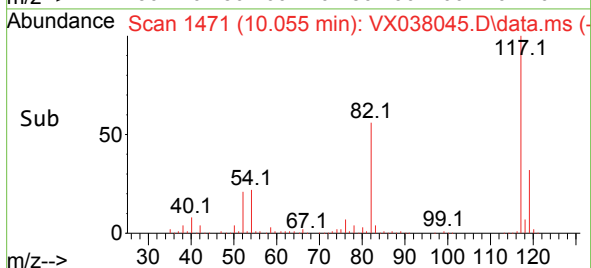
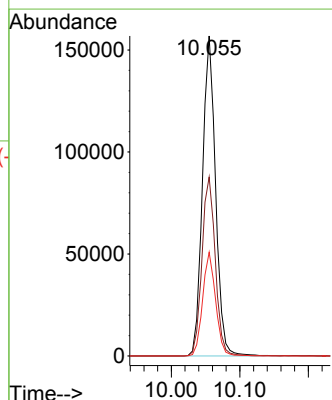
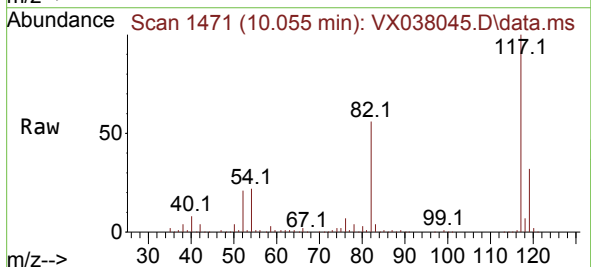
Instrument :
MSVOA_X
ClientSampleId :

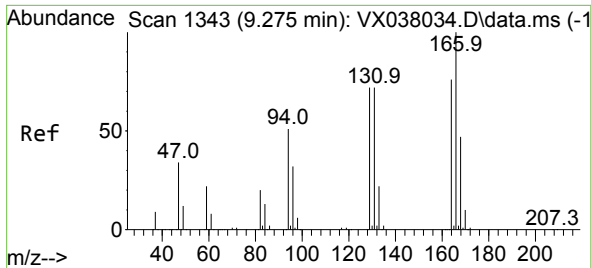
Tgt Ion: 95 Resp: 101005
Ion Ratio Lower Upper
95 100
174 79.1 0.0 135.6
176 76.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

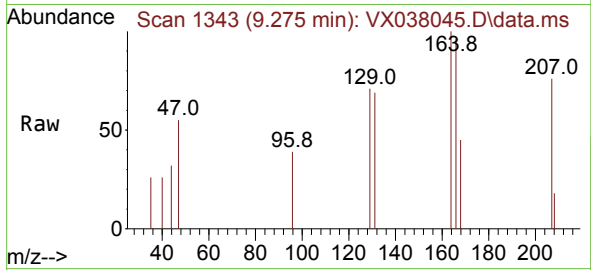
Tgt Ion: 117 Resp: 209175
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.4 25.5 38.3



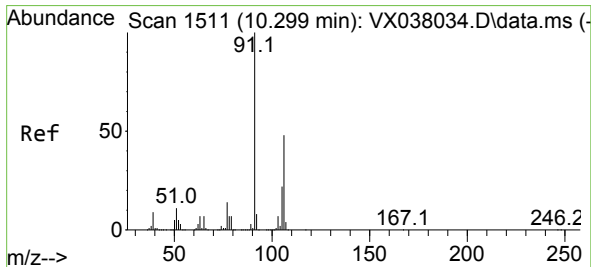
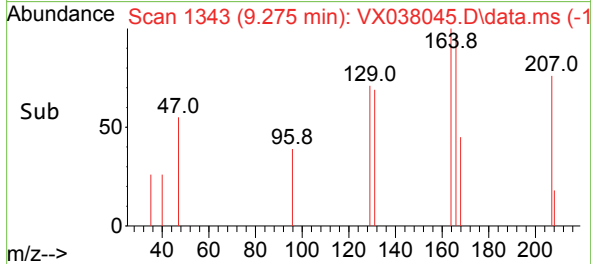
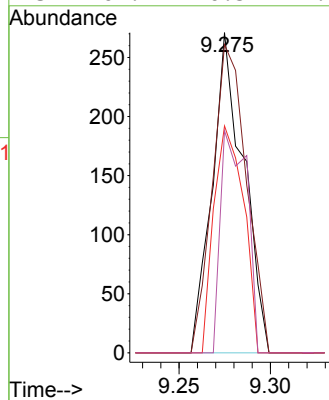


#64
Tetrachloroethene
Concen: 0.232 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

Instrument :
MSVOA_X
ClientSampleId :

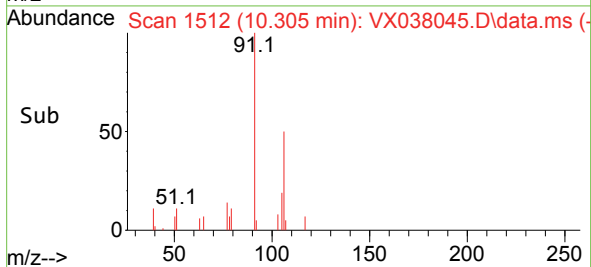
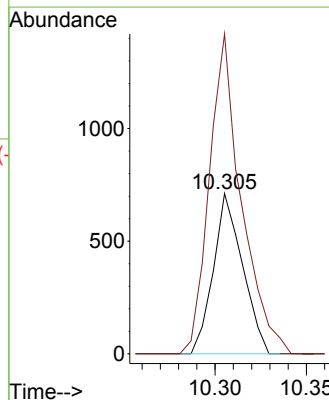
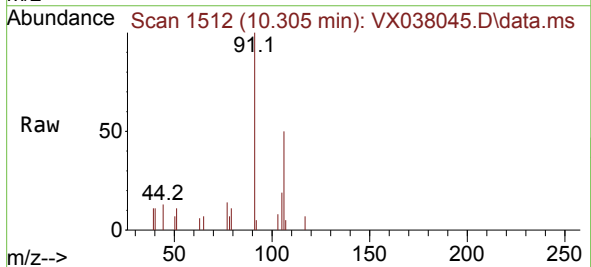


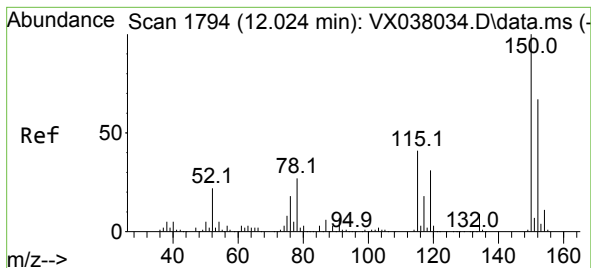
Tgt Ion:164 Resp: 323
Ion Ratio Lower Upper
164 100
166 96.3 102.7 154.1#
129 70.8 80.4 120.6#
131 69.4 76.5 114.7#



#68
m/p-Xylenes
Concen: 0.261 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

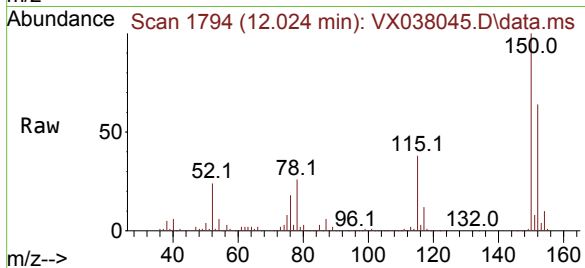
Tgt Ion:106 Resp: 791
Ion Ratio Lower Upper
106 100
91 218.6 165.5 248.3



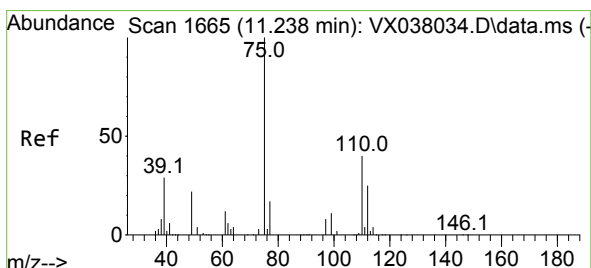
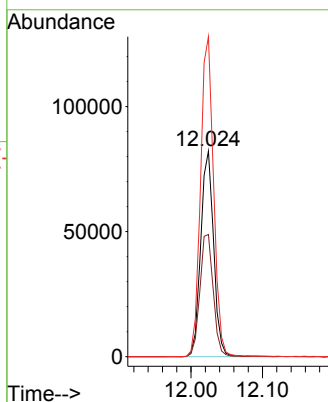
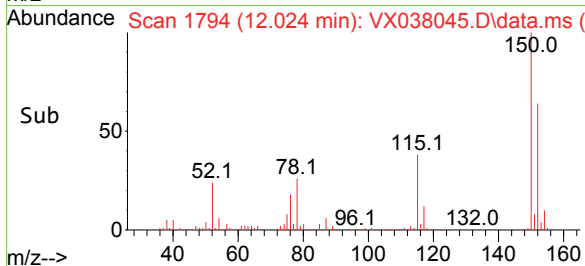


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX038045.D
 Acq: 03 Oct 2023 18:29

Instrument :
 MSVOA_X
 ClientSampleId :

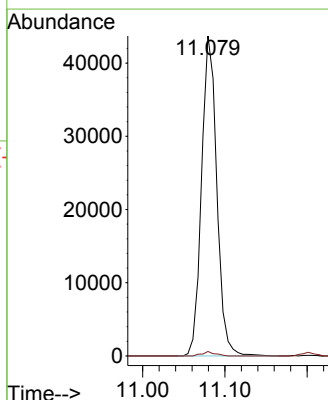
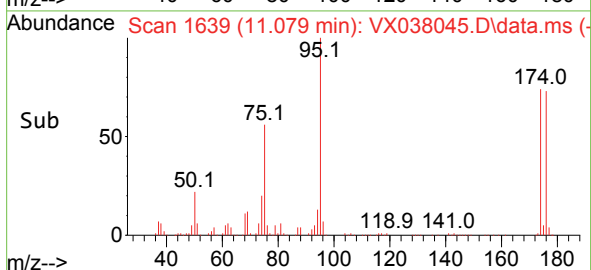
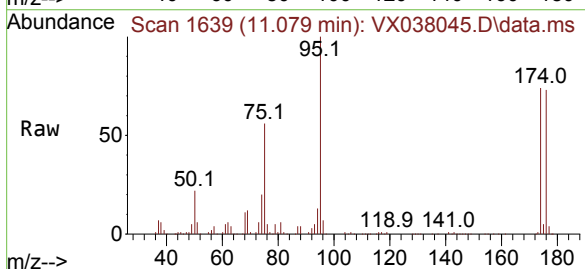


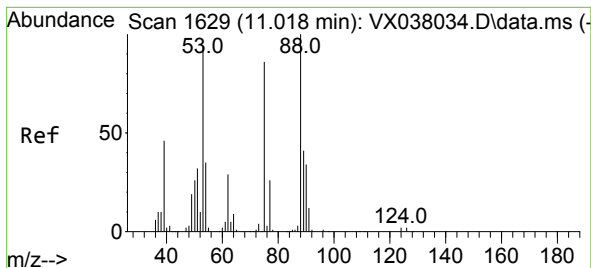
Tgt Ion:152 Resp: 103329
 Ion Ratio Lower Upper
 152 100
 115 61.4 43.3 129.9
 150 157.2 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 23.536 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038045.D
 Acq: 03 Oct 2023 18:29

Tgt Ion: 75 Resp: 56337
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

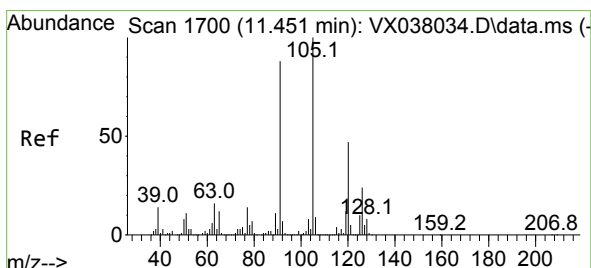
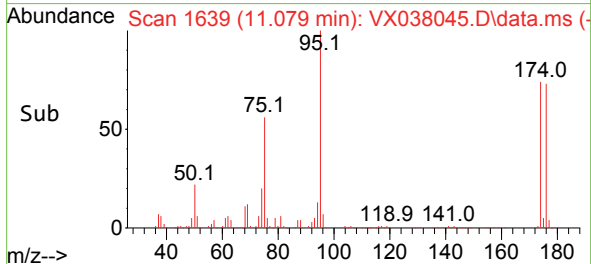
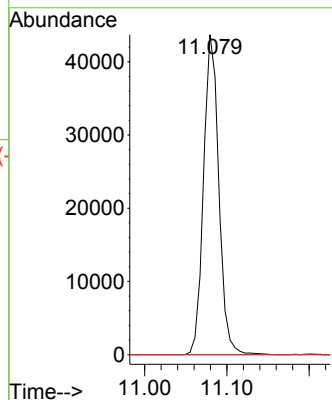
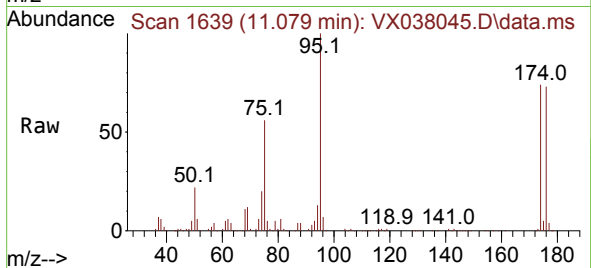




#81
trans-1,4-Dichloro-2-butene
Concen: 79.488 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

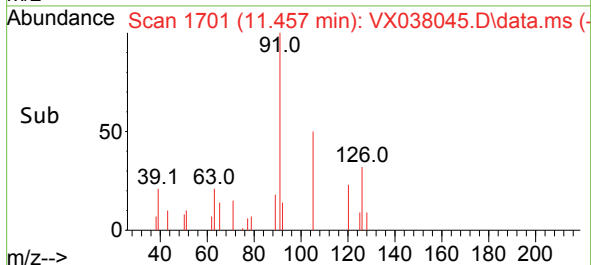
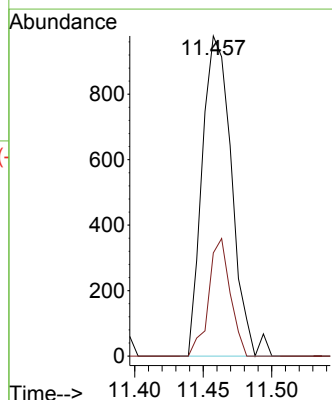
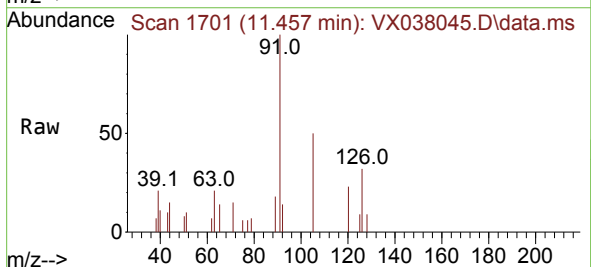
Instrument :
MSVOA_X
ClientSampleId :

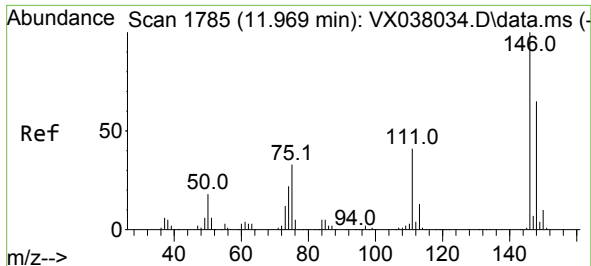
Tgt Ion: 75 Resp: 56337
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.242 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX038045.D
Acq: 03 Oct 2023 18:29

Tgt Ion: 91 Resp: 1460
Ion Ratio Lower Upper
91 100
126 26.8 14.2 42.6





#87

1,3-Dichlorobenzene

Concen: 0.282 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

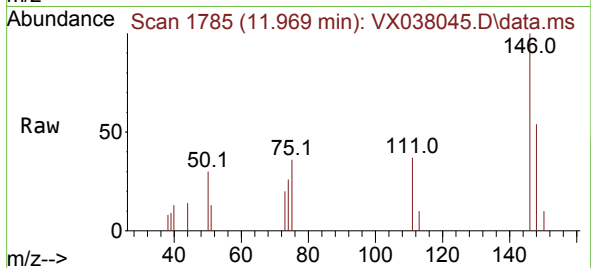
Lab File: VX038045.D

Acq: 03 Oct 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :



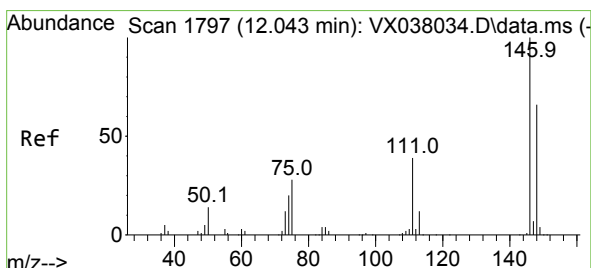
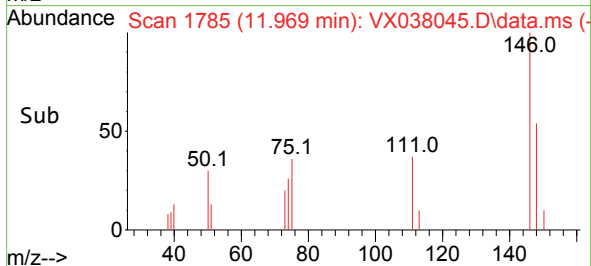
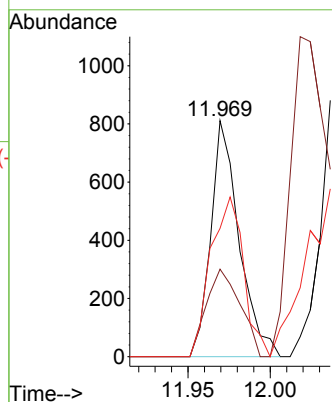
Tgt Ion:146 Resp: 972

Ion Ratio Lower Upper

146 100

111 44.2 22.1 66.1

148 78.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.270 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX038045.D

Acq: 03 Oct 2023 18:29

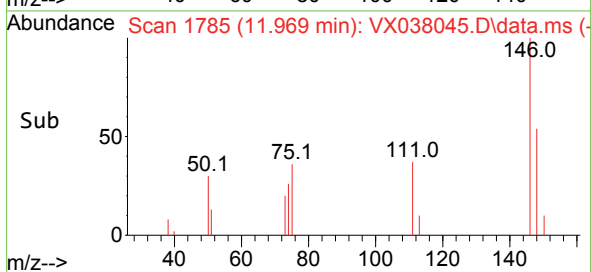
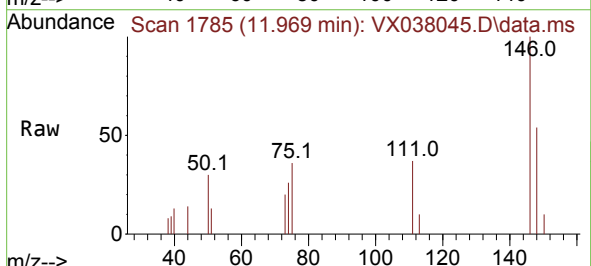
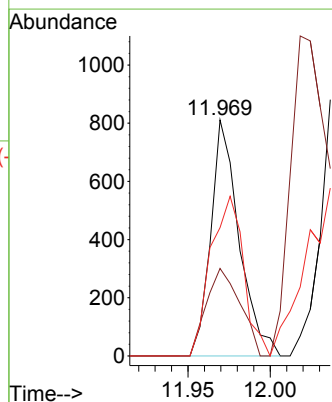
Tgt Ion:146 Resp: 972

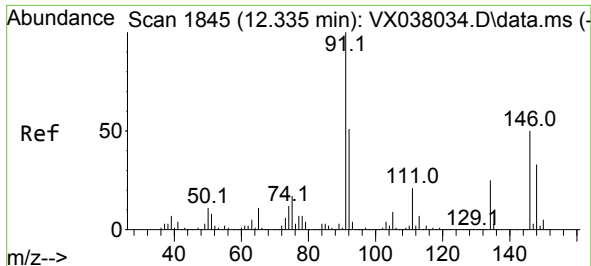
Ion Ratio Lower Upper

146 100

111 44.2 21.3 63.7

148 78.5 31.8 95.4





#89

n-Butylbenzene

Concen: 0.262 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038045.D

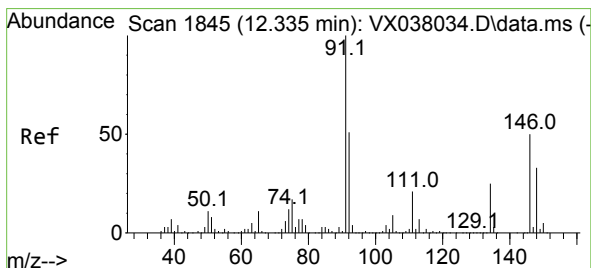
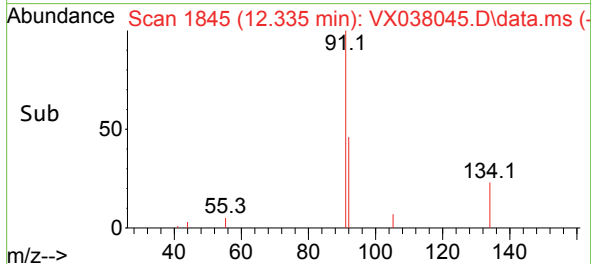
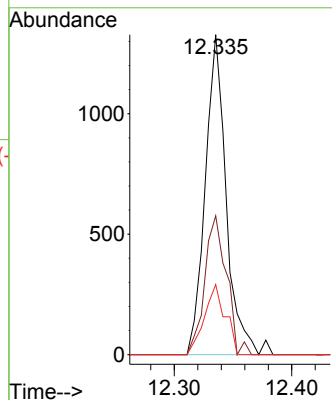
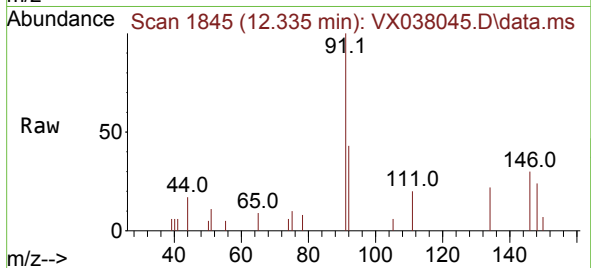
Acq: 03 Oct 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 91	Resp:	1650
Ion	Ratio	Lower Upper
91	100	
92	44.8	27.4 82.0
134	21.8	12.6 37.8



#91

1,2-Dichlorobenzene

Concen: 0.222 ug/l

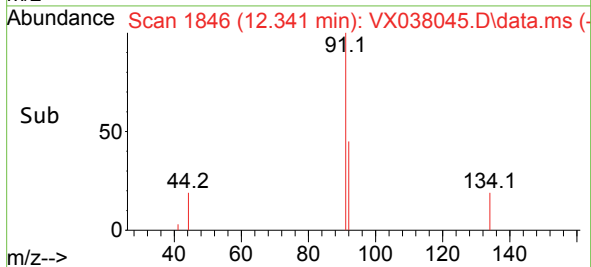
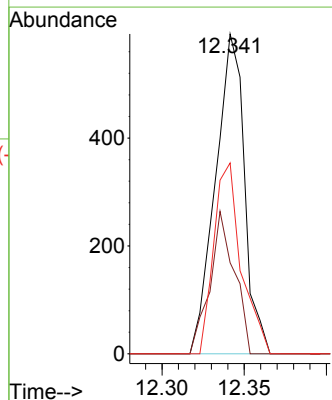
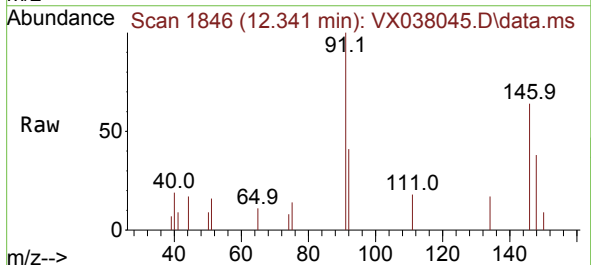
RT: 12.341 min Scan# 1846

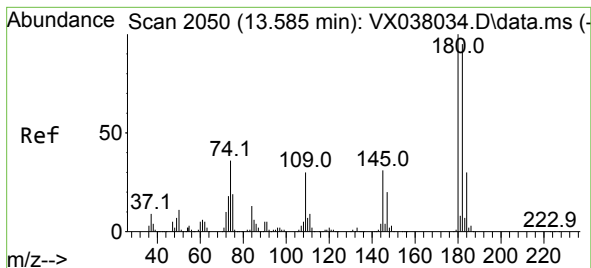
Delta R.T. 0.006 min

Lab File: VX038045.D

Acq: 03 Oct 2023 18:29

Tgt Ion: 146	Resp:	728
Ion	Ratio	Lower Upper
146	100	
111	37.5	22.4 67.0
148	56.3	31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.471 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX038045.D

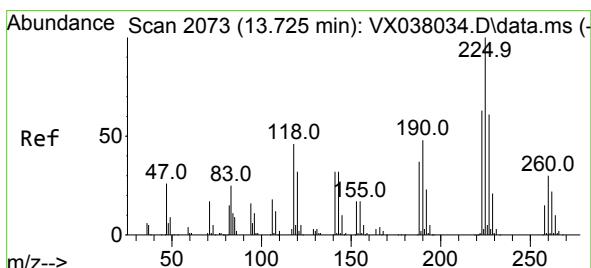
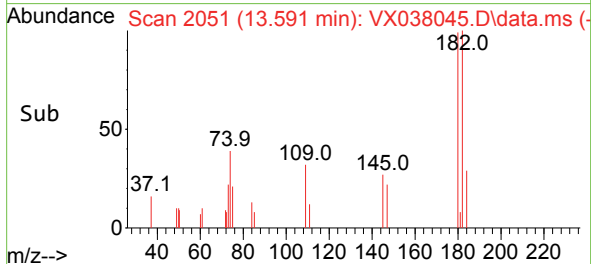
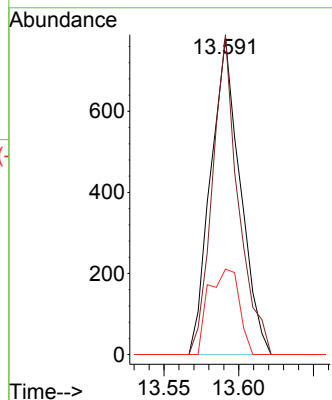
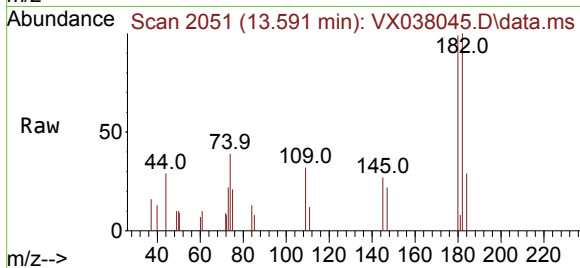
Acq: 03 Oct 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	1072
Ion Ratio	Lower	Upper
180	100	
182	88.3	48.3 144.8
145	27.8	18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.392 ug/l

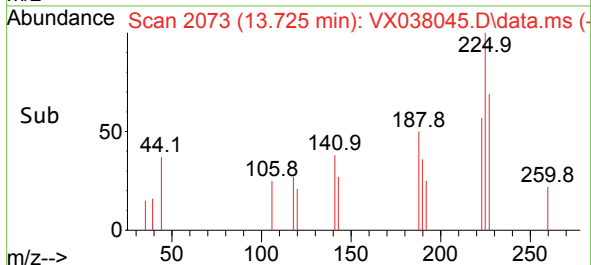
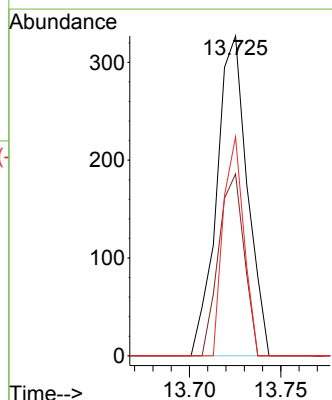
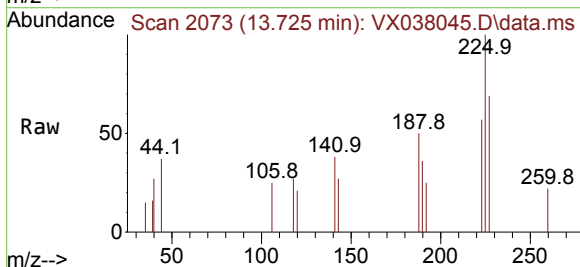
RT: 13.725 min Scan# 2073

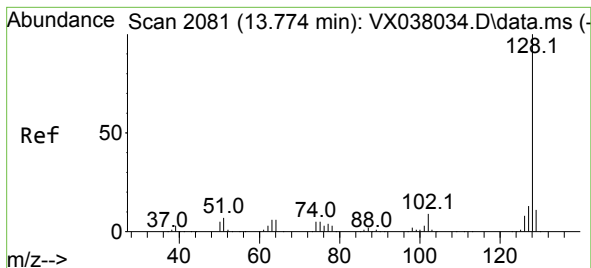
Delta R.T. 0.000 min

Lab File: VX038045.D

Acq: 03 Oct 2023 18:29

Tgt Ion:225	Resp:	381
Ion Ratio	Lower	Upper
225	100	
223	47.2	31.1 93.2
227	45.9	32.5 97.5





#95

Naphthalene

Concen: 0.213 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX038045.D

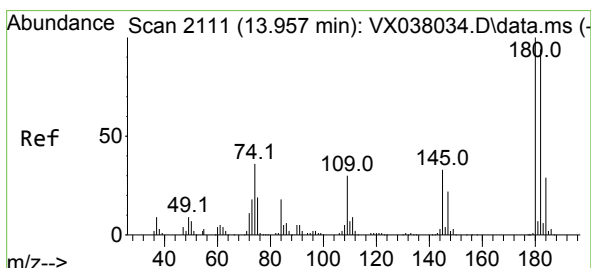
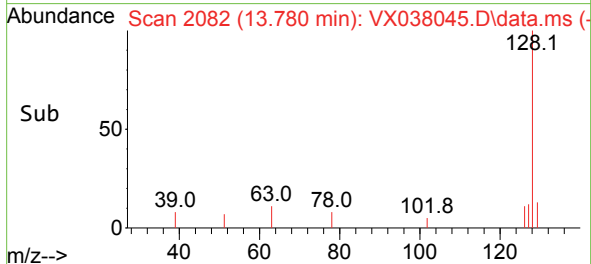
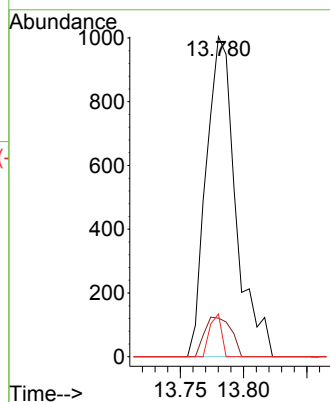
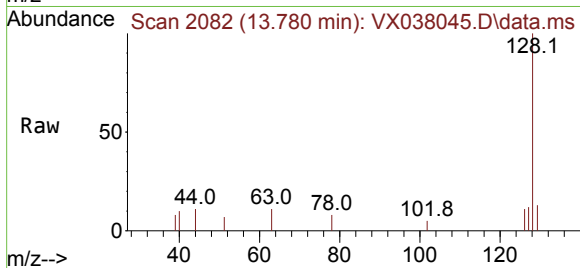
Acq: 03 Oct 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128	Resp:	1632
Ion	Ratio	Lower Upper
128	100	
127	11.0	10.3 15.5
129	5.3	8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.334 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX038045.D

Acq: 03 Oct 2023 18:29

Tgt Ion:180	Resp:	735
Ion	Ratio	Lower Upper
180	100	
182	95.1	46.9 140.6
145	26.4	17.8 53.5

