

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038482.D
 Acq On : 25 Oct 2023 16:06
 Operator : JC/MD
 Sample : 05007-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 04:06:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	164935	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	288960	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	297136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159735	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	107839	40.650	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.300%
35) Dibromofluoromethane	5.385	113	94864	45.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.120%
50) Toluene-d8	8.647	98	352975	44.364	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.720%#
62) 4-Bromofluorobenzene	11.079	95	137860	45.704	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.400%

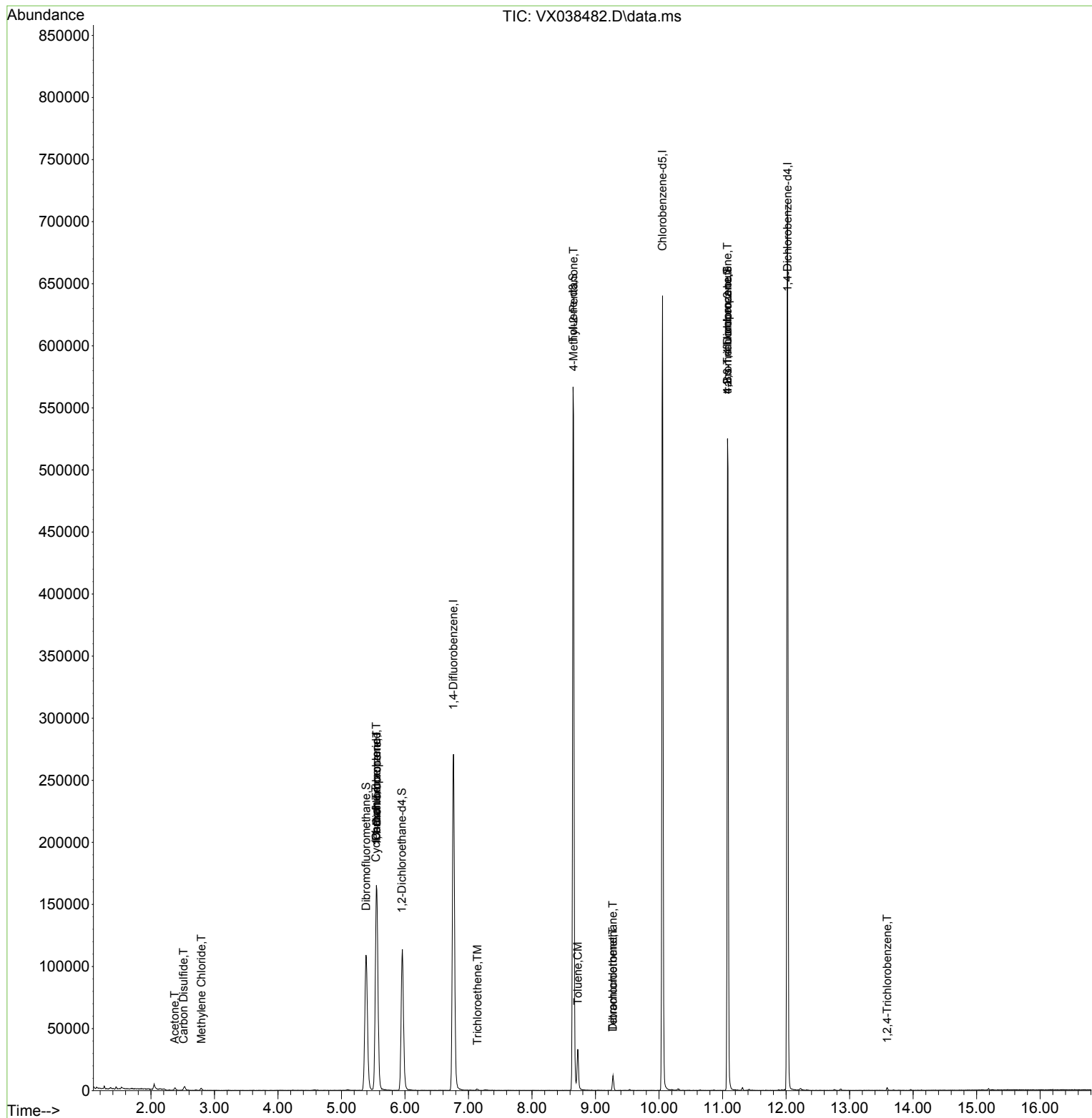
Target Compounds					Qvalue
5) Bromomethane	1.611	94	64	Below Cal	98
6) Chloroethane	1.685	64	161	Below Cal	# 43
11) Tert butyl alcohol	2.953	59	40	Below Cal	# 78
16) Acetone	2.374	43	2116	1.911	ug/l 98
17) Carbon Disulfide	2.514	76	1087	0.250	ug/l 97
20) Methylene Chloride	2.794	84	856	0.411	ug/l # 89
31) Cyclohexane	5.544	56	3382	1.177	ug/l # 25
36) 1,1-Dichloropropene	5.556	75	12257	4.269	ug/l # 51
38) Carbon Tetrachloride	5.550	117	16256	5.755	ug/l # 16
44) Trichloroethene	7.141	130	442	0.210	ug/l 74
51) 4-Methyl-2-Pentanone	8.653	43	1317	0.375	ug/l # 1
52) Toluene	8.720	92	12612	2.411	ug/l 92
60) Dibromochloromethane	9.275	129	1834	0.837	ug/l # 11
64) Tetrachloroethene	9.275	164	2005	1.042	ug/l 87
76) 1,2,3-Trichloropropane	11.079	75	71052	19.566	ug/l # 39
81) trans-1,4-Dichloro-2-b...	11.079	75	71052	56.557	ug/l # 5
93) 1,2,4-Trichlorobenzene	13.591	180	870	0.257	ug/l # 79

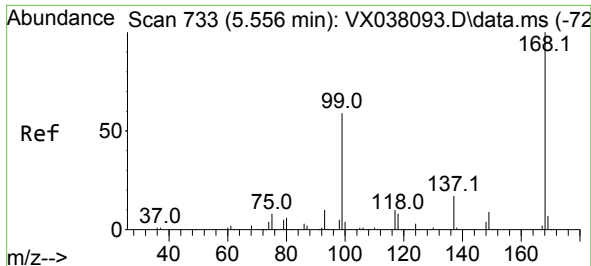
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

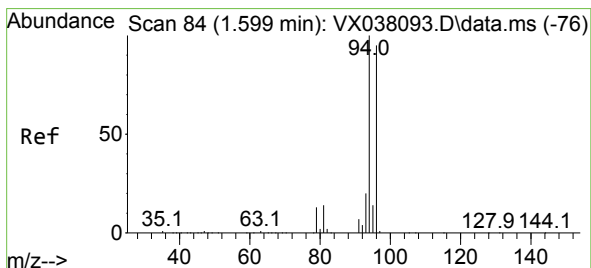
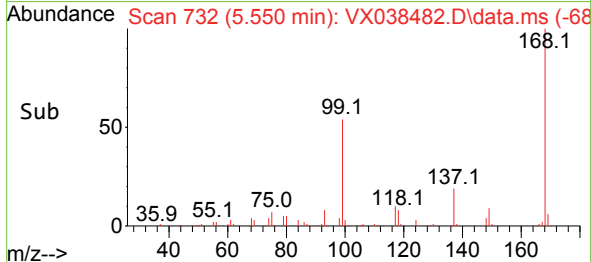
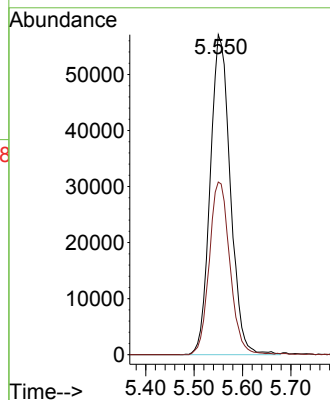
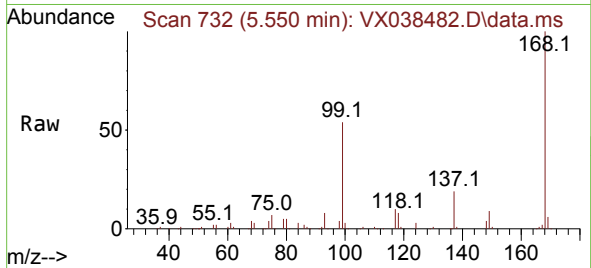




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

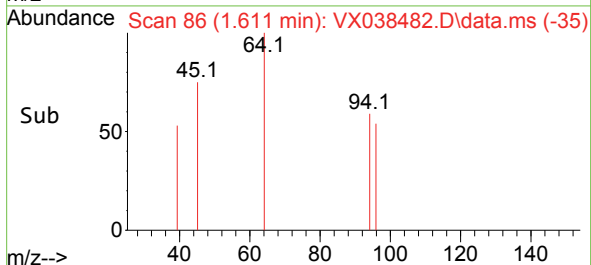
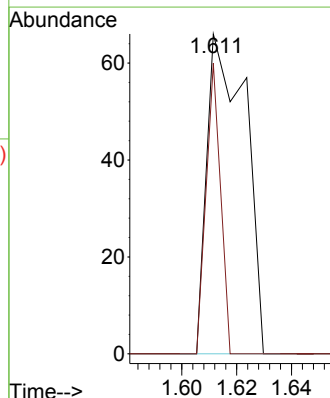
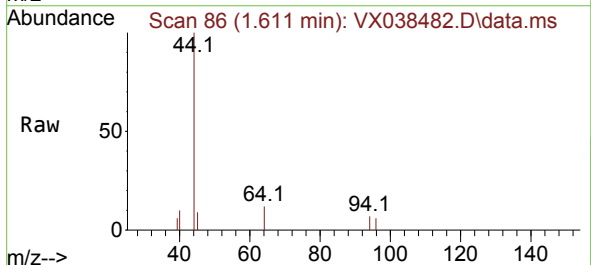
Instrument :
MSVOA_X
ClientSampleId :

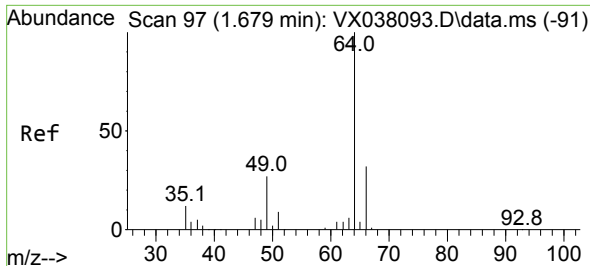
Tgt Ion:168 Resp: 164935
Ion Ratio Lower Upper
168 100
99 53.9 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

Tgt Ion: 94 Resp: 64
Ion Ratio Lower Upper
94 100
96 90.9 74.6 111.8

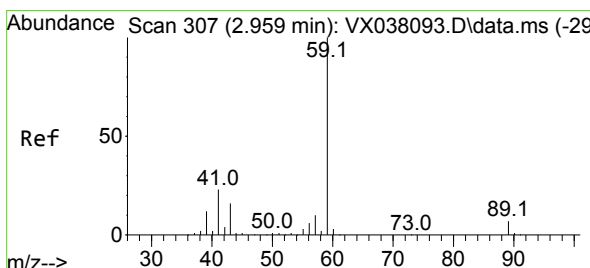
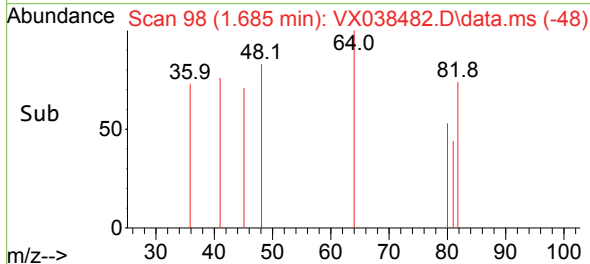
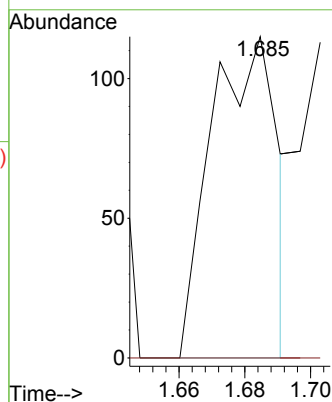
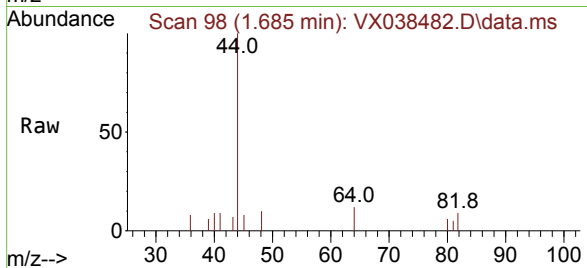




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

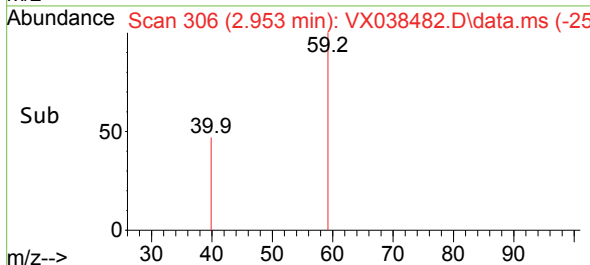
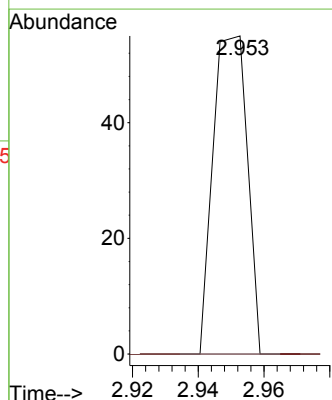
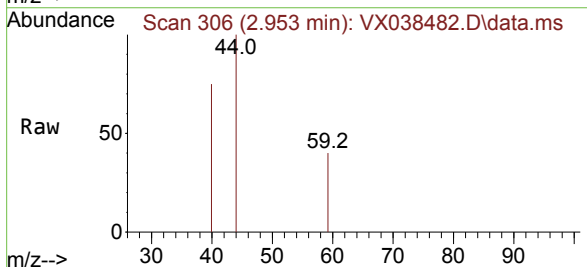
Instrument :
MSVOA_X
ClientSampleId :

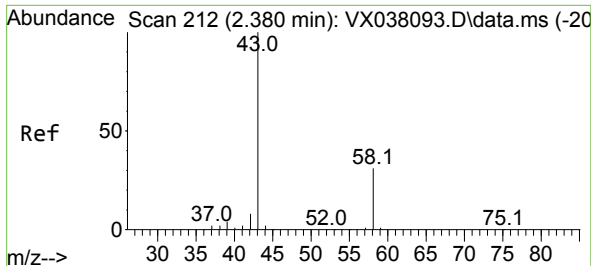
Tgt Ion: 64 Resp: 161
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

Tgt Ion: 59 Resp: 40
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

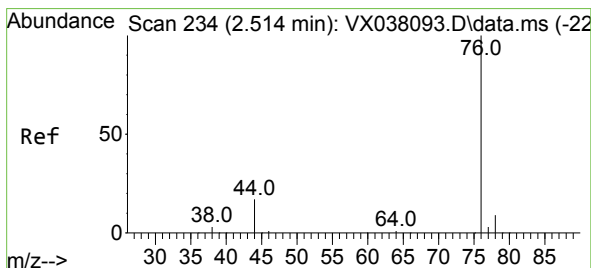
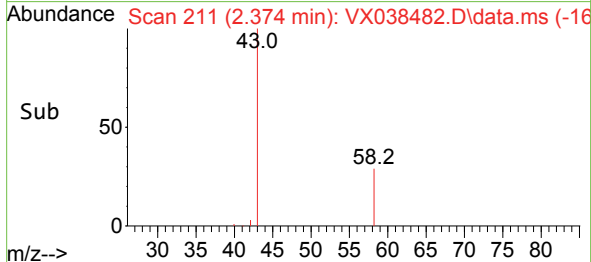
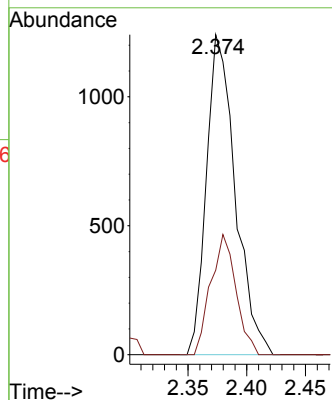
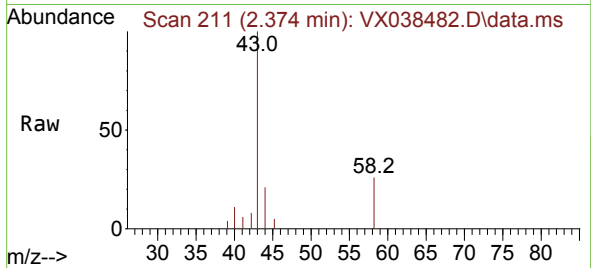




#16
Acetone
Concen: 1.911 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

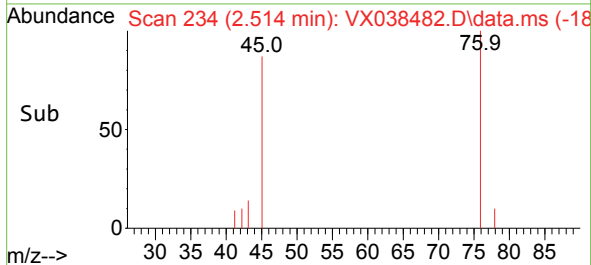
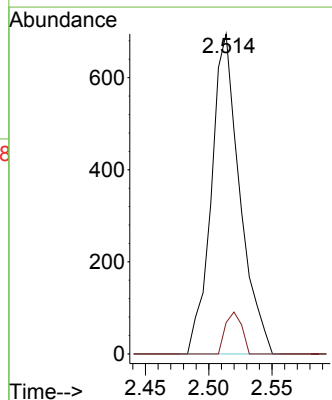
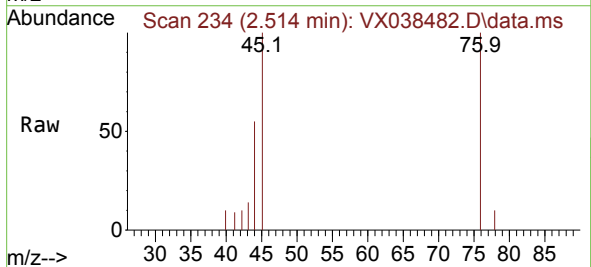
Instrument :
MSVOA_X
ClientSampleId :

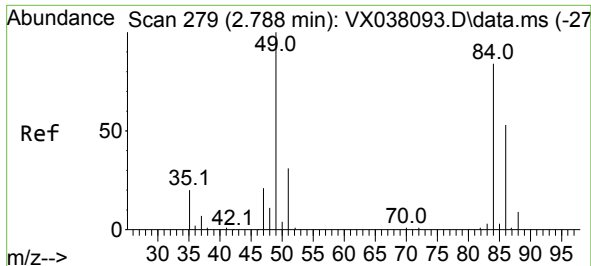
Tgt Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
58 26.4 21.9 32.9



#17
Carbon Disulfide
Concen: 0.250 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

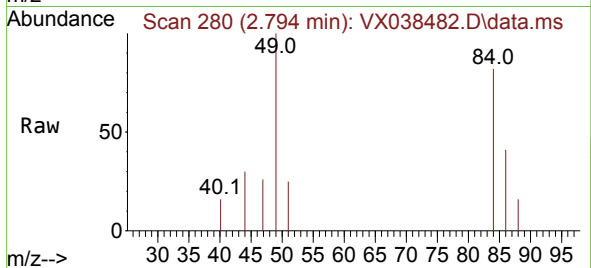
Tgt Ion: 76 Resp: 1087
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6





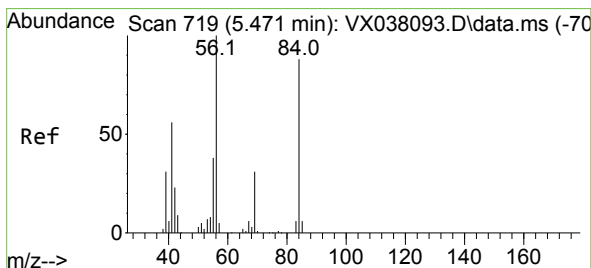
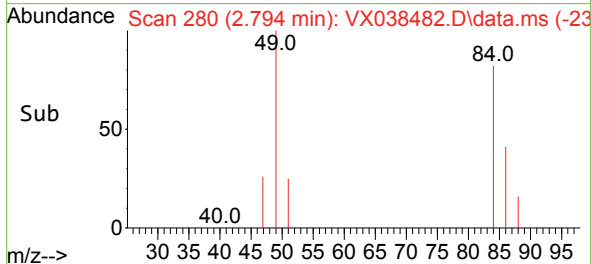
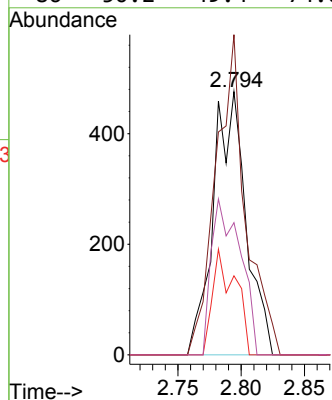
#20
Methylene Chloride
Concen: 0.411 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 856

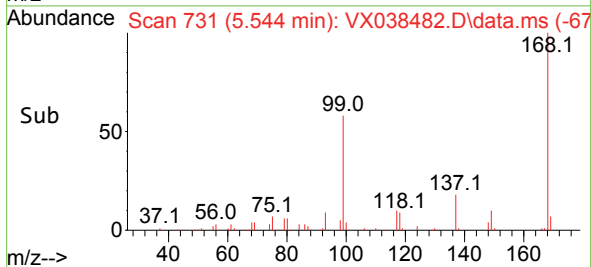
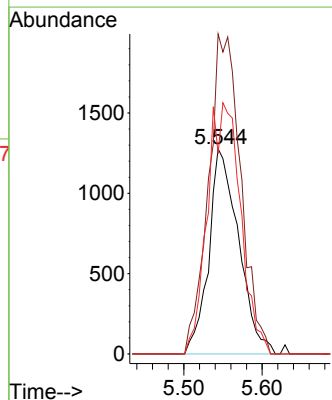
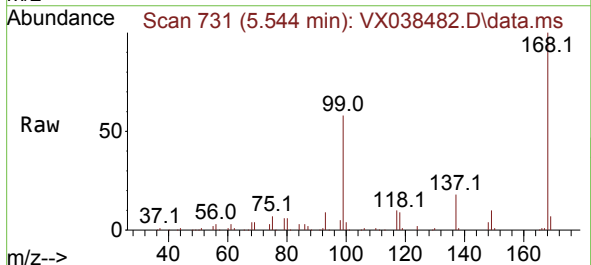
Ion	Ratio	Lower	Upper
84	100		
49	121.6	103.6	155.4
51	30.0	33.8	50.6#
86	50.2	49.4	74.0

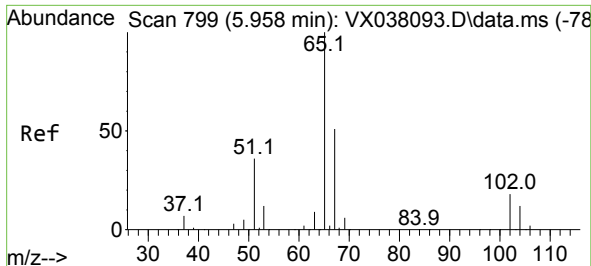


#31
Cyclohexane
Concen: 1.177 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

Tgt Ion: 56 Resp: 3382

Ion	Ratio	Lower	Upper
56	100		
69	156.0	23.4	35.2#
84	97.7	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 40.650 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038482.D

Acq: 25 Oct 2023 16:06

Instrument :

MSVOA_X

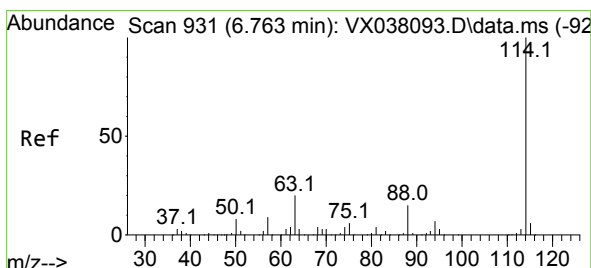
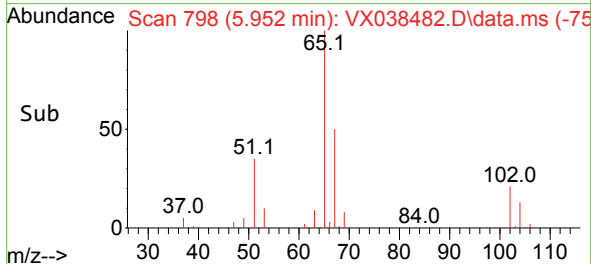
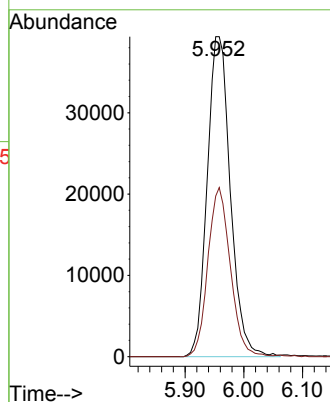
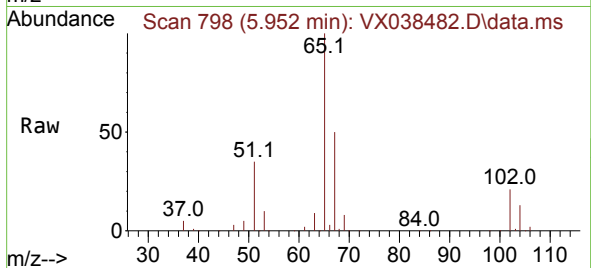
ClientSampleId :

Tgt Ion: 65 Resp: 107839

Ion Ratio Lower Upper

65 100

67 51.2 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: VX038482.D

Acq: 25 Oct 2023 16:06

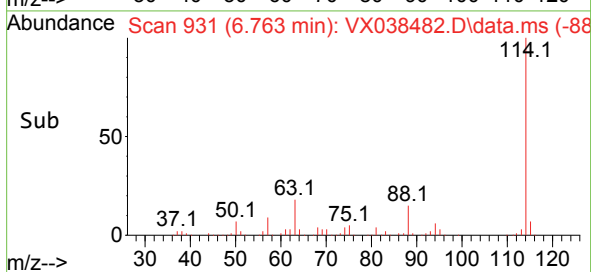
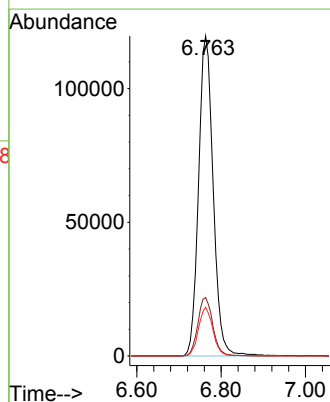
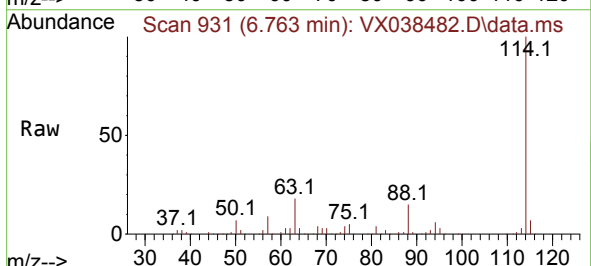
Tgt Ion:114 Resp: 288960

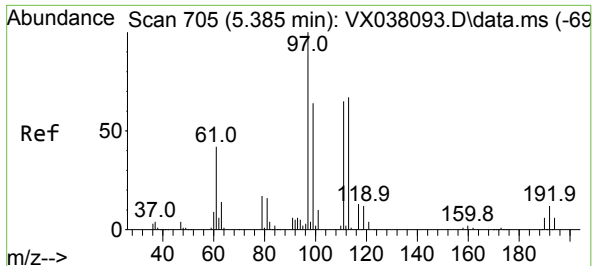
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

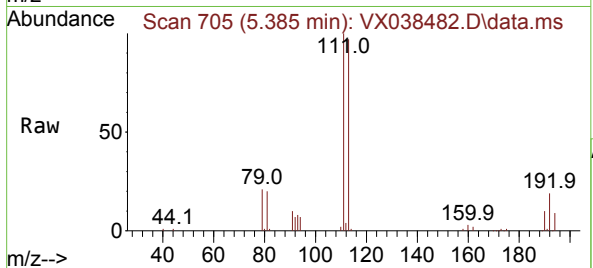
88 15.2 0.0 36.6



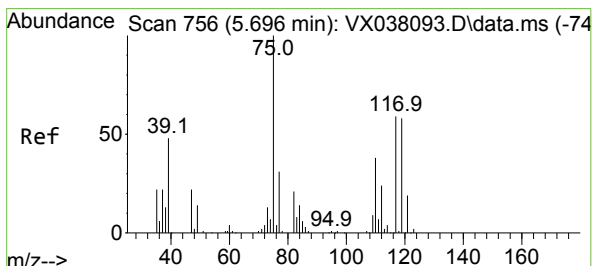
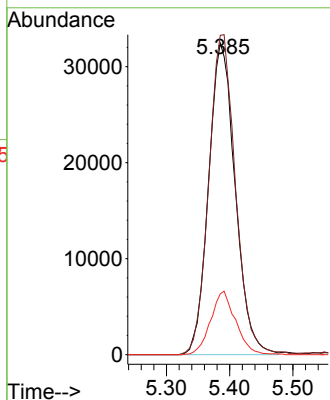
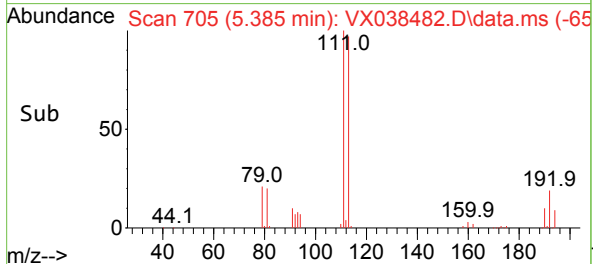


#35
Dibromofluoromethane
Concen: 45.561 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

Instrument :
MSVOA_X
ClientSampleId :

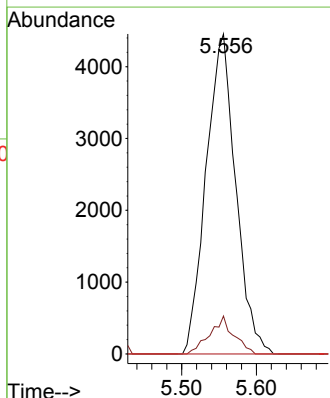
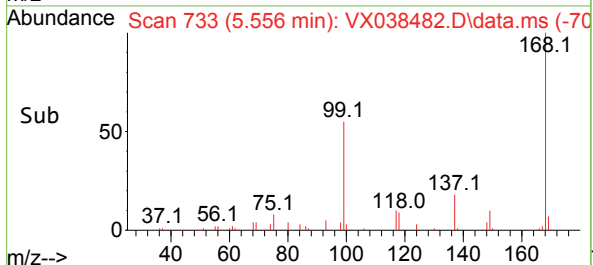
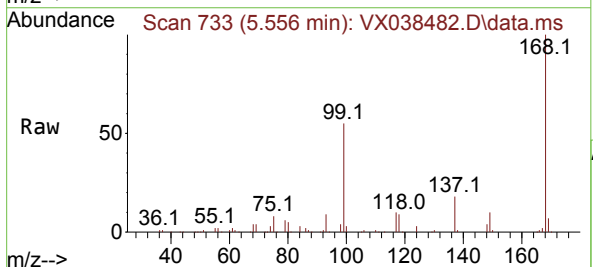


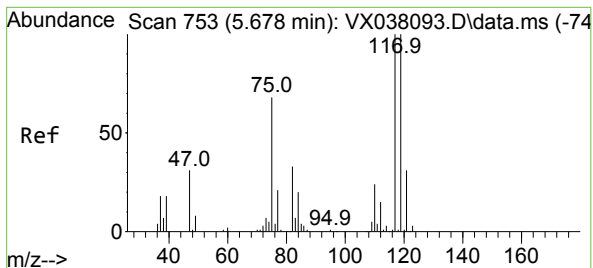
Tgt Ion:113 Resp: 94864
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 19.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.269 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

Tgt Ion: 75 Resp: 12257
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.755 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

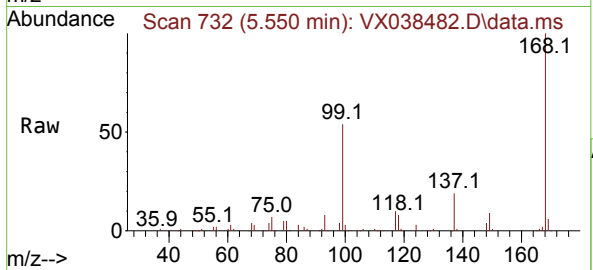
Lab File: VX038482.D

Acq: 25 Oct 2023 16:06

Instrument :

MSVOA_X

ClientSampleId :



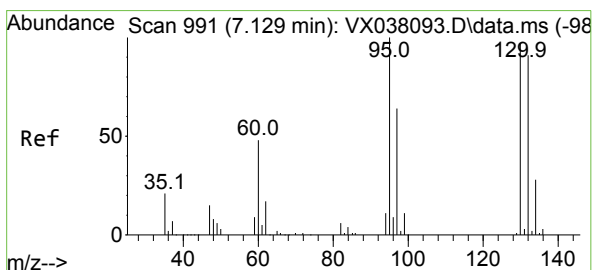
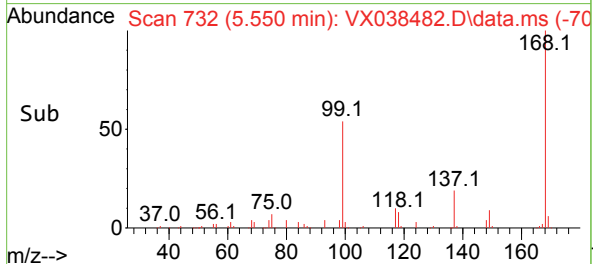
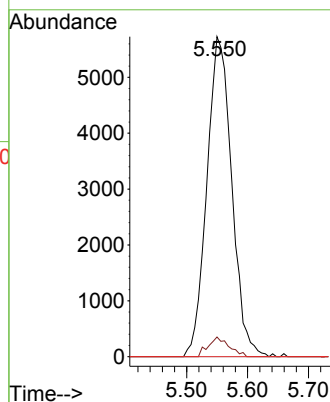
Tgt Ion:117 Resp: 16256

Ion Ratio Lower Upper

117 100

119 6.1 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 0.210 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.012 min

Lab File: VX038482.D

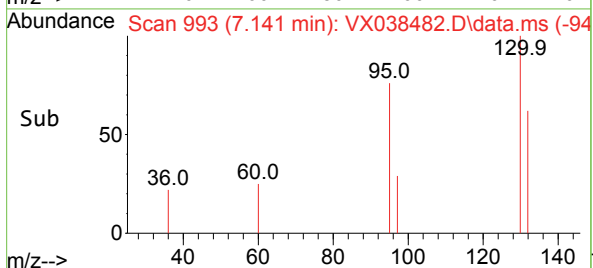
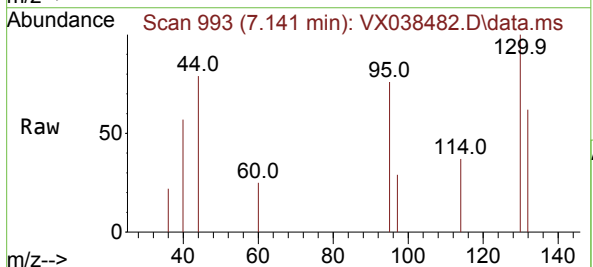
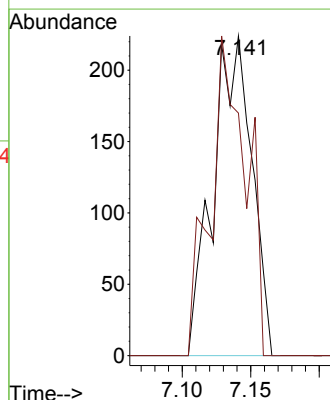
Acq: 25 Oct 2023 16:06

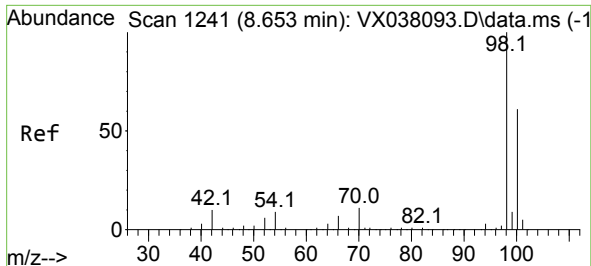
Tgt Ion:130 Resp: 442

Ion Ratio Lower Upper

130 100

95 75.9 0.0 204.4

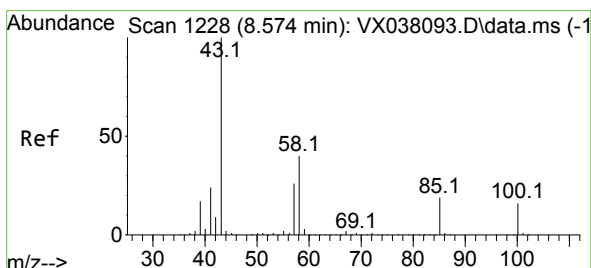
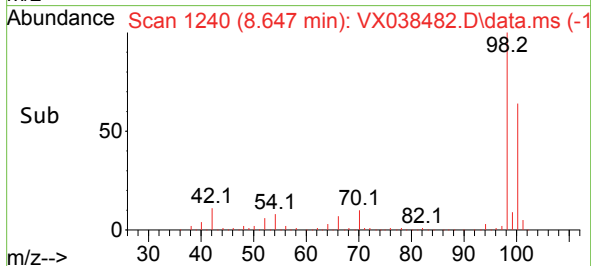
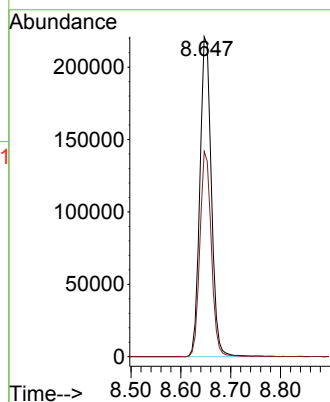
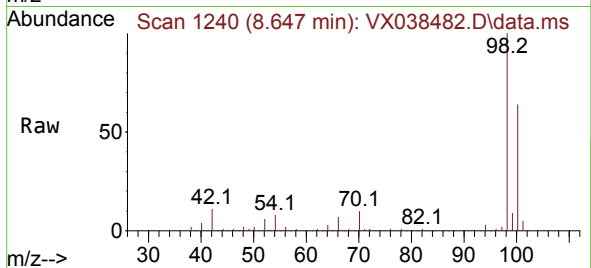




#50
Toluene-d8
Concen: 44.364 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

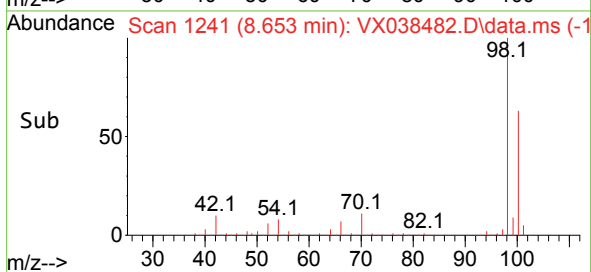
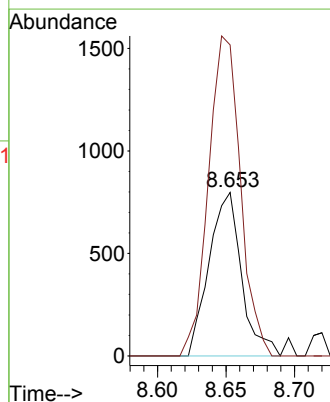
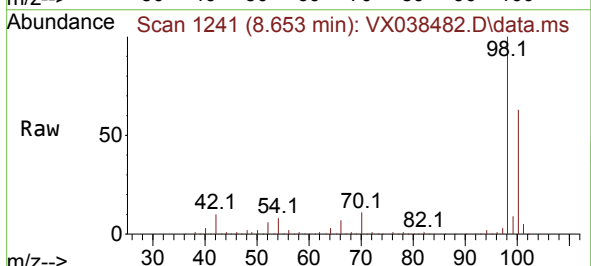
Instrument :
MSVOA_X
ClientSampleId :

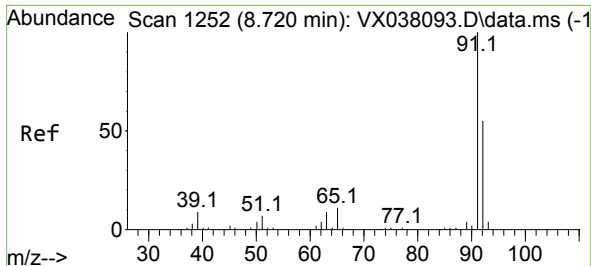
Tgt Ion: 98 Resp: 352975
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.375 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
58 192.4 30.4 45.6#

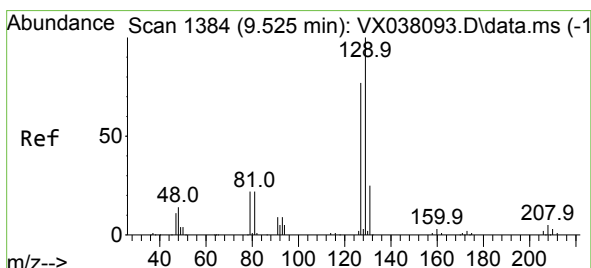
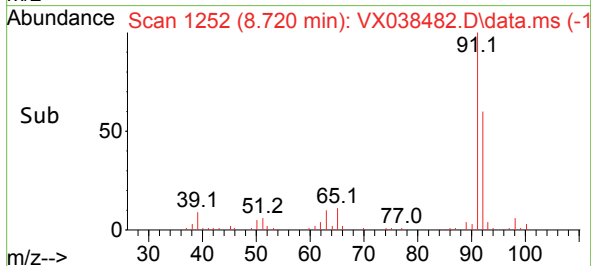
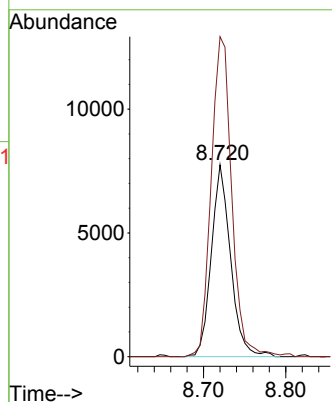
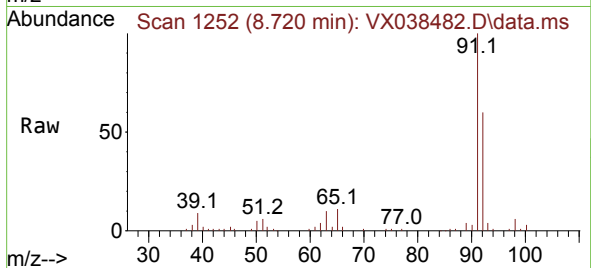




#52
Toluene
Concen: 2.411 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

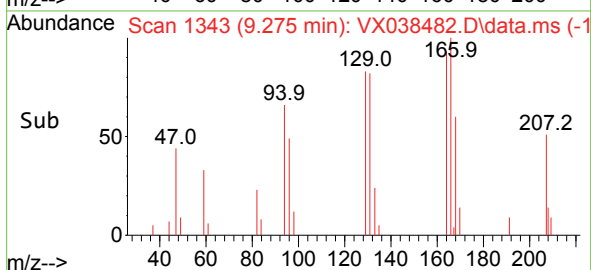
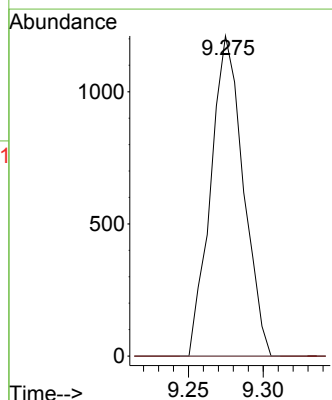
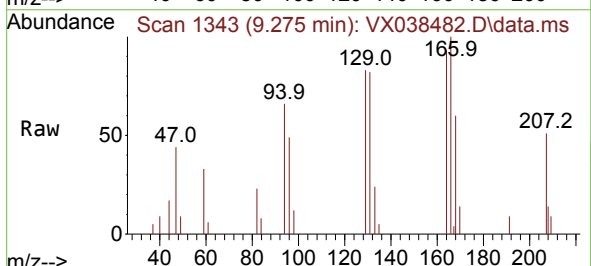
Instrument :
MSVOA_X
ClientSampleId :

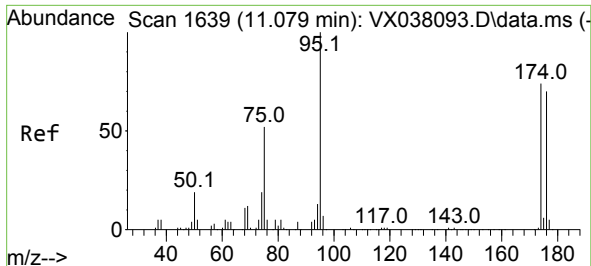
Tgt Ion: 92 Resp: 12612
Ion Ratio Lower Upper
92 100
91 178.1 134.2 201.2



#60
Dibromochloromethane
Concen: 0.837 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

Tgt Ion: 129 Resp: 1834
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

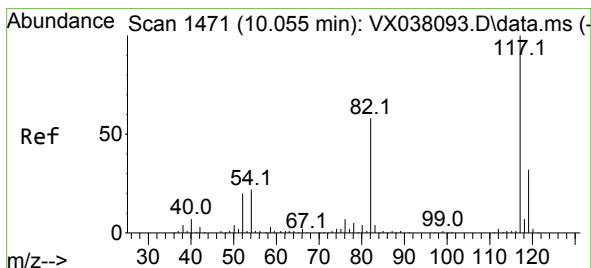
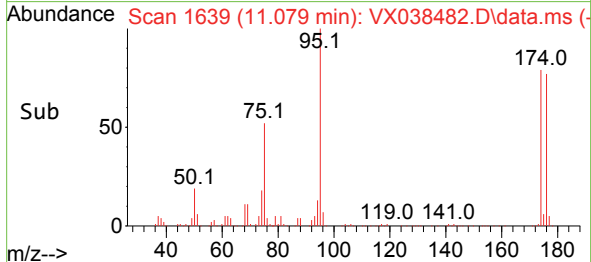
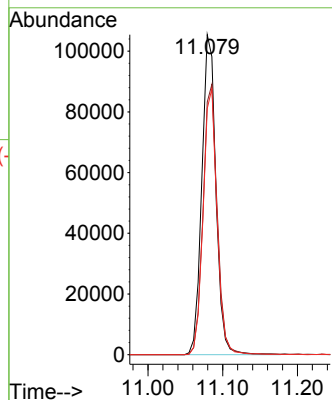
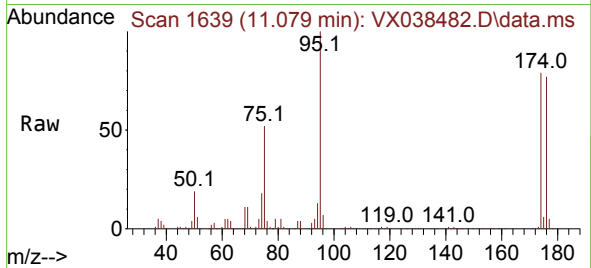




#62
4-Bromofluorobenzene
Concen: 45.704 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

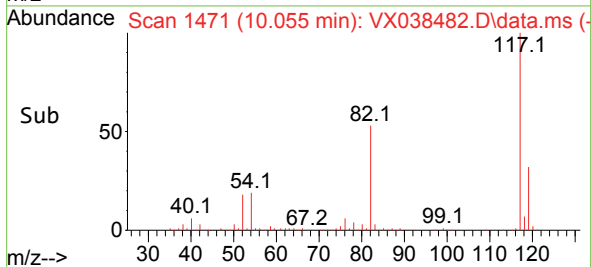
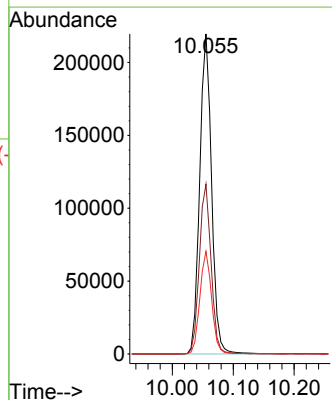
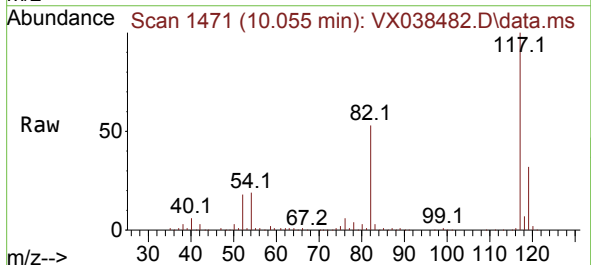
Instrument :
MSVOA_X
ClientSampleId :

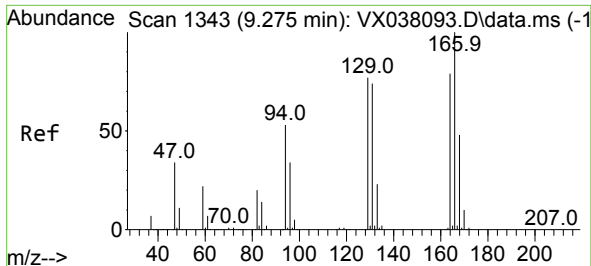
Tgt Ion: 95 Resp: 137860
Ion Ratio Lower Upper
95 100
174 85.1 0.0 135.6
176 82.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

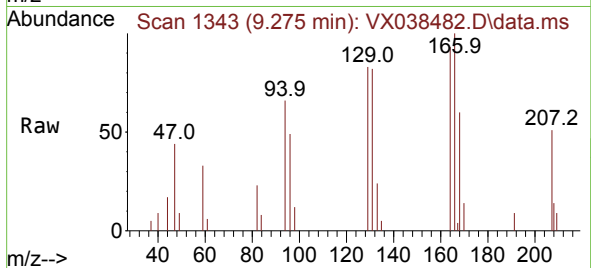
Tgt Ion: 117 Resp: 297136
Ion Ratio Lower Upper
117 100
82 53.0 46.2 69.4
119 32.0 25.5 38.3



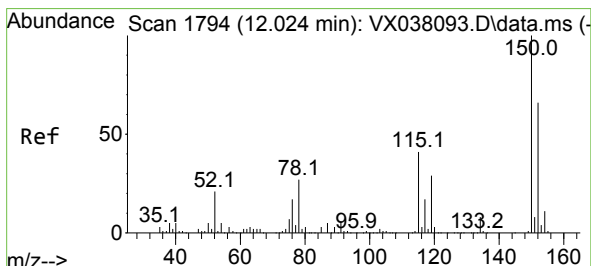
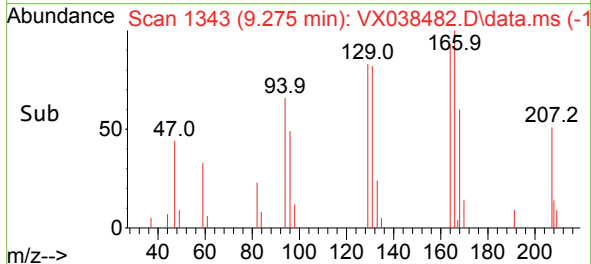
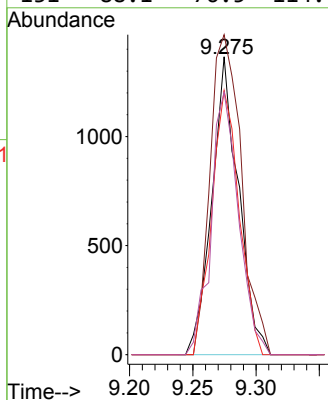


#64
Tetrachloroethene
Concen: 1.042 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

Instrument :
MSVOA_X
ClientSampleId :

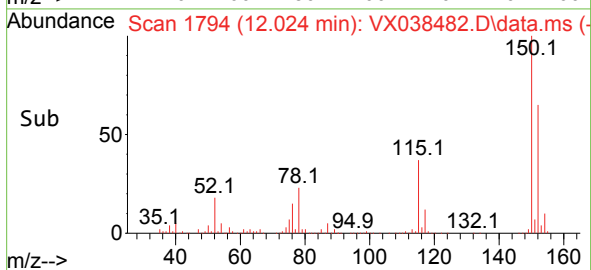
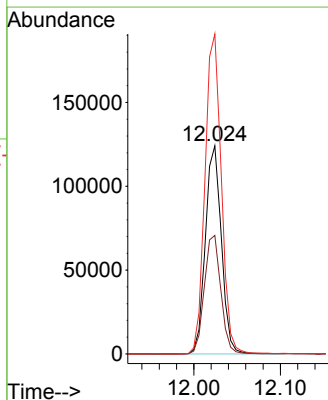
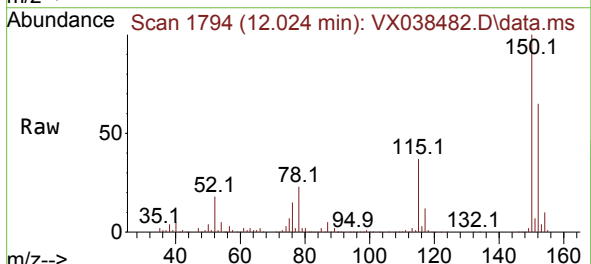


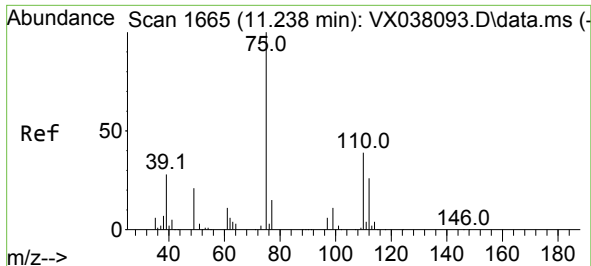
Tgt Ion:	164	Resp:	2005
Ion	Ratio	Lower	Upper
164	100		
166	107.4	102.7	154.1
129	88.7	80.4	120.6
131	88.1	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

Tgt Ion:	152	Resp:	159735
Ion	Ratio	Lower	Upper
152	100		
115	58.6	43.3	129.9
150	156.7	0.0	345.0

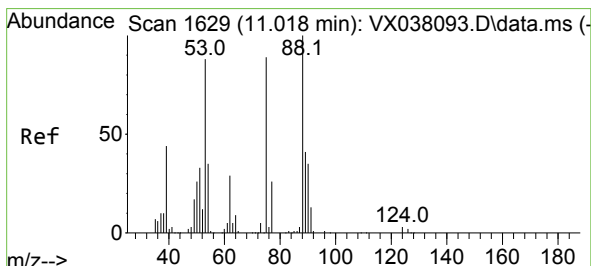
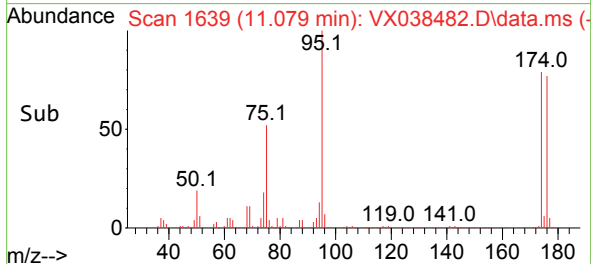
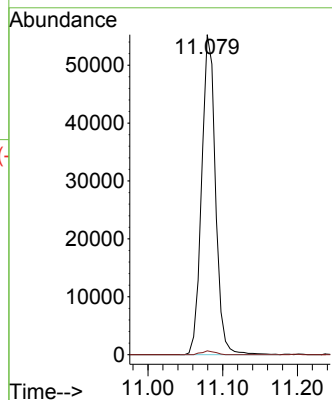
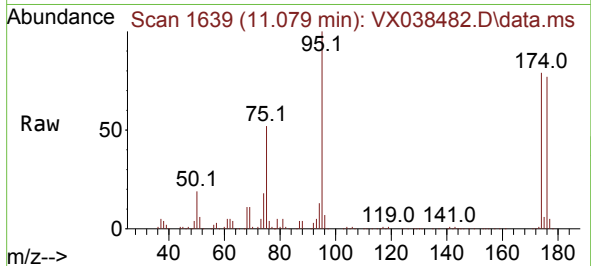




#76
1,2,3-Trichloropropane
Concen: 19.566 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

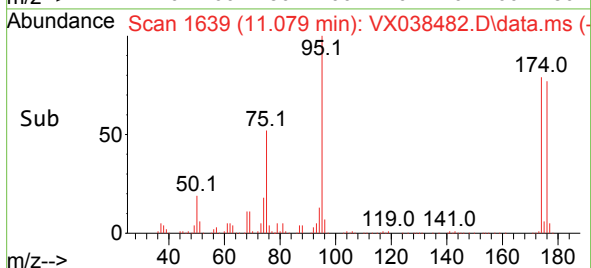
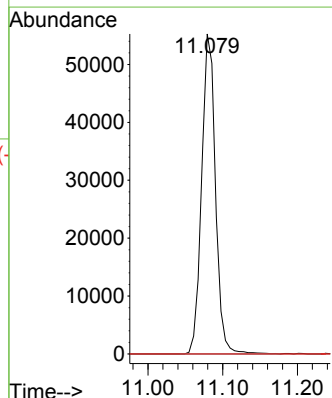
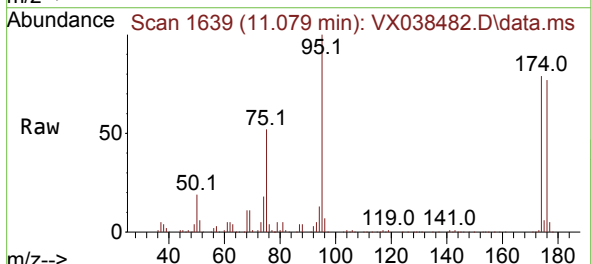
Instrument :
MSVOA_X
ClientSampleId :

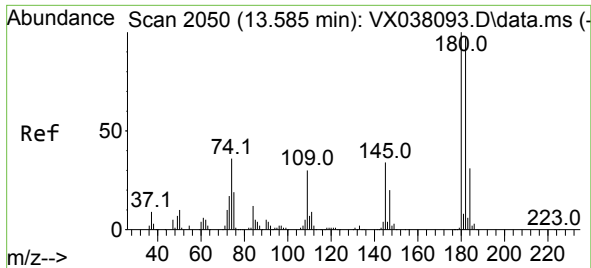
Tgt Ion: 75 Resp: 71052
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.557 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038482.D
Acq: 25 Oct 2023 16:06

Tgt Ion: 75 Resp: 71052
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: 0.257 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

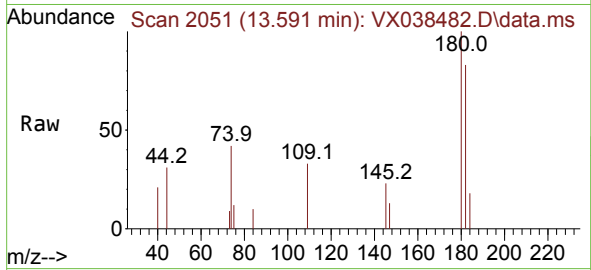
Lab File: VX038482.D

Acq: 25 Oct 2023 16:06

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 870

Ion Ratio Lower Upper

180 100

182 82.2 48.3 144.8

145 14.6 18.0 54.0#

