

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038484.D
 Acq On : 25 Oct 2023 16:53
 Operator : JC/MD
 Sample : 05038-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 04:07:25 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)

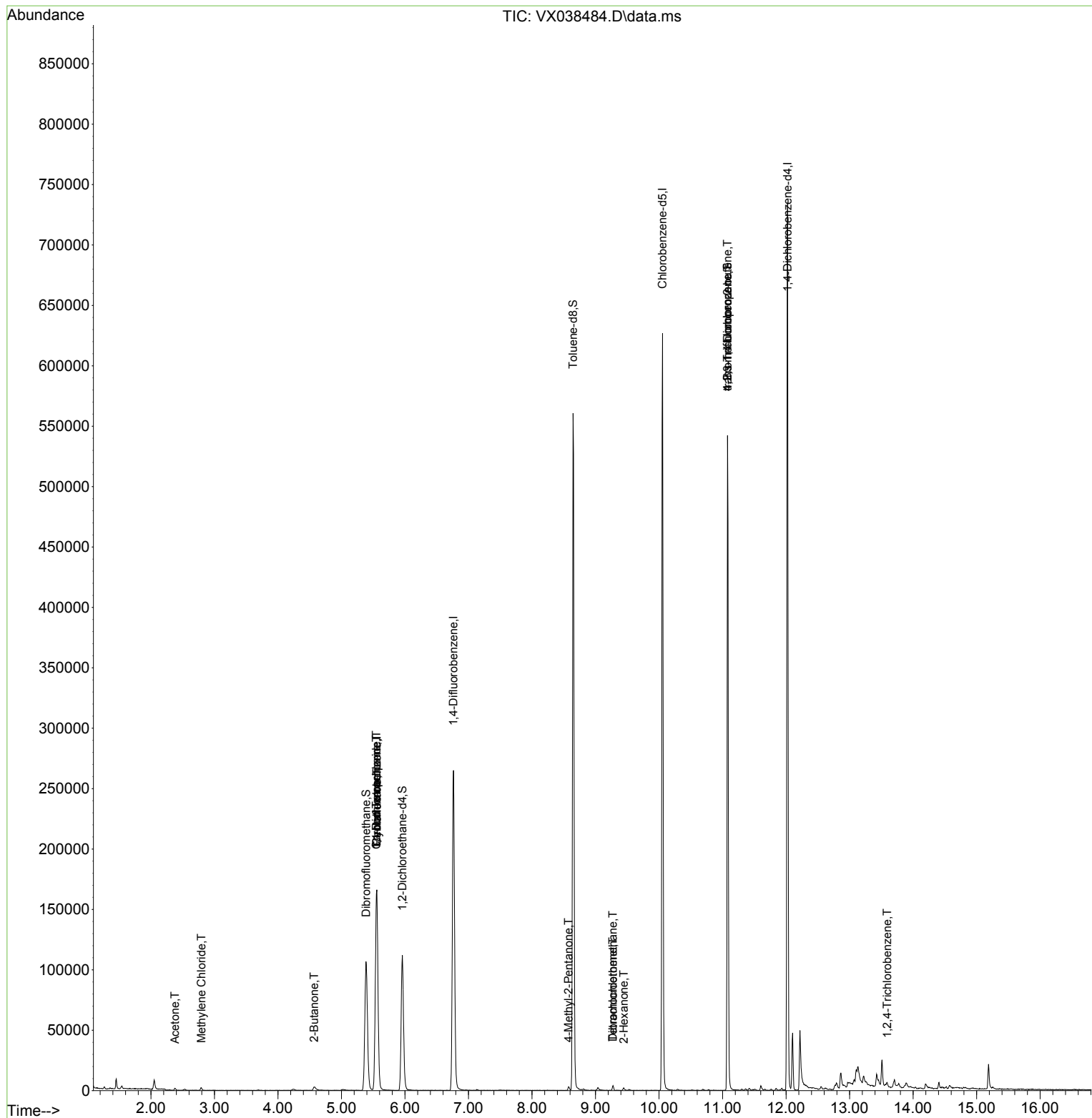
Internal Standards						
1) Pentafluorobenzene	5.556	168	164531	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	282975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104954	39.660	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.320%
35) Dibromofluoromethane	5.385	113	93171	45.694	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.380%
50) Toluene-d8	8.647	98	346889	44.521	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.040%#
62) 4-Bromofluorobenzene	11.079	95	136431	46.187	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.380%
Target Compounds						
					Qvalue	
5) Bromomethane	1.660	94	19	Below Cal	#	3
6) Chloroethane	1.678	64	222	Below Cal	#	43
16) Acetone	2.380	43	1613	1.460	ug/l #	87
20) Methylene Chloride	2.794	84	1007	0.485	ug/l #	81
25) 2-Butanone	4.568	43	5414	3.038	ug/l	94
31) Cyclohexane	5.556	56	3531	1.232	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	12018	4.274	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16421	5.937	ug/l #	13
51) 4-Methyl-2-Pentanone	8.574	43	1768	0.514	ug/l	98
59) 2-Hexanone	9.445	43	1375	0.497	ug/l	83
60) Dibromochloromethane	9.275	129	696	0.325	ug/l #	11
64) Tetrachloroethene	9.275	164	685	0.362	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	71178	19.313	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	71178	55.878	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	974	0.283	ug/l	96

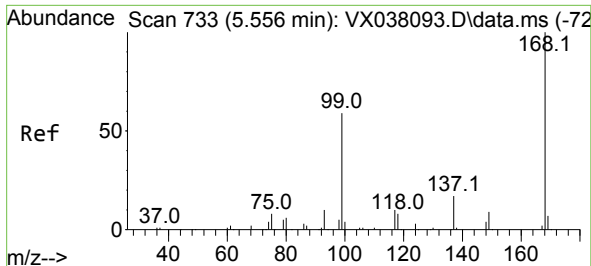
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
Data File : VX038484.D
Acq On : 25 Oct 2023 16:53
Operator : JC/MD
Sample : 05038-05 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

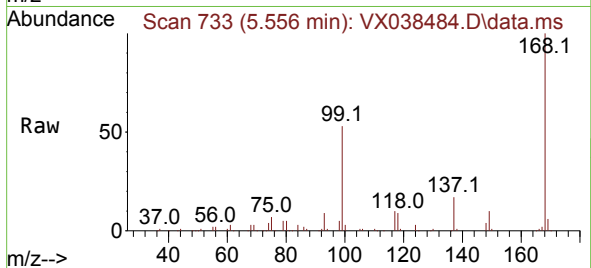
Quant Time: Oct 26 04:07:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



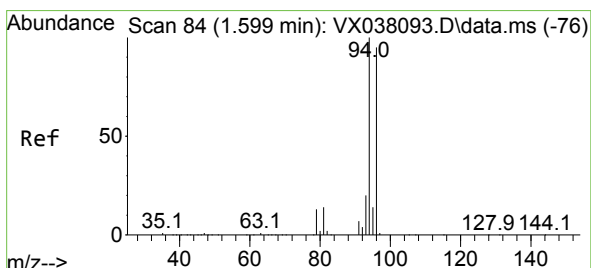
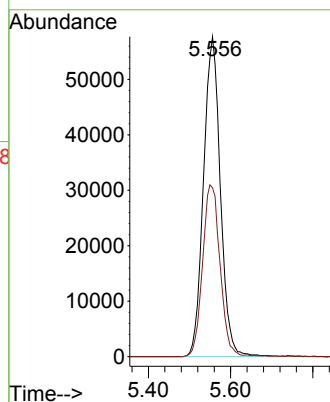
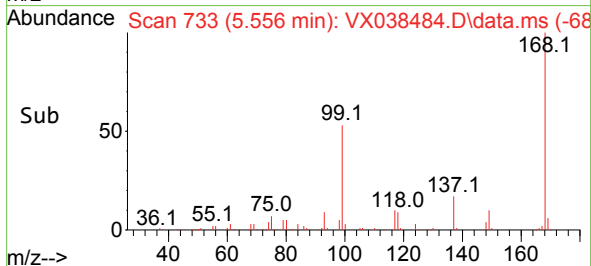


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :

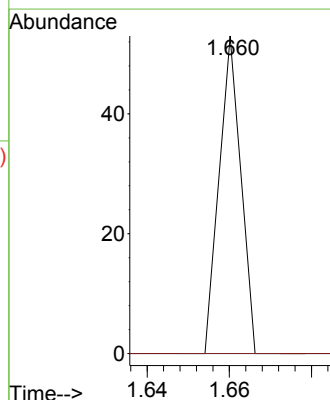
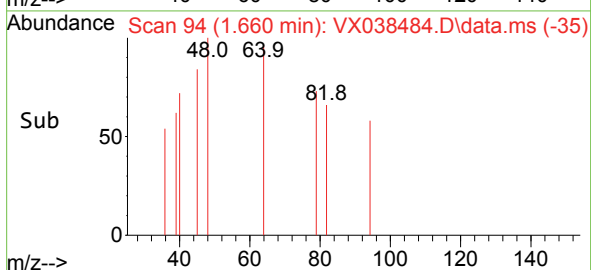
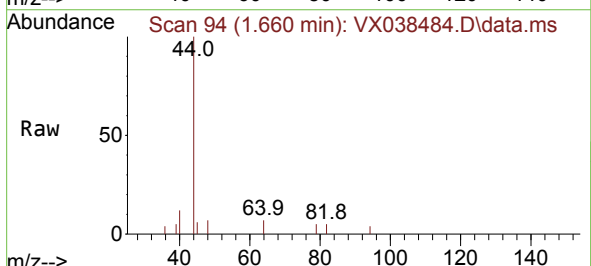


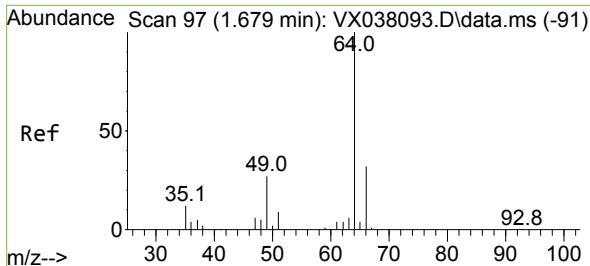
Tgt Ion:168 Resp: 164531
Ion Ratio Lower Upper
168 100
99 52.8 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. 0.061 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

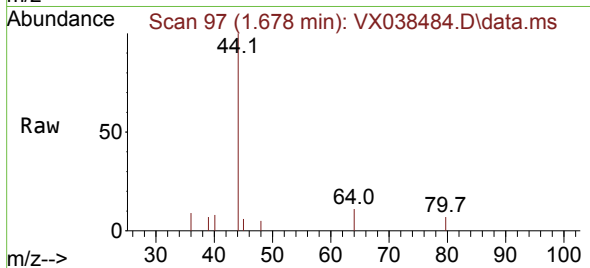
Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



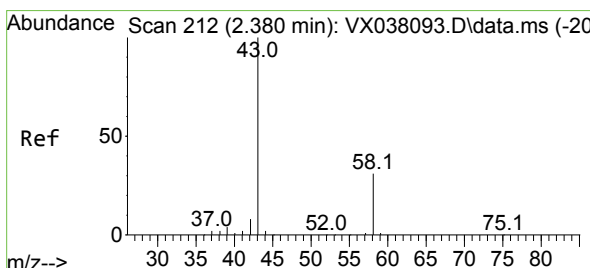
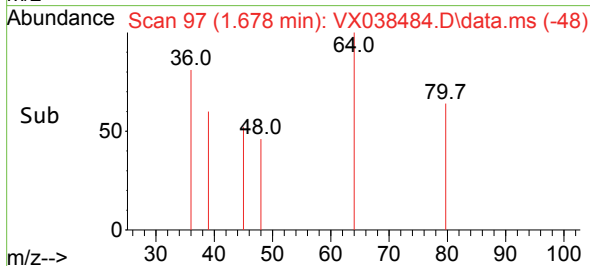
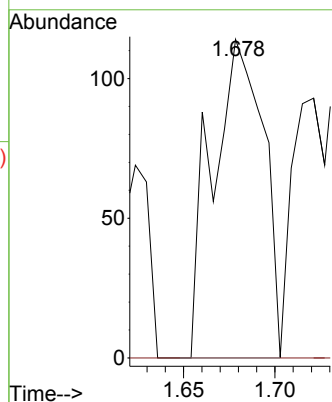


#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :

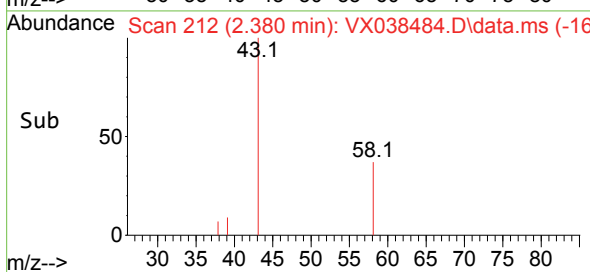
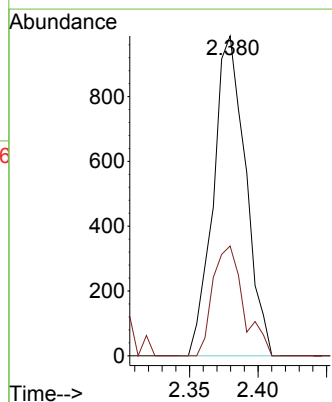
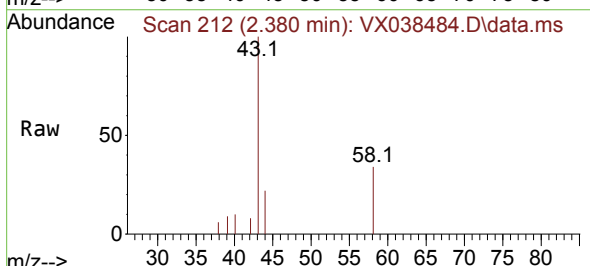


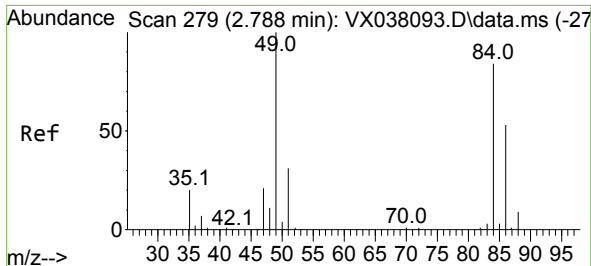
Tgt Ion: 64 Resp: 222
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.460 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 34.3 21.9 32.9#





#20

Methylene Chloride

Concen: 0.485 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

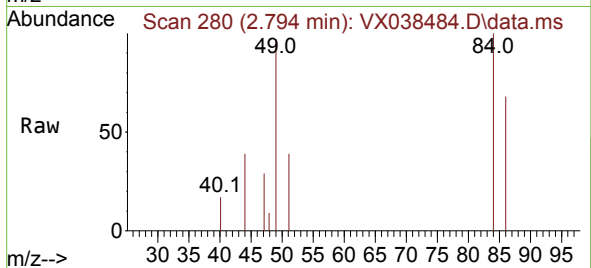
Lab File: VX038484.D

Acq: 25 Oct 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1007

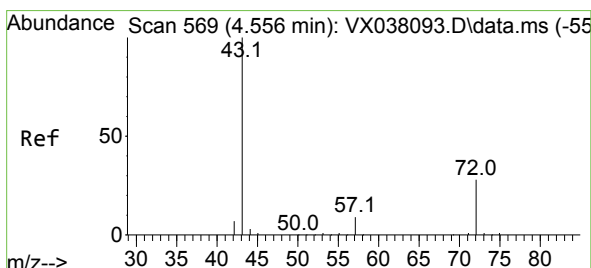
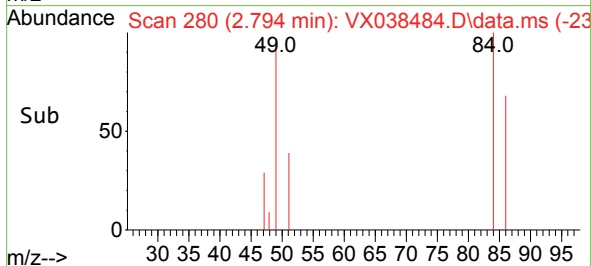
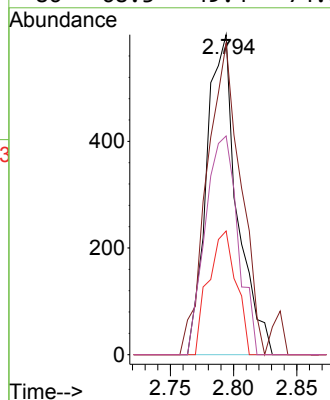
Ion Ratio Lower Upper

84 100

49 97.3 103.6 155.4#

51 38.7 33.8 50.6

86 68.3 49.4 74.0



#25

2-Butanone

Concen: 3.038 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX038484.D

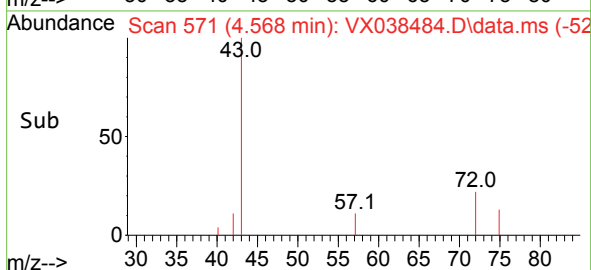
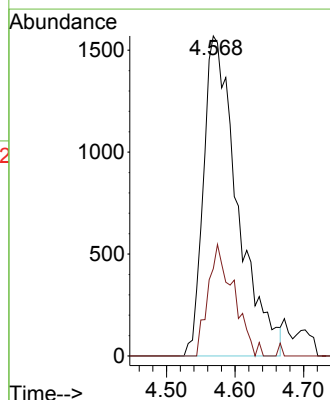
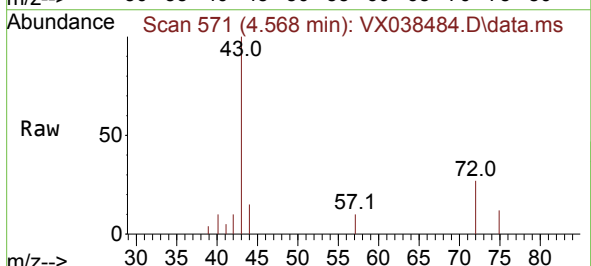
Acq: 25 Oct 2023 16:53

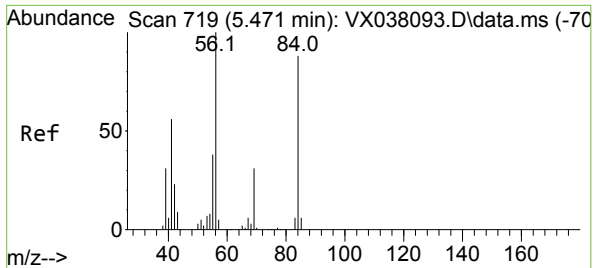
Tgt Ion: 43 Resp: 5414

Ion Ratio Lower Upper

43 100

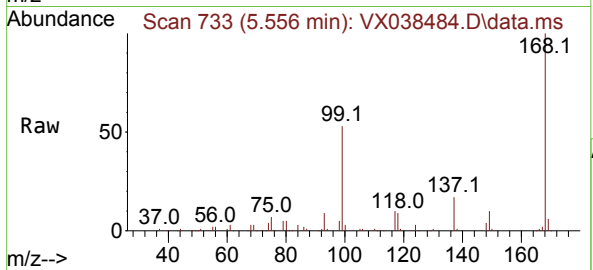
72 27.3 19.4 29.2



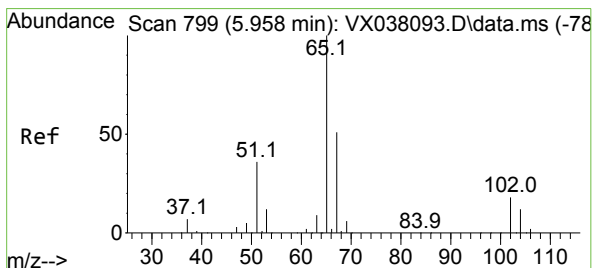
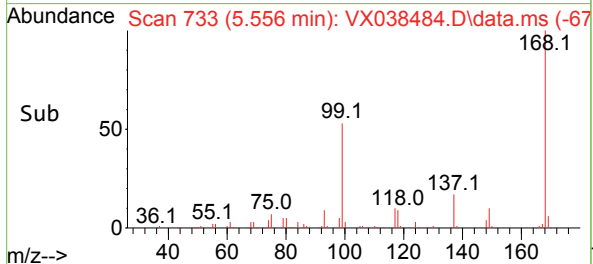
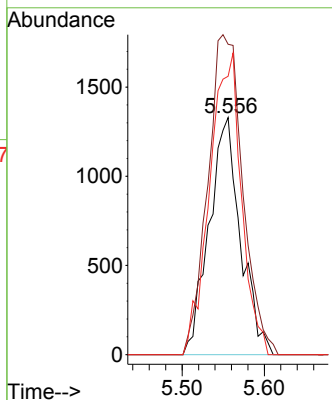


#31
Cyclohexane
Concen: 1.232 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :

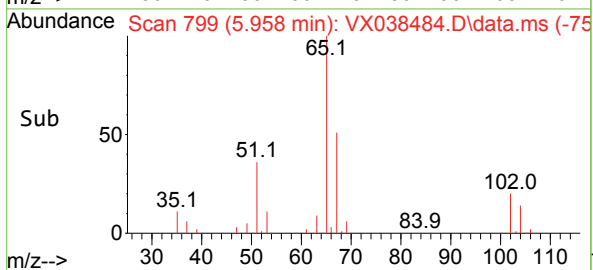
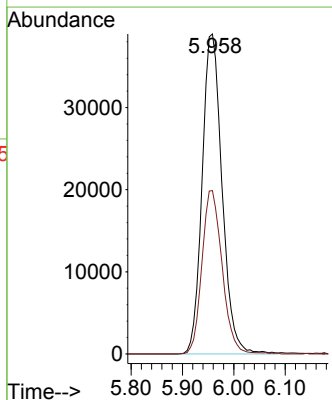
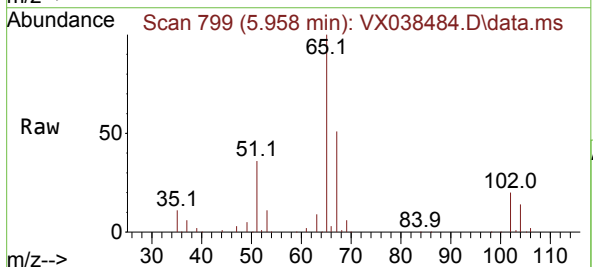


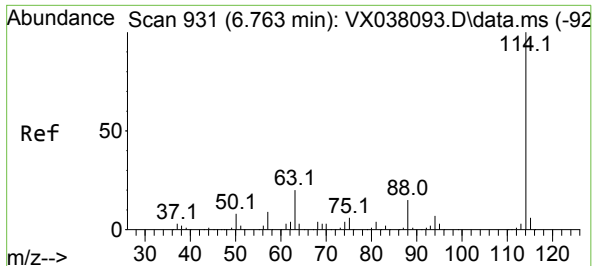
Tgt Ion: 56 Resp: 3531
Ion Ratio Lower Upper
56 100
69 130.9 23.4 35.2#
84 117.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 39.660 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

Tgt Ion: 65 Resp: 104954
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

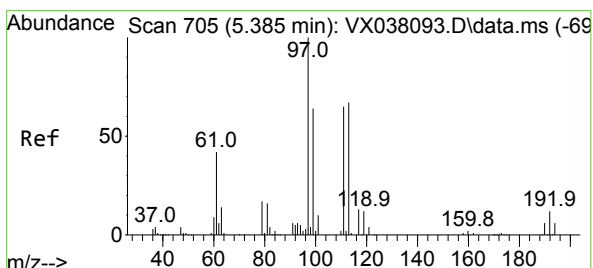
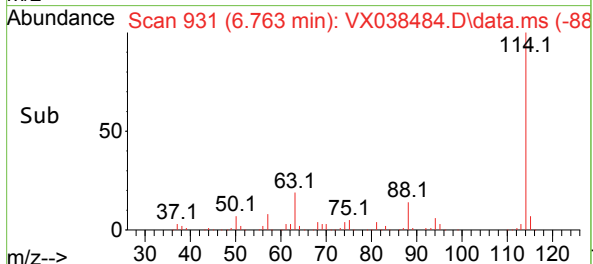
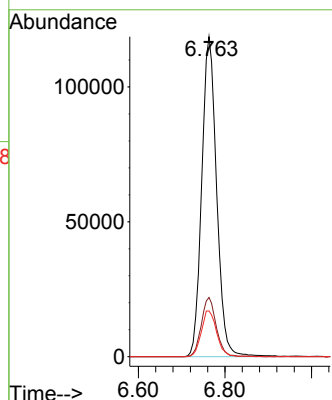
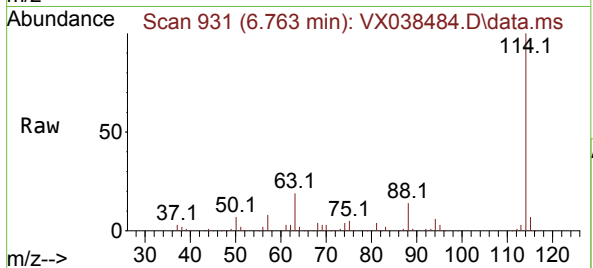




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

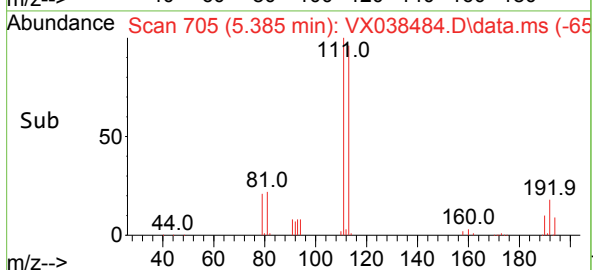
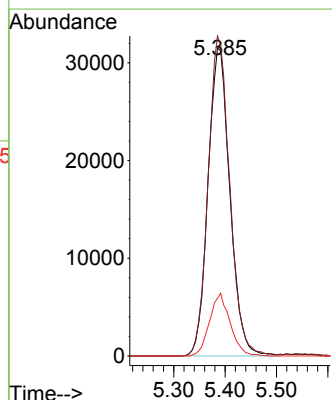
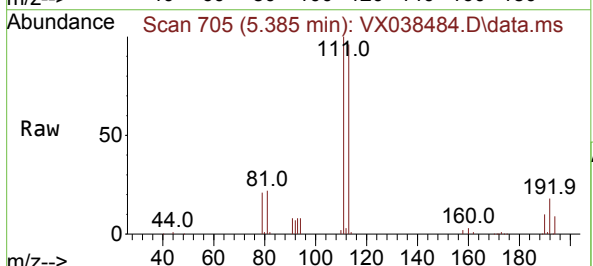
Instrument :
MSVOA_X
ClientSampleId :

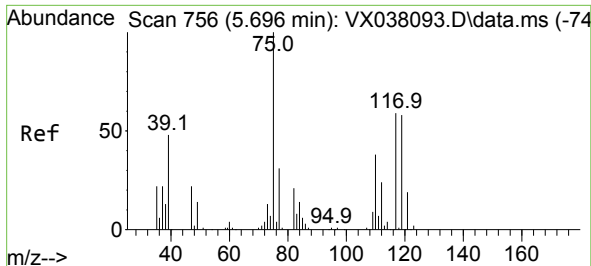
Tgt Ion:114 Resp: 282975
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 14.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.694 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

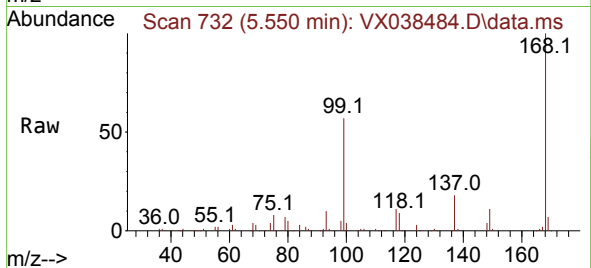
Tgt Ion:113 Resp: 93171
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 19.2 13.3 19.9



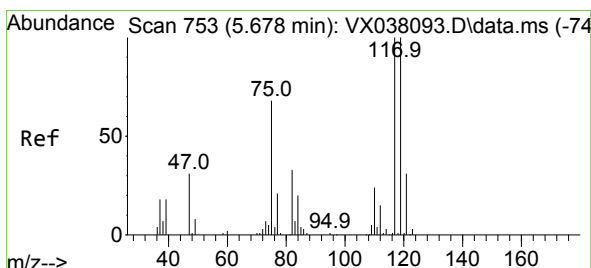
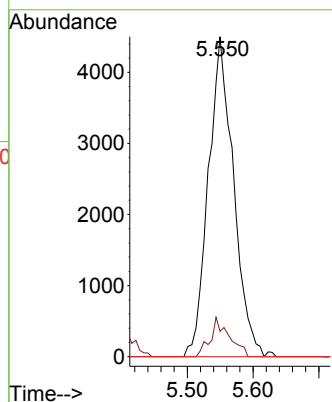
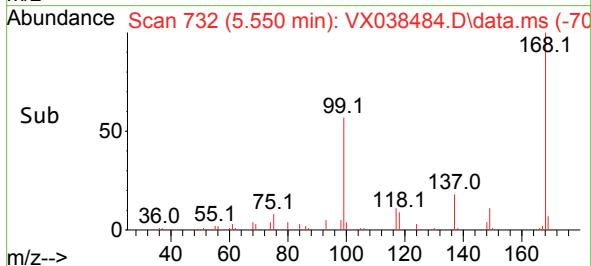


#36
1,1-Dichloropropene
Concen: 4.274 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

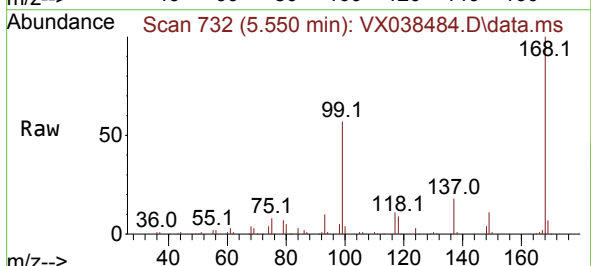
Instrument :
MSVOA_X
ClientSampleId :



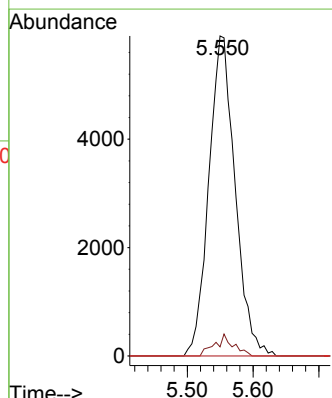
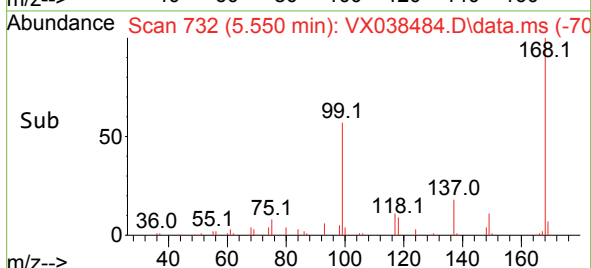
Tgt Ion: 75 Resp: 12018
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#

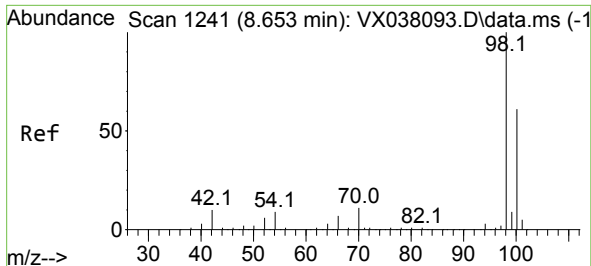


#38
Carbon Tetrachloride
Concen: 5.937 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53



Tgt Ion: 117 Resp: 16421
Ion Ratio Lower Upper
117 100
119 2.8 78.2 117.2#
121 0.0 24.4 36.6#

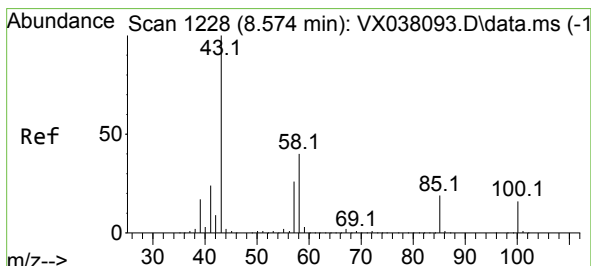
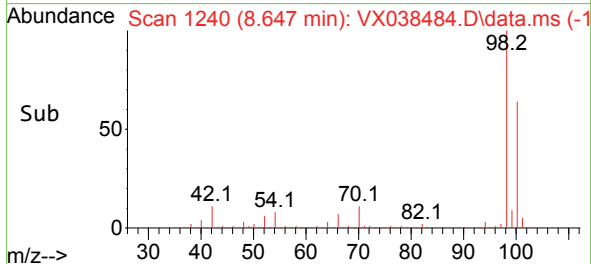
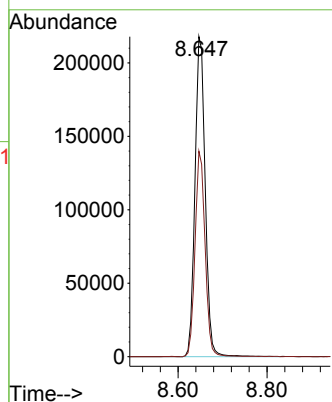
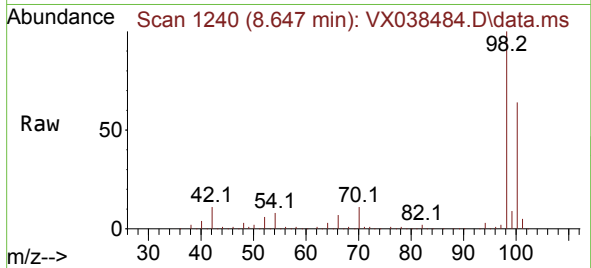




#50
Toluene-d8
Concen: 44.521 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

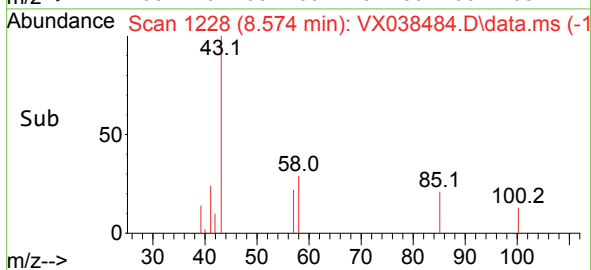
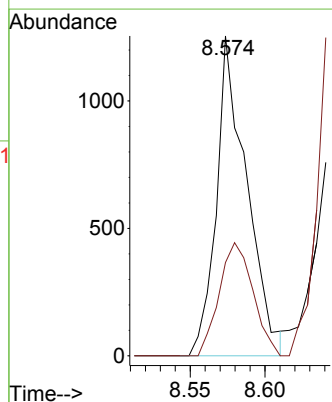
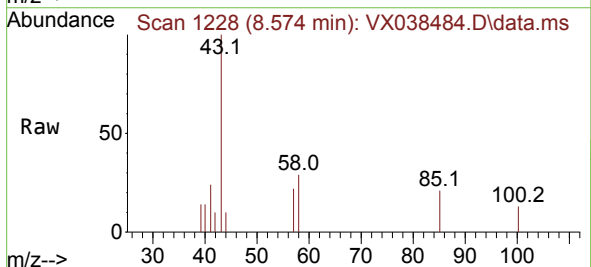
Instrument :
MSVOA_X
ClientSampleId :

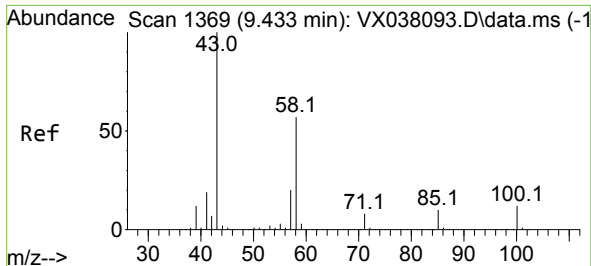
Tgt Ion: 98 Resp: 346889
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

Tgt Ion: 43 Resp: 1768
Ion Ratio Lower Upper
43 100
58 39.4 30.4 45.6





#59

2-Hexanone

Concen: 0.497 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.012 min

Lab File: VX038484.D

Acq: 25 Oct 2023 16:53

Instrument :

MSVOA_X

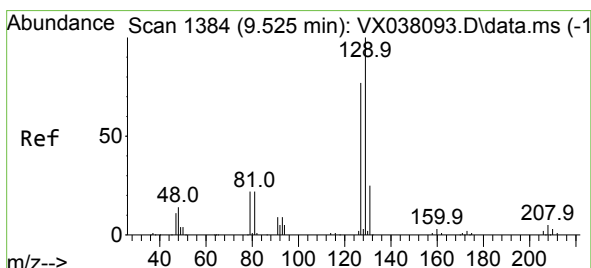
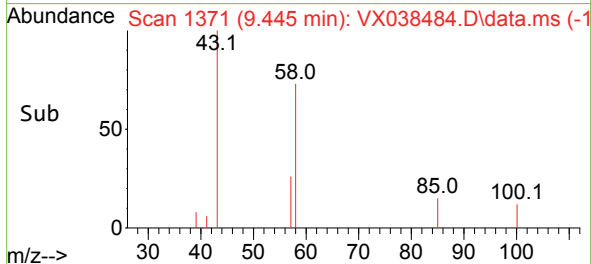
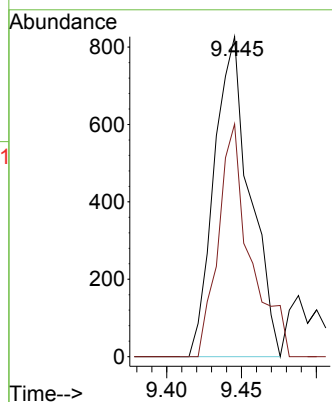
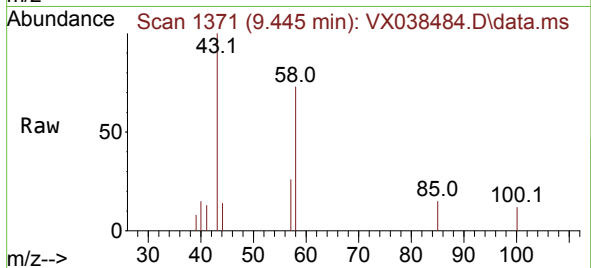
ClientSampleId :

Tgt Ion: 43 Resp: 1375

Ion Ratio Lower Upper

43 100

58 64.6 26.2 78.5



#60

Dibromochloromethane

Concen: 0.325 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX038484.D

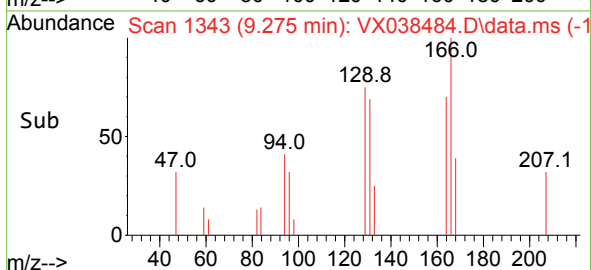
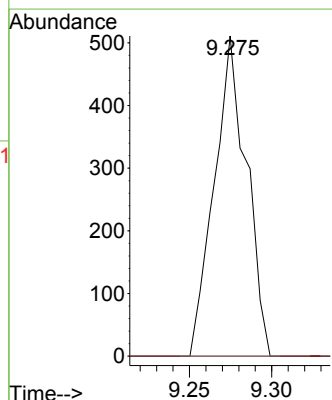
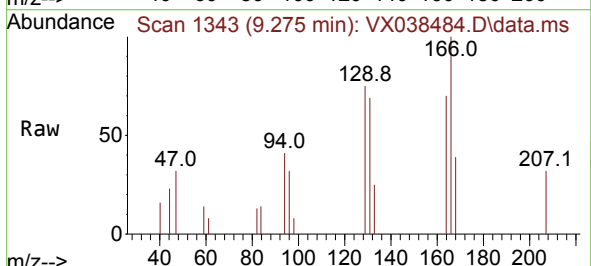
Acq: 25 Oct 2023 16:53

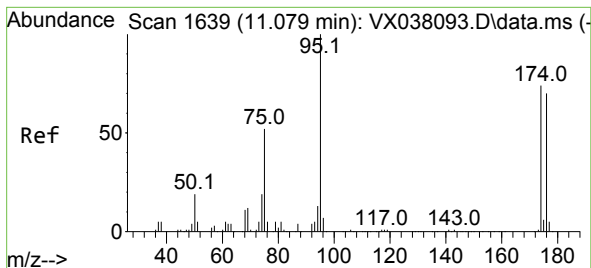
Tgt Ion: 129 Resp: 696

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

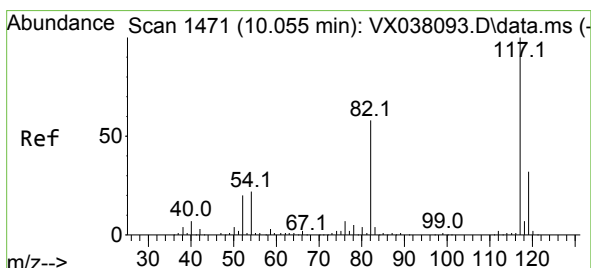
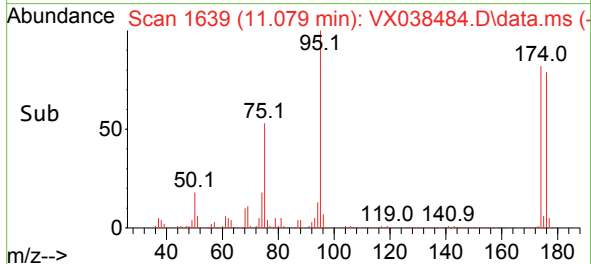
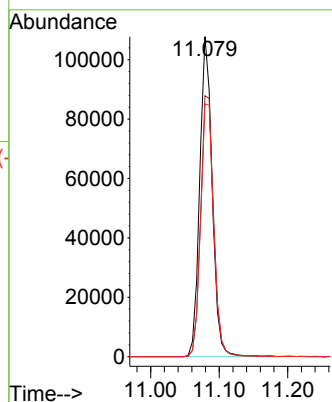
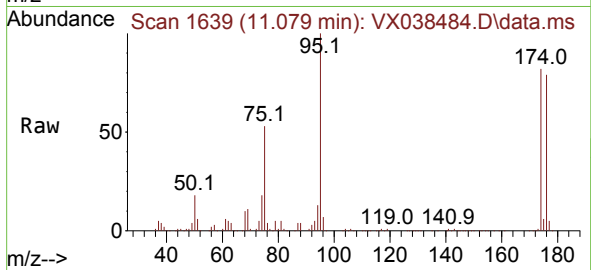




#62
4-Bromofluorobenzene
Concen: 46.187 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

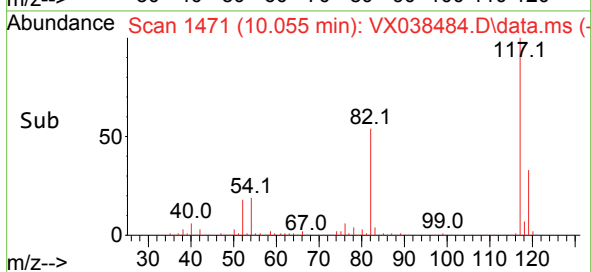
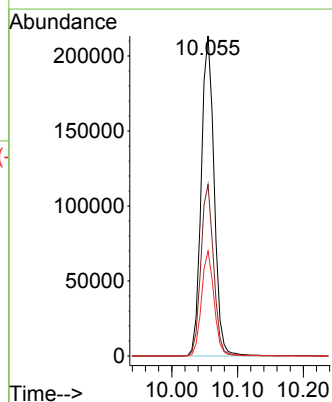
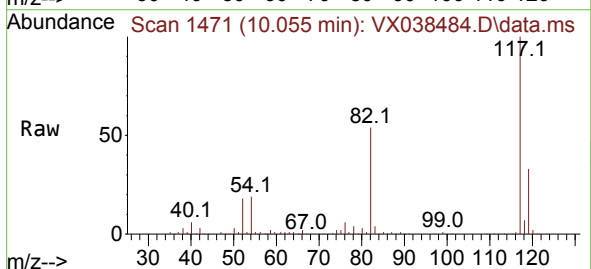
Instrument :
MSVOA_X
ClientSampleId :

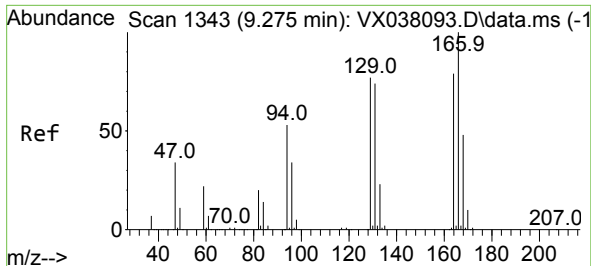
Tgt Ion: 95 Resp: 136431
Ion Ratio Lower Upper
95 100
174 85.5 0.0 135.6
176 83.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

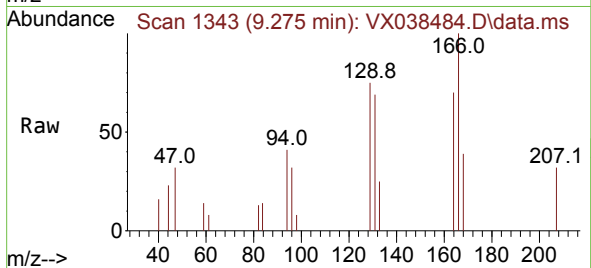
Tgt Ion: 117 Resp: 291933
Ion Ratio Lower Upper
117 100
82 53.5 46.2 69.4
119 32.8 25.5 38.3





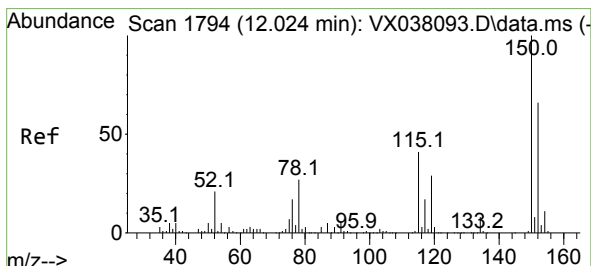
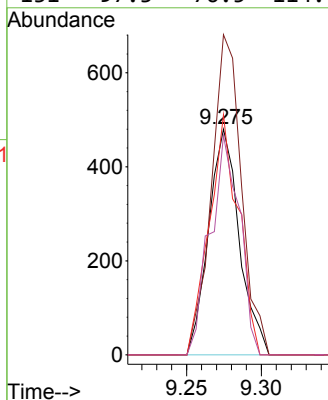
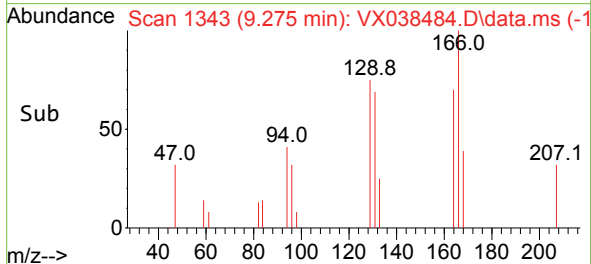
#64
Tetrachloroethene
Concen: 0.362 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :

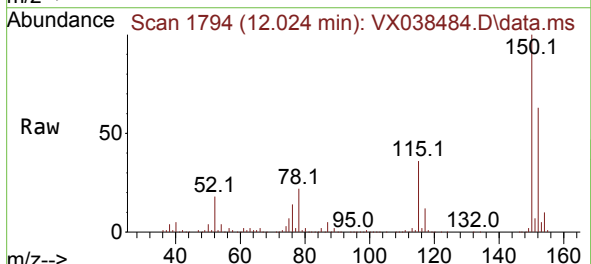


Tgt Ion:164 Resp: 685

Ion	Ratio	Lower	Upper
164	100		
166	141.9	102.7	154.1
129	106.5	80.4	120.6
131	97.3	76.5	114.7

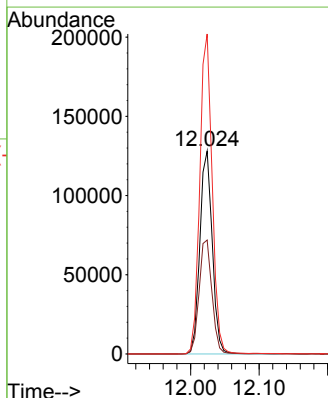
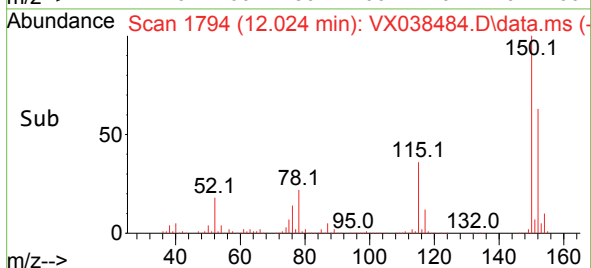


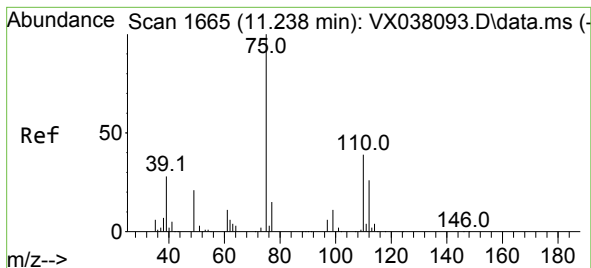
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038484.D
Acq: 25 Oct 2023 16:53



Tgt Ion:152 Resp: 162114

Ion	Ratio	Lower	Upper
152	100		
115	58.0	43.3	129.9
150	156.7	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 19.313 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX038484.D

Acq: 25 Oct 2023 16:53

Instrument :

MSVOA_X

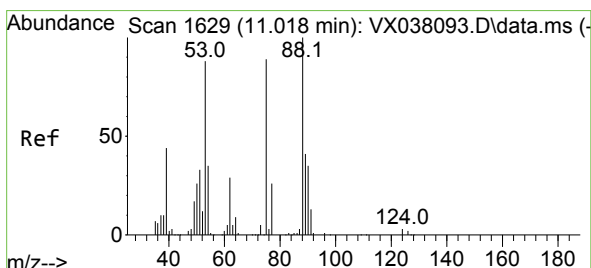
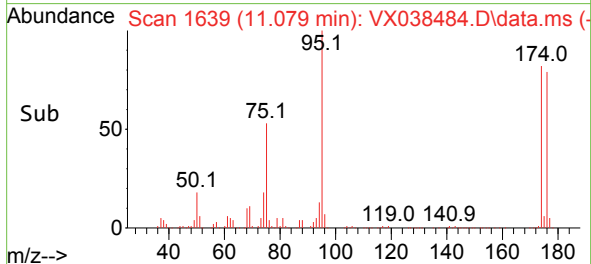
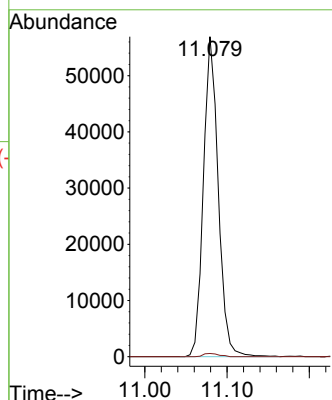
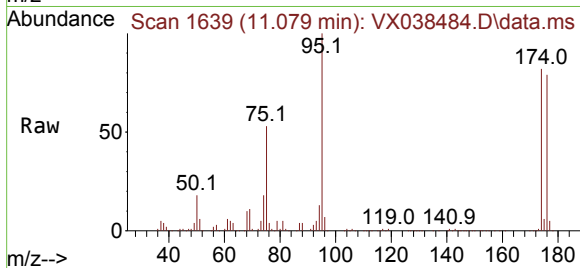
ClientSampleId :

Tgt Ion: 75 Resp: 71178

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.878 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038484.D

Acq: 25 Oct 2023 16:53

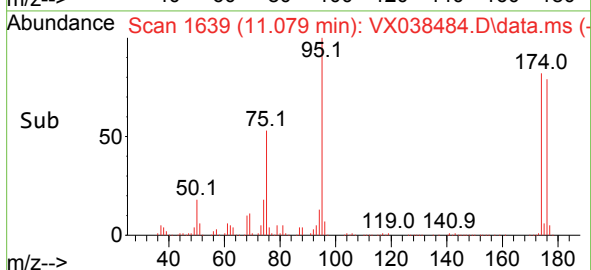
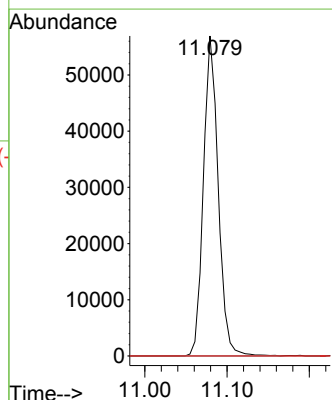
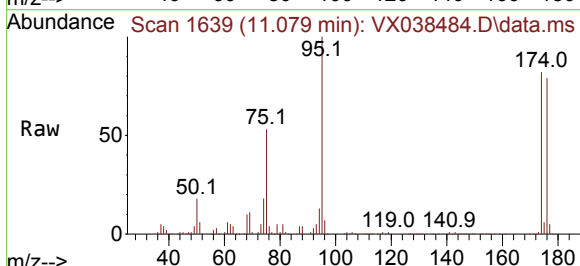
Tgt Ion: 75 Resp: 71178

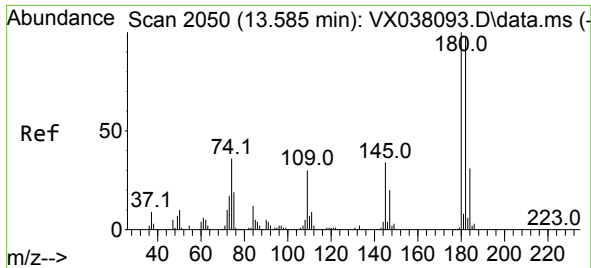
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.283 ug/l

RT: 13.591 min Scan# 20

Delta R.T. 0.006 min

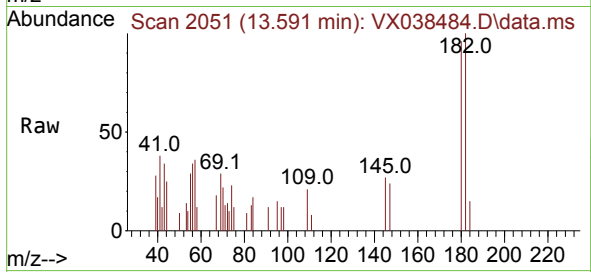
Lab File: VX038484.D

Acq: 25 Oct 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 974

Ion Ratio Lower Upper

180 100

182 98.5 48.3 144.8

145 30.8 18.0 54.0

