

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038854.D
 Acq On : 16 Nov 2023 21:41
 Operator : JC/MD
 Sample : 05357-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT119S1-20231108

Quant Time: Nov 16 23:09:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

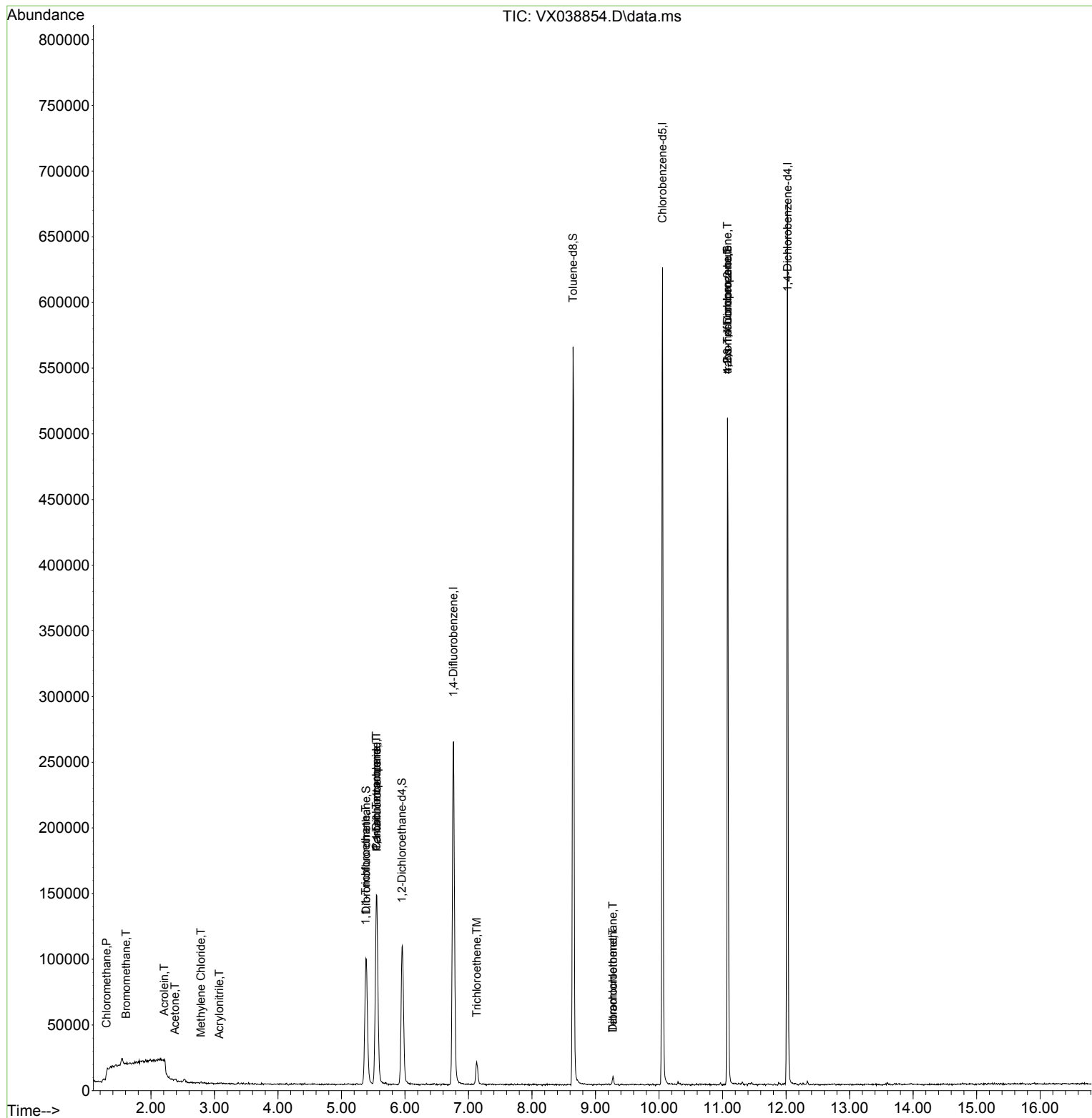
Internal Standards						
1) Pentafluorobenzene	5.556	168	131461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	268246	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99865	47.144	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.280%
35) Dibromofluoromethane	5.385	113	85914	44.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.700%
50) Toluene-d8	8.647	98	344373	46.459	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.920%
62) 4-Bromofluorobenzene	11.079	95	144734	48.778	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.560%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	419	0.209	ug/l	91
5) Bromomethane	1.605	94	268	0.336	ug/l #	15
13) Acrolein	2.209	56	563	1.806	ug/l #	14
15) Acrylonitrile	3.075	53	576	0.463	ug/l #	42
16) Acetone	2.380	43	1511	1.340	ug/l	96
20) Methylene Chloride	2.788	84	439	0.216	ug/l #	75
32) 1,1,1-Trichloroethane	5.379	97	733	0.258	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	11893	4.283	ug/l #	52
38) Carbon Tetrachloride	5.550	117	14466	5.637	ug/l #	15
44) Trichloroethene	7.129	130	6554	3.279	ug/l	98
60) Dibromochloromethane	9.275	129	953	0.441	ug/l #	11
64) Tetrachloroethene	9.275	164	986	0.583	ug/l	84
76) 1,2,3-Trichloropropane	11.079	75	72187	21.091	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	72187	46.783	ug/l #	5

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

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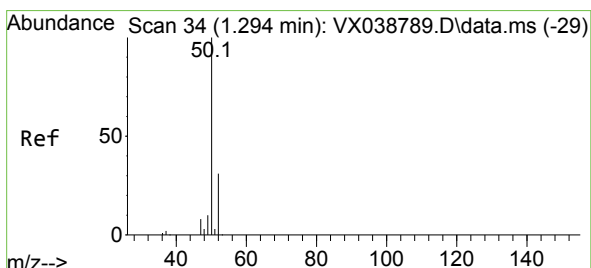
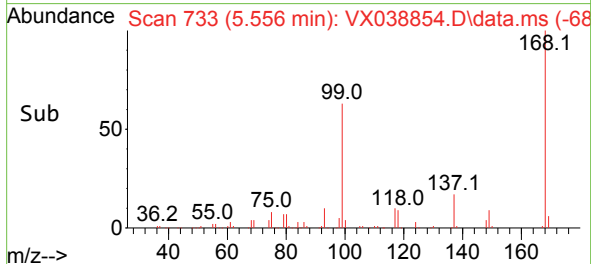
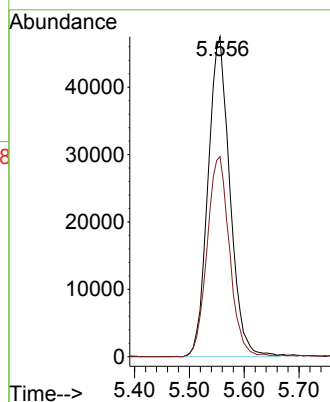
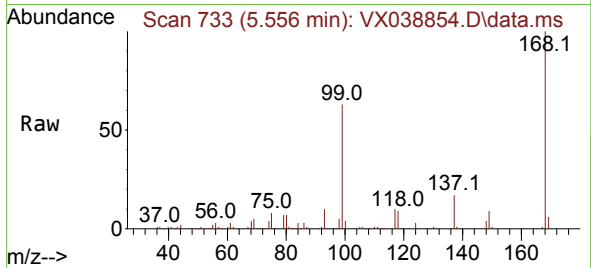




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038854.D
Acq: 16 Nov 2023 21:41

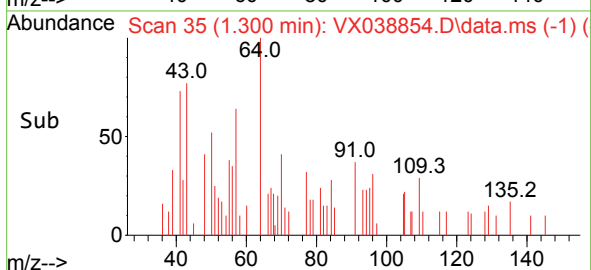
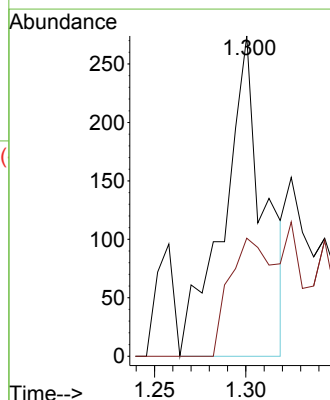
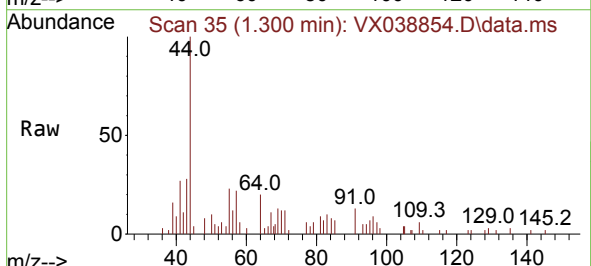
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20231108

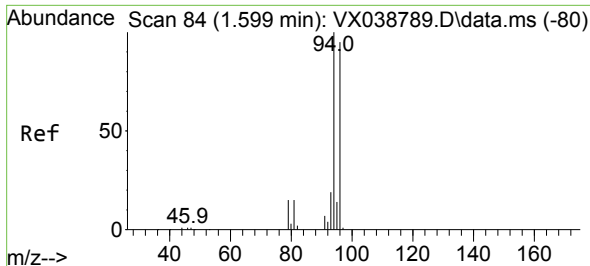
Tgt Ion:168 Resp: 131461
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0



#3
Chloromethane
Concen: 0.209 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX038854.D
Acq: 16 Nov 2023 21:41

Tgt Ion: 50 Resp: 419
Ion Ratio Lower Upper
50 100
52 36.9 25.5 38.3

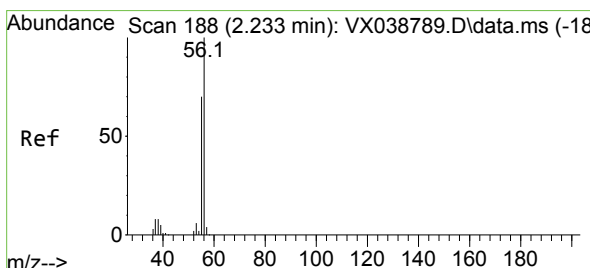
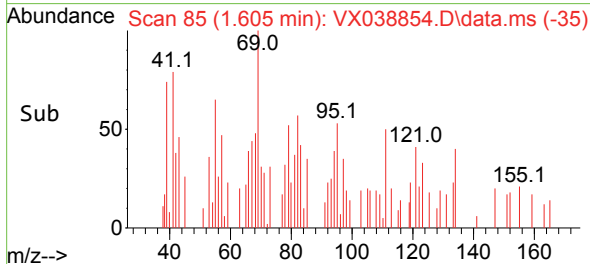
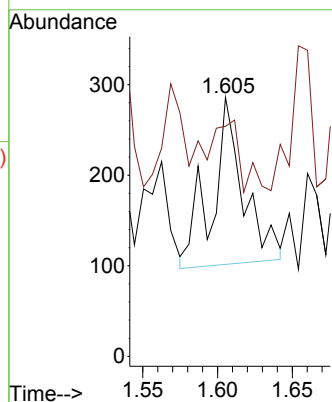
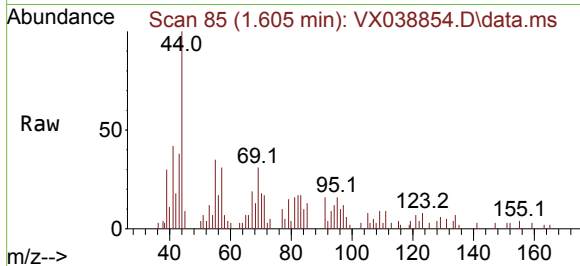




#5
Bromomethane
Concen: 0.336 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038854.D
Acq: 16 Nov 2023 21:41

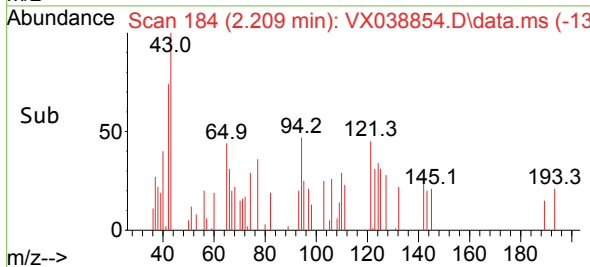
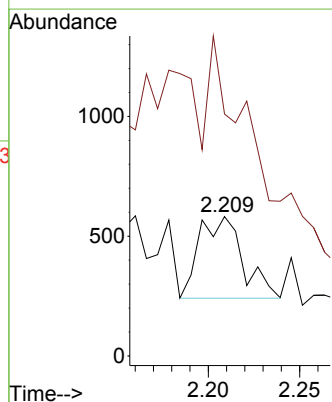
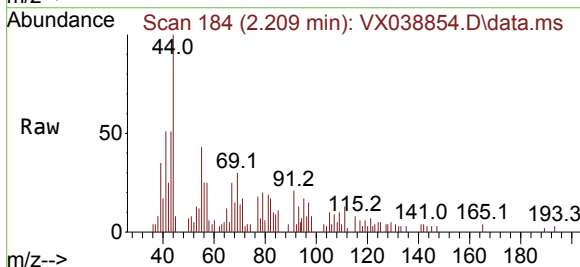
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20231108

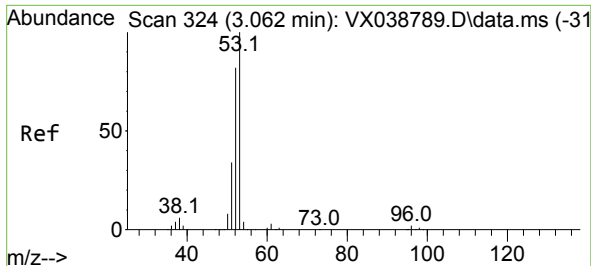
Tgt Ion: 94 Resp: 268
Ion Ratio Lower Upper
94 100
96 11.4 74.6 111.8#



#13
Acrolein
Concen: 1.806 ug/l
RT: 2.209 min Scan# 184
Delta R.T. -0.024 min
Lab File: VX038854.D
Acq: 16 Nov 2023 21:41

Tgt Ion: 56 Resp: 563
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#





#15

Acrylonitrile

Concen: 0.463 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX038854.D

Acq: 16 Nov 2023 21:41

Instrument :

MSVOA_X

ClientSampleId :

TT119S1-20231108

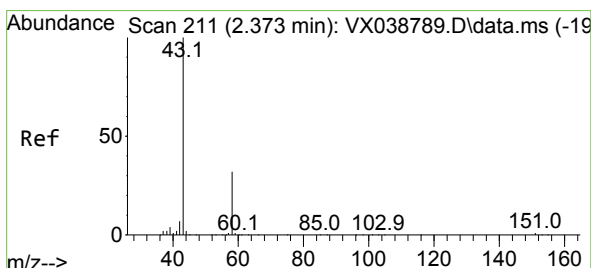
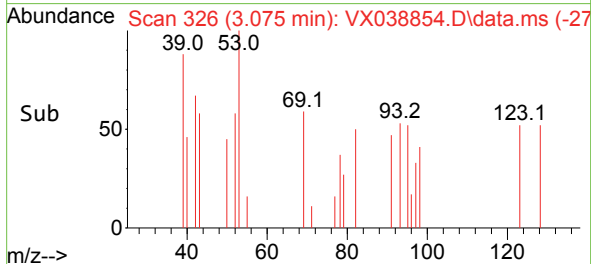
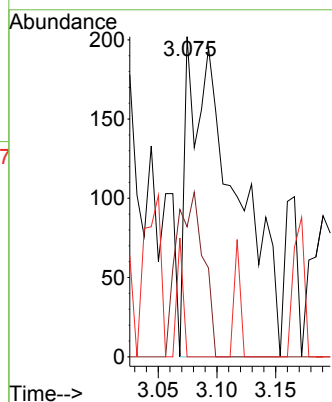
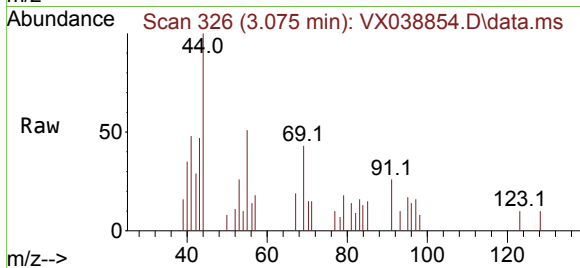
Tgt Ion: 53 Resp: 576

Ion Ratio Lower Upper

53 100

52 28.8 66.0 99.0#

51 4.7 29.8 44.6#



#16

Acetone

Concen: 1.340 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX038854.D

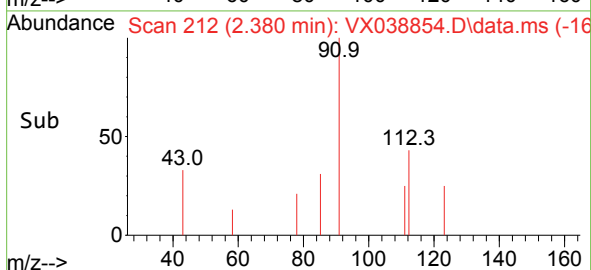
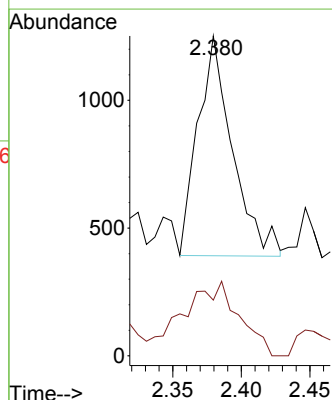
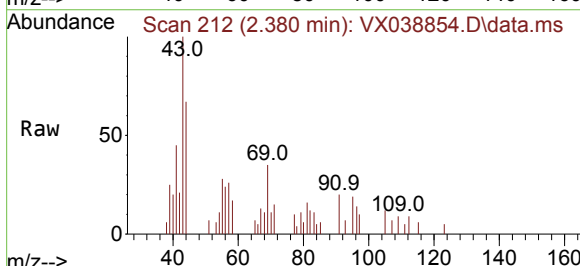
Acq: 16 Nov 2023 21:41

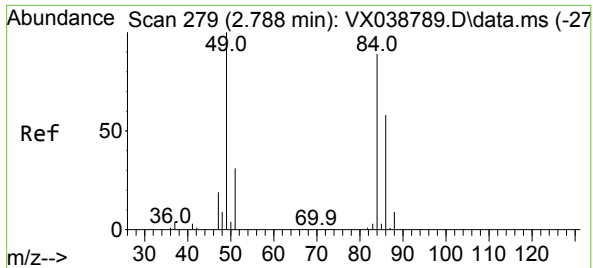
Tgt Ion: 43 Resp: 1511

Ion Ratio Lower Upper

43 100

58 25.4 21.9 32.9

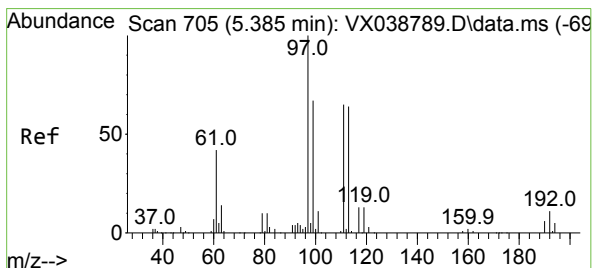
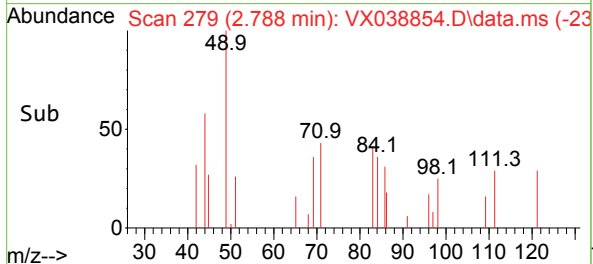
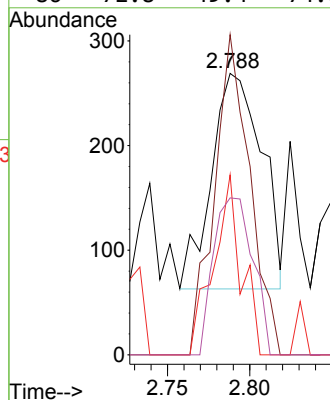
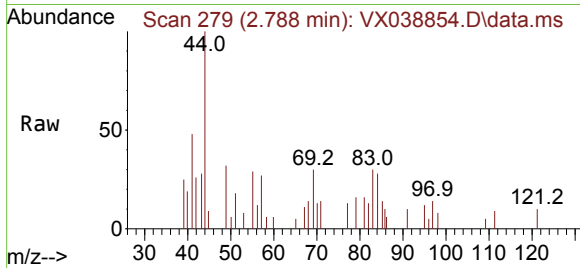




#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038854.D
Acq: 16 Nov 2023 21:41

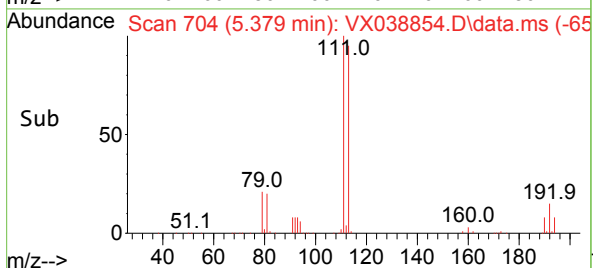
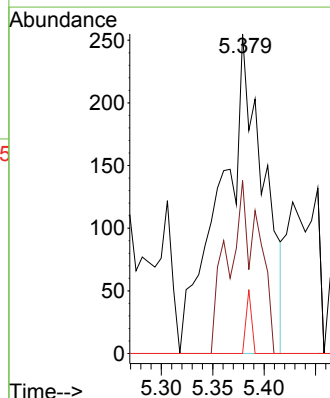
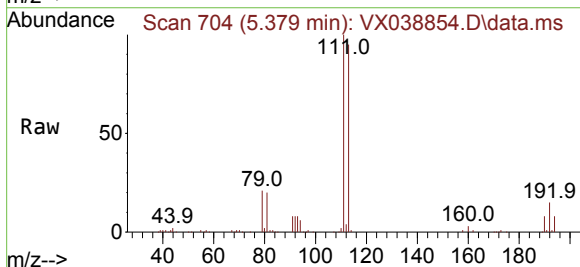
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20231108

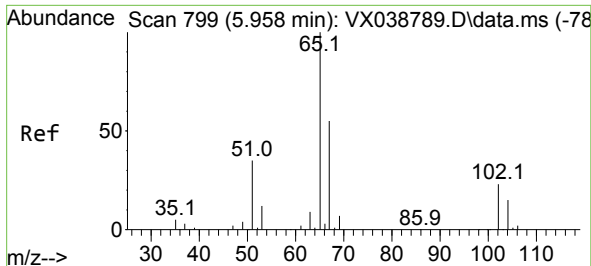
Tgt Ion:	84	Resp:	439
Ion	Ratio	Lower	Upper
84	100		
49	148.5	103.6	155.4
51	83.5	33.8	50.6#
86	72.8	49.4	74.0



#32
1,1,1-Trichloroethane
Concen: 0.258 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038854.D
Acq: 16 Nov 2023 21:41

Tgt Ion:	97	Resp:	733
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.1	76.7#
61	0.0	36.4	54.6#





#33

1,2-Dichloroethane-d4

Concen: 47.144 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038854.D

Acq: 16 Nov 2023 21:41

Instrument :

MSVOA_X

ClientSampleId :

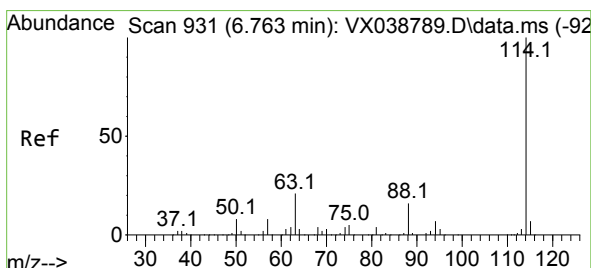
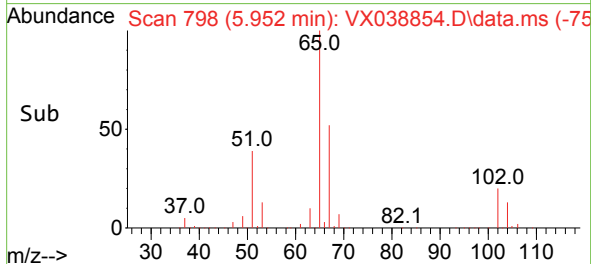
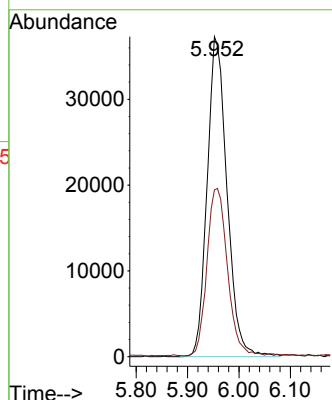
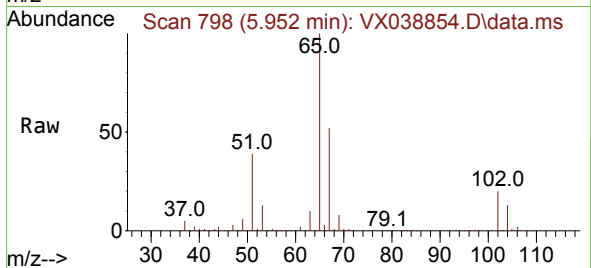
TT119S1-20231108

Tgt Ion: 65 Resp: 99865

Ion Ratio Lower Upper

65 100

67 54.0 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: VX038854.D

Acq: 16 Nov 2023 21:41

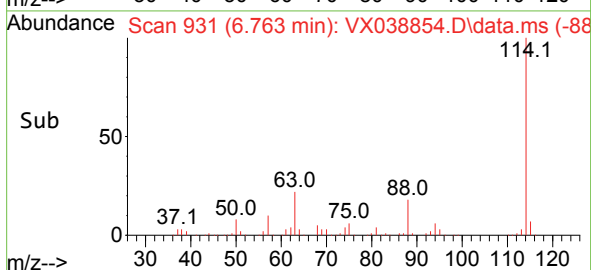
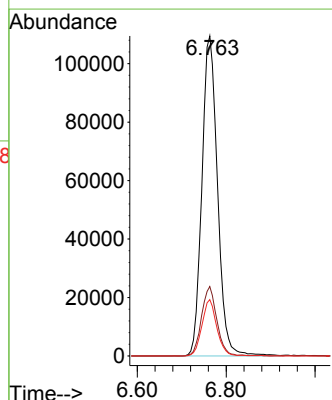
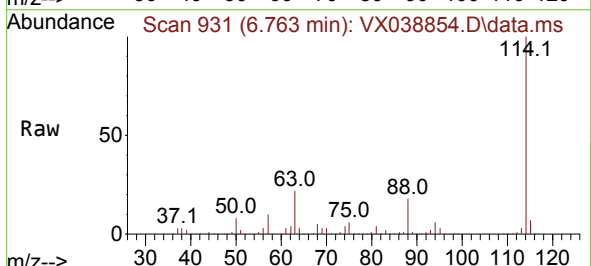
Tgt Ion: 114 Resp: 268246

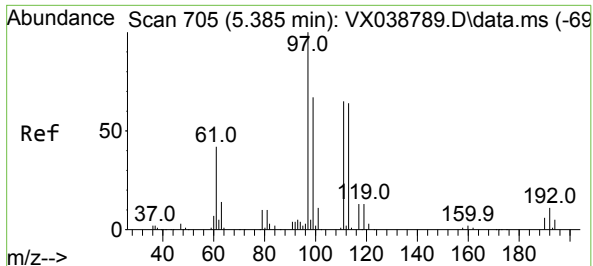
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

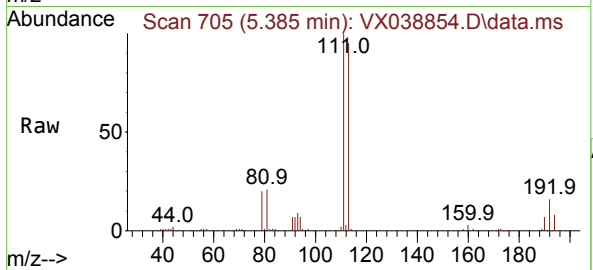
88 17.6 0.0 36.6



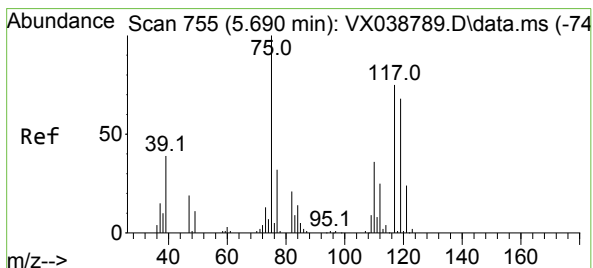
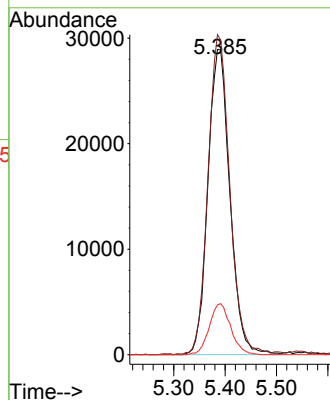
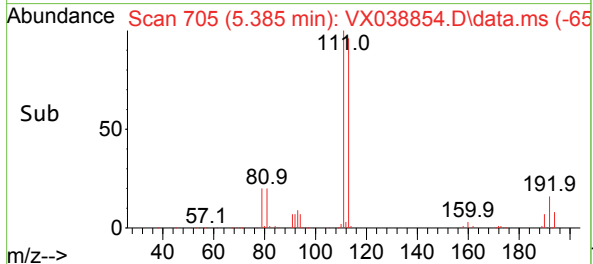


#35
 Dibromofluoromethane
 Concen: 44.346 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038854.D
 Acq: 16 Nov 2023 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 TT119S1-20231108

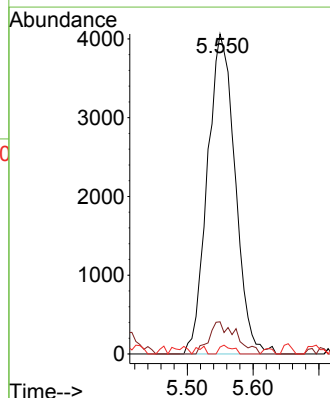
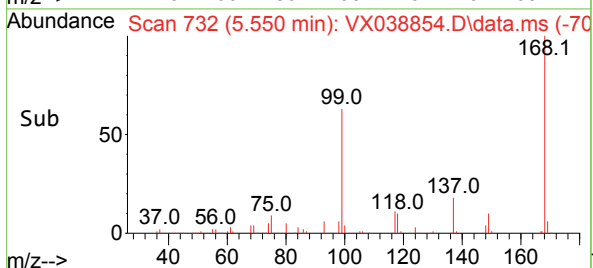
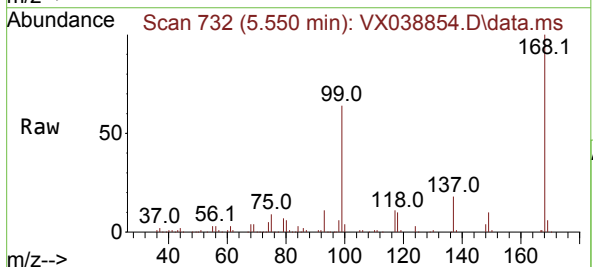


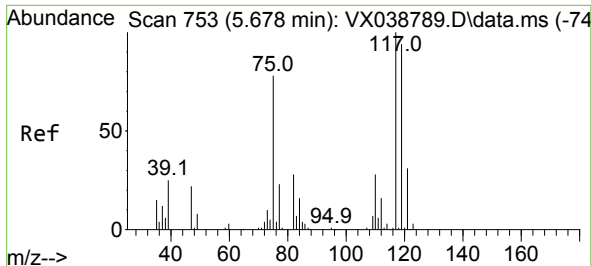
Tgt Ion:113 Resp: 85914
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.9 124.3
 192 16.3 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.283 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX038854.D
 Acq: 16 Nov 2023 21:41

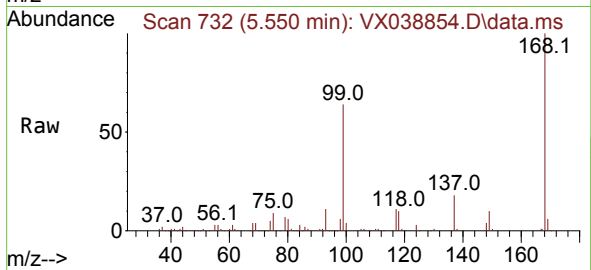
Tgt Ion: 75 Resp: 11893
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.0 50.9#
 77 1.3 24.7 37.1#



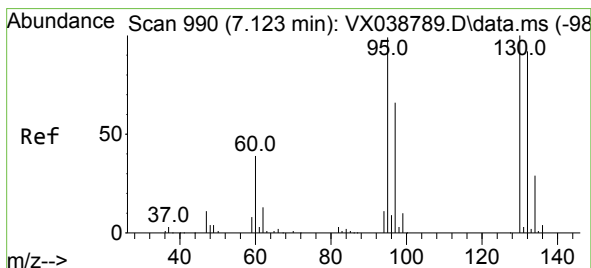
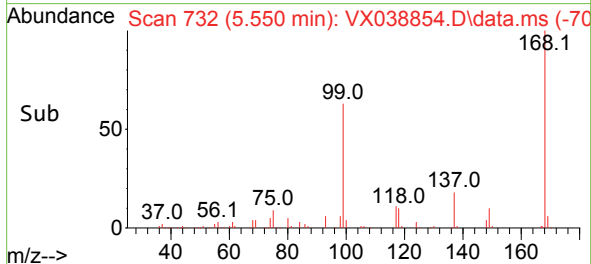
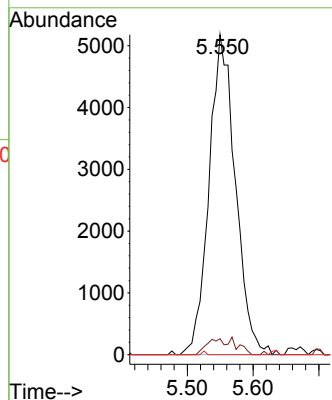


#38
Carbon Tetrachloride
Concen: 5.637 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX038854.D
Acq: 16 Nov 2023 21:41

Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20231108

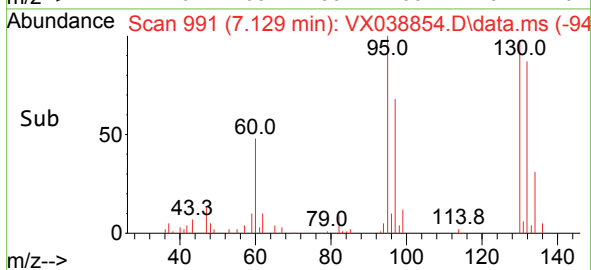
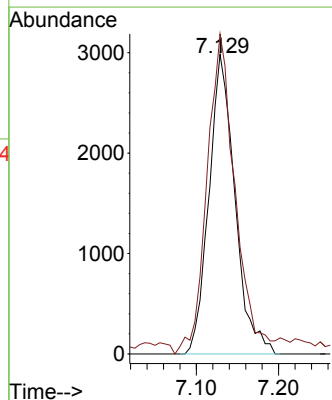
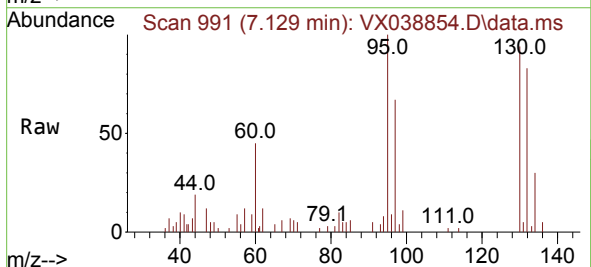


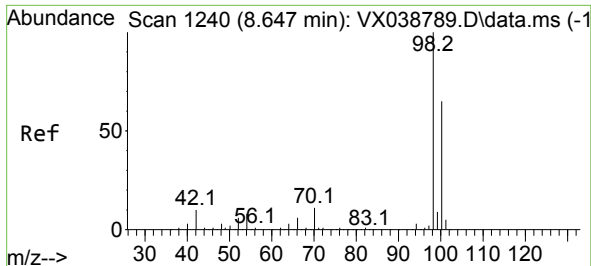
Tgt Ion:117 Resp: 14466
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 3.279 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038854.D
Acq: 16 Nov 2023 21:41

Tgt Ion:130 Resp: 6554
Ion Ratio Lower Upper
130 100
95 104.4 0.0 204.4

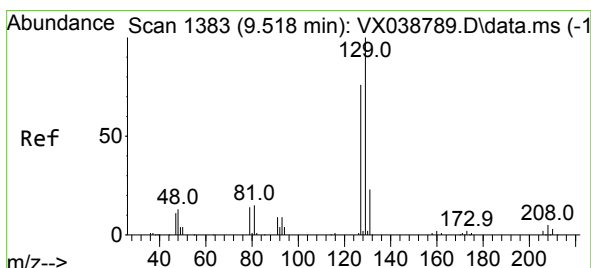
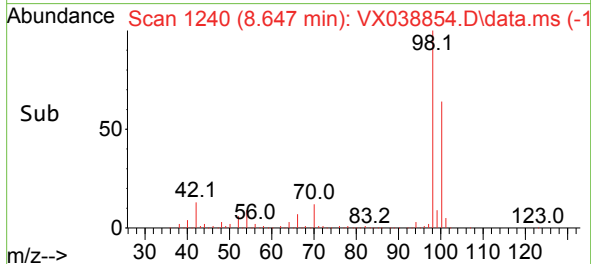
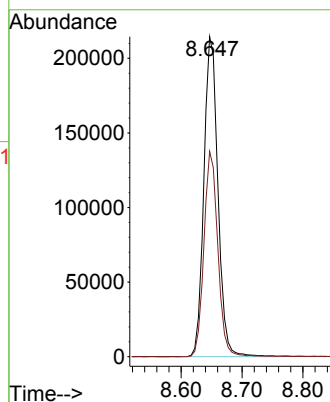
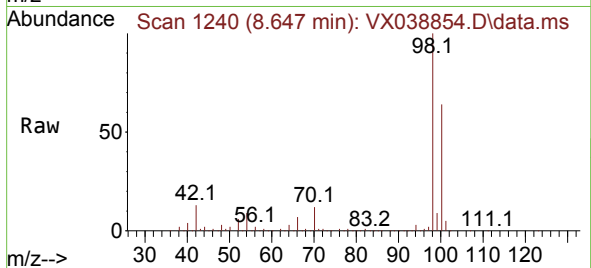




#50
Toluene-d8
Concen: 46.459 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038854.D
Acq: 16 Nov 2023 21:41

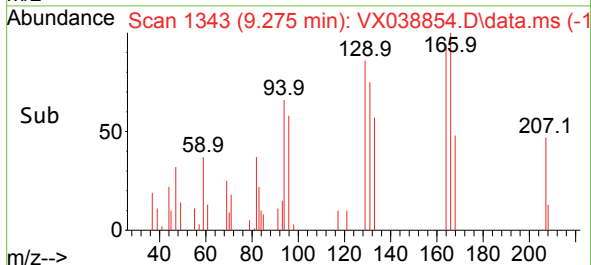
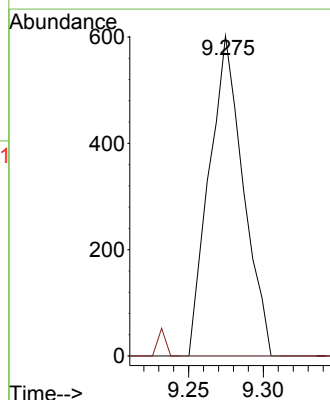
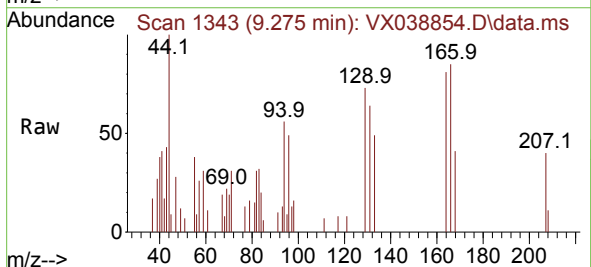
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20231108

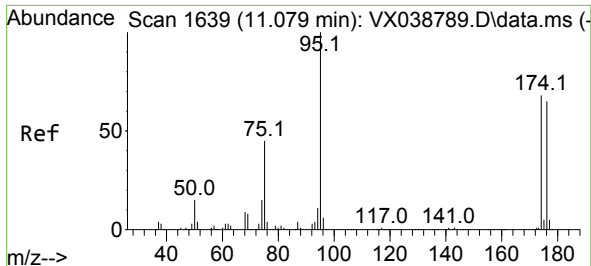
Tgt Ion: 98 Resp: 344373
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#60
Dibromochloromethane
Concen: 0.441 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX038854.D
Acq: 16 Nov 2023 21:41

Tgt Ion: 129 Resp: 953
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

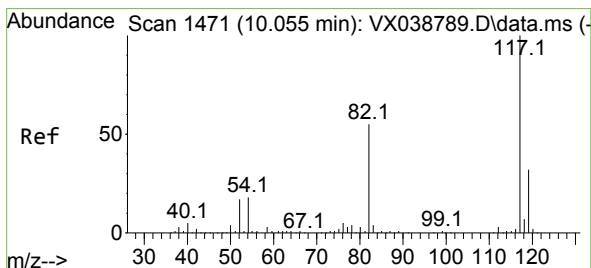
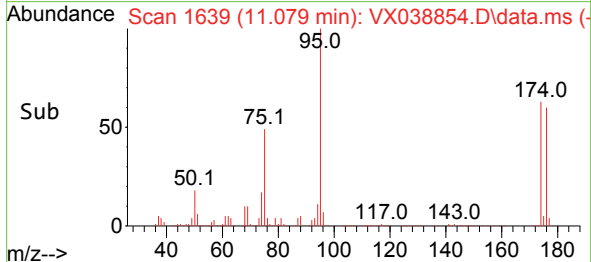
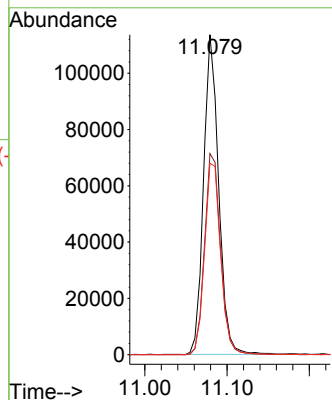
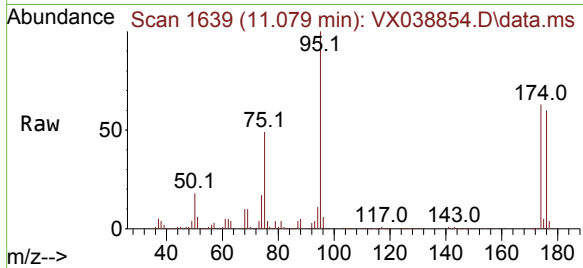




#62
4-Bromofluorobenzene
Concen: 48.778 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038854.D
Acq: 16 Nov 2023 21:41

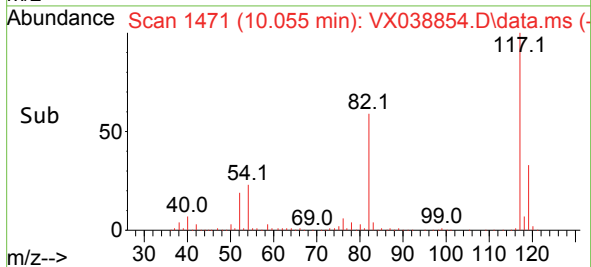
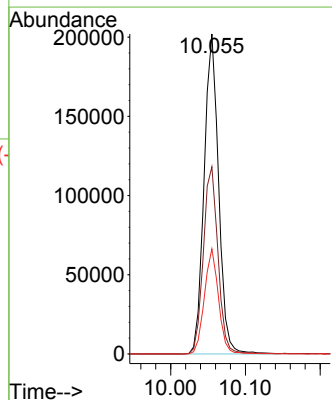
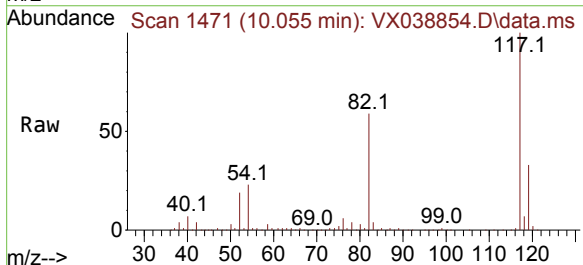
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20231108

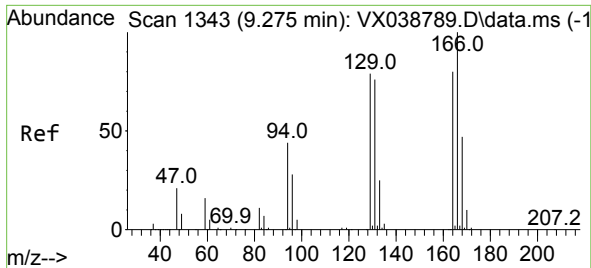
Tgt Ion: 95 Resp: 144734
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.6
176 64.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038854.D
Acq: 16 Nov 2023 21:41

Tgt Ion: 117 Resp: 272243
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 32.8 25.5 38.3



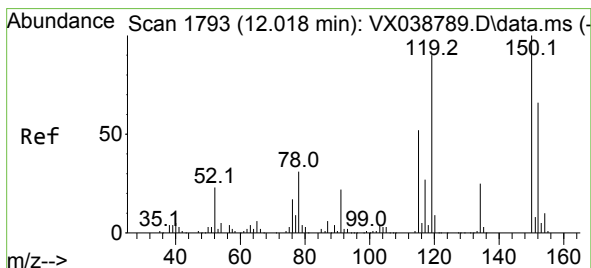
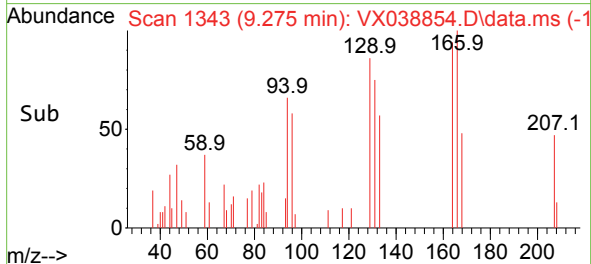
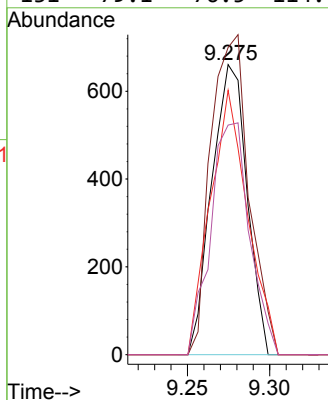
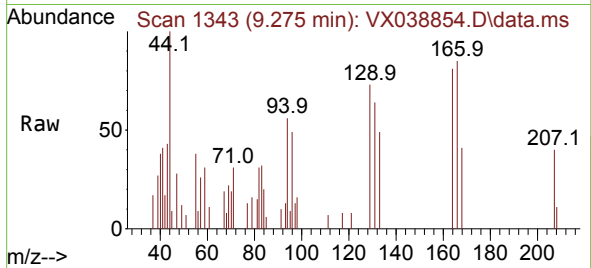


#64
Tetrachloroethene
Concen: 0.583 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038854.D
Acq: 16 Nov 2023 21:41

Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20231108

Tgt Ion:164 Resp: 986

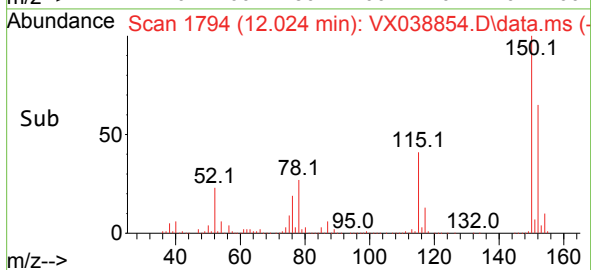
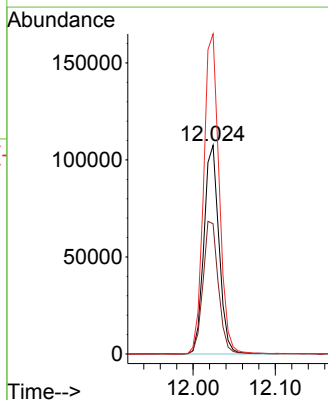
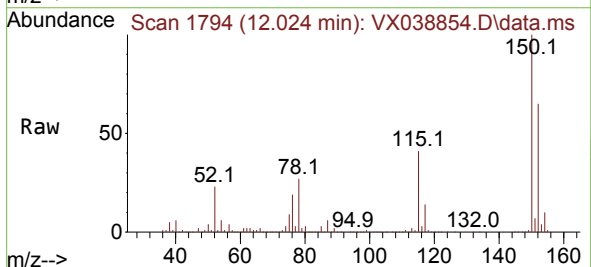
Ion	Ratio	Lower	Upper
164	100		
166	105.9	102.7	154.1
129	91.1	80.4	120.6
131	79.1	76.5	114.7

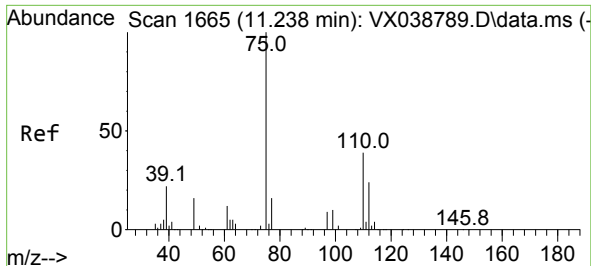


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038854.D
Acq: 16 Nov 2023 21:41

Tgt Ion:152 Resp: 137179

Ion	Ratio	Lower	Upper
152	100		
115	64.8	43.3	129.9
150	157.5	0.0	345.0

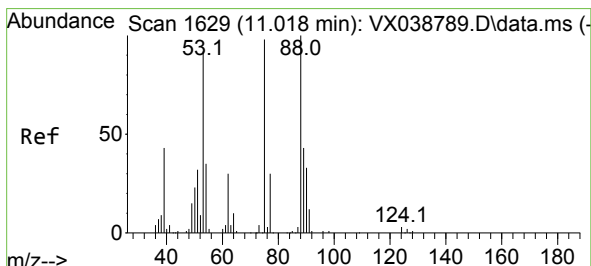
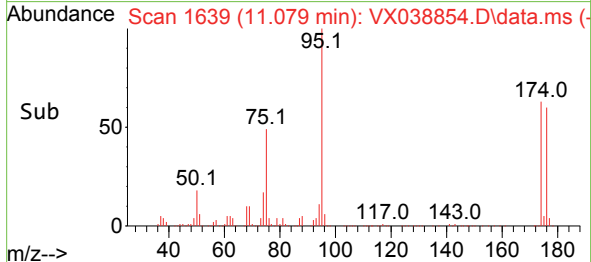
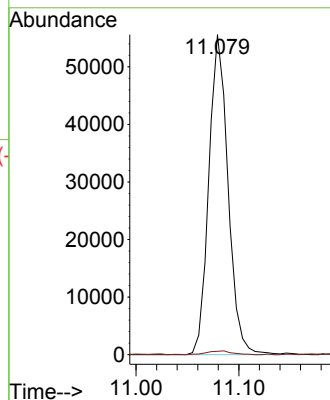
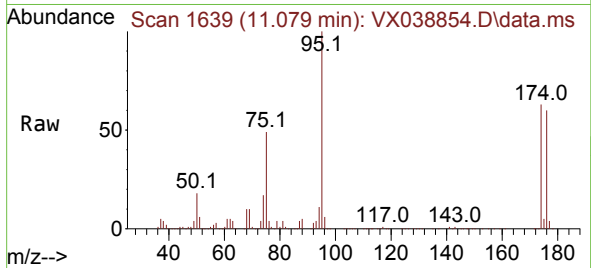




#76
1,2,3-Trichloropropane
Concen: 21.091 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038854.D
Acq: 16 Nov 2023 21:41

Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20231108

Tgt Ion: 75 Resp: 72187
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.783 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038854.D
Acq: 16 Nov 2023 21:41

Tgt Ion: 75 Resp: 72187
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#

