

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038754.D
 Acq On : 11 Nov 2023 03:14
 Operator : JC/MD
 Sample : 05350-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20231107

Quant Time: Nov 11 05:07:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

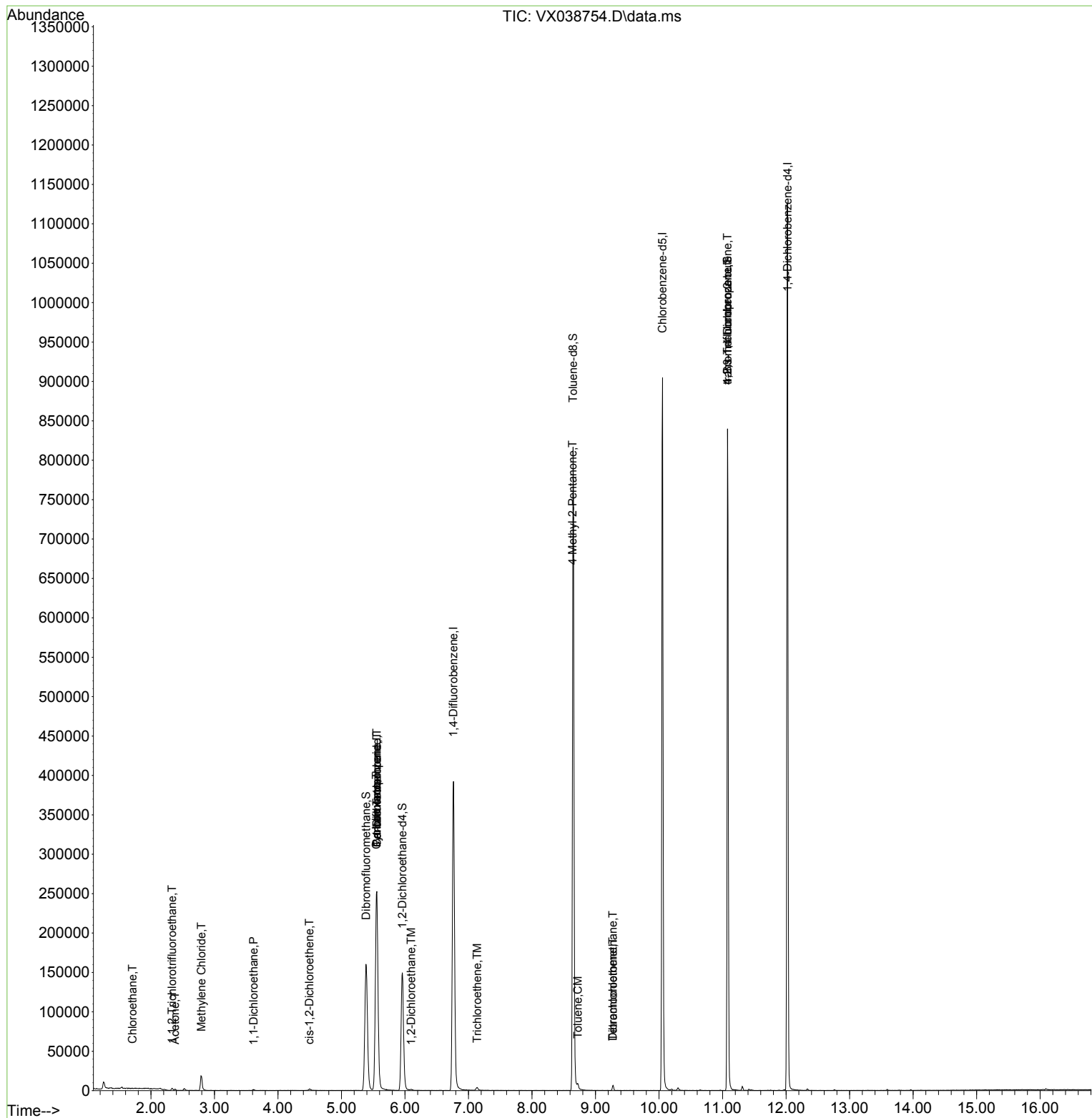
Internal Standards						
1) Pentafluorobenzene	5.556	168	265827	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	441079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	461581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	264896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153372	46.344	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	92.680%	
35) Dibromofluoromethane	5.385	113	144169	45.382	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	90.760%	
50) Toluene-d8	8.647	98	517703	45.541	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	91.080%#	
62) 4-Bromofluorobenzene	11.079	95	225145	51.083	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.160%	
Target Compounds						
						Qvalue
6) Chloroethane	1.709	64	399	0.248	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	1051	0.406	ug/l #	83
16) Acetone	2.379	43	1600	1.148	ug/l #	79
20) Methylene Chloride	2.794	84	10694	3.806	ug/l #	79
24) 1,1-Dichloroethane	3.617	63	1426	0.322	ug/l #	93
27) cis-1,2-Dichloroethene	4.495	96	1181	0.379	ug/l	80
31) Cyclohexane	5.550	56	4144	1.131	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16649	4.219	ug/l #	52
38) Carbon Tetrachloride	5.556	117	25314	5.738	ug/l #	15
42) 1,2-Dichloroethane	6.098	62	1207	0.294	ug/l #	77
44) Trichloroethene	7.135	130	1608	0.455	ug/l	79
51) 4-Methyl-2-Pentanone	8.641	43	1838	0.455	ug/l #	1
52) Toluene	8.720	92	2232	0.300	ug/l	94
60) Dibromochloromethane	9.275	129	744	0.210	ug/l #	11
64) Tetrachloroethene	9.275	164	850	0.246	ug/l #	85
76) 1,2,3-Trichloropropane	11.079	75	107700	20.529	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	107700	62.561	ug/l #	5

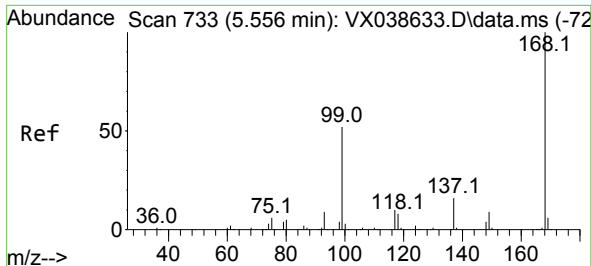
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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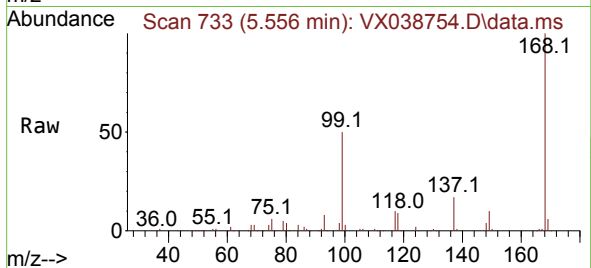
Quant Time: Nov 11 05:07:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
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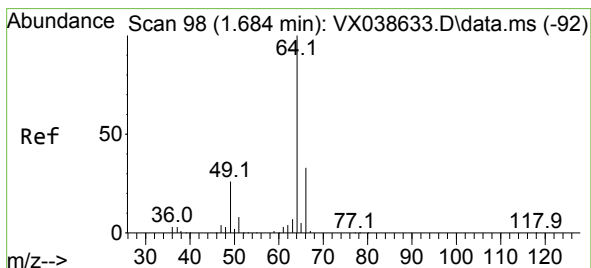
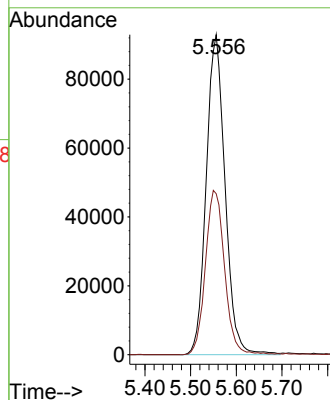
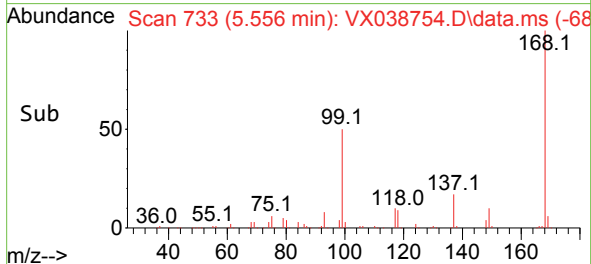


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20231107

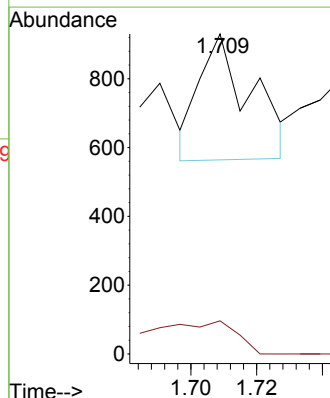
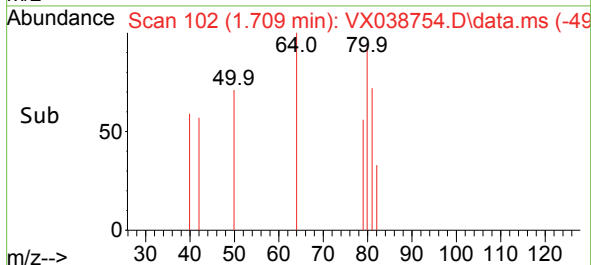
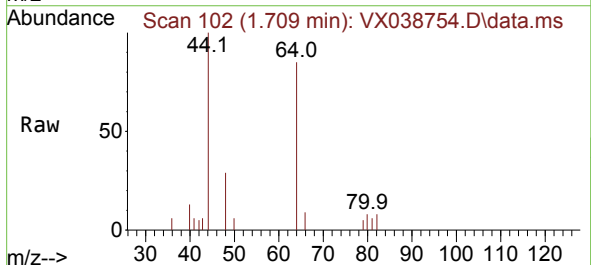


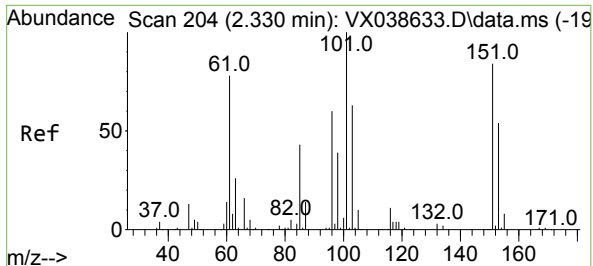
Tgt Ion:168 Resp: 265827
Ion Ratio Lower Upper
168 100
99 50.3 56.6 85.0#



#6
Chloroethane
Concen: 0.248 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.025 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

Tgt Ion: 64 Resp: 399
Ion Ratio Lower Upper
64 100
66 34.3 25.1 37.7

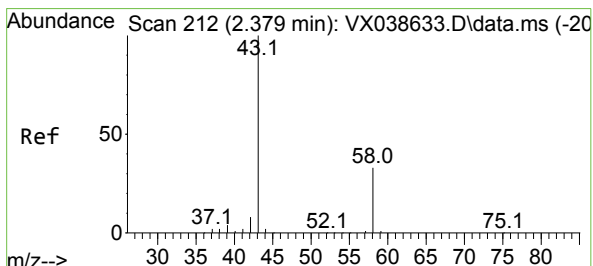
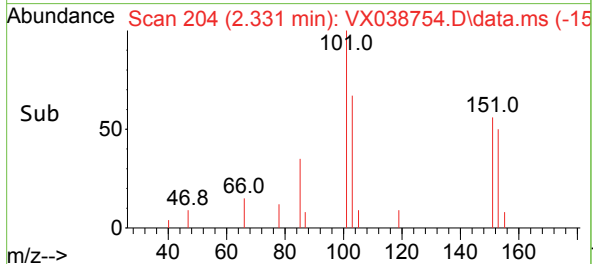
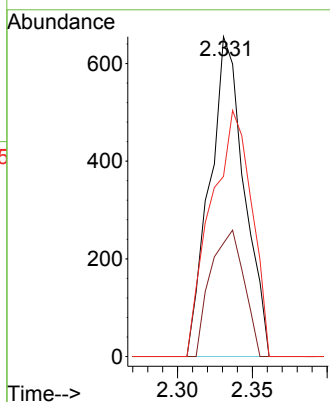
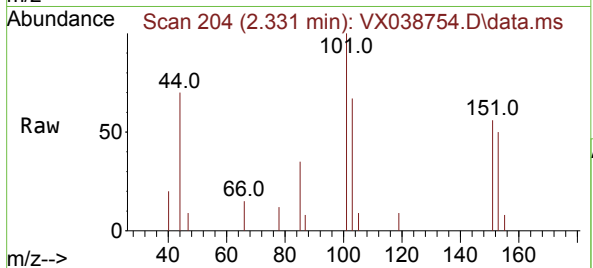




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.406 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

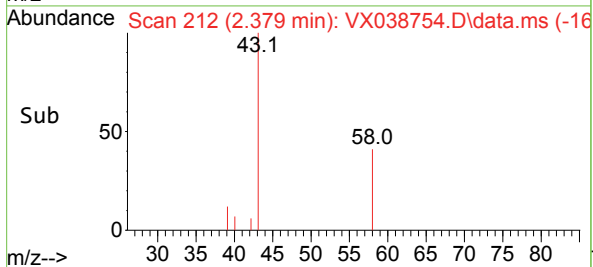
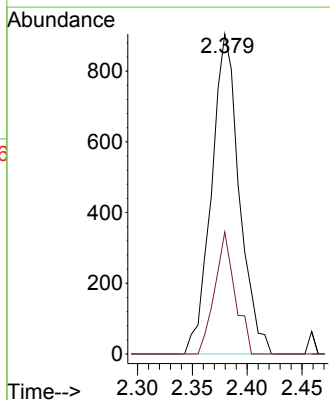
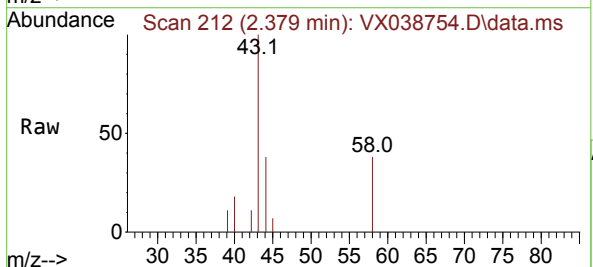
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20231107

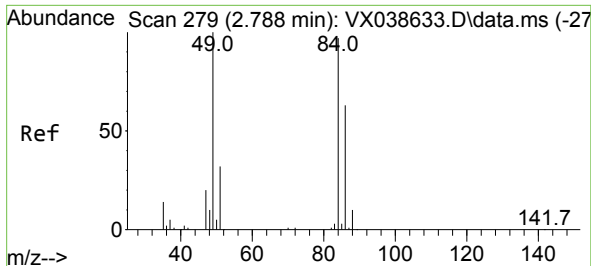
Tgt Ion:101 Resp: 1051
Ion Ratio Lower Upper
101 100
85 38.2 37.0 55.6
151 90.7 58.6 87.8#



#16
Acetone
Concen: 1.148 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

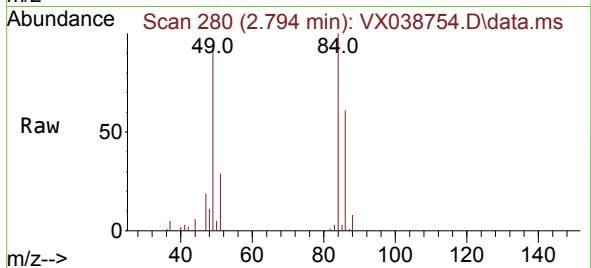
Tgt Ion: 43 Resp: 1600
Ion Ratio Lower Upper
43 100
58 38.1 21.9 32.9#



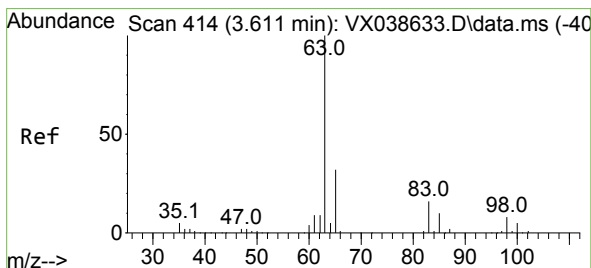
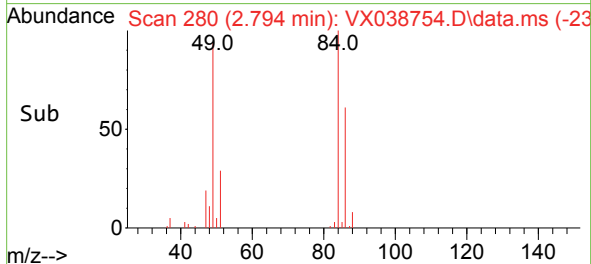
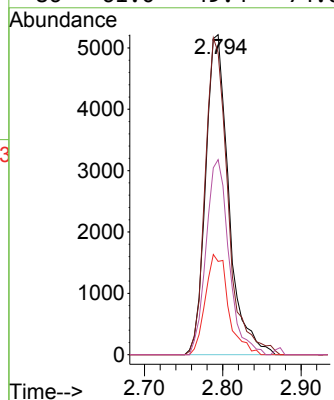


#20
Methylene Chloride
Concen: 3.806 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20231107

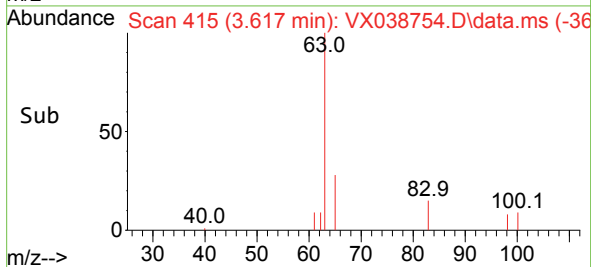
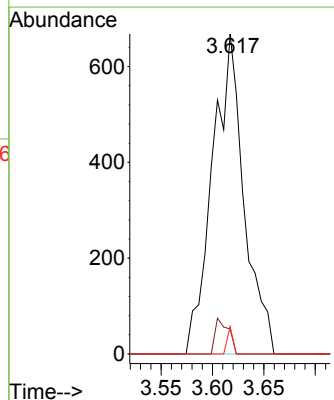
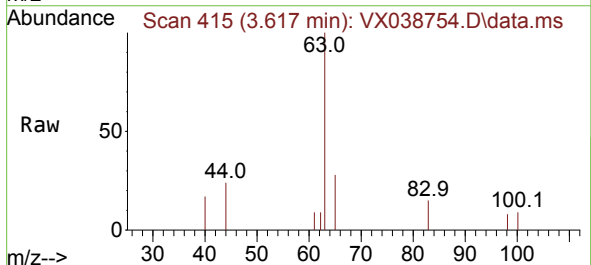


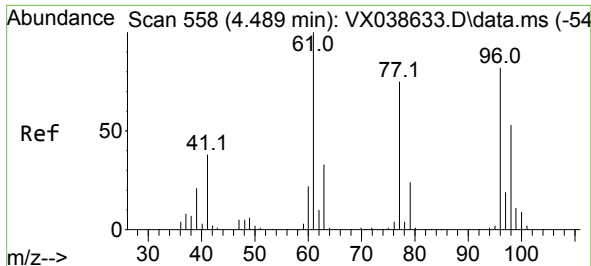
Tgt Ion:	84	Resp:	10694
Ion	Ratio	Lower	Upper
84	100		
49	94.4	103.6	155.4#
51	29.1	33.8	50.6#
86	61.0	49.4	74.0



#24
1,1-Dichloroethane
Concen: 0.322 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

Tgt Ion:	63	Resp:	1426
Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.3	9.8
100	8.5	2.1	6.5#





#27

cis-1,2-Dichloroethene

Concen: 0.379 ug/l

RT: 4.495 min Scan# 511

Delta R.T. 0.006 min

Lab File: VX038754.D

Acq: 11 Nov 2023 03:14

Instrument :

MSVOA_X

ClientSampleId :

RE117D2-20231107

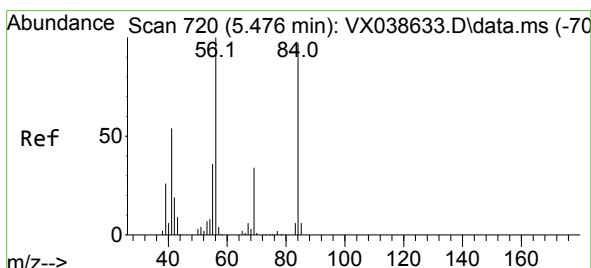
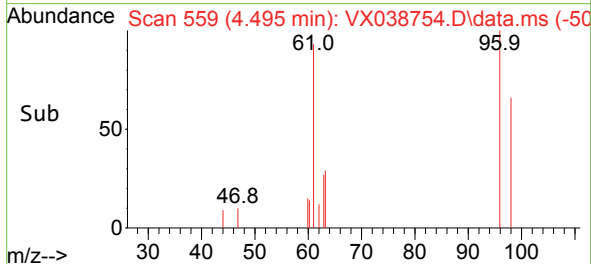
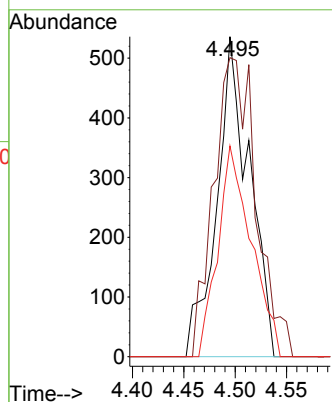
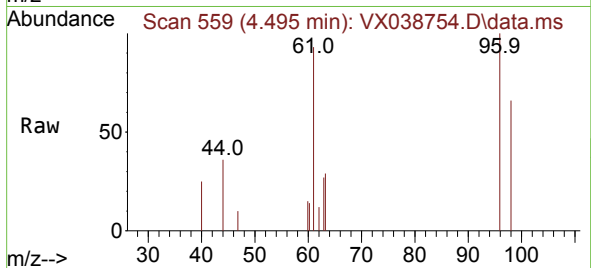
Tgt Ion: 96 Resp: 1181

Ion Ratio Lower Upper

96 100

61 121.5 0.0 312.2

98 67.4 0.0 129.0



#31

Cyclohexane

Concen: 1.131 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX038754.D

Acq: 11 Nov 2023 03:14

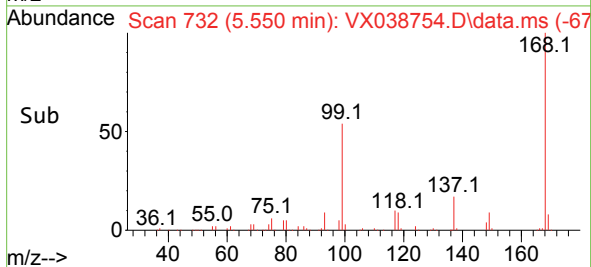
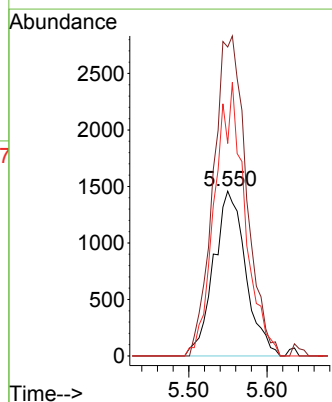
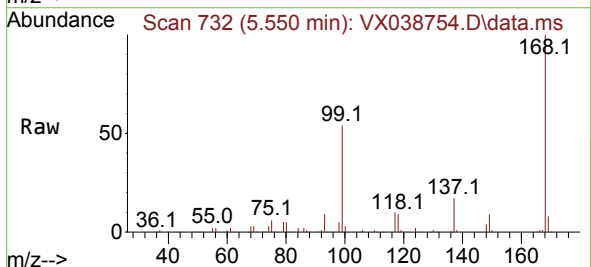
Tgt Ion: 56 Resp: 4144

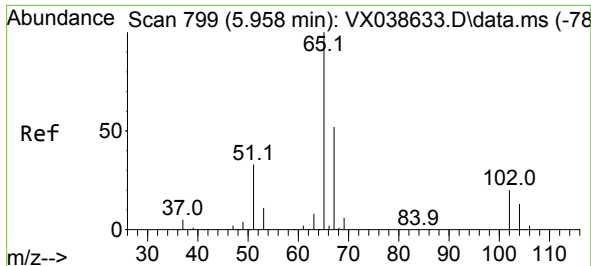
Ion Ratio Lower Upper

56 100

69 187.6 23.4 35.2#

84 128.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.344 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038754.D

Acq: 11 Nov 2023 03:14

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MSVOA_X

ClientSampleId :

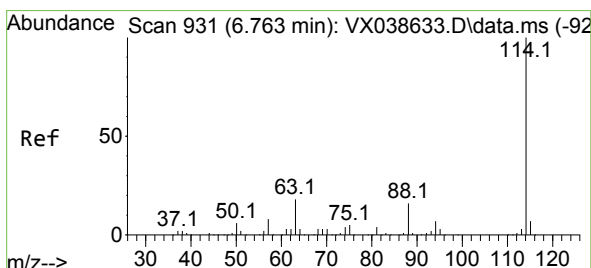
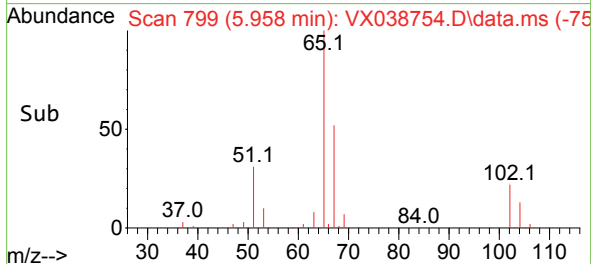
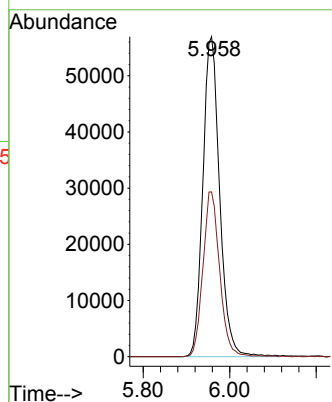
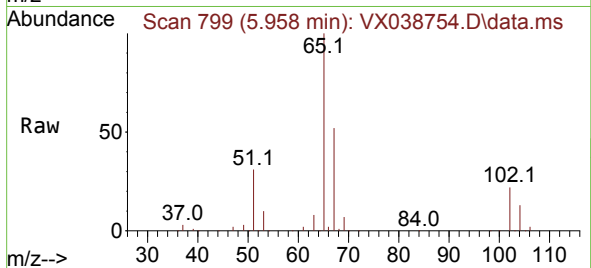
RE117D2-20231107

Tgt Ion: 65 Resp: 153372

Ion Ratio Lower Upper

65 100

67 51.1 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: VX038754.D

Acq: 11 Nov 2023 03:14

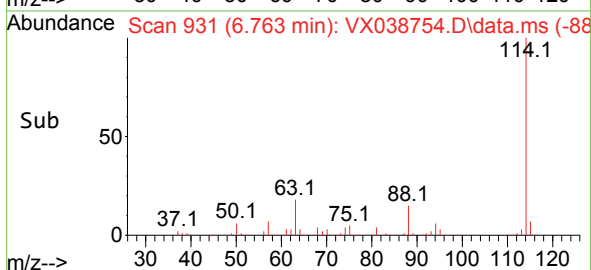
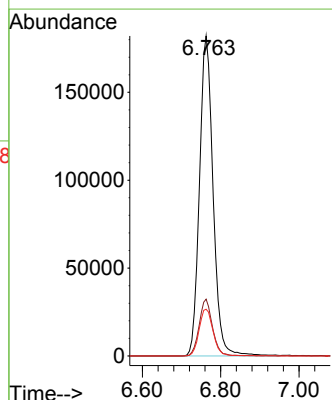
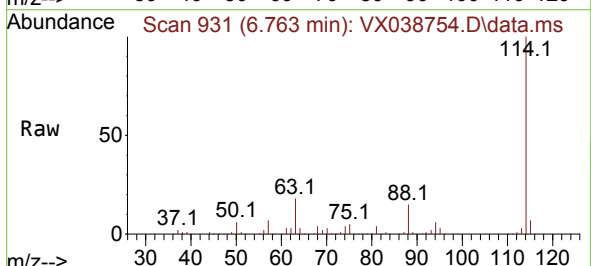
Tgt Ion: 114 Resp: 441079

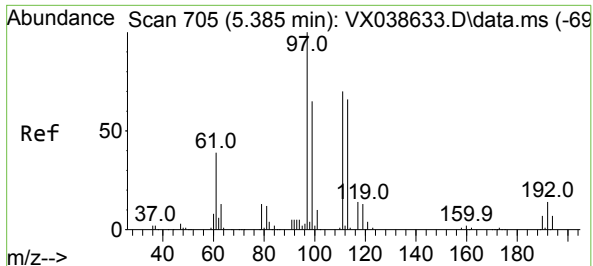
Ion Ratio Lower Upper

114 100

63 17.8 0.0 45.0

88 14.6 0.0 36.6

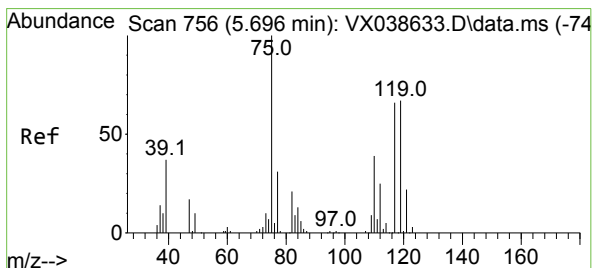
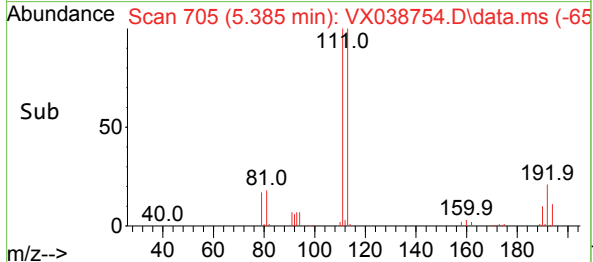
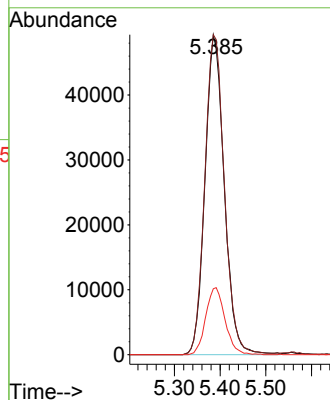
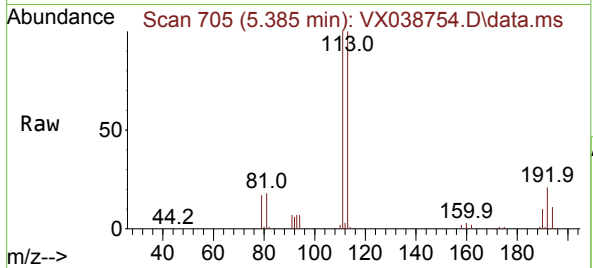




#35
Dibromofluoromethane
Concen: 45.382 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

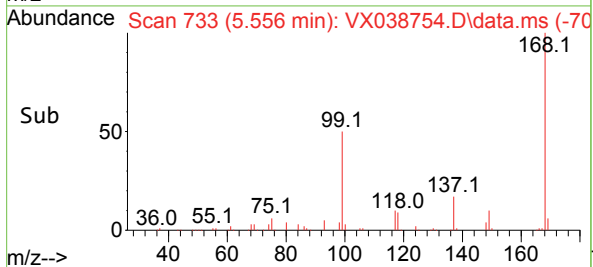
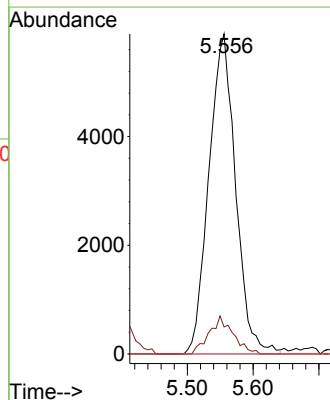
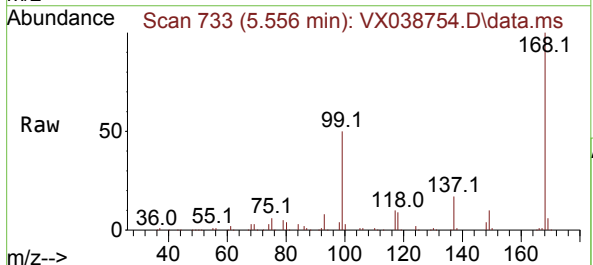
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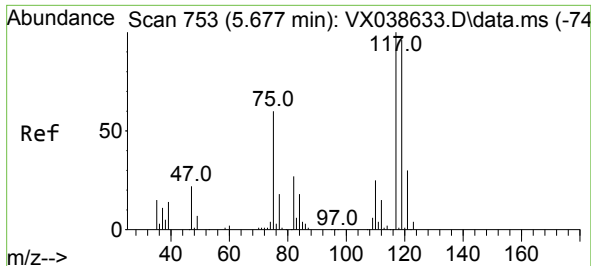
Tgt Ion:113 Resp: 144169
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 21.0 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.219 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

Tgt Ion: 75 Resp: 16649
Ion Ratio Lower Upper
75 100
110 10.5 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.738 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX038754.D

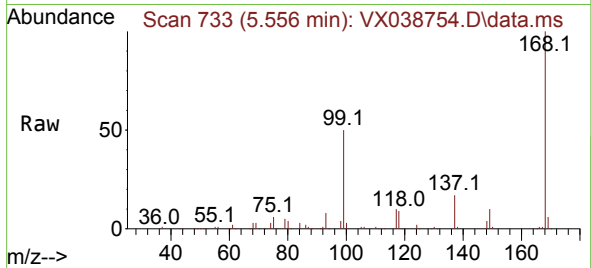
Acq: 11 Nov 2023 03:14

Instrument :

MSVOA_X

ClientSampleId :

RE117D2-20231107



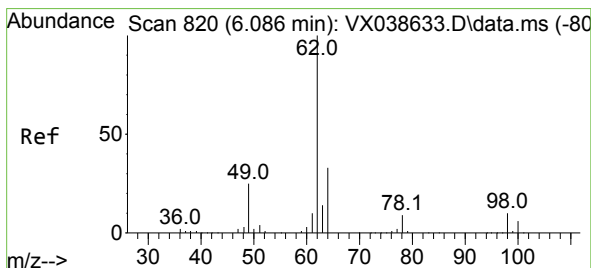
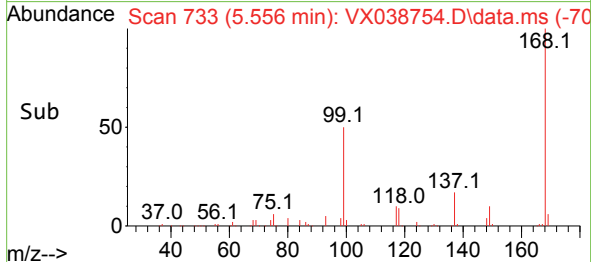
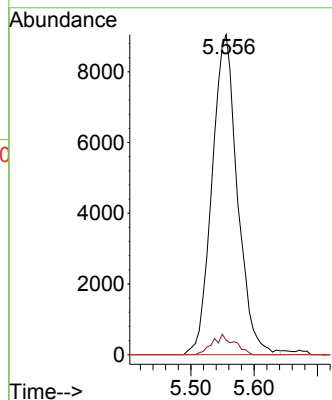
Tgt Ion:117 Resp: 25314

Ion Ratio Lower Upper

117 100

119 4.5 78.2 117.2#

121 0.0 24.4 36.6#



#42

1,2-Dichloroethane

Concen: 0.294 ug/l

RT: 6.098 min Scan# 822

Delta R.T. 0.012 min

Lab File: VX038754.D

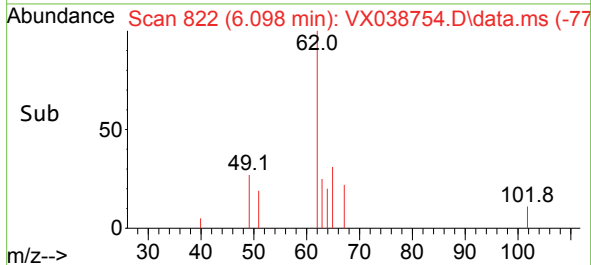
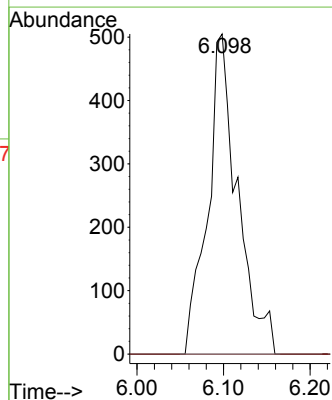
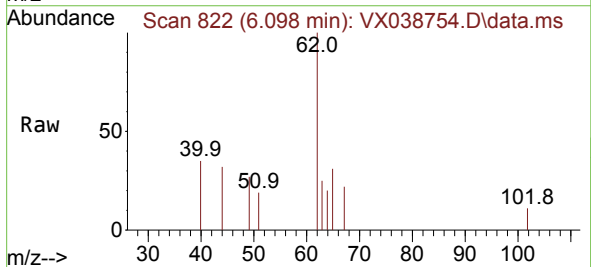
Acq: 11 Nov 2023 03:14

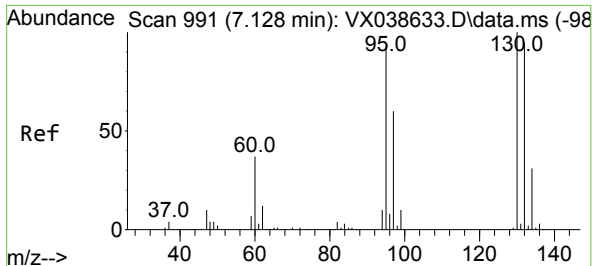
Tgt Ion: 62 Resp: 1207

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0

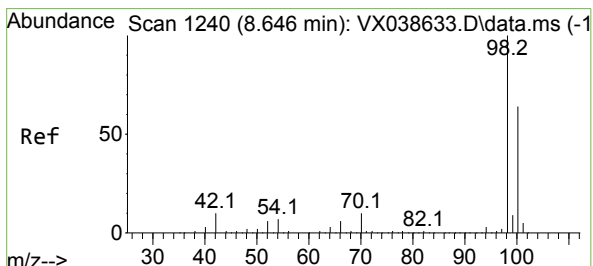
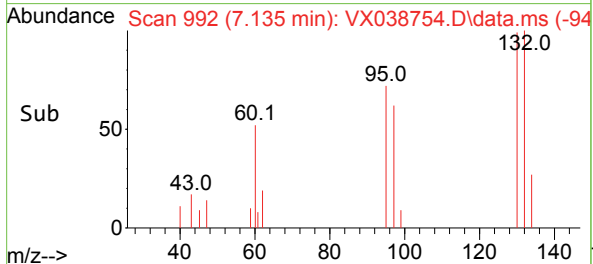
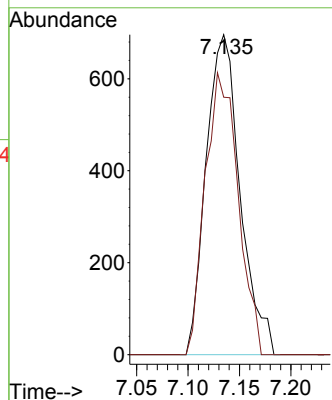
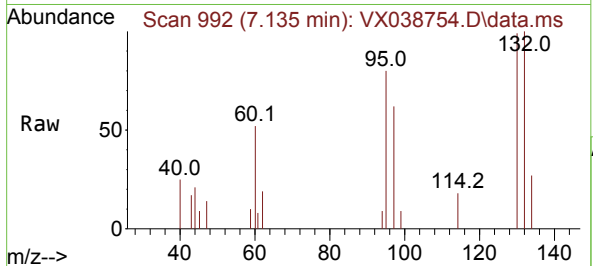




#44
Trichloroethene
Concen: 0.455 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

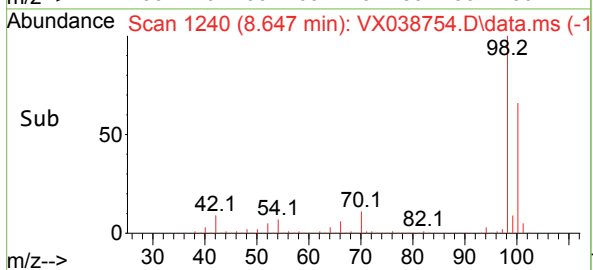
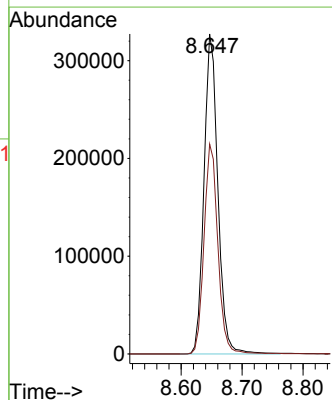
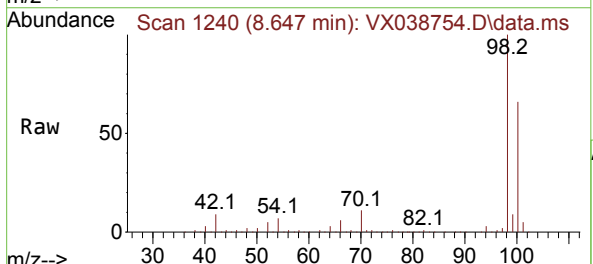
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20231107

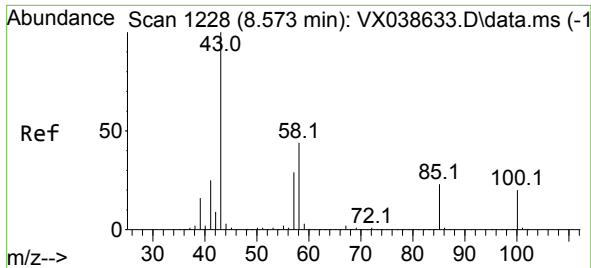
Tgt Ion:130 Resp: 1608
Ion Ratio Lower Upper
130 100
95 80.5 0.0 204.4



#50
Toluene-d8
Concen: 45.541 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

Tgt Ion: 98 Resp: 517703
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

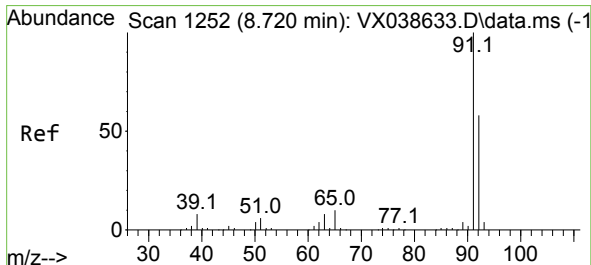
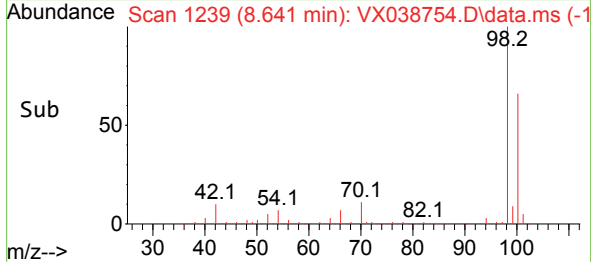
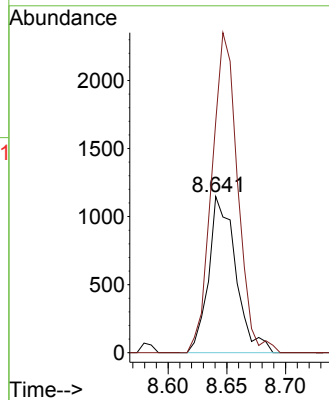
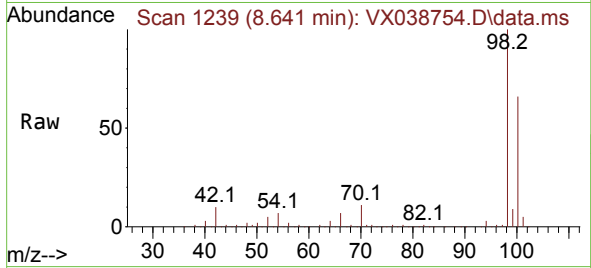




#51
4-Methyl-2-Pentanone
Concen: 0.455 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

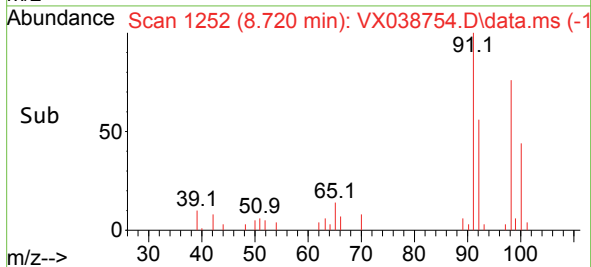
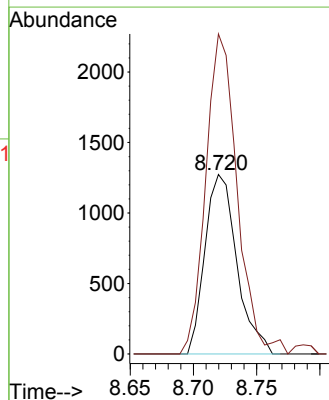
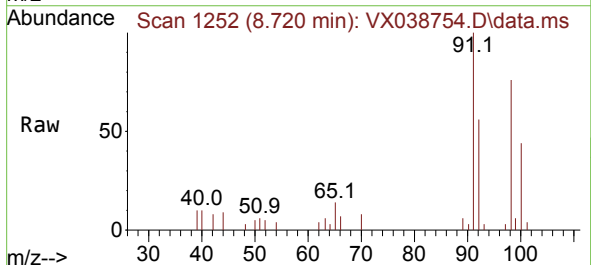
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20231107

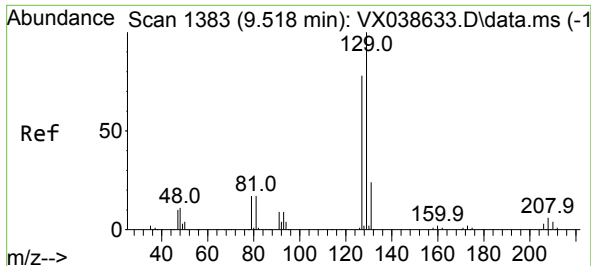
Tgt Ion: 43 Resp: 1838
Ion Ratio Lower Upper
43 100
58 195.8 30.4 45.6#



#52
Toluene
Concen: 0.300 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

Tgt Ion: 92 Resp: 2232
Ion Ratio Lower Upper
92 100
91 175.4 134.2 201.2

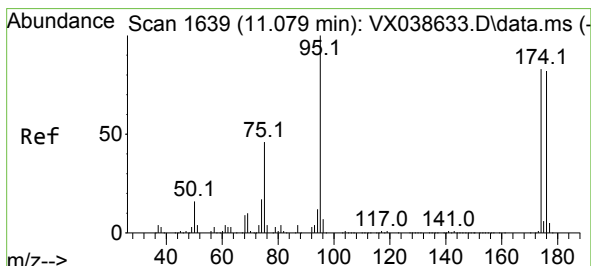
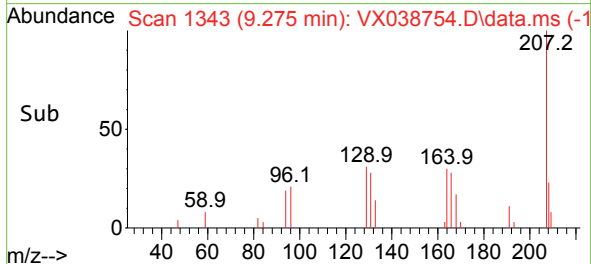
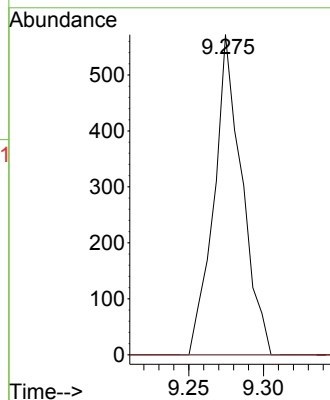
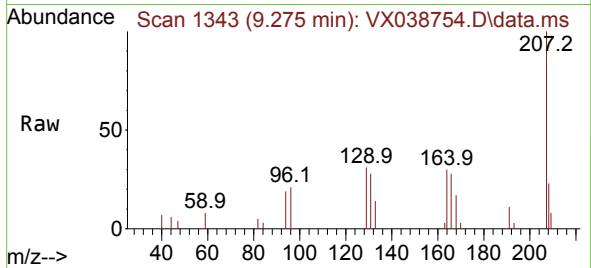




#60
Dibromochloromethane
Concen: 0.210 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

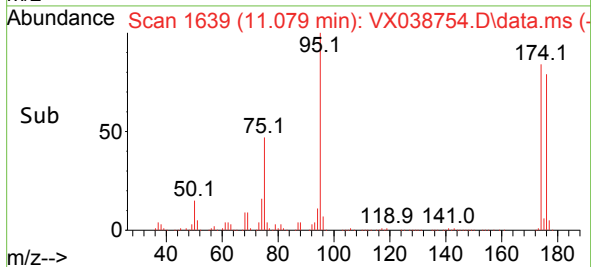
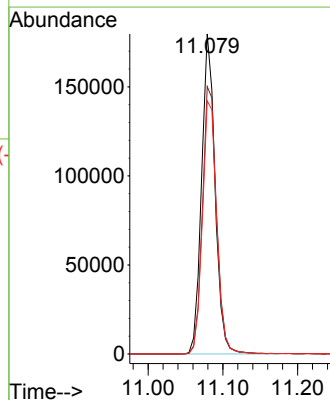
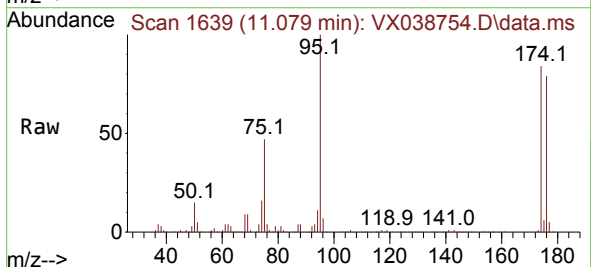
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20231107

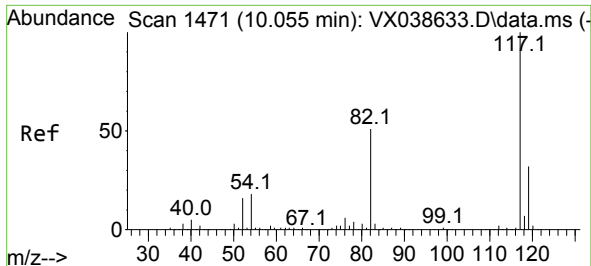
Tgt Ion:129 Resp: 744
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 51.083 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

Tgt Ion: 95 Resp: 225145
Ion Ratio Lower Upper
95 100
174 88.4 0.0 135.6
176 84.0 0.0 131.0

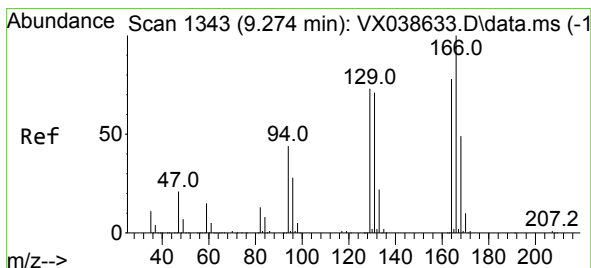
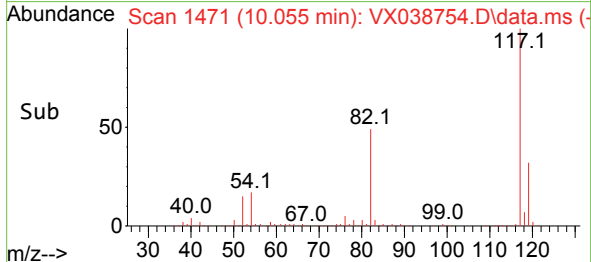
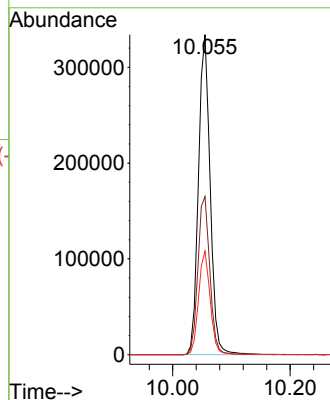
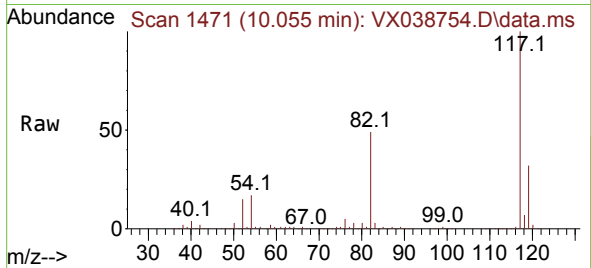




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

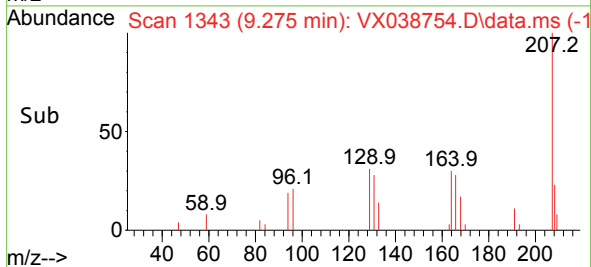
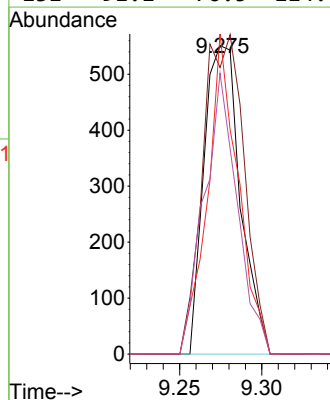
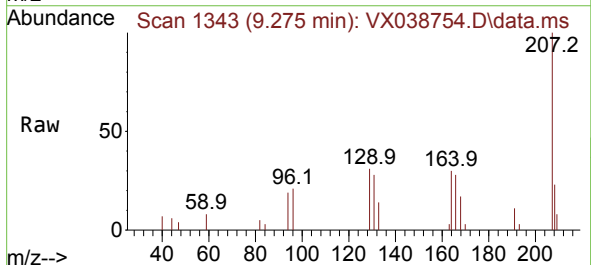
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20231107

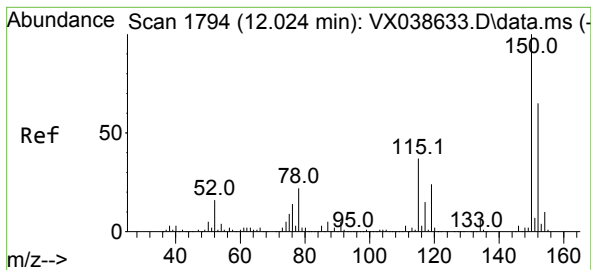
Tgt Ion:117 Resp: 461581
Ion Ratio Lower Upper
117 100
82 49.4 46.2 69.4
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 0.246 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

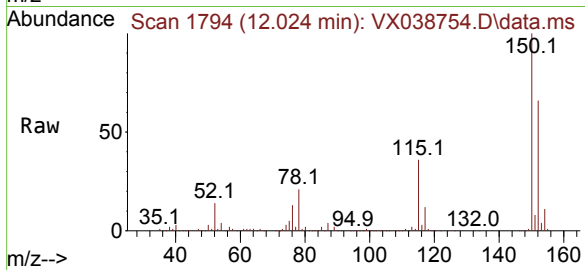
Tgt Ion:164 Resp: 850
Ion Ratio Lower Upper
164 100
166 92.9 102.7 154.1#
129 103.8 80.4 120.6
131 91.1 76.5 114.7



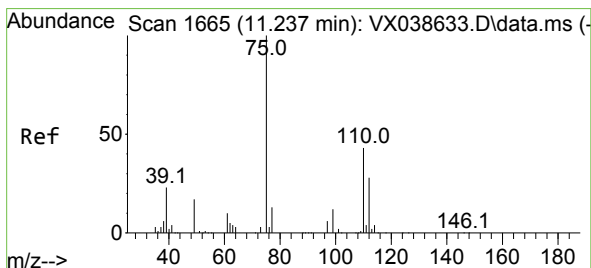
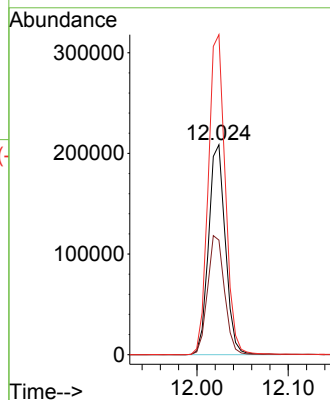
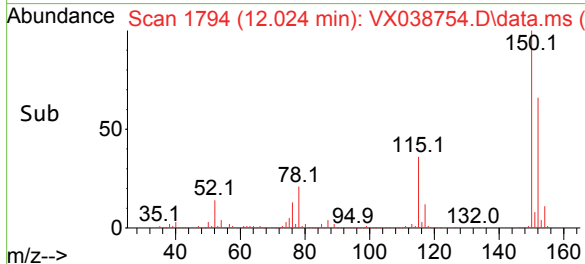


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038754.D
 Acq: 11 Nov 2023 03:14

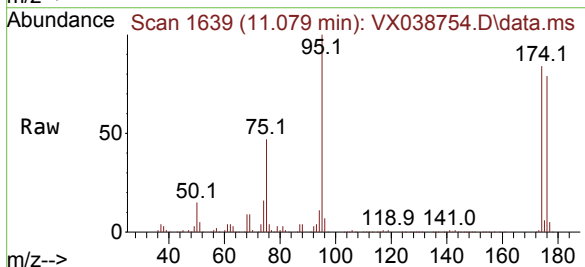
Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20231107



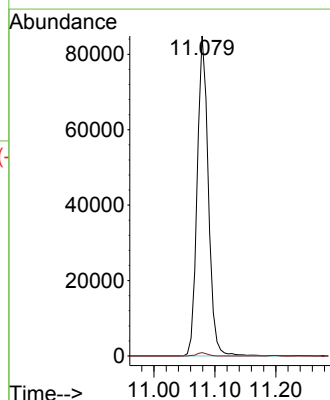
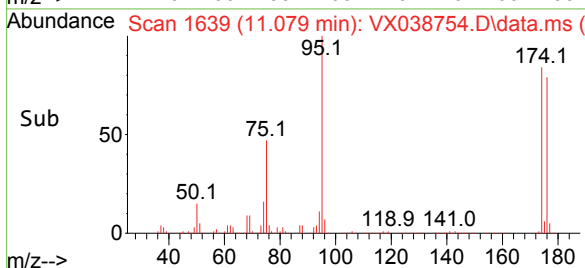
Tgt Ion:152 Resp: 264896
 Ion Ratio Lower Upper
 152 100
 115 57.5 43.3 129.9
 150 155.3 0.0 345.0

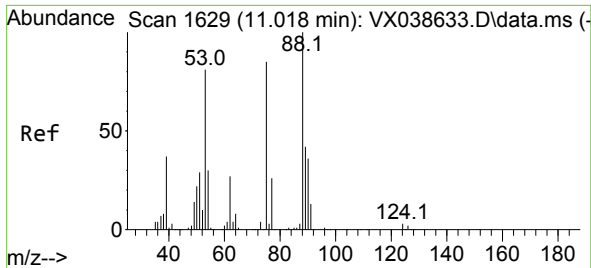


#76
 1,2,3-Trichloropropane
 Concen: 20.529 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038754.D
 Acq: 11 Nov 2023 03:14



Tgt Ion: 75 Resp: 107700
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.561 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX038754.D
Acq: 11 Nov 2023 03:14

Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20231107

Tgt Ion: 75 Resp: 107700
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

