

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038953.D
 Acq On : 20 Nov 2023 13:10
 Operator : JC/MD
 Sample : 05404-30DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20231110DL

Quant Time: Nov 21 00:18:54 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)

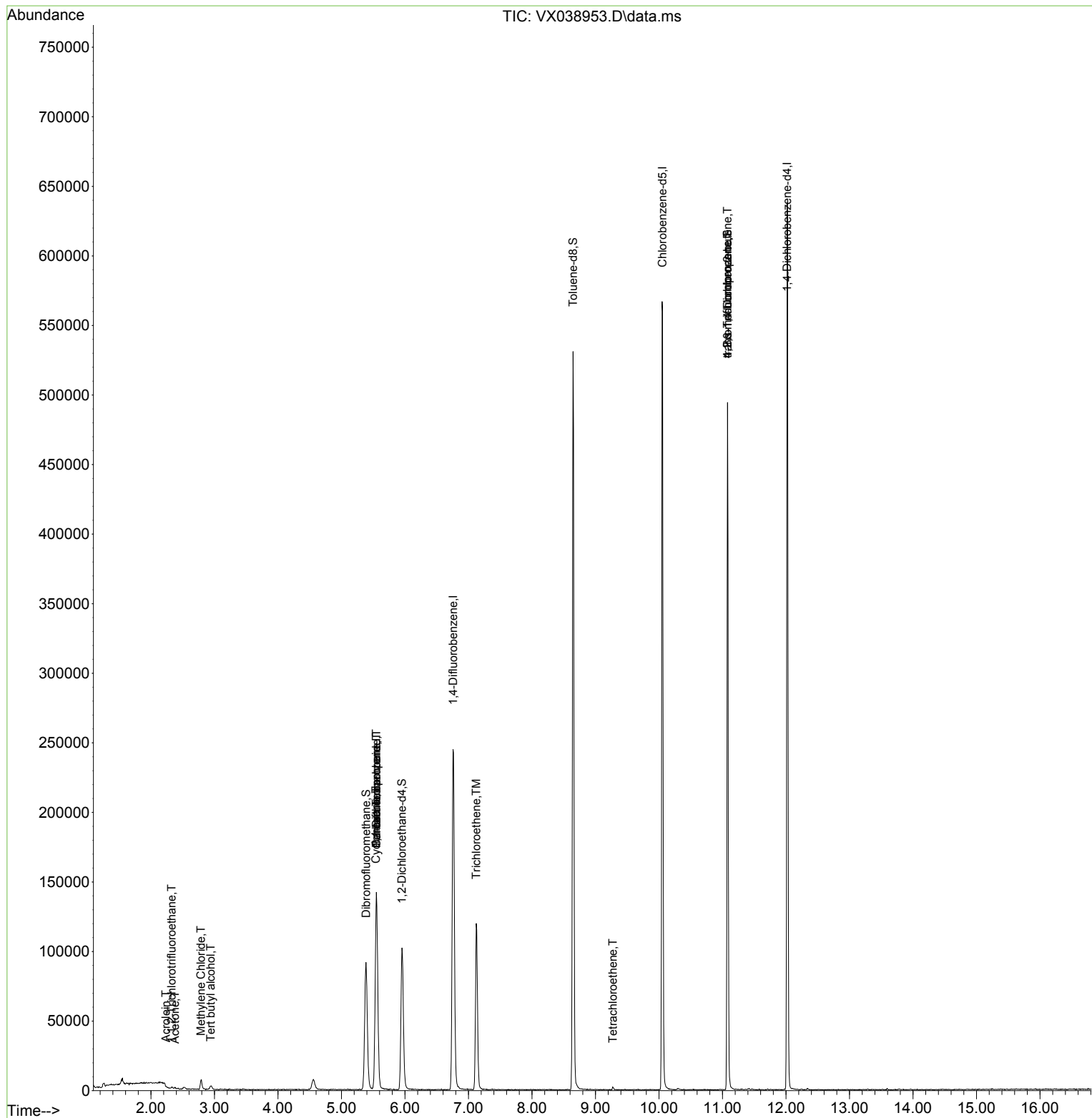
Internal Standards						
1) Pentafluorobenzene	5.550	168	125377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	251078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	128284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97326	48.175	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.360%
35) Dibromofluoromethane	5.385	113	80517	44.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.800%
50) Toluene-d8	8.647	98	317648	45.784	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.560%#
62) 4-Bromofluorobenzene	11.079	95	136323	49.085	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.160%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	317	0.205	ug/l #	74
11) Tert butyl alcohol	2.941	59	1884	3.353	ug/l #	86
13) Acrolein	2.233	56	222	0.747	ug/l #	49
16) Acetone	2.380	43	585	0.544	ug/l #	75
20) Methylene Chloride	2.788	84	2930	1.511	ug/l	83
31) Cyclohexane	5.544	56	3469	1.203	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11658	4.486	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13877	5.777	ug/l #	16
44) Trichloroethene	7.123	130	44150	23.596	ug/l	95
64) Tetrachloroethene	9.275	164	358	0.224	ug/l #	79
76) 1,2,3-Trichloropropane	11.079	75	71567	22.360	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	71567	49.597	ug/l #	5

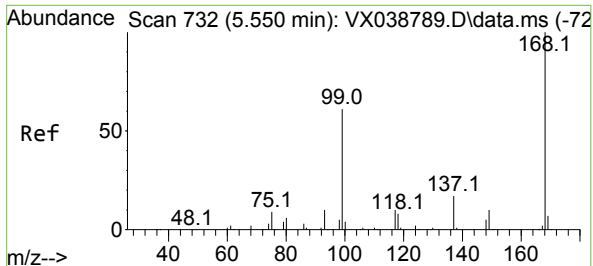
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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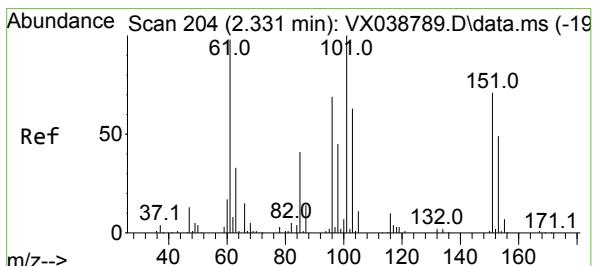
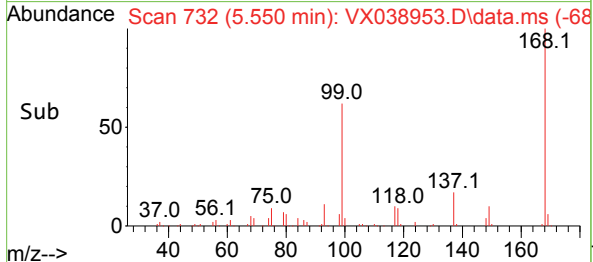
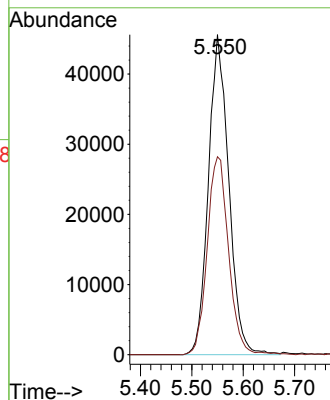
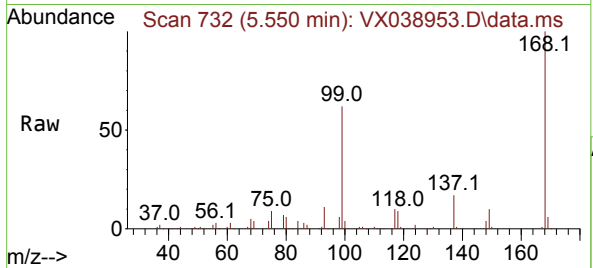




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

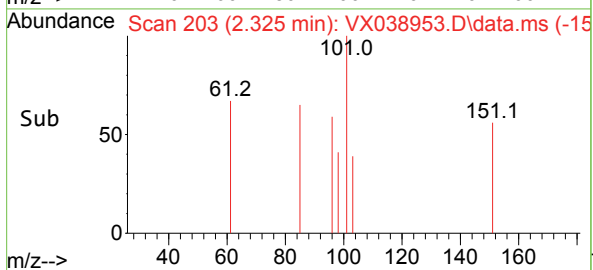
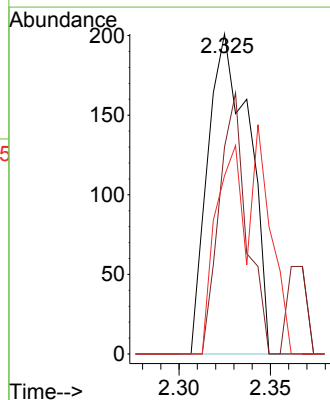
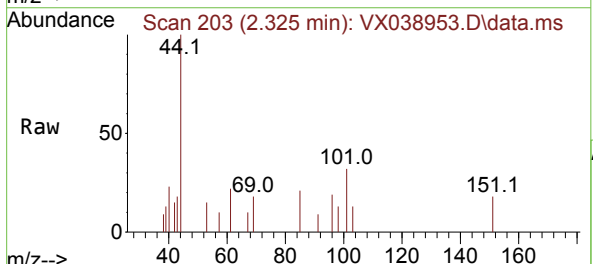
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20231110DL

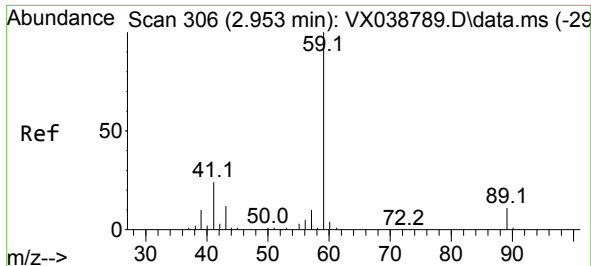
Tgt Ion:168 Resp: 125377
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.205 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

Tgt Ion:101 Resp: 317
Ion Ratio Lower Upper
101 100
85 53.9 37.0 55.6
151 44.2 58.6 87.8#

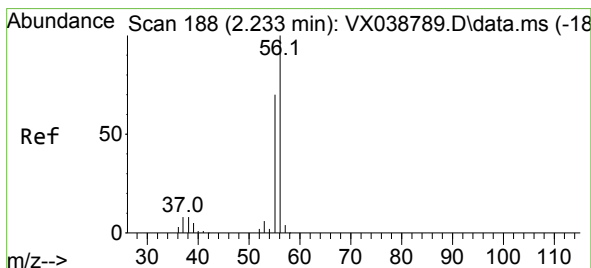
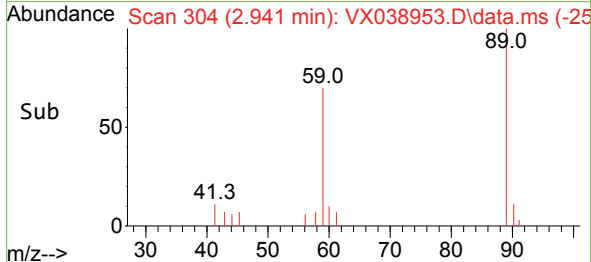
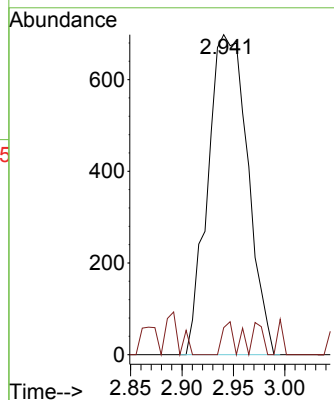
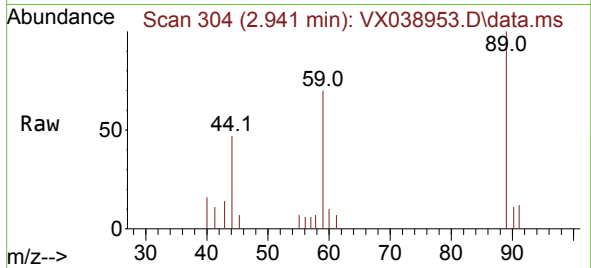




#11
Tert butyl alcohol
Concen: 3.353 ug/l
RT: 2.941 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

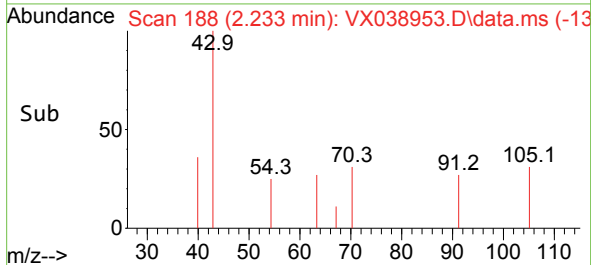
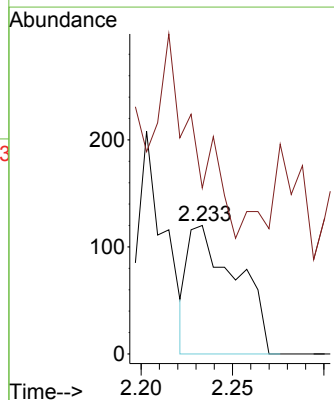
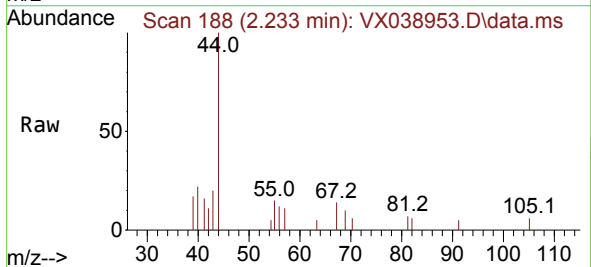
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20231110DL

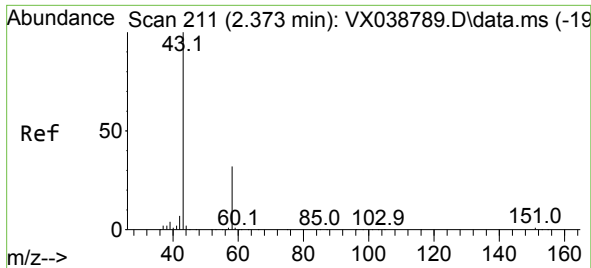
Tgt Ion: 59 Resp: 1884
Ion Ratio Lower Upper
59 100
57 2.5 6.0 9.0#



#13
Acrolein
Concen: 0.747 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

Tgt Ion: 56 Resp: 222
Ion Ratio Lower Upper
56 100
55 114.0 57.1 85.7#





#16

Acetone

Concen: 0.544 ug/l

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX038953.D

Acq: 20 Nov 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

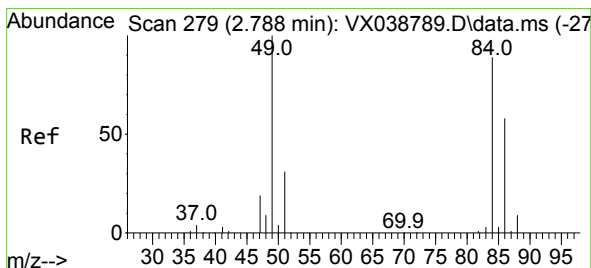
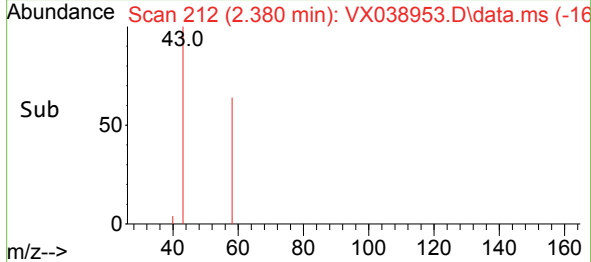
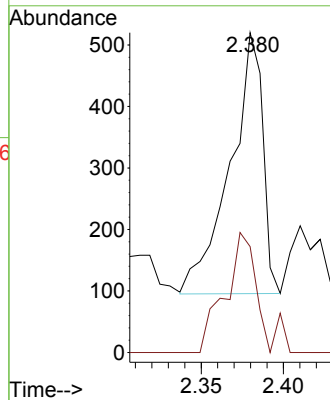
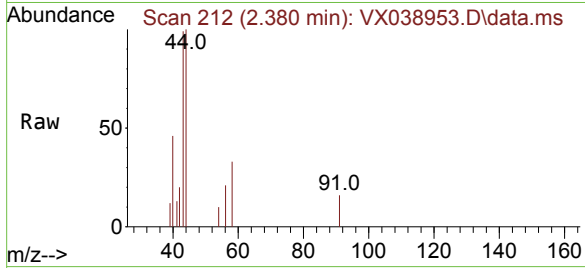
RE122D1-20231110DL

Tgt Ion: 43 Resp: 585

Ion Ratio Lower Upper

43 100

58 40.6 21.9 32.9#



#20

Methylene Chloride

Concen: 1.511 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038953.D

Acq: 20 Nov 2023 13:10

Tgt Ion: 84 Resp: 2930

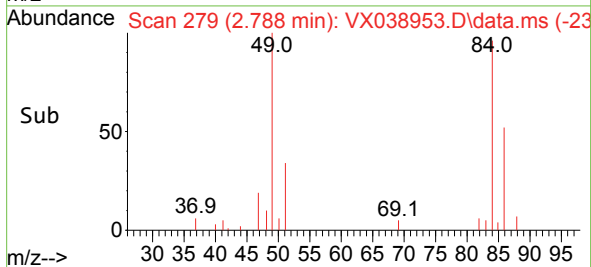
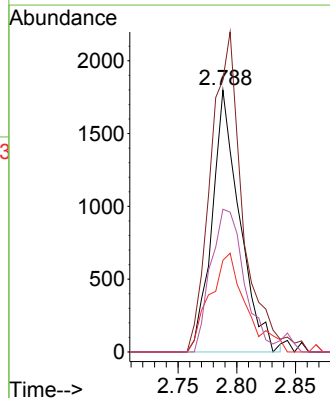
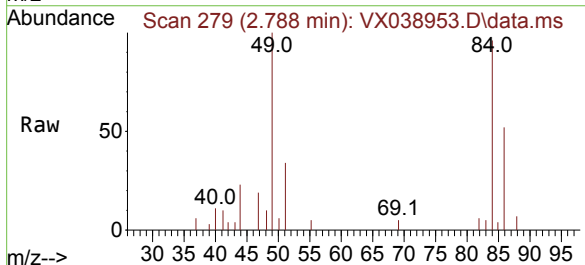
Ion Ratio Lower Upper

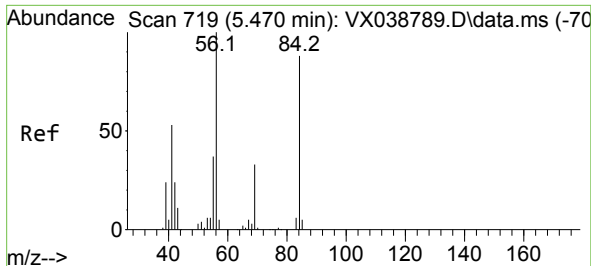
84 100

49 103.9 103.6 155.4

51 35.0 33.8 50.6

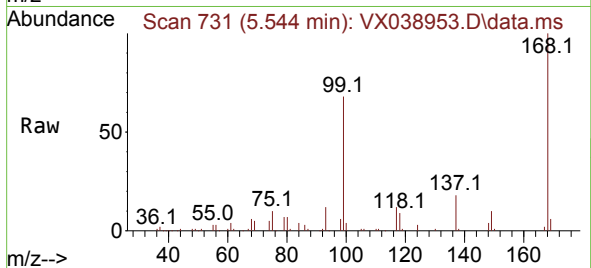
86 54.5 49.4 74.0



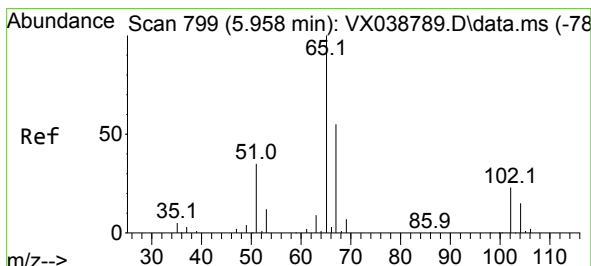
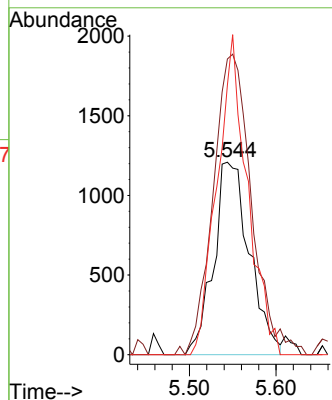
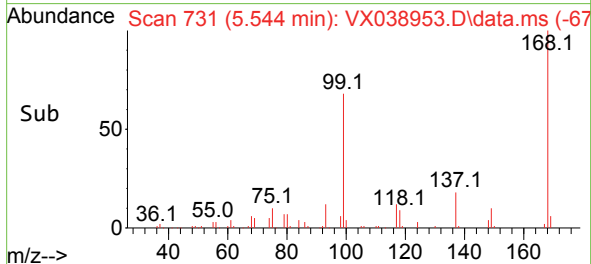


#31
Cyclohexane
Concen: 1.203 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20231110DL

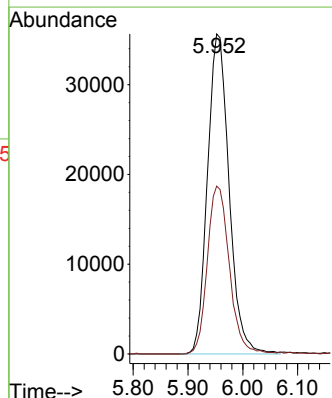
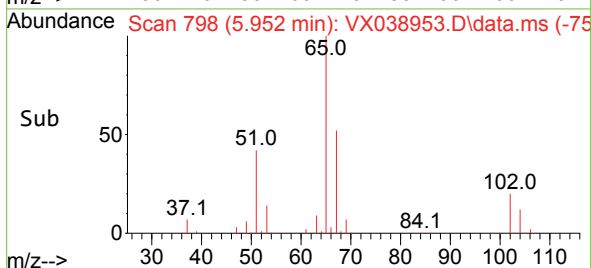
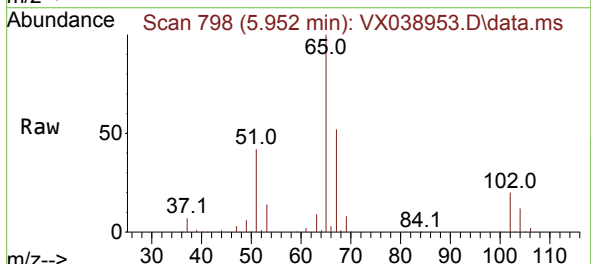


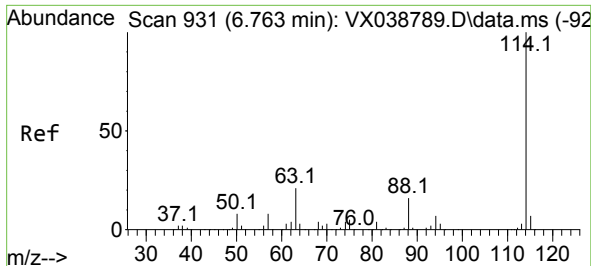
Tgt Ion: 56 Resp: 3469
Ion Ratio Lower Upper
56 100
69 149.1 23.4 35.2#
84 140.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.175 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

Tgt Ion: 65 Resp: 97326
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2

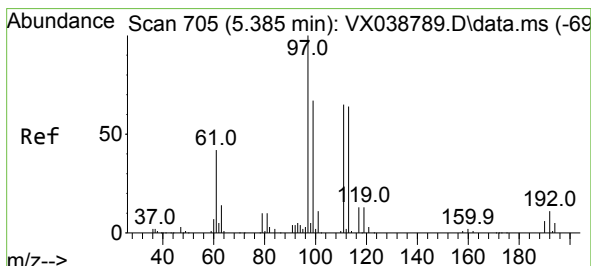
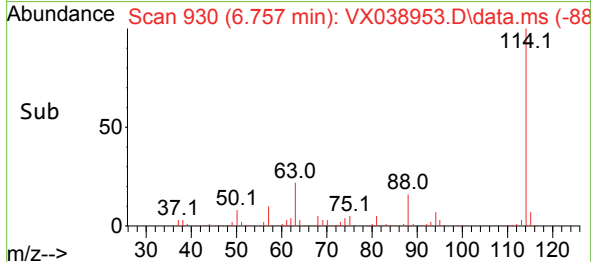
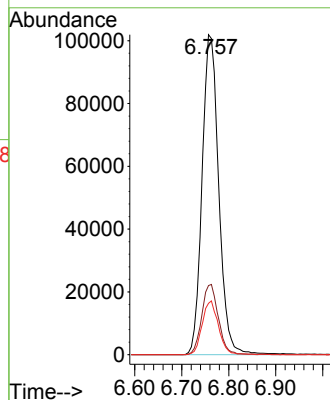
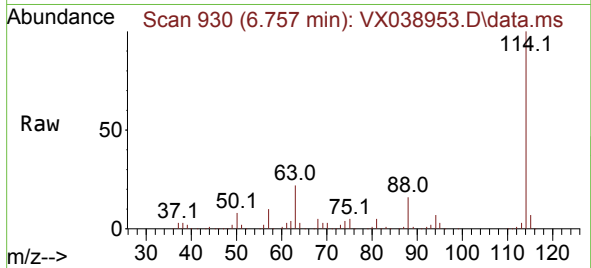




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

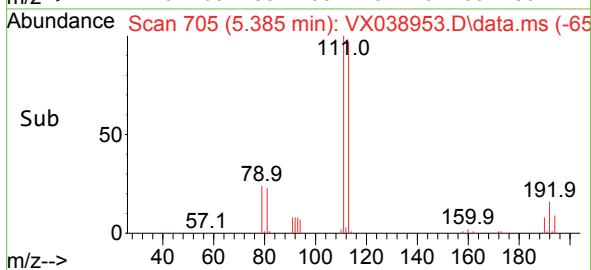
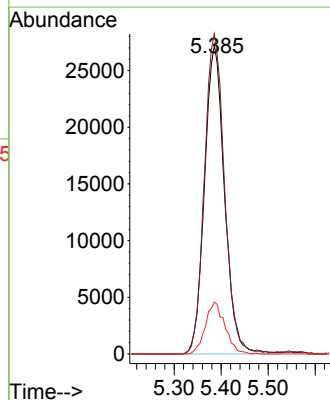
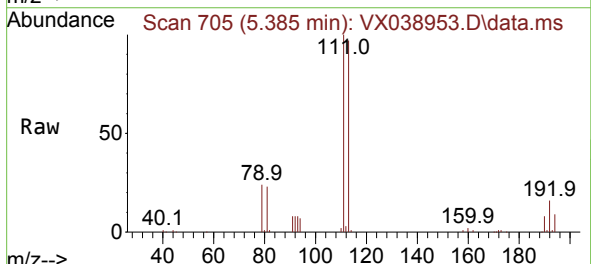
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20231110DL

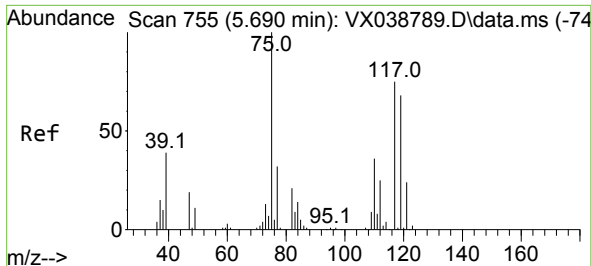
Tgt Ion:114 Resp: 251078
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.402 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

Tgt Ion:113 Resp: 80517
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 16.4 13.3 19.9

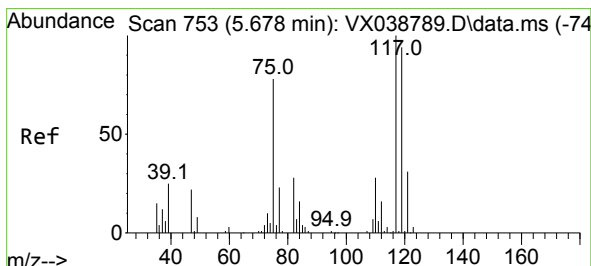
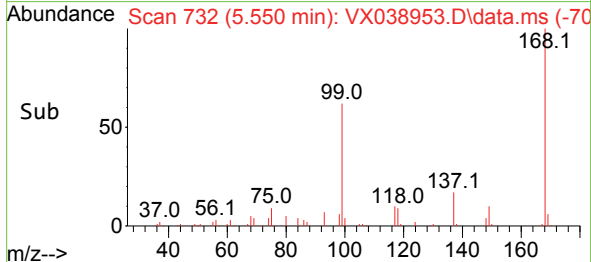
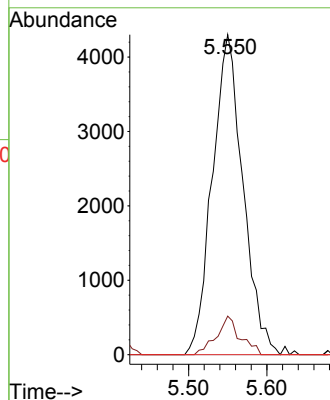
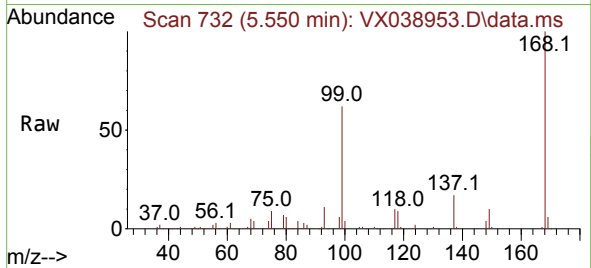




#36
1,1-Dichloropropene
Concen: 4.486 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

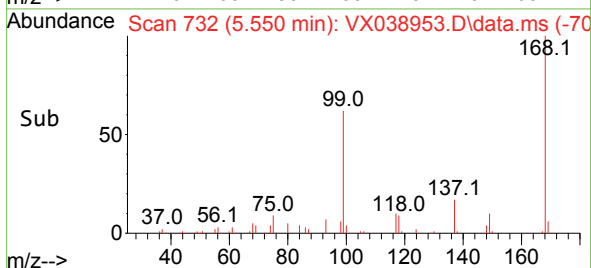
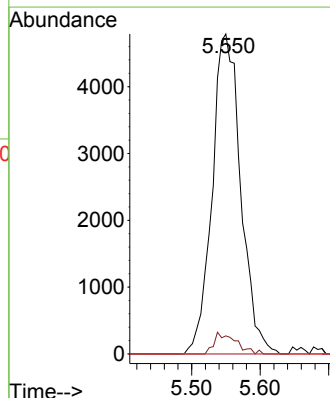
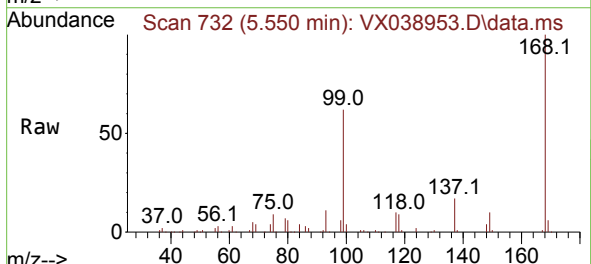
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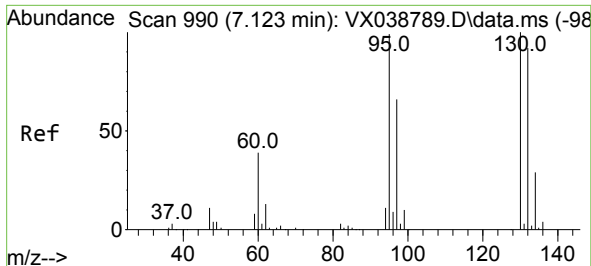
Tgt Ion: 75 Resp: 11658
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.777 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

Tgt Ion: 117 Resp: 13877
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#

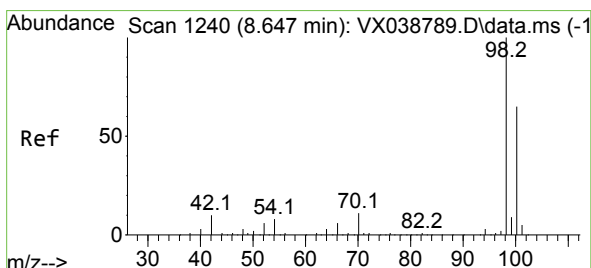
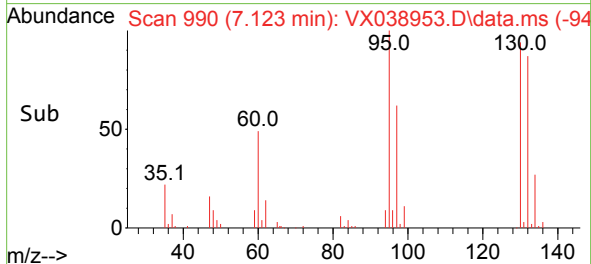
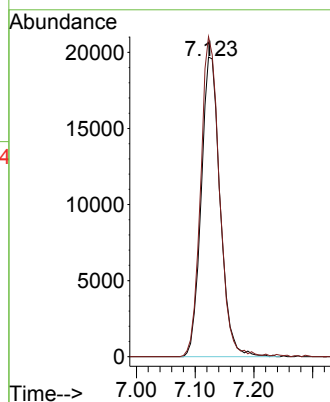
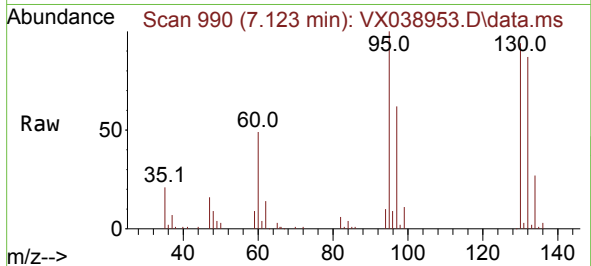




#44
Trichloroethene
Concen: 23.596 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

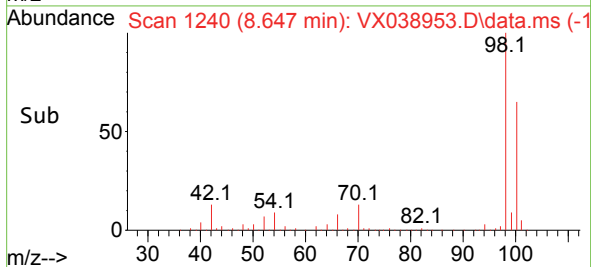
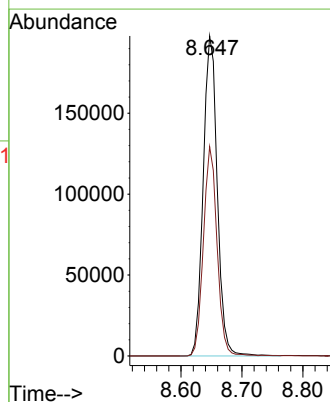
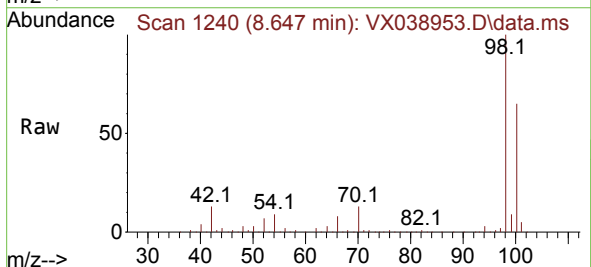
Instrument :
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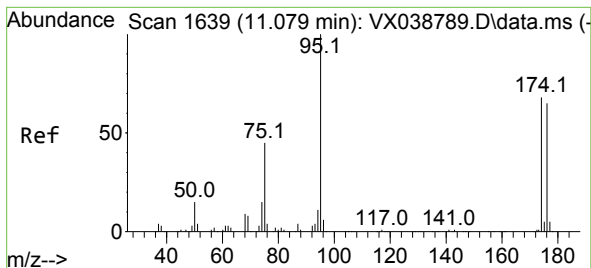
Tgt Ion:130 Resp: 44150
Ion Ratio Lower Upper
130 100
95 106.8 0.0 204.4



#50
Toluene-d8
Concen: 45.784 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

Tgt Ion: 98 Resp: 317648
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

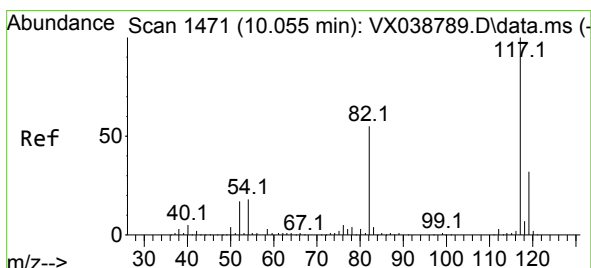
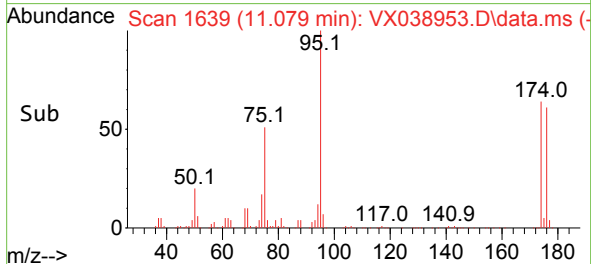
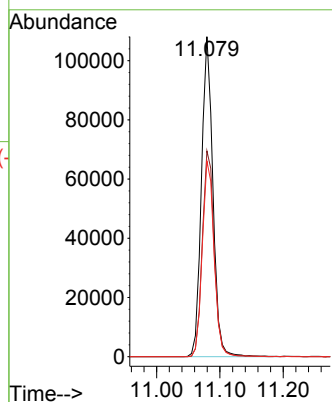
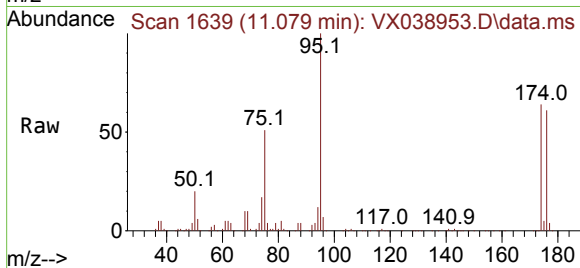




#62
4-Bromofluorobenzene
Concen: 49.085 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

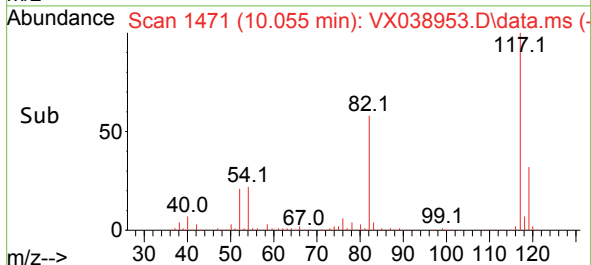
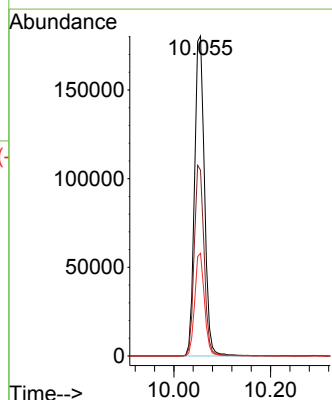
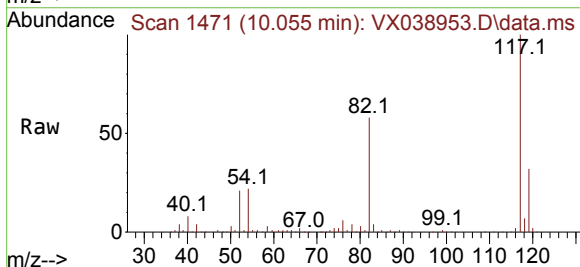
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20231110DL

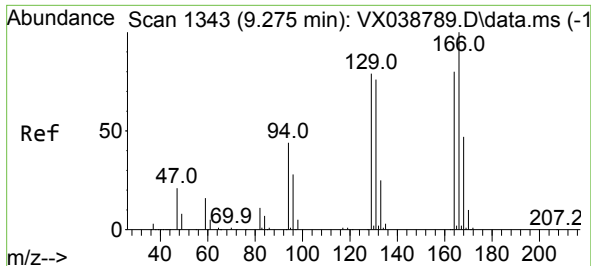
Tgt Ion: 95 Resp: 136323
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.6
176 63.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

Tgt Ion: 117 Resp: 256749
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 32.1 25.5 38.3

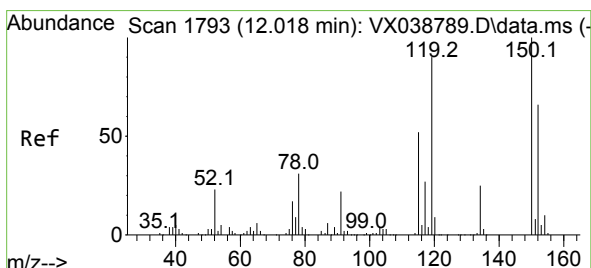
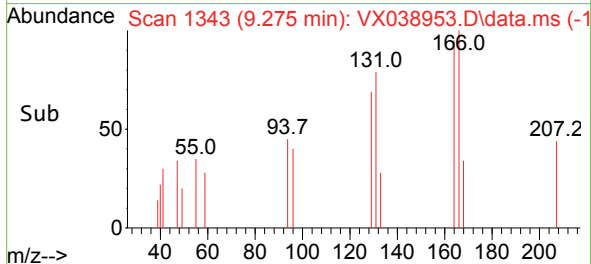
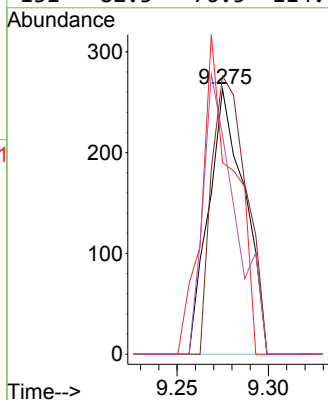
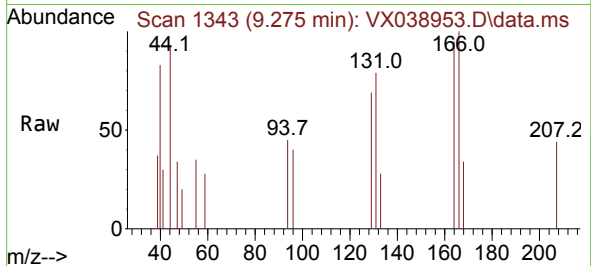




#64
Tetrachloroethene
Concen: 0.224 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

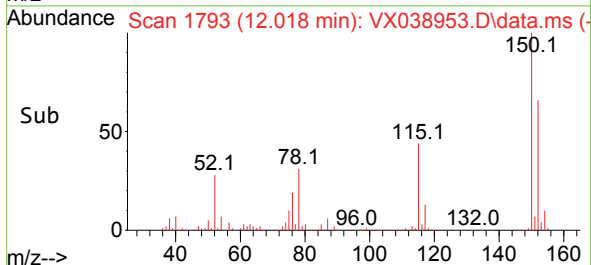
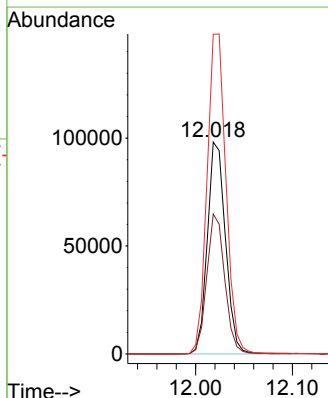
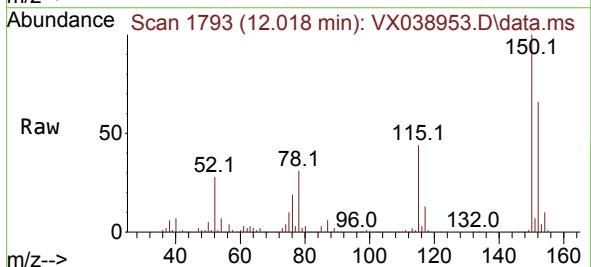
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20231110DL

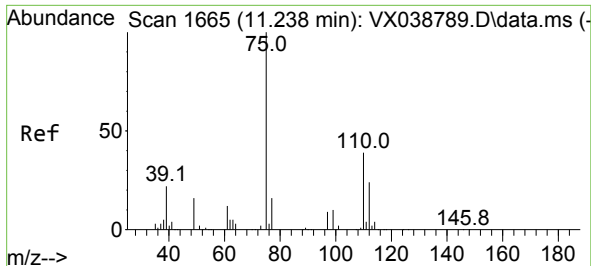
Tgt	Ion:164	Resp:	358
Ion	Ratio	Lower	Upper
164	100		
166	104.9	102.7	154.1
129	72.2	80.4	120.6#
131	82.5	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

Tgt Ion:152	Resp:	128284	
Ion	Ratio	Lower	Upper
152	100		
115	65.6	43.3	129.9
150	157.8	0.0	345.0

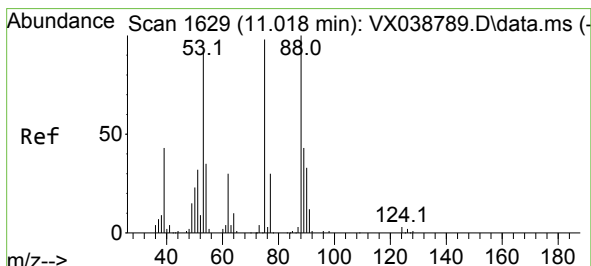
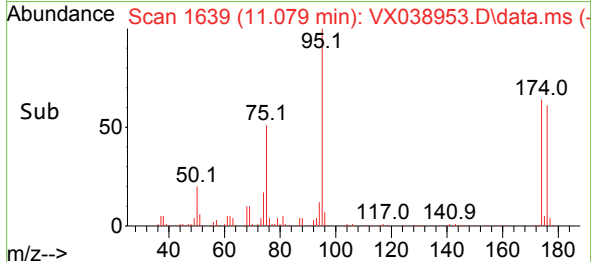
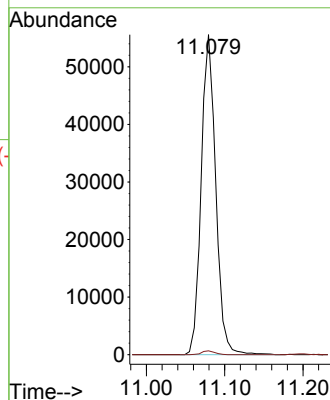
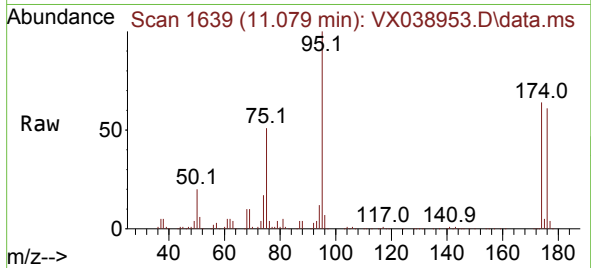




#76
1,2,3-Trichloropropane
Concen: 22.360 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20231110DL

Tgt Ion: 75 Resp: 71567
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.597 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038953.D
Acq: 20 Nov 2023 13:10

Tgt Ion: 75 Resp: 71567
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

