

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038928.D
 Acq On : 18 Nov 2023 15:08
 Operator : JC/MD
 Sample : 05404-26DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20231109DL

Quant Time: Nov 20 04:35:38 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

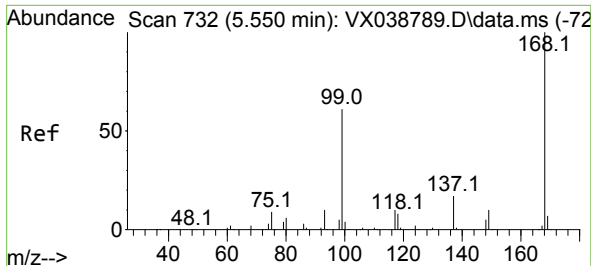
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	102218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81540	49.506	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.020%
35) Dibromofluoromethane	5.385	113	66959	44.344	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.680%
50) Toluene-d8	8.647	98	264026	45.701	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.400%#
62) 4-Bromofluorobenzene	11.079	95	113970	49.281	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.560%
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	1852	1.468	ug/l	96
11) Tert butyl alcohol	2.946	59	1148	2.506	ug/l	98
12) 1,1-Dichloroethene	2.318	96	565	0.443	ug/l #	67
13) Acrolein	2.257	56	273	1.126	ug/l #	74
16) Acetone	2.379	43	1111	1.267	ug/l	94
20) Methylene Chloride	2.788	84	4005	2.534	ug/l	86
26) 2,2-Dichloropropane	4.574	77	616	0.271	ug/l #	54
27) cis-1,2-Dichloroethene	4.483	96	333	0.203	ug/l #	1
31) Cyclohexane	5.556	56	2960	1.259	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	9266	4.282	ug/l #	51
44) Trichloroethene	7.129	130	113292	72.715	ug/l	99
49) 1,4-Dioxane	7.683	88	24	0.567	ug/l #	61
60) Dibromochloromethane	9.274	129	613	0.364	ug/l #	11
64) Tetrachloroethene	9.274	164	570	0.431	ug/l #	85
76) 1,2,3-Trichloropropane	11.079	75	61346	22.403	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	61346	49.691	ug/l #	5

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

Quant Time: Nov 20 04:35:38 2023
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Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

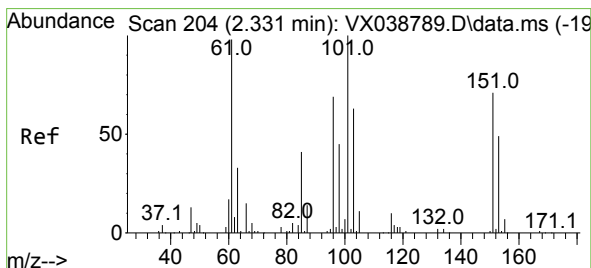
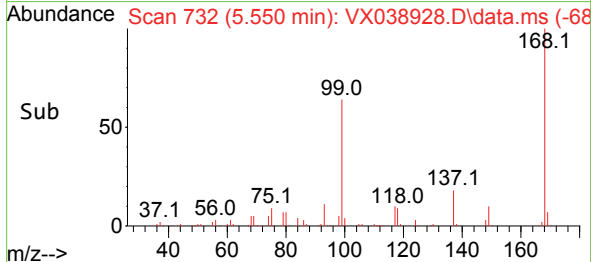
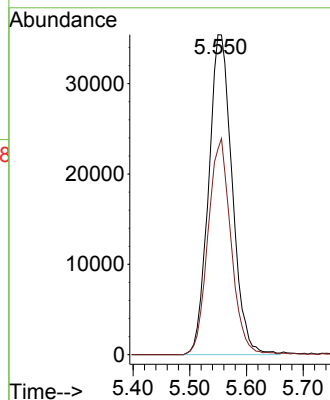
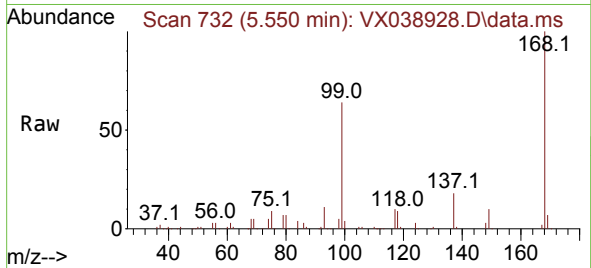




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

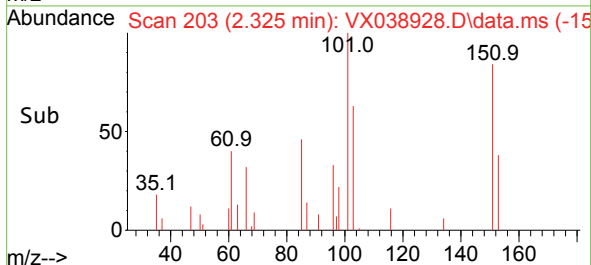
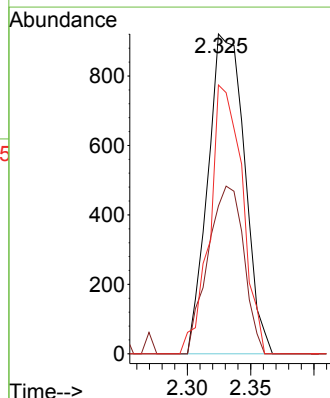
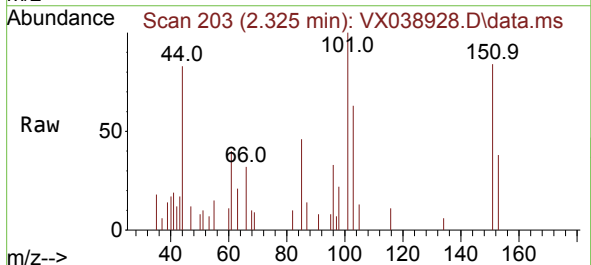
Instrument :
MSVOA_X
ClientSampleId :
RE137-20231109DL

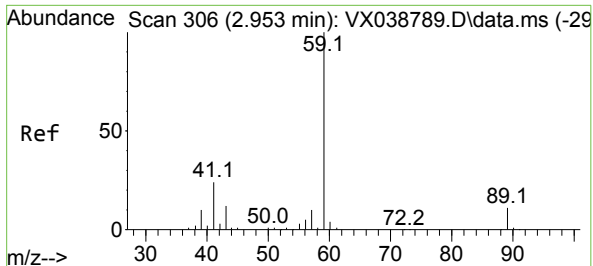
Tgt Ion:168 Resp: 102218
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.468 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

Tgt Ion:101 Resp: 1852
Ion Ratio Lower Upper
101 100
85 51.4 37.0 55.6
151 74.7 58.6 87.8

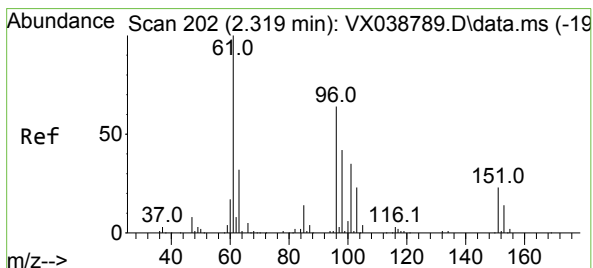
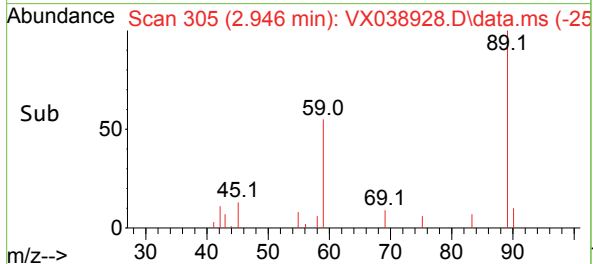
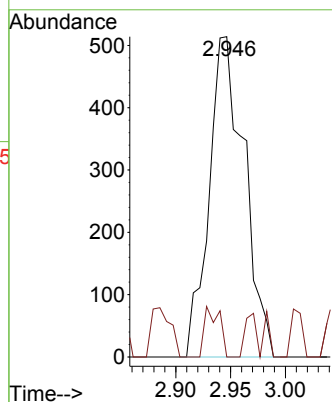
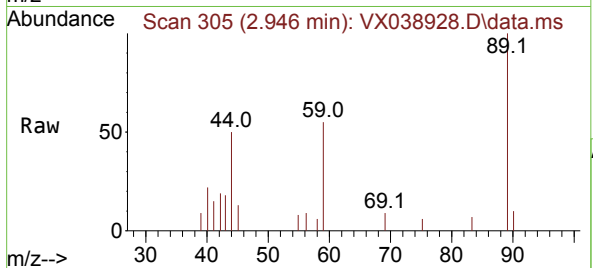




#11
Tert butyl alcohol
Concen: 2.506 ug/l
RT: 2.946 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

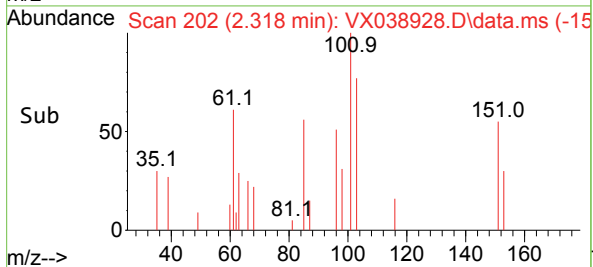
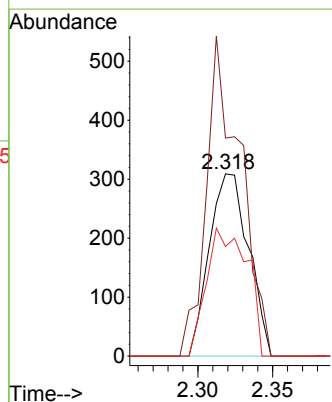
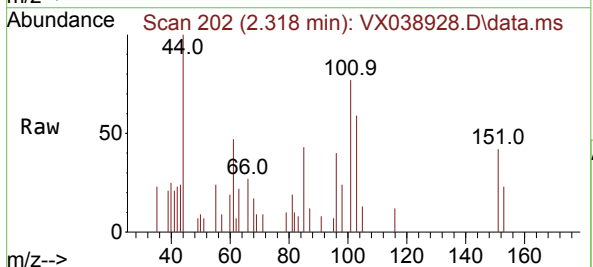
Instrument :
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ClientSampleId :
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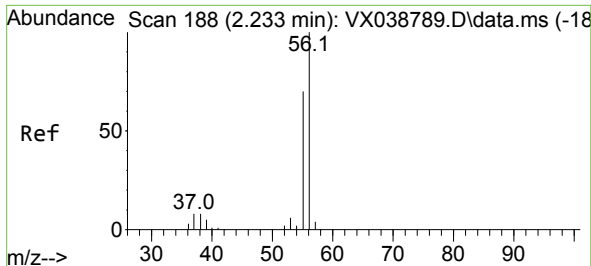
Tgt Ion: 59 Resp: 1148
Ion Ratio Lower Upper
59 100
57 6.7 6.0 9.0



#12
1,1-Dichloroethene
Concen: 0.443 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

Tgt Ion: 96 Resp: 565
Ion Ratio Lower Upper
96 100
61 119.7 144.6 216.8#
98 60.2 50.4 75.6

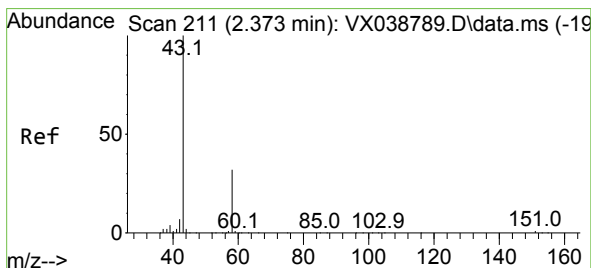
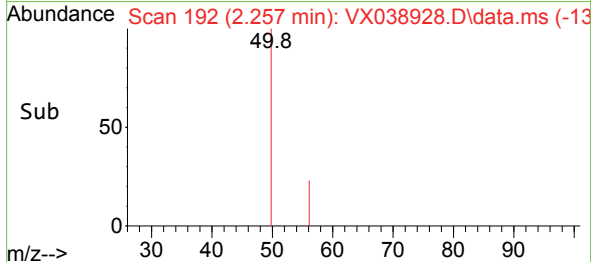
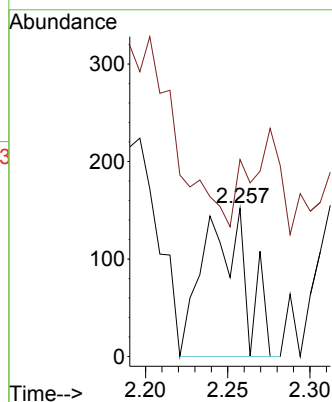
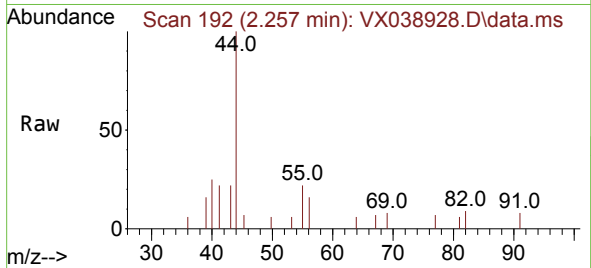




#13
Acrolein
Concen: 1.126 ug/l
RT: 2.257 min Scan# 192
Delta R.T. 0.024 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

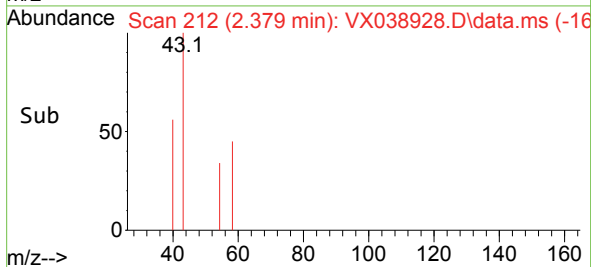
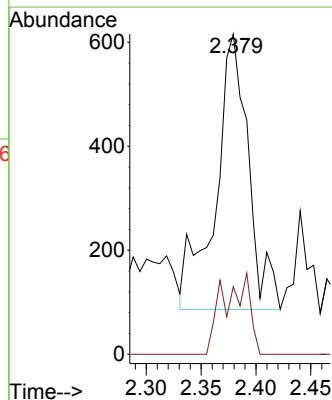
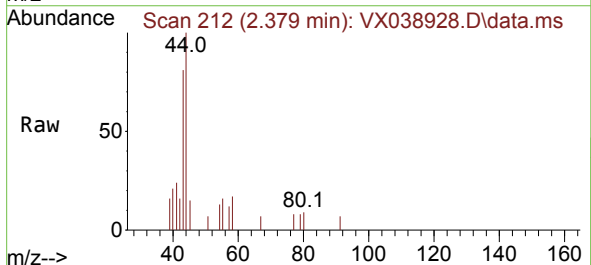
Instrument :
MSVOA_X
ClientSampleId :
RE137-20231109DL

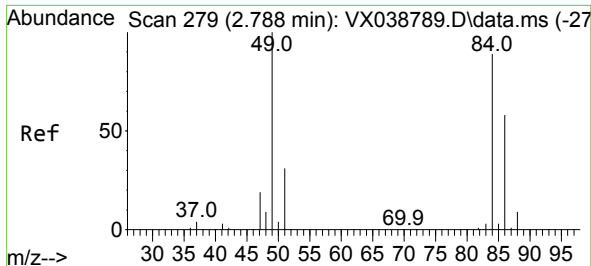
Tgt Ion: 56 Resp: 273
Ion Ratio Lower Upper
56 100
55 50.2 57.1 85.7#



#16
Acetone
Concen: 1.267 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

Tgt Ion: 43 Resp: 1111
Ion Ratio Lower Upper
43 100
58 24.5 21.9 32.9

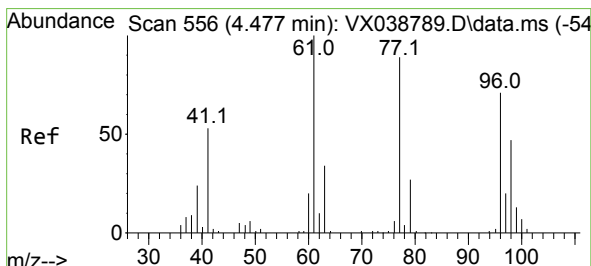
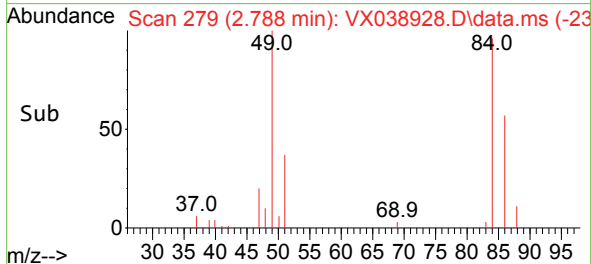
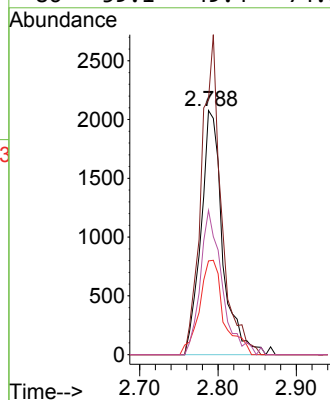
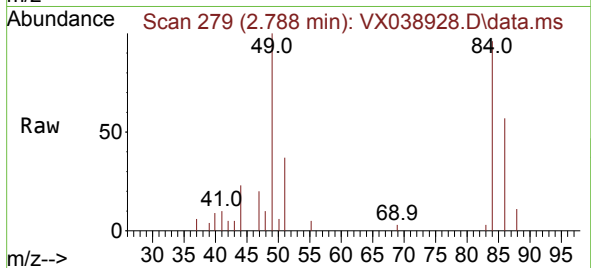




#20
Methylene Chloride
Concen: 2.534 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

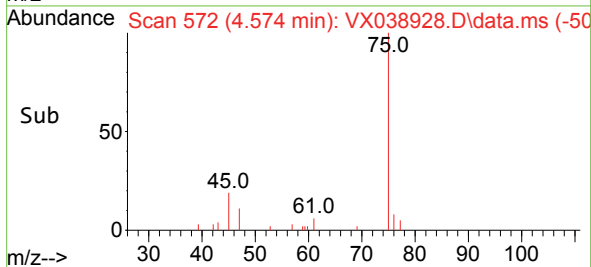
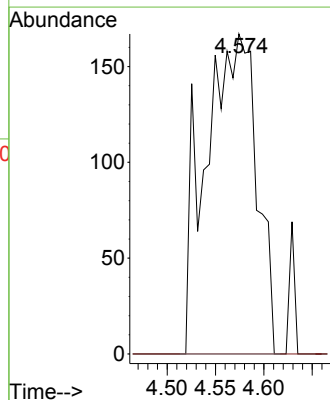
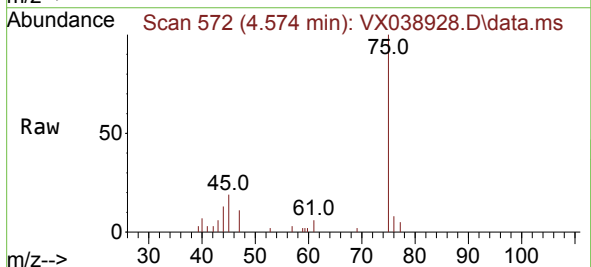
Instrument :
MSVOA_X
ClientSampleId :
RE137-20231109DL

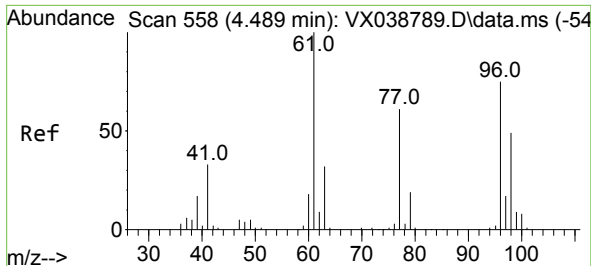
Tgt Ion:	84	Resp:	4005
Ion	Ratio	Lower	Upper
84	100		
49	104.5	103.6	155.4
51	38.4	33.8	50.6
86	59.1	49.4	74.0



#26
2,2-Dichloropropane
Concen: 0.271 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.097 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

Tgt Ion:	77	Resp:	616
Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.8	32.3#

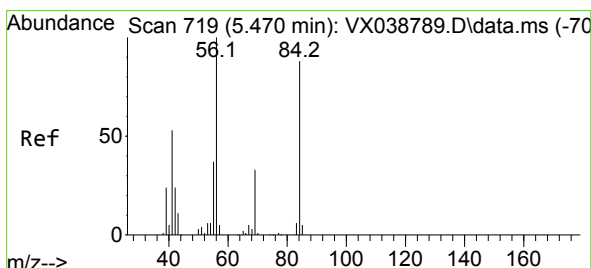
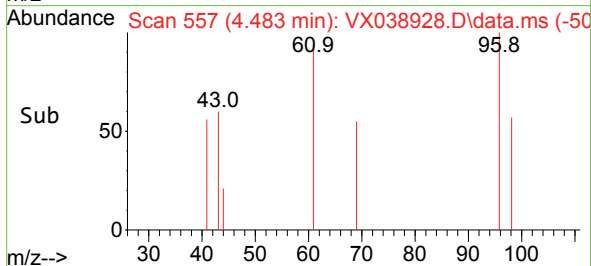
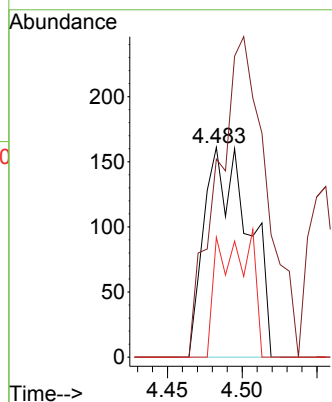
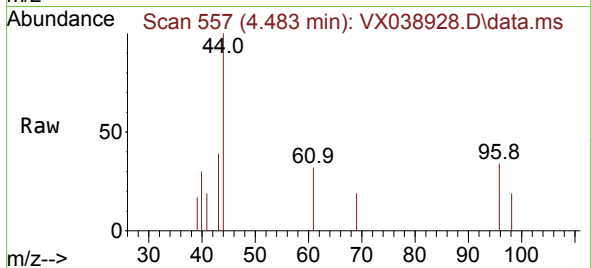




#27
 cis-1,2-Dichloroethene
 Concen: 0.203 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX038928.D
 Acq: 18 Nov 2023 15:08

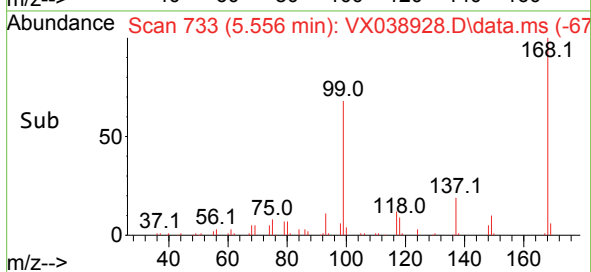
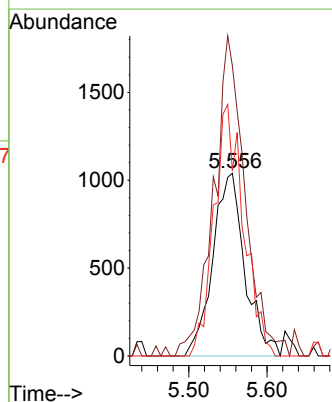
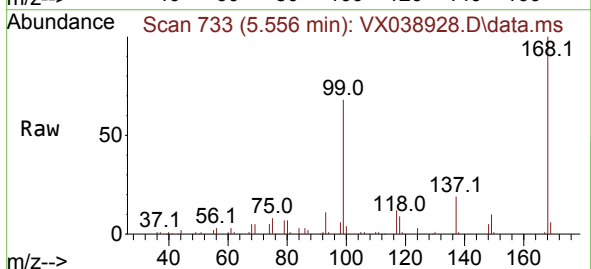
Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20231109DL

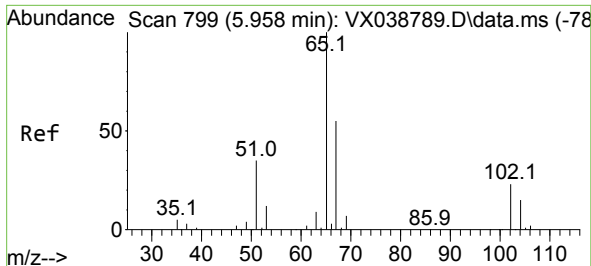
Tgt Ion: 96 Resp: 333
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 312.2
 98 0.0 0.0 129.0



#31
 Cyclohexane
 Concen: 1.259 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.085 min
 Lab File: VX038928.D
 Acq: 18 Nov 2023 15:08

Tgt Ion: 56 Resp: 2960
 Ion Ratio Lower Upper
 56 100
 69 152.2 23.4 35.2#
 84 101.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 49.506 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038928.D

Acq: 18 Nov 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

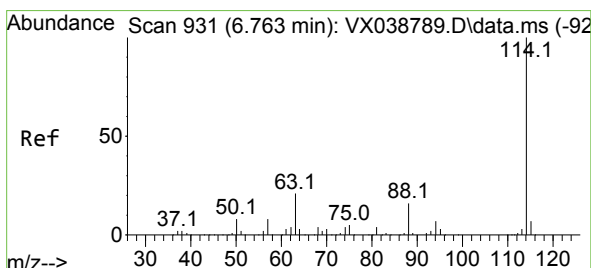
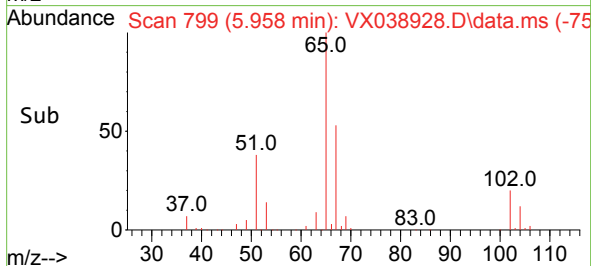
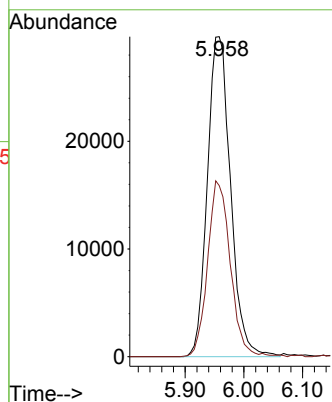
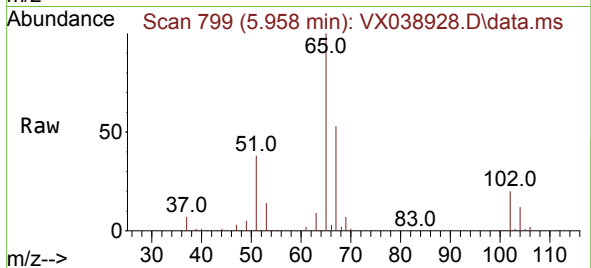
RE137-20231109DL

Tgt Ion: 65 Resp: 81540

Ion Ratio Lower Upper

65 100

67 53.7 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: VX038928.D

Acq: 18 Nov 2023 15:08

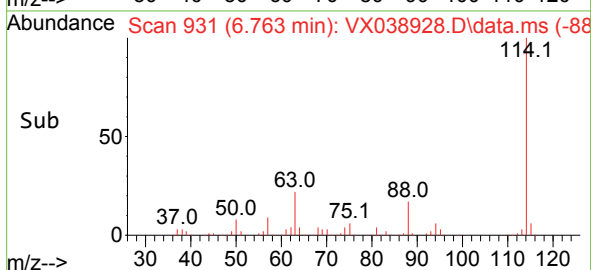
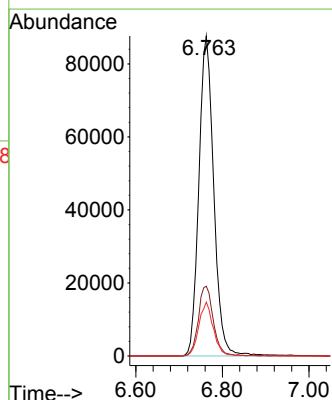
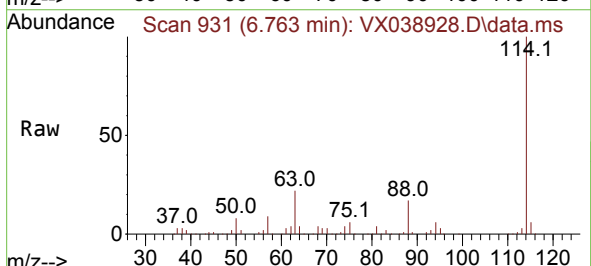
Tgt Ion: 114 Resp: 209074

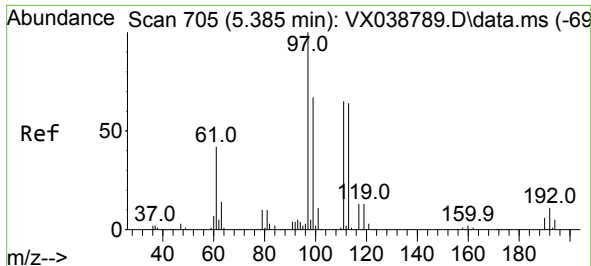
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

88 16.8 0.0 36.6

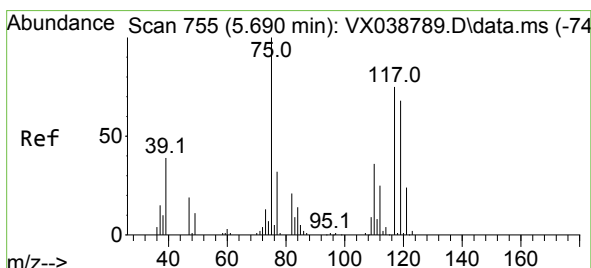
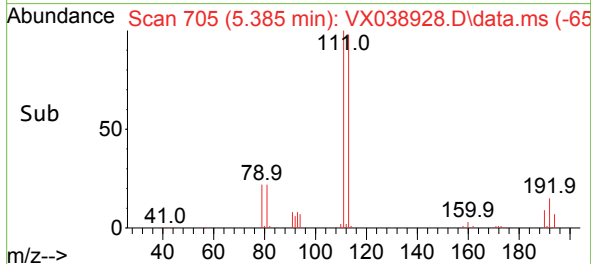
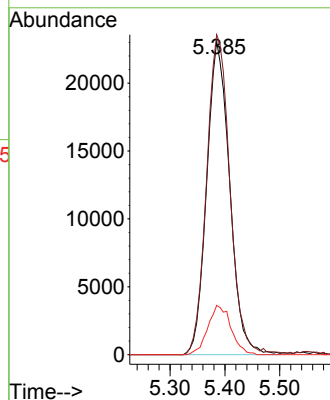
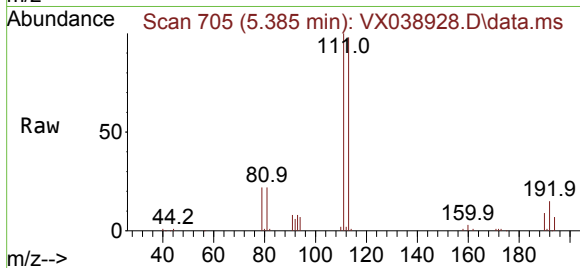




#35
Dibromofluoromethane
Concen: 44.344 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

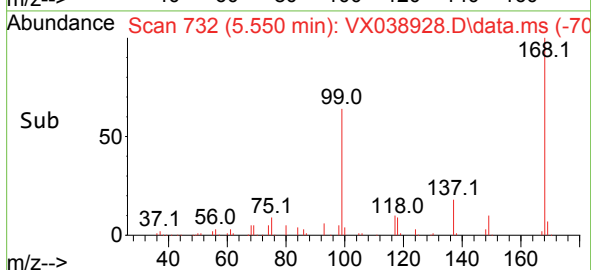
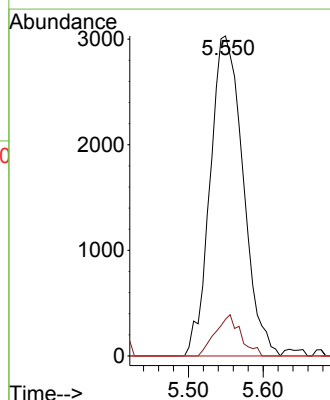
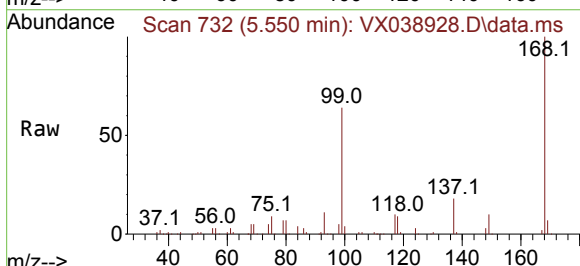
Instrument :
MSVOA_X
ClientSampleId :
RE137-20231109DL

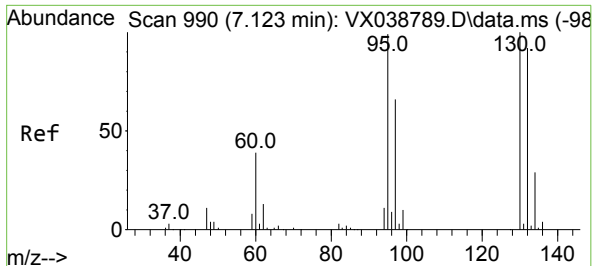
Tgt Ion:113 Resp: 66959
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 15.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.282 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

Tgt Ion: 75 Resp: 9266
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#

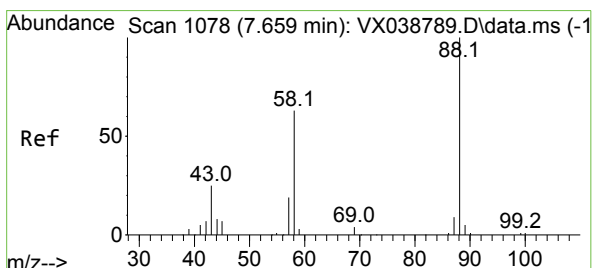
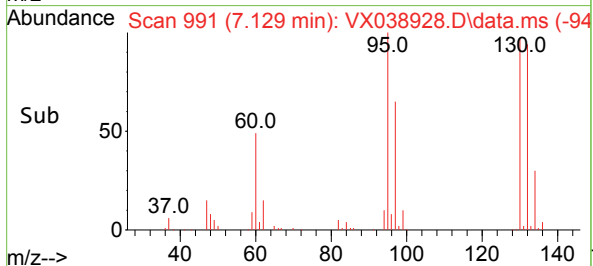
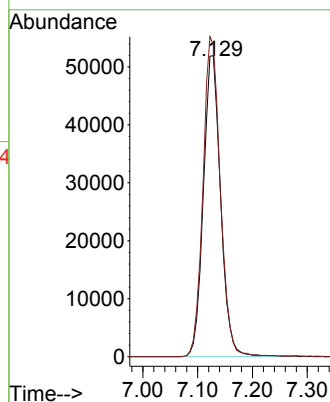
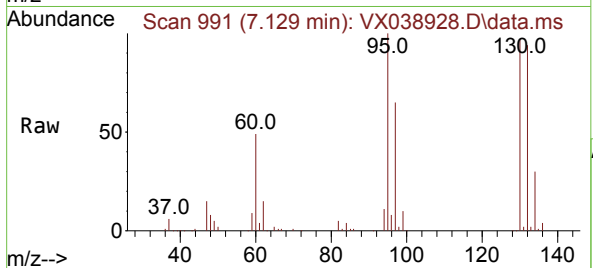




#44
Trichloroethene
Concen: 72.715 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

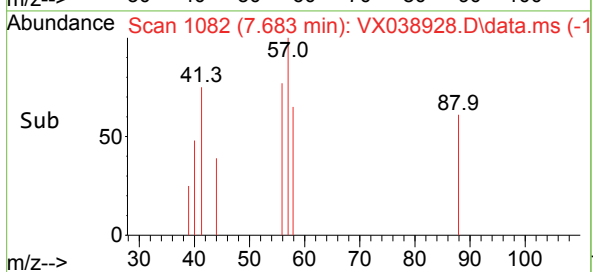
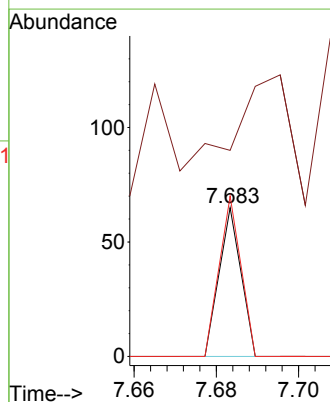
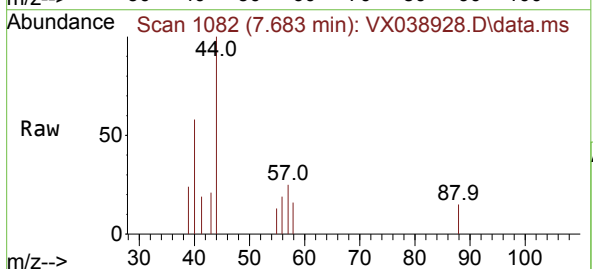
Instrument :
MSVOA_X
ClientSampleId :
RE137-20231109DL

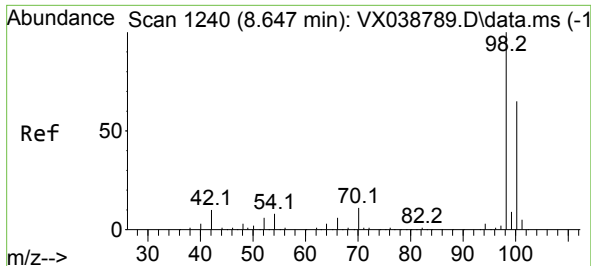
Tgt Ion:130 Resp: 113292
Ion Ratio Lower Upper
130 100
95 103.6 0.0 204.4



#49
1,4-Dioxane
Concen: 0.567 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.024 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 341.7 0.0 0.0#
58 108.3 60.1 90.1#

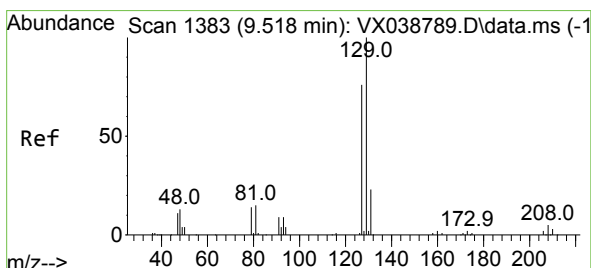
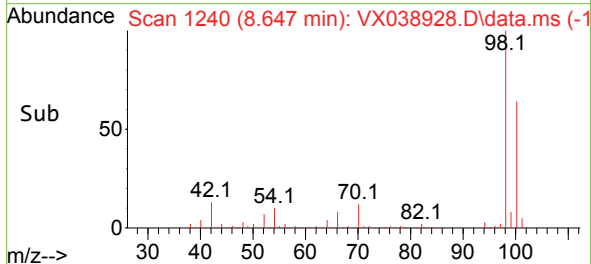
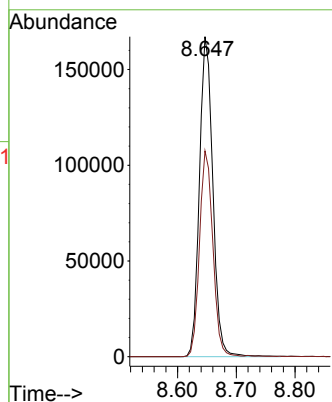
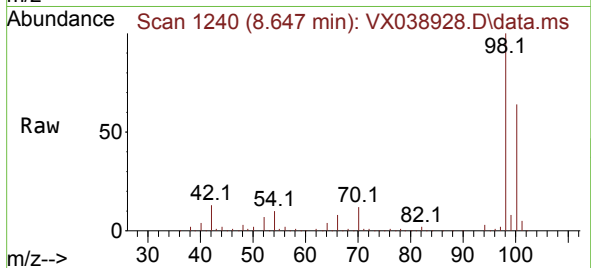




#50
Toluene-d8
Concen: 45.701 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

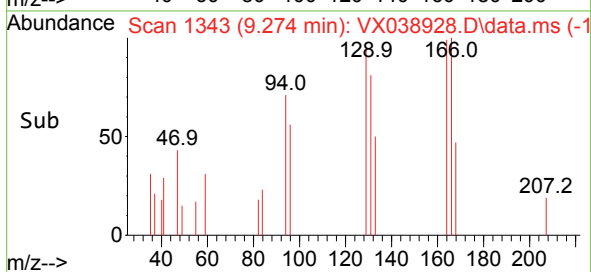
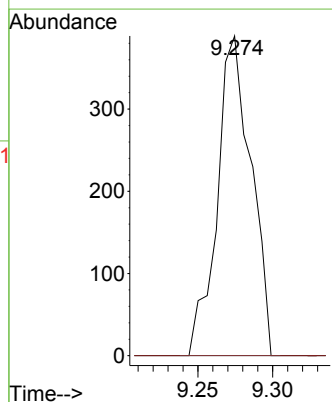
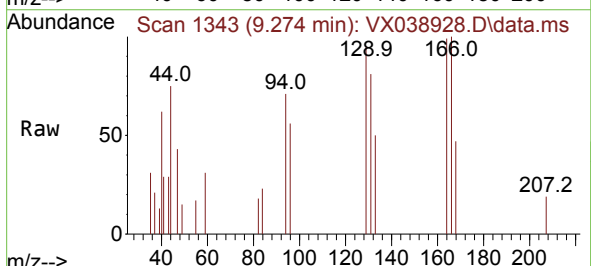
Instrument :
MSVOA_X
ClientSampleId :
RE137-20231109DL

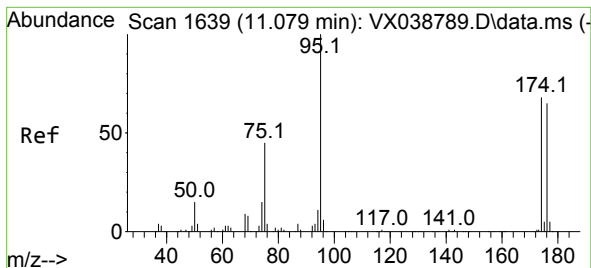
Tgt Ion: 98 Resp: 264026
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#60
Dibromochloromethane
Concen: 0.364 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

Tgt Ion:129 Resp: 613
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

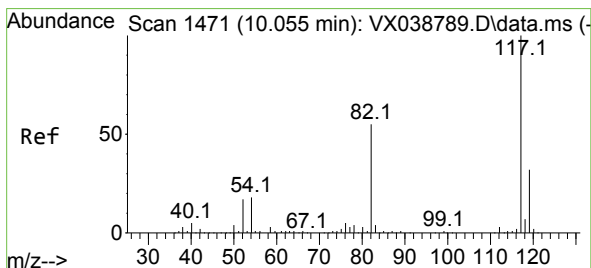
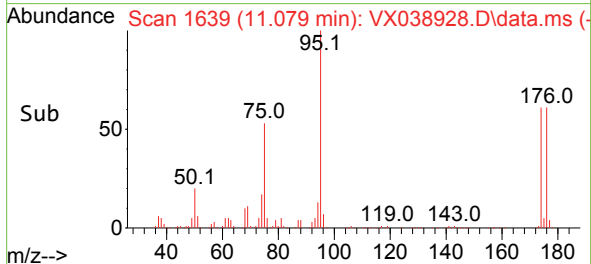
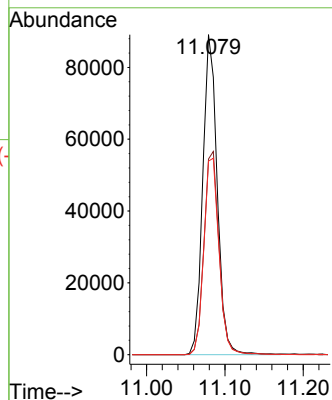
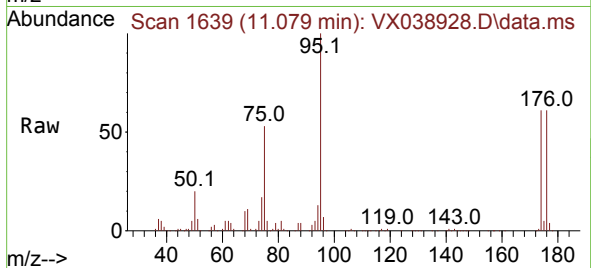




#62
4-Bromofluorobenzene
Concen: 49.281 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

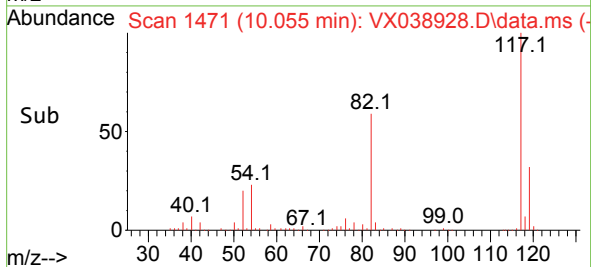
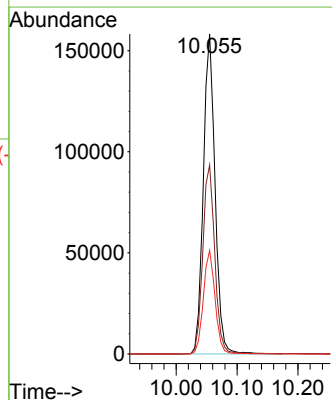
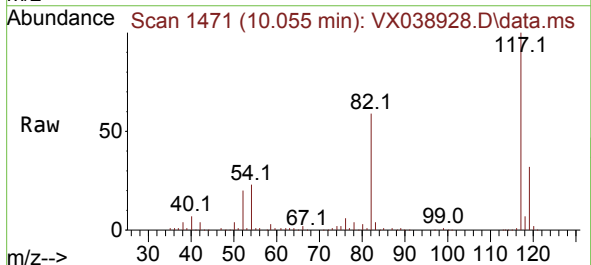
Instrument :
MSVOA_X
ClientSampleId :
RE137-20231109DL

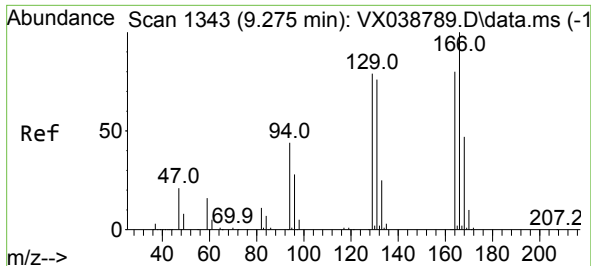
Tgt Ion: 95 Resp: 113970
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.6
176 64.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

Tgt Ion: 117 Resp: 212526
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 32.3 25.5 38.3

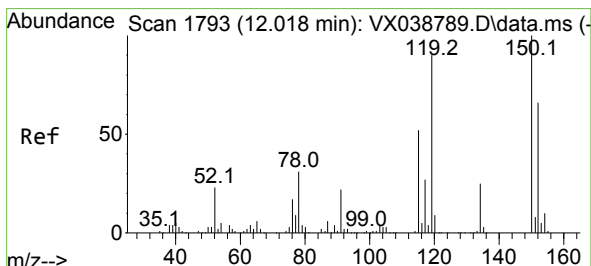
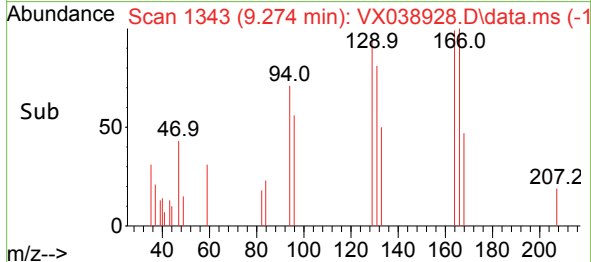
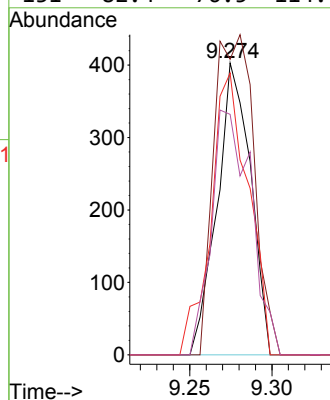
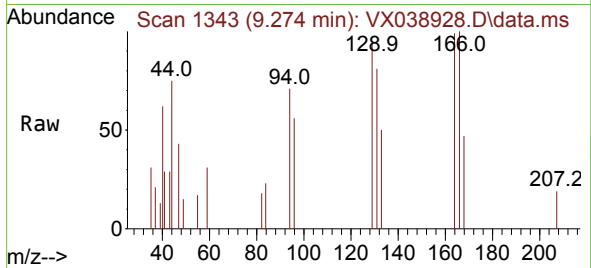




#64
Tetrachloroethene
Concen: 0.431 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

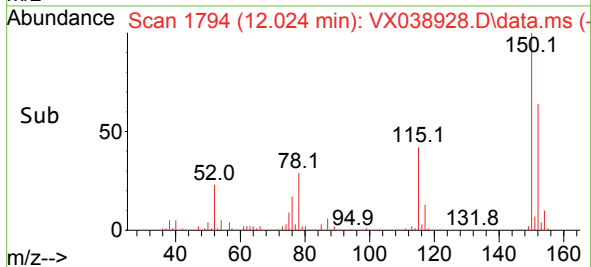
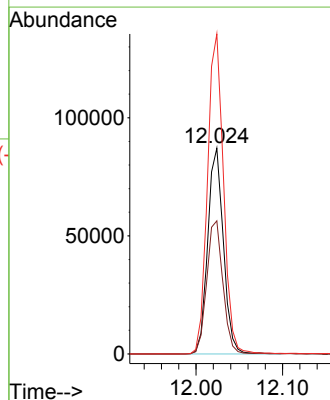
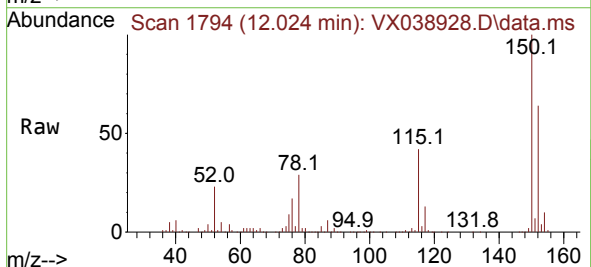
Instrument :
MSVOA_X
ClientSampleId :
RE137-20231109DL

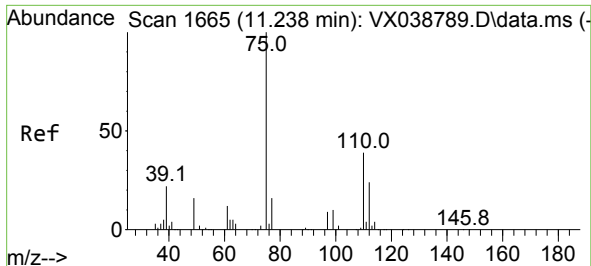
Tgt Ion:164 Resp: 570
Ion Ratio Lower Upper
164 100
166 101.2 102.7 154.1#
129 96.5 80.4 120.6
131 82.4 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

Tgt Ion:152 Resp: 109754
Ion Ratio Lower Upper
152 100
115 66.7 43.3 129.9
150 158.2 0.0 345.0

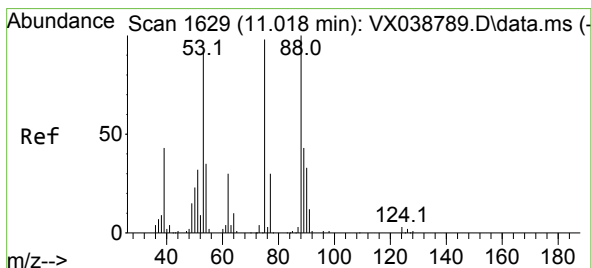
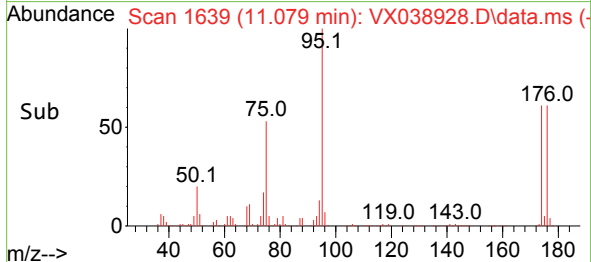
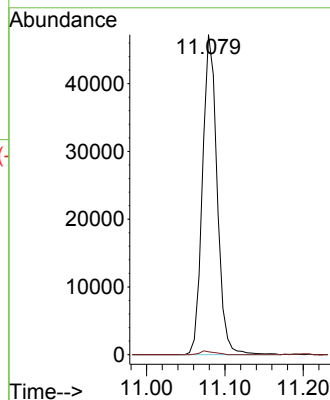
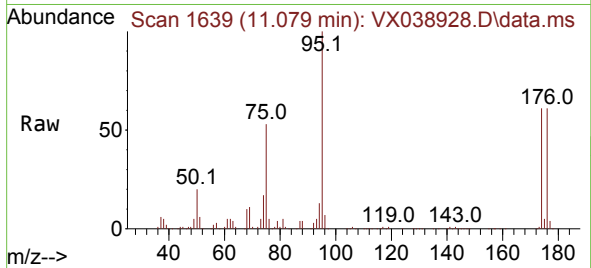




#76
1,2,3-Trichloropropane
Concen: 22.403 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

Instrument :
MSVOA_X
ClientSampleId :
RE137-20231109DL

Tgt Ion: 75 Resp: 61346
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.691 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038928.D
Acq: 18 Nov 2023 15:08

Tgt Ion: 75 Resp: 61346
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

