

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039903.D
 Acq On : 23 Jan 2024 12:32
 Operator : JC/MD
 Sample : P1196-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-SP302-C-20240118

Quant Time: Jan 24 02:30:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

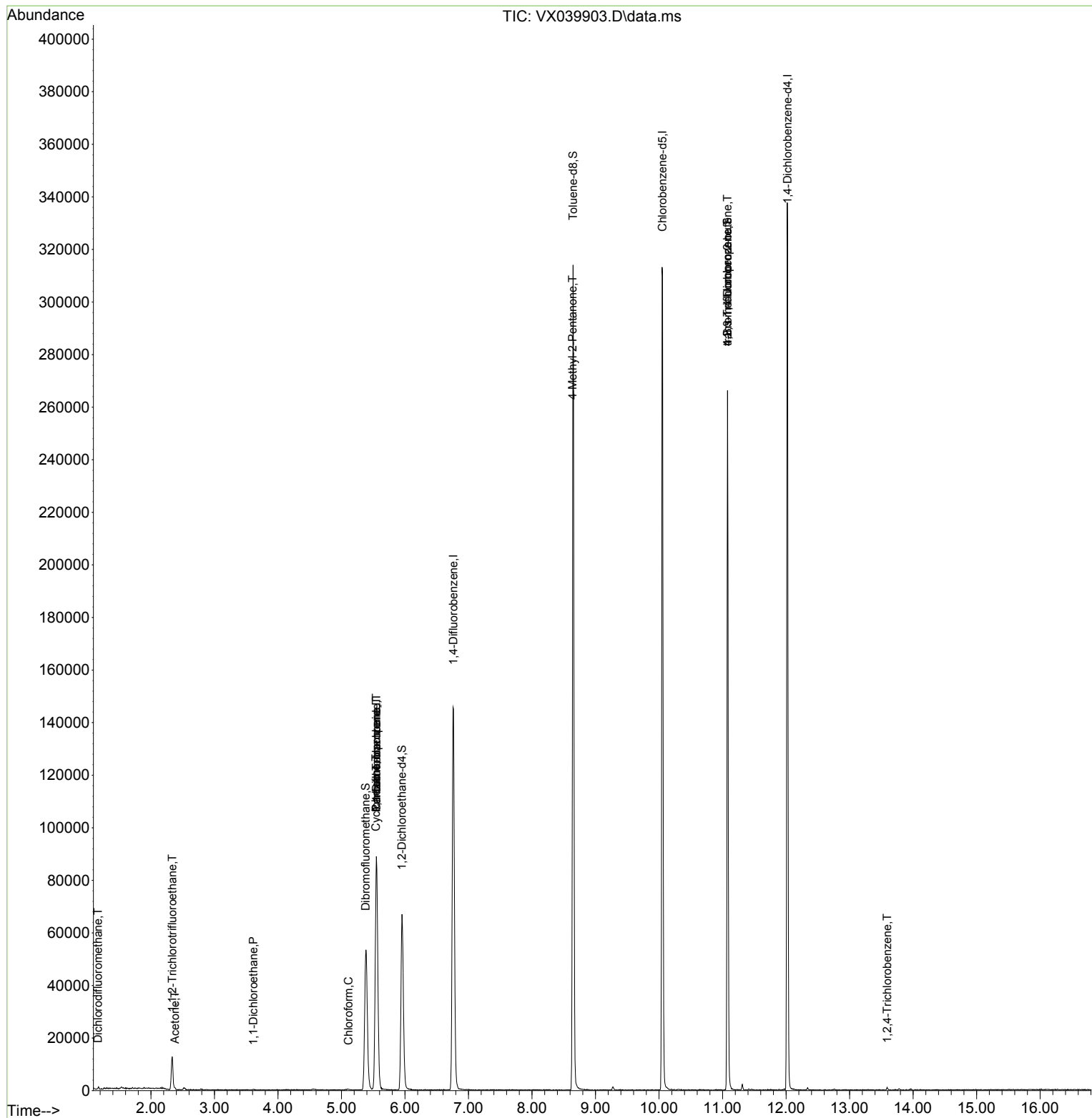
Internal Standards						
1) Pentafluorobenzene	5.550	168	78112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	144572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63613	48.616	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.240%
35) Dibromofluoromethane	5.379	113	46965	48.231	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.460%
50) Toluene-d8	8.647	98	176367	48.023	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.040%
62) 4-Bromofluorobenzene	11.079	95	68252	47.524	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	307	0.304	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.337	101	5169	5.306	ug/l	96
16) Acetone	2.380	43	808	1.098	ug/l #	85
24) 1,1-Dichloroethane	3.611	63	447	0.230	ug/l #	83
30) Chloroform	5.111	83	566	0.295	ug/l #	19
31) Cyclohexane	5.544	56	2110	1.222	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	7343	4.845	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8763	6.312	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	923	0.452	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38716	22.611	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	38716	65.418	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	391	0.288	ug/l #	75

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

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
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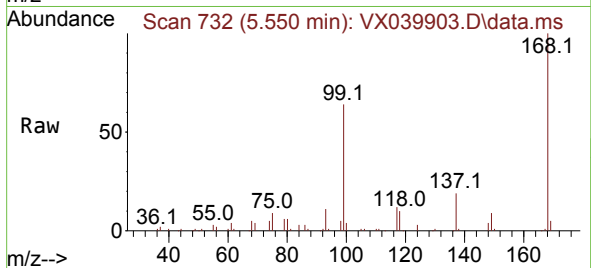
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



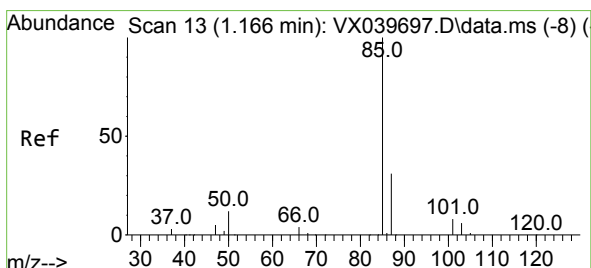
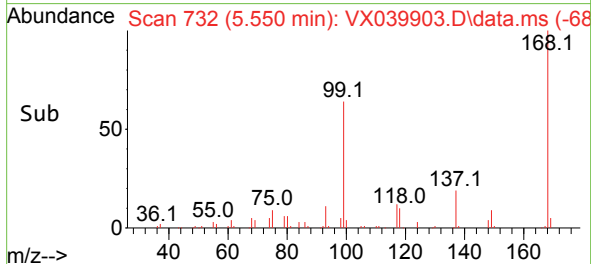
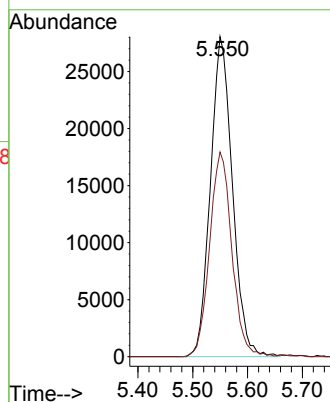


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039903.D
Acq: 23 Jan 2024 12:32

Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-C-20240118

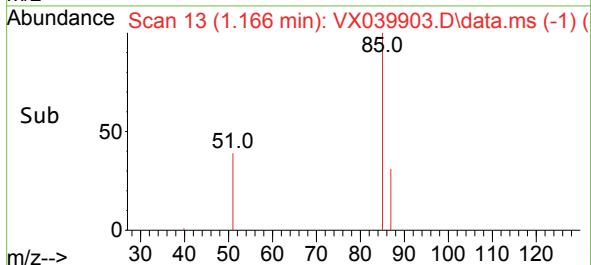
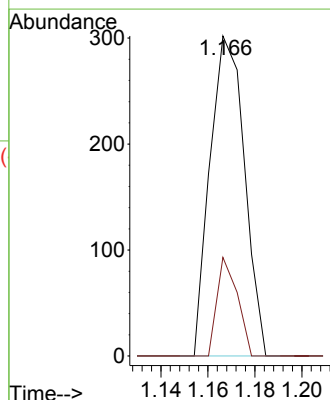
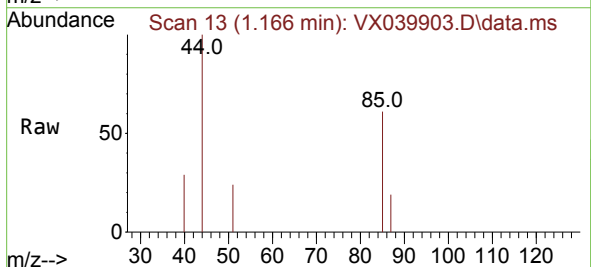


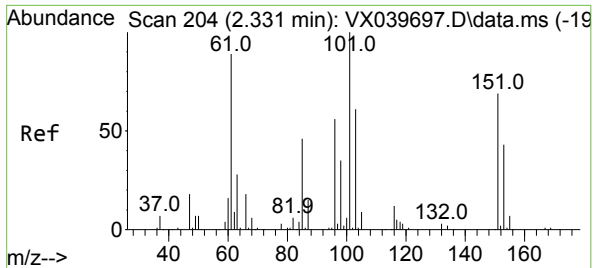
Tgt Ion:168 Resp: 78112
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.304 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039903.D
Acq: 23 Jan 2024 12:32

Tgt Ion: 85 Resp: 307
Ion Ratio Lower Upper
85 100
87 30.8 16.7 50.1

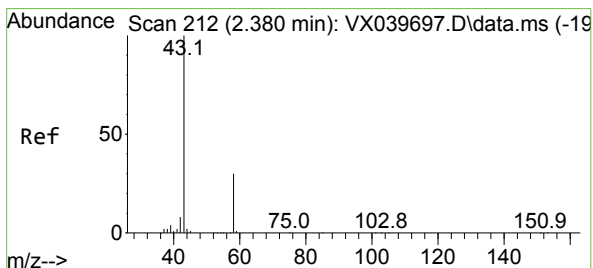
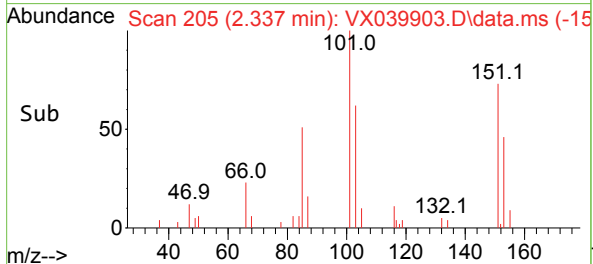
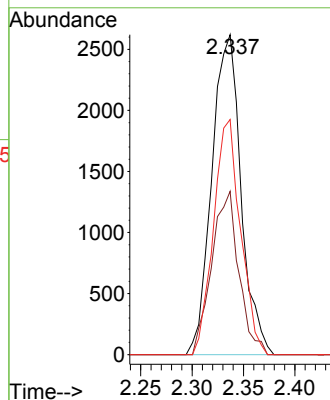
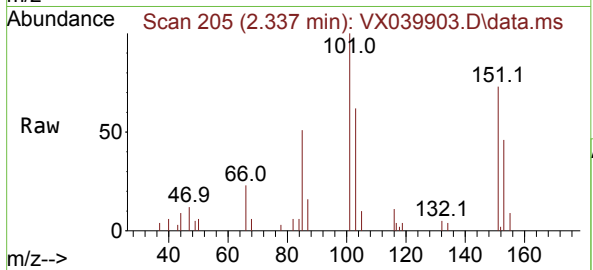




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.306 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX039903.D
Acq: 23 Jan 2024 12:32

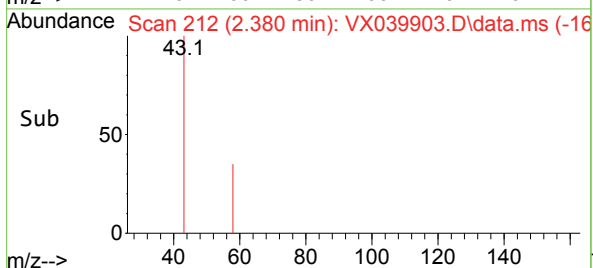
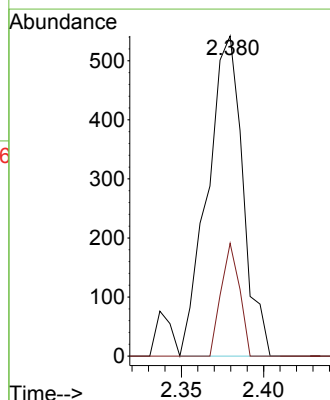
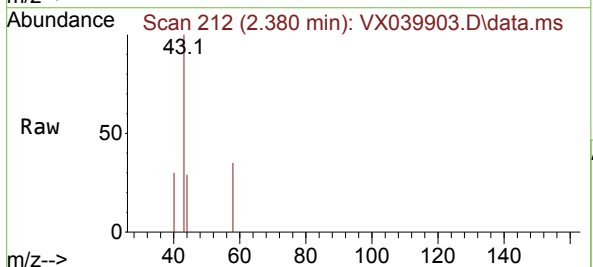
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-C-20240118

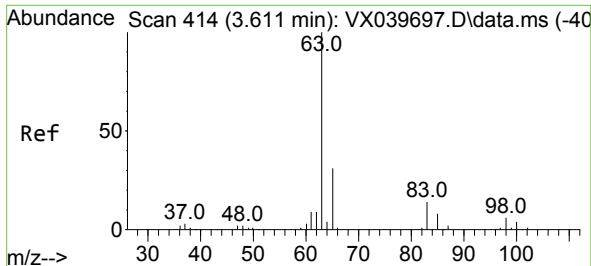
Tgt Ion:101 Resp: 5169
Ion Ratio Lower Upper
101 100
85 47.5 37.0 55.6
151 68.2 58.6 87.8



#16
Acetone
Concen: 1.098 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039903.D
Acq: 23 Jan 2024 12:32

Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
58 35.2 21.9 32.9#





#24

1,1-Dichloroethane

Concen: 0.230 ug/l

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039903.D

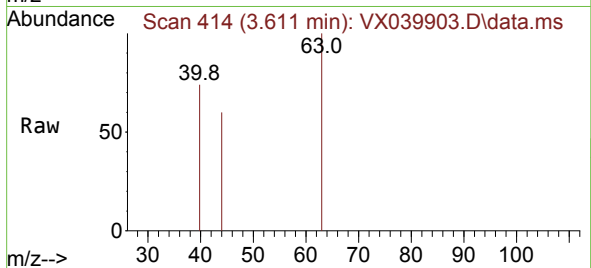
Acq: 23 Jan 2024 12:32

Instrument :

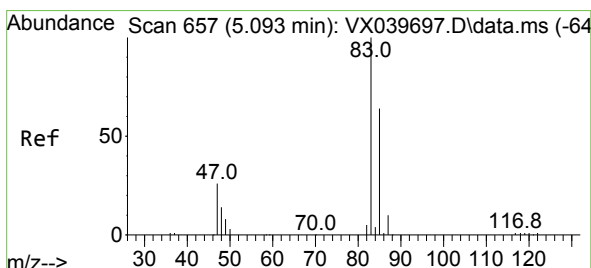
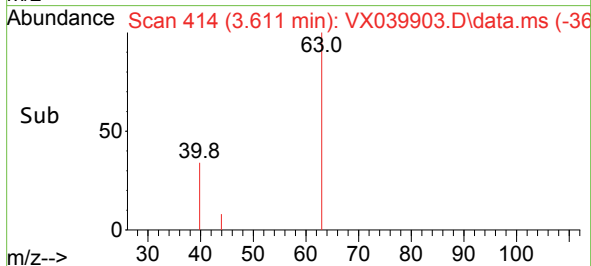
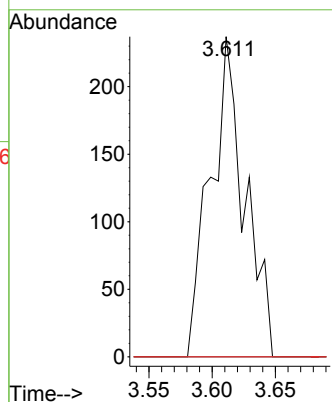
MSVOA_X

ClientSampleId :

RE137-SP302-C-20240118



Tgt Ion:	63	Resp:	447
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.8#
100	0.0	2.1	6.5#



#30

Chloroform

Concen: 0.295 ug/l

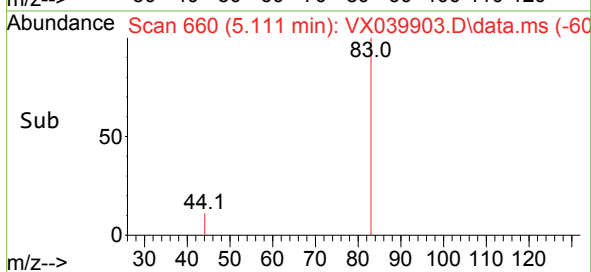
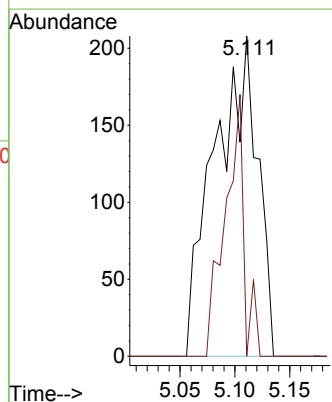
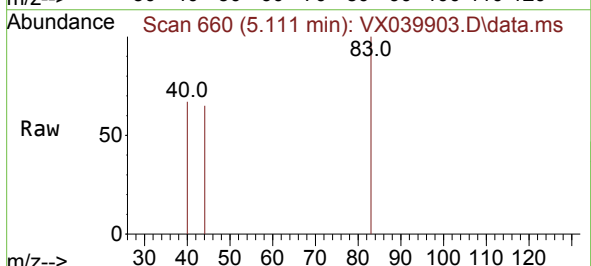
RT: 5.111 min Scan# 660

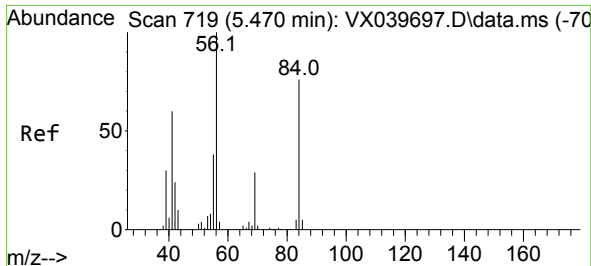
Delta R.T. 0.018 min

Lab File: VX039903.D

Acq: 23 Jan 2024 12:32

Tgt Ion:	83	Resp:	566
Ion	Ratio	Lower	Upper
83	100		
85	0.0	50.3	75.5#

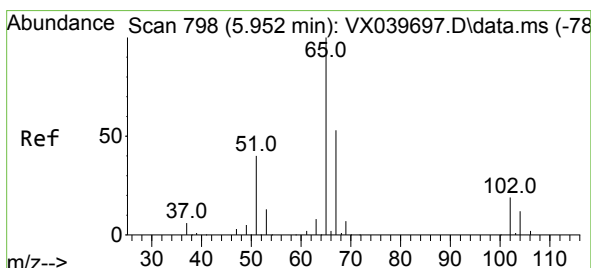
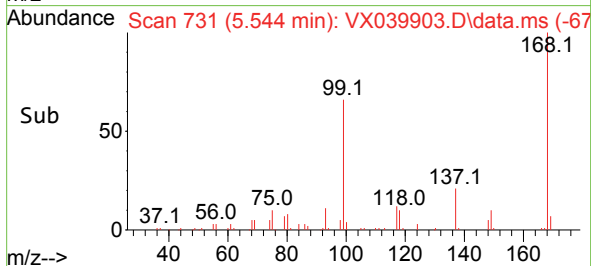
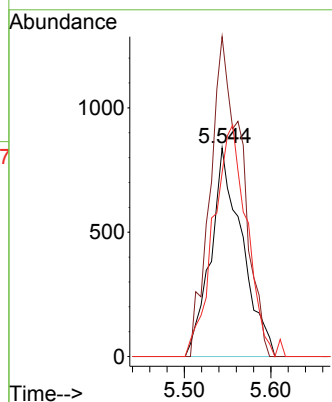
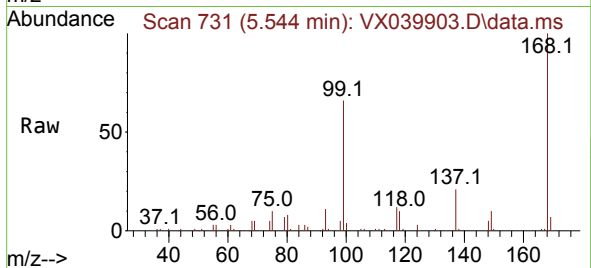




#31
Cyclohexane
Concen: 1.222 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039903.D
Acq: 23 Jan 2024 12:32

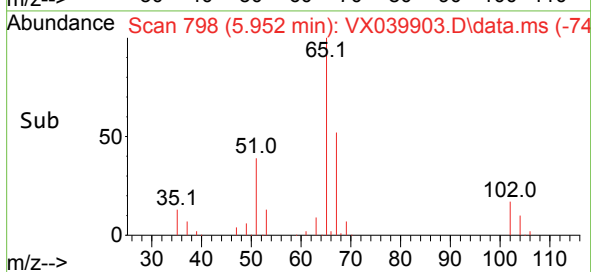
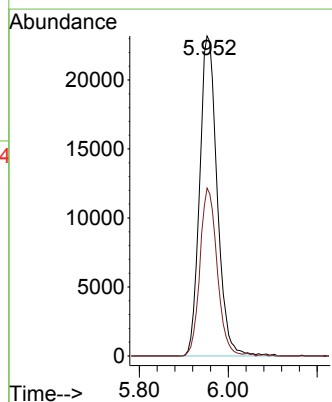
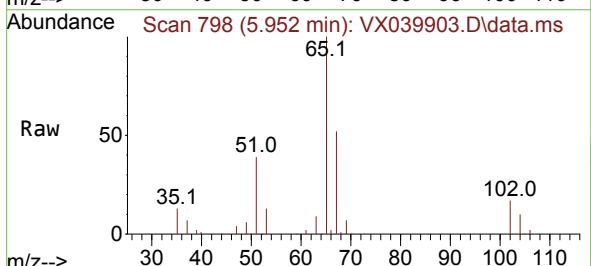
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-C-20240118

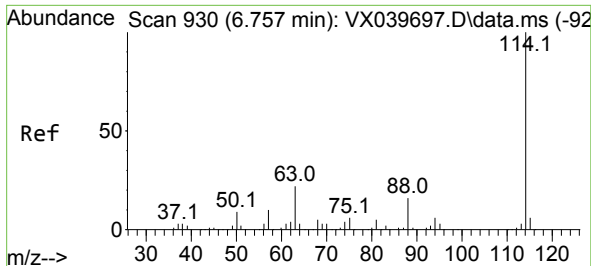
Tgt Ion: 56 Resp: 2110
Ion Ratio Lower Upper
56 100
69 153.3 23.4 35.2#
84 88.1 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 48.616 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039903.D
Acq: 23 Jan 2024 12:32

Tgt Ion: 65 Resp: 63613
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

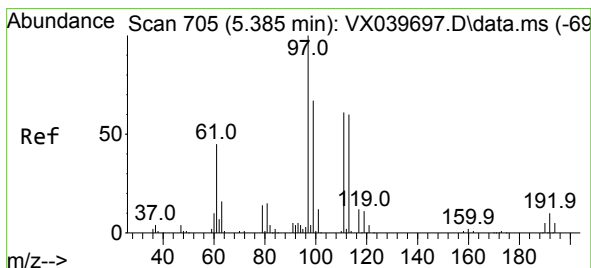
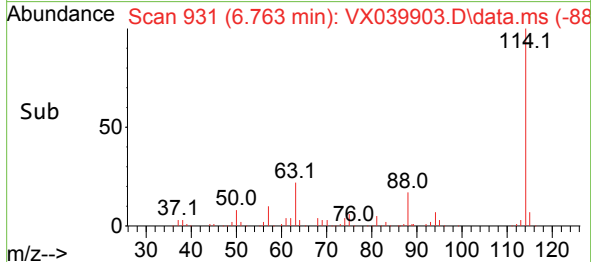
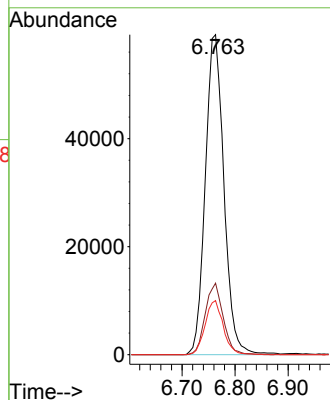
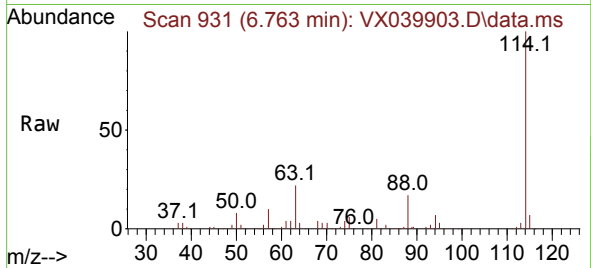




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX039903.D
Acq: 23 Jan 2024 12:32

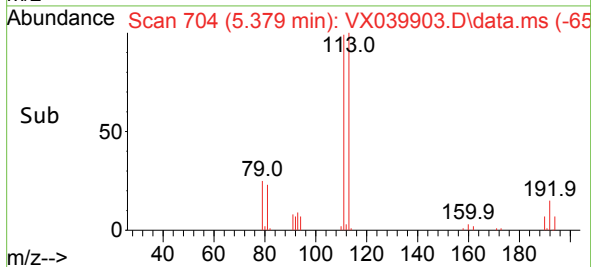
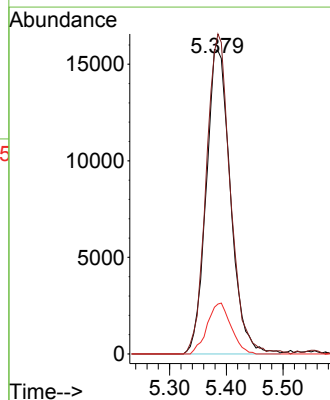
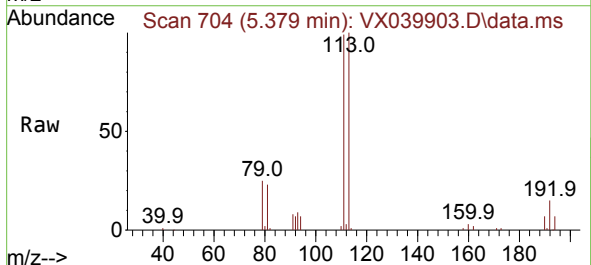
Instrument :
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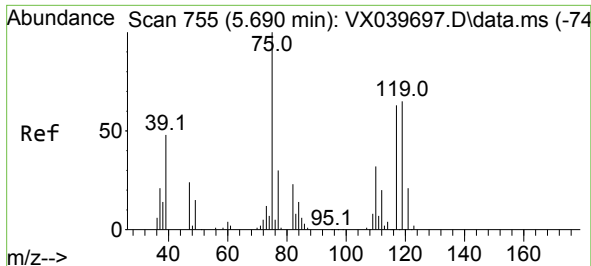
Tgt Ion:114 Resp: 144572
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.231 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039903.D
Acq: 23 Jan 2024 12:32

Tgt Ion:113 Resp: 46965
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 16.4 13.3 19.9

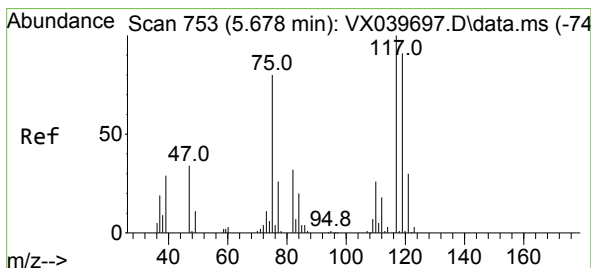
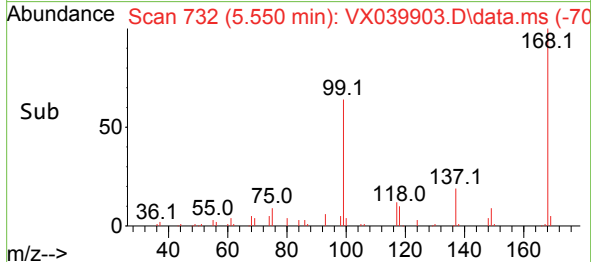
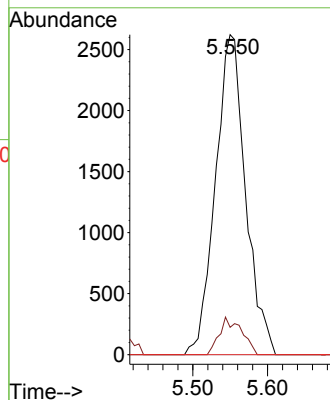
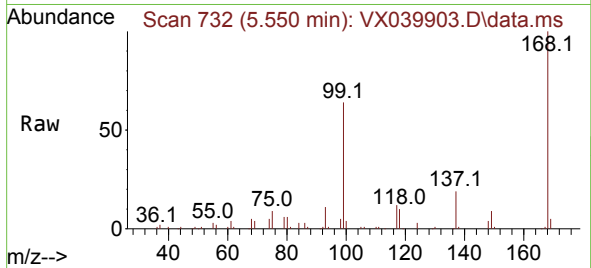




#36
1,1-Dichloropropene
Concen: 4.845 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039903.D
Acq: 23 Jan 2024 12:32

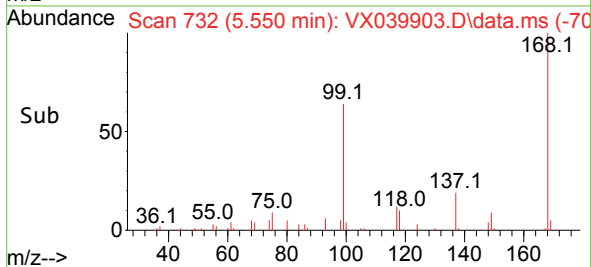
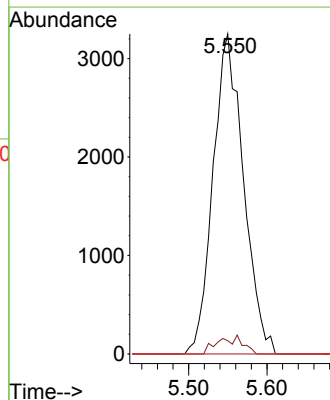
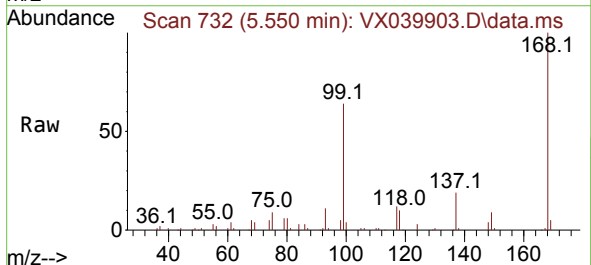
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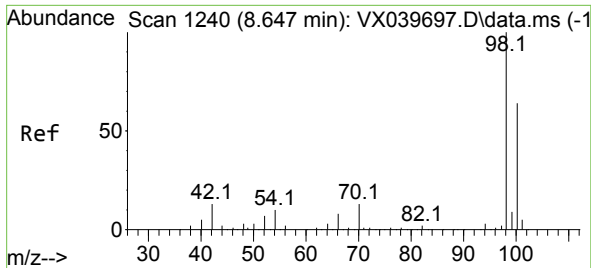
Tgt Ion: 75 Resp: 7343
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.312 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039903.D
Acq: 23 Jan 2024 12:32

Tgt Ion: 117 Resp: 8763
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

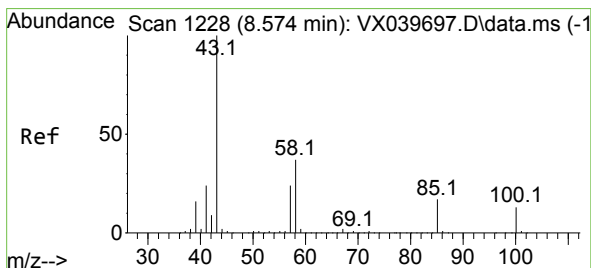
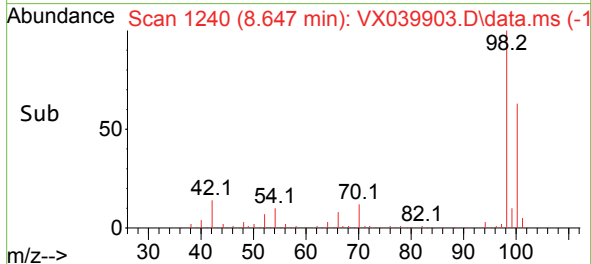
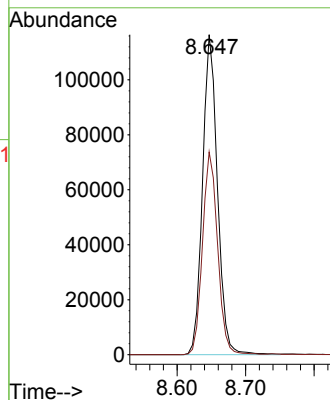
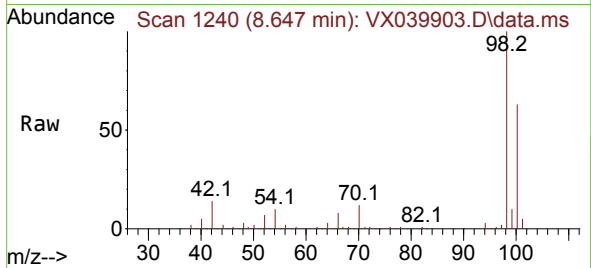




#50
Toluene-d8
Concen: 48.023 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039903.D
Acq: 23 Jan 2024 12:32

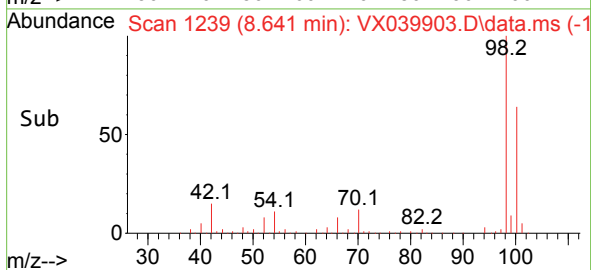
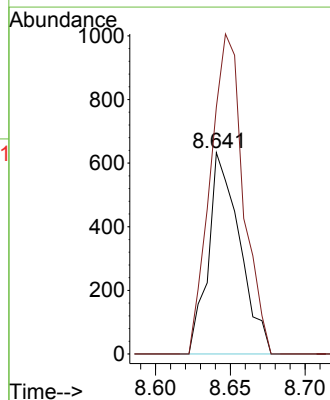
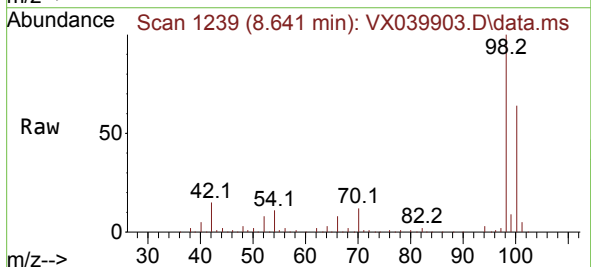
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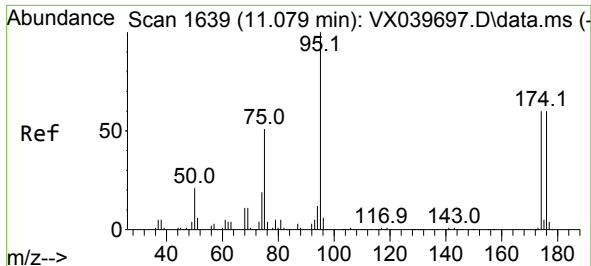
Tgt Ion: 98 Resp: 176367
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.452 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039903.D
Acq: 23 Jan 2024 12:32

Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 167.9 30.4 45.6#

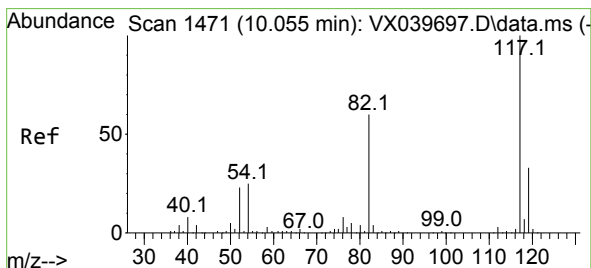
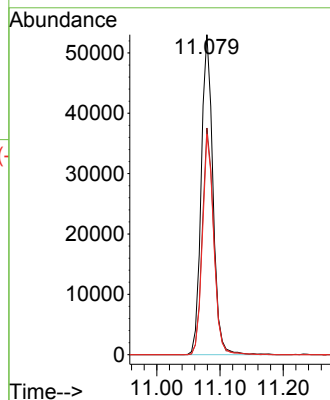
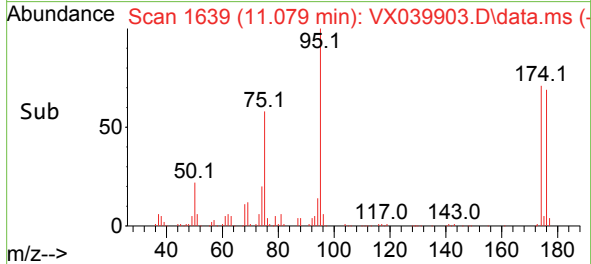
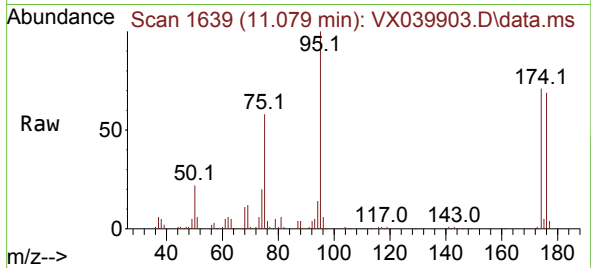




#62
4-Bromofluorobenzene
Concen: 47.524 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039903.D
Acq: 23 Jan 2024 12:32

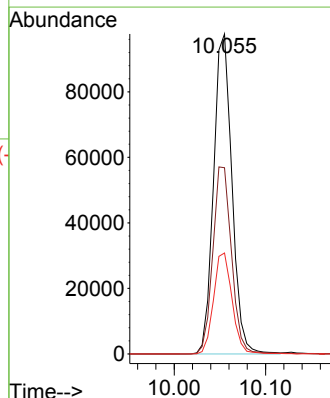
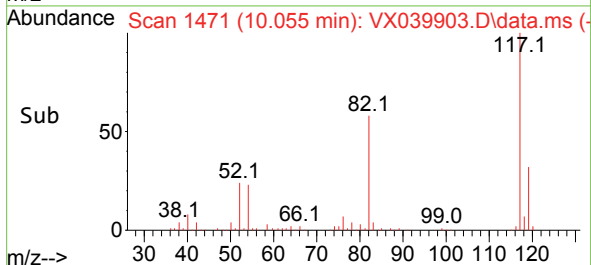
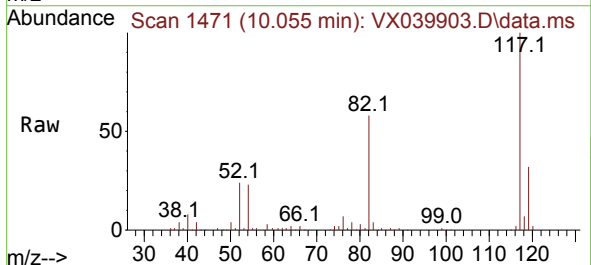
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-C-20240118

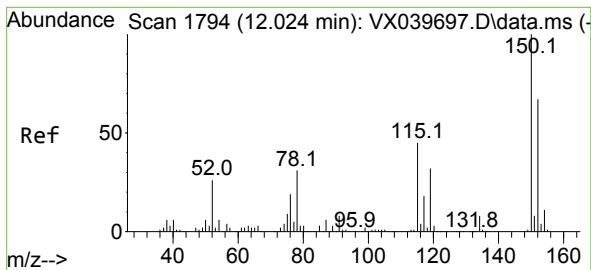
Tgt Ion: 95 Resp: 68252
Ion Ratio Lower Upper
95 100
174 69.5 0.0 135.6
176 66.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039903.D
Acq: 23 Jan 2024 12:32

Tgt Ion: 117 Resp: 136297
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 31.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039903.D

Acq: 23 Jan 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

RE137-SP302-C-20240118

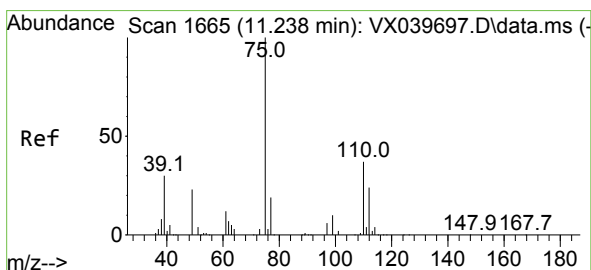
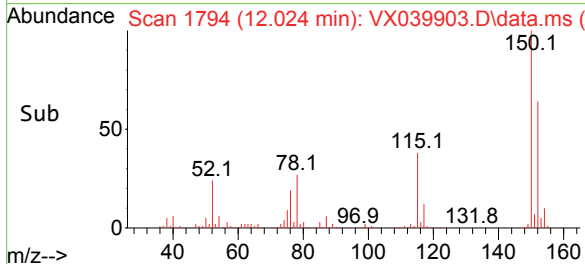
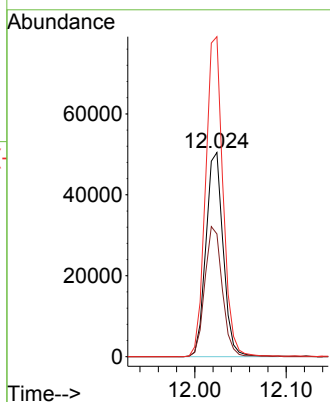
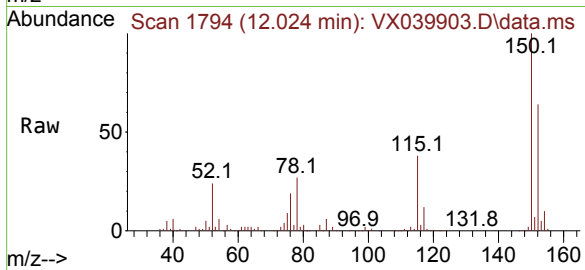
Tgt Ion:152 Resp: 66045

Ion Ratio Lower Upper

152 100

115 64.5 43.3 129.9

150 157.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.611 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039903.D

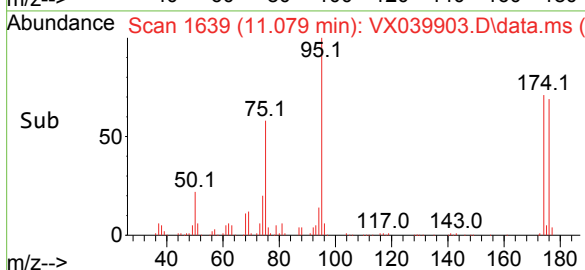
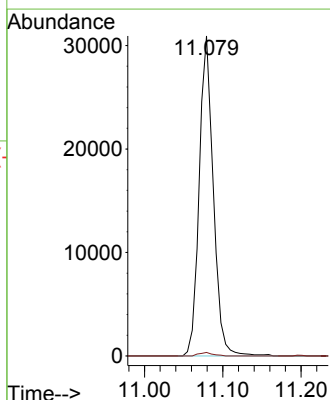
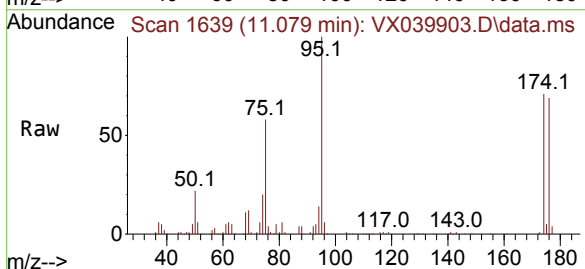
Acq: 23 Jan 2024 12:32

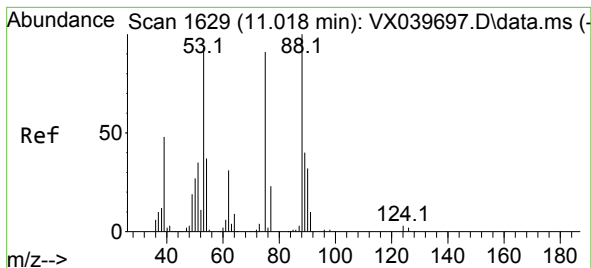
Tgt Ion: 75 Resp: 38716

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 65.418 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX039903.D

Acq: 23 Jan 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

RE137-SP302-C-20240118

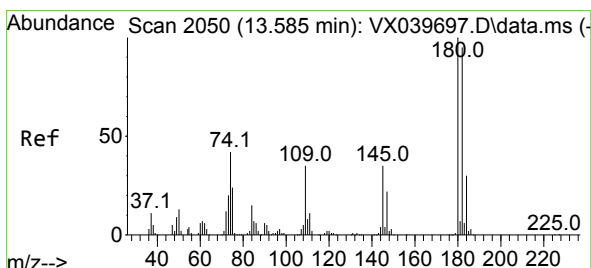
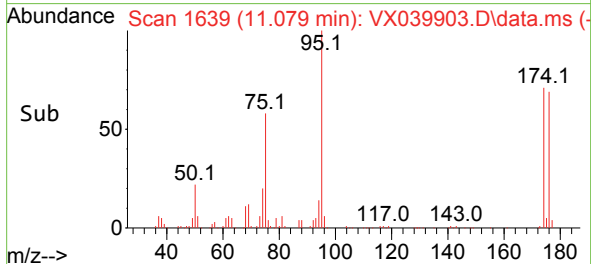
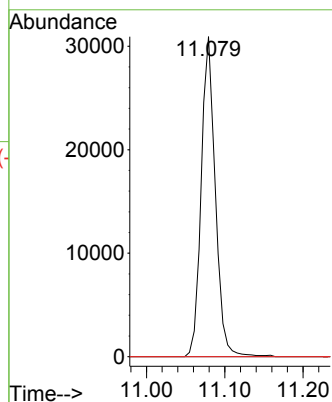
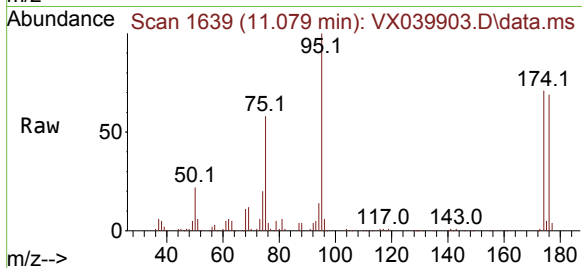
Tgt Ion: 75 Resp: 38716

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#



#93

1,2,4-Trichlorobenzene

Concen: 0.288 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039903.D

Acq: 23 Jan 2024 12:32

Tgt Ion:180 Resp: 391

Ion Ratio Lower Upper

180 100

182 78.8 48.3 144.8

145 10.5 18.0 54.0#

