

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039848.D
 Acq On : 19 Jan 2024 18:37
 Operator : JC/MD
 Sample : P1196-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jan 20 00:30:39 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)

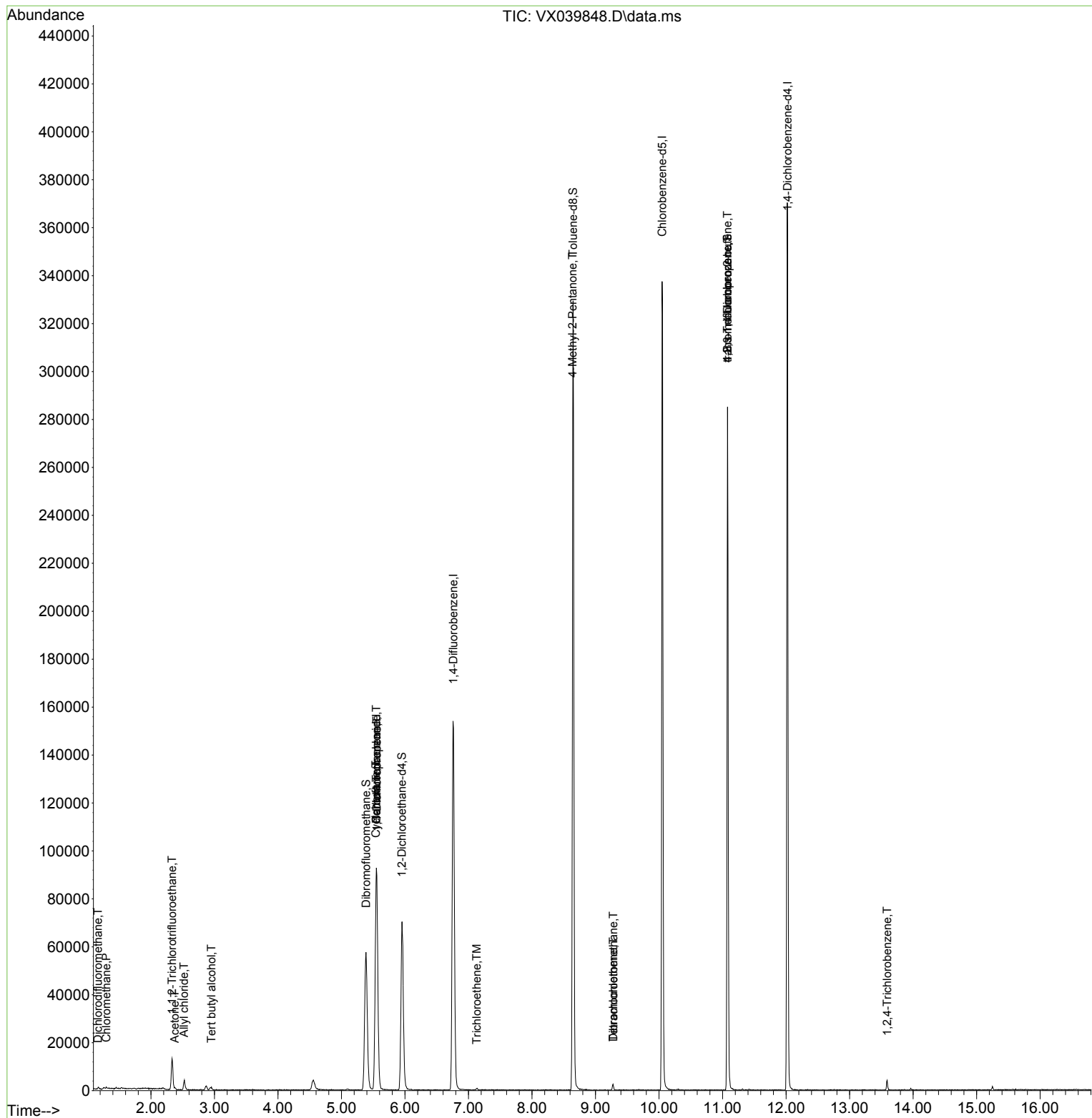
Internal Standards						
1) Pentafluorobenzene	5.550	168	82574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152890	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64381	46.544	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.080%
35) Dibromofluoromethane	5.385	113	50247	48.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.580%
50) Toluene-d8	8.647	98	188188	48.454	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.900%
62) 4-Bromofluorobenzene	11.079	95	73720	48.539	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	328	0.307	ug/l #	41
3) Chloromethane	1.294	50	272	0.223	ug/l #	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	5405	5.249	ug/l	93
11) Tert butyl alcohol	2.953	59	831	2.308	ug/l #	78
14) Allyl chloride	2.520	41	496	0.254	ug/l #	89
16) Acetone	2.374	43	869	1.117	ug/l #	44
31) Cyclohexane	5.544	56	2151	1.178	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	7404	4.619	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9369	6.382	ug/l #	16
44) Trichloroethene	7.129	130	267	0.240	ug/l	85
51) 4-Methyl-2-Pentanone	8.641	43	925	0.428	ug/l #	1
60) Dibromochloromethane	9.281	129	387	0.356	ug/l #	11
64) Tetrachloroethene	9.281	164	430	0.449	ug/l #	68
76) 1,2,3-Trichloropropane	11.079	75	40863	22.107	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	40863	64.122	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1071	0.732	ug/l	94

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

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RE137-SP302-A-20240118

Quant Time: Jan 20 00:30:39 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

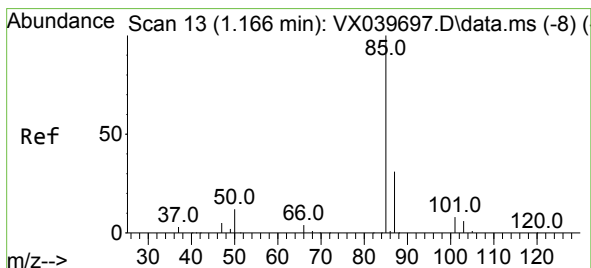
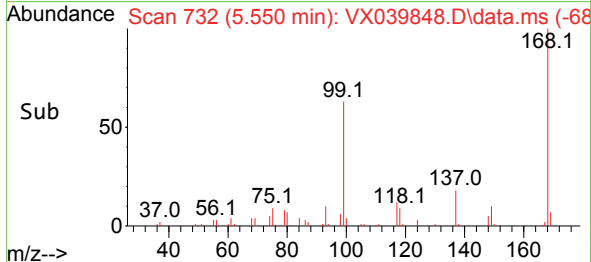
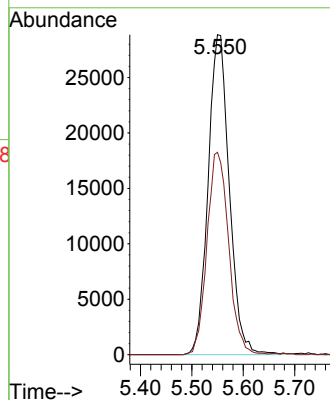
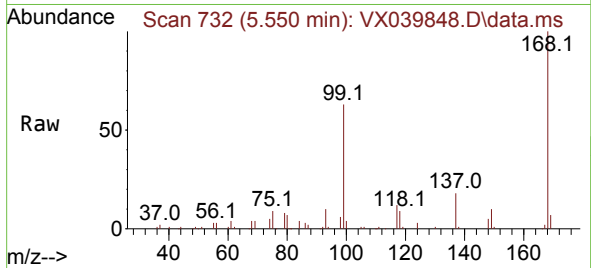




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

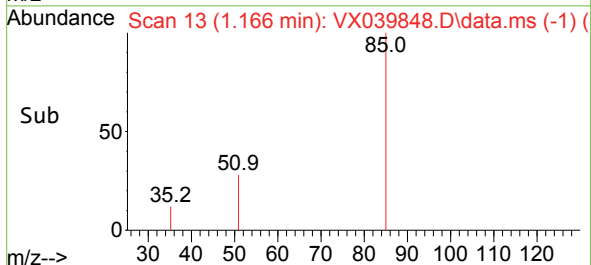
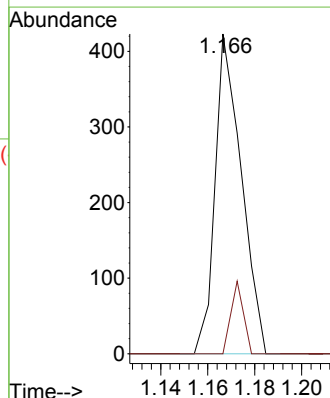
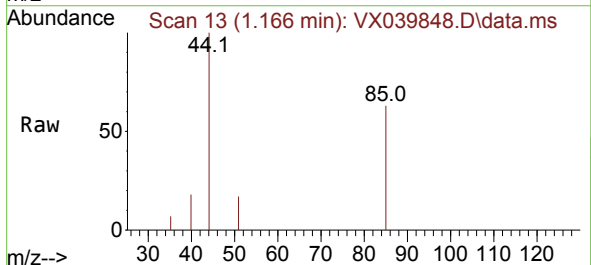
Instrument : MSVOA_X
ClientSampleId : RE137-SP302-A-20240118

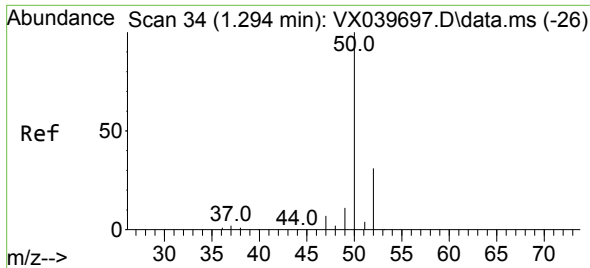
Tgt Ion:168 Resp: 82574
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.307 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

Tgt Ion: 85 Resp: 328
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#

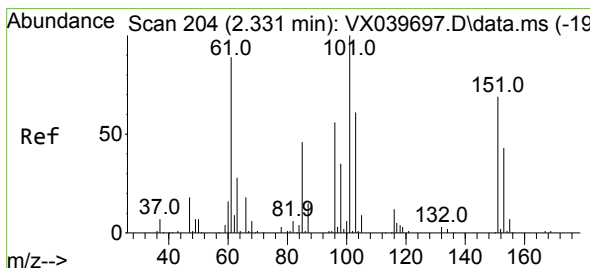
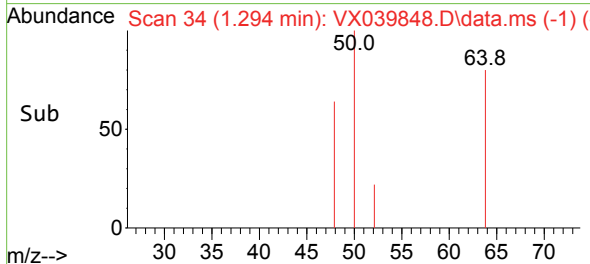
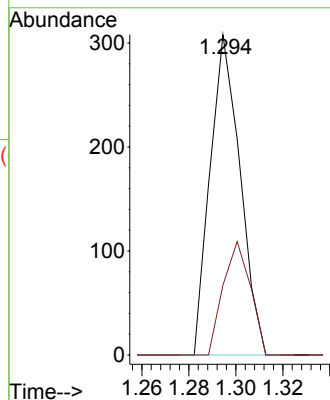
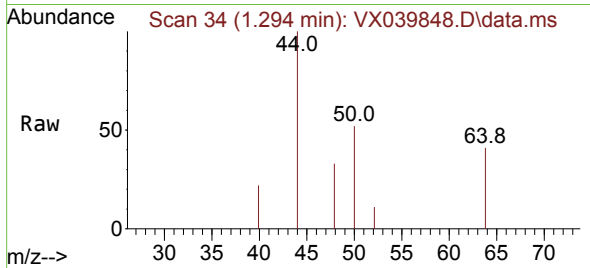




#3
Chloromethane
Concen: 0.223 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

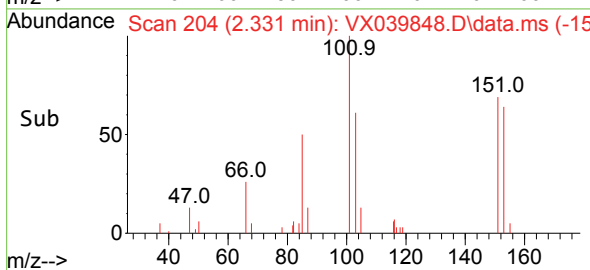
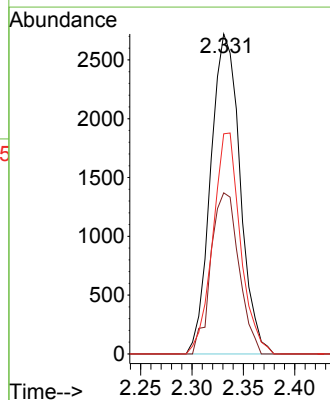
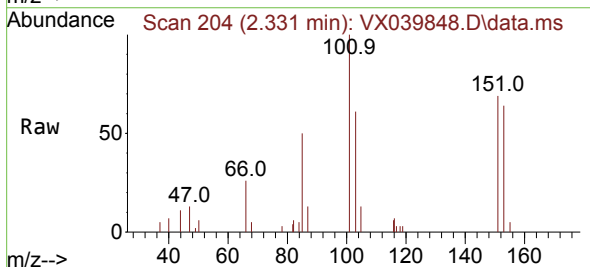
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-A-20240118

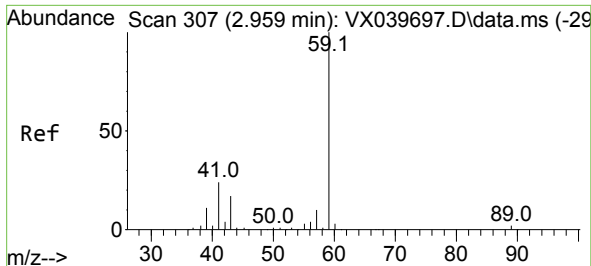
Tgt Ion: 50 Resp: 272
Ion Ratio Lower Upper
50 100
52 21.8 25.5 38.3#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.249 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

Tgt Ion: 101 Resp: 5405
Ion Ratio Lower Upper
101 100
85 48.0 37.0 55.6
151 64.8 58.6 87.8





#11

Tert butyl alcohol

Concen: 2.308 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX039848.D

Acq: 19 Jan 2024 18:37

Instrument :

MSVOA_X

ClientSampleId :

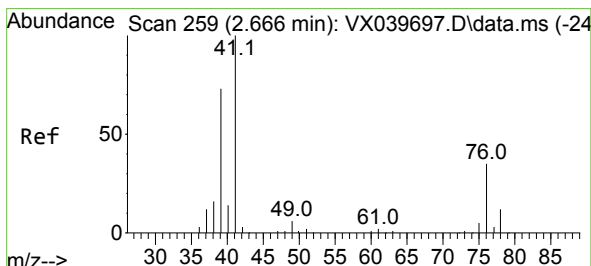
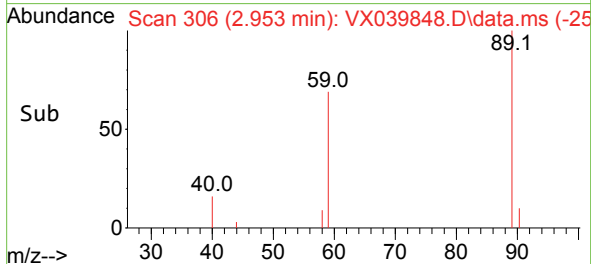
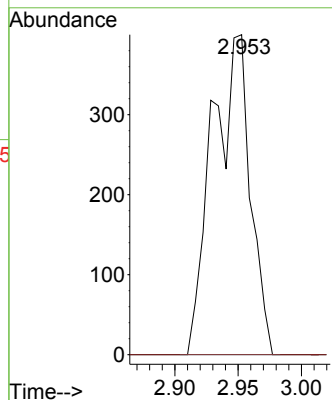
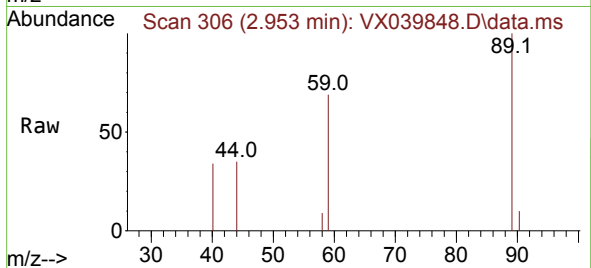
RE137-SP302-A-20240118

Tgt Ion: 59 Resp: 831

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#14

Allyl chloride

Concen: 0.254 ug/l

RT: 2.520 min Scan# 235

Delta R.T. -0.146 min

Lab File: VX039848.D

Acq: 19 Jan 2024 18:37

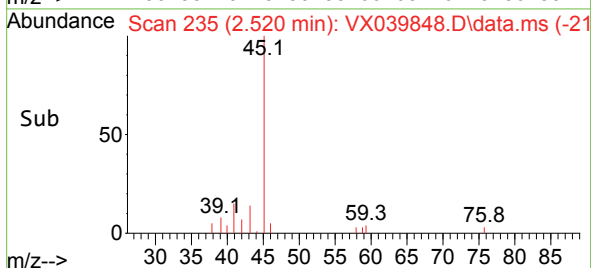
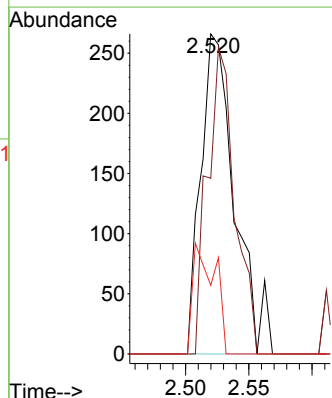
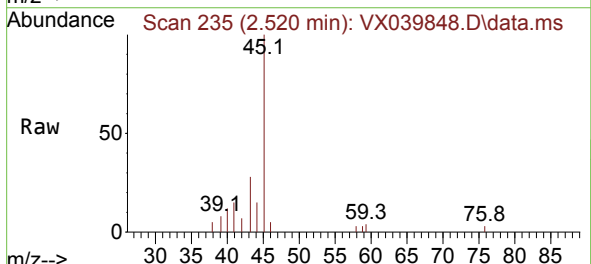
Tgt Ion: 41 Resp: 496

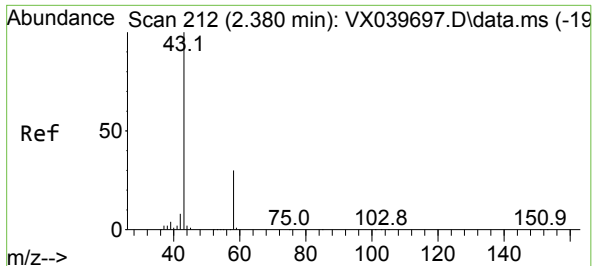
Ion Ratio Lower Upper

41 100

39 77.2 55.8 83.6

76 22.4 24.3 36.5#





#16

Acetone

Concen: 1.117 ug/l

RT: 2.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX039848.D

Acq: 19 Jan 2024 18:37

Instrument :

MSVOA_X

ClientSampleId :

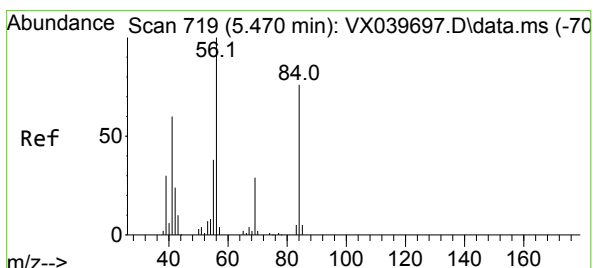
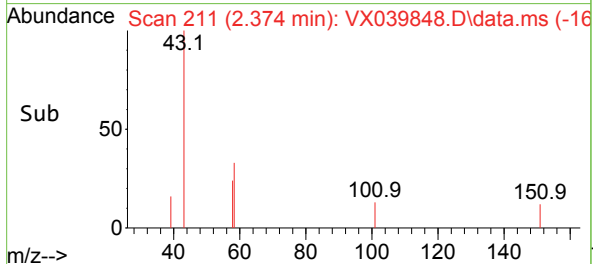
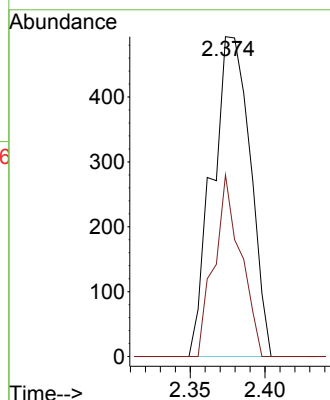
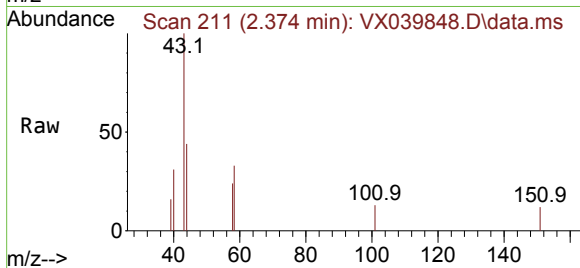
RE137-SP302-A-20240118

Tgt Ion: 43 Resp: 869

Ion Ratio Lower Upper

43 100

58 56.8 21.9 32.9#



#31

Cyclohexane

Concen: 1.178 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX039848.D

Acq: 19 Jan 2024 18:37

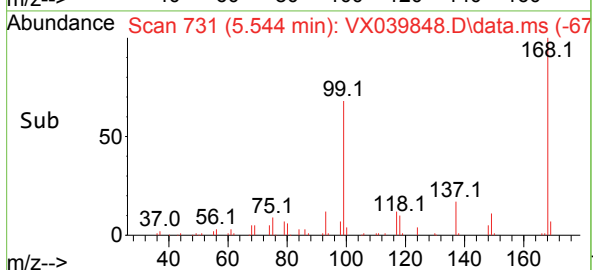
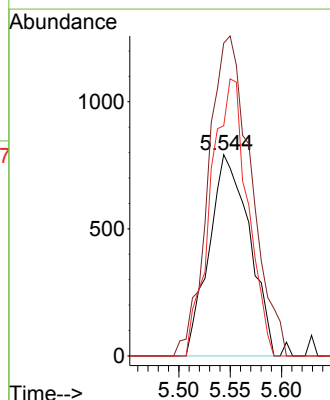
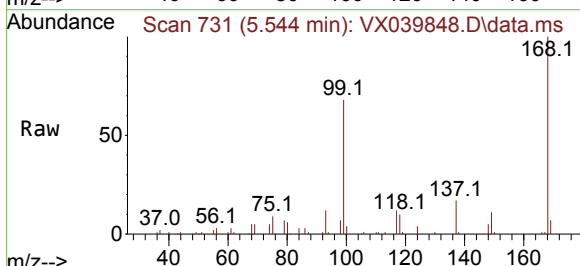
Tgt Ion: 56 Resp: 2151

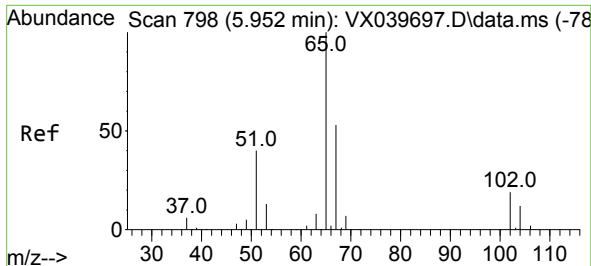
Ion Ratio Lower Upper

56 100

69 148.0 23.4 35.2#

84 114.4 65.9 98.9#

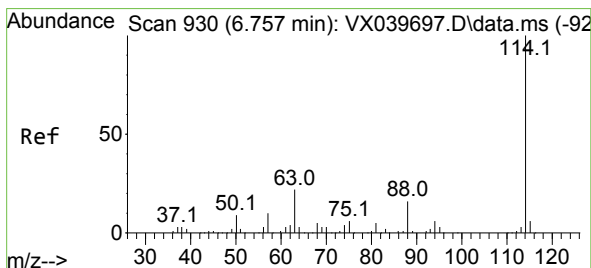
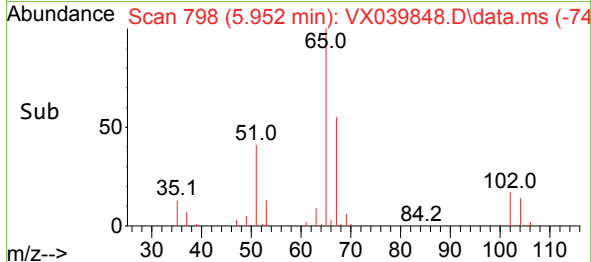
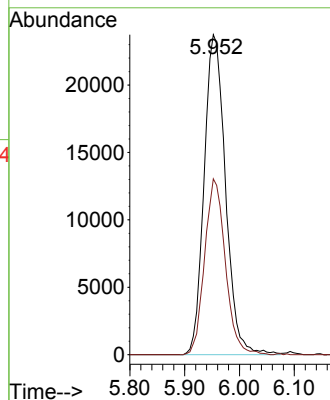
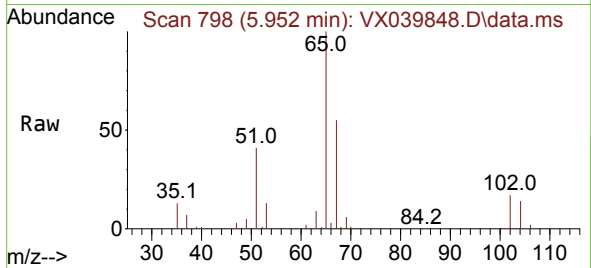




#33
 1,2-Dichloroethane-d4
 Concen: 46.544 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039848.D
 Acq: 19 Jan 2024 18:37

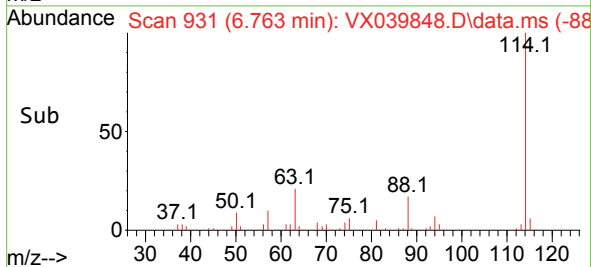
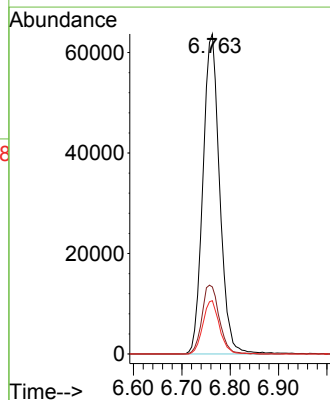
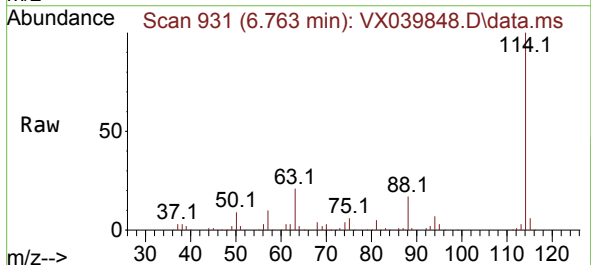
Instrument :
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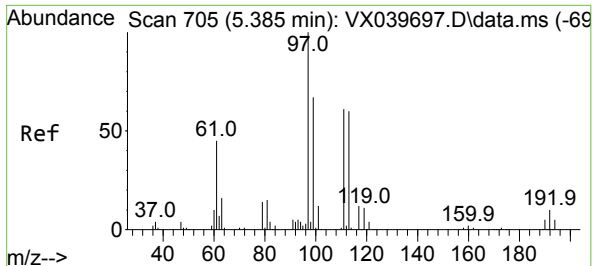
Tgt Ion: 65 Resp: 64381
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX039848.D
 Acq: 19 Jan 2024 18:37

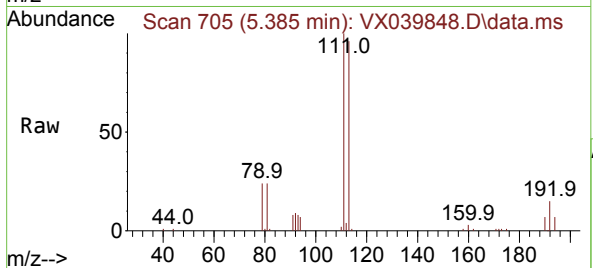
Tgt Ion:114 Resp: 152890
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.0
 88 16.6 0.0 36.6



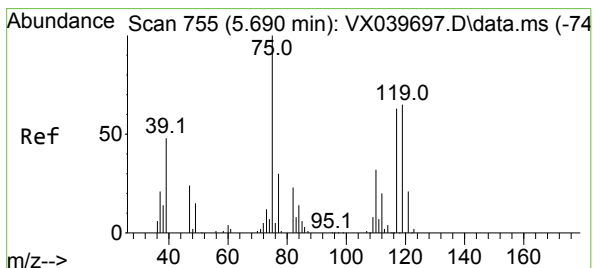
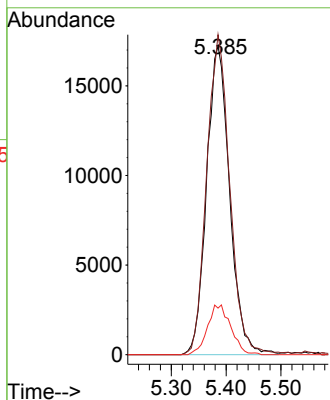
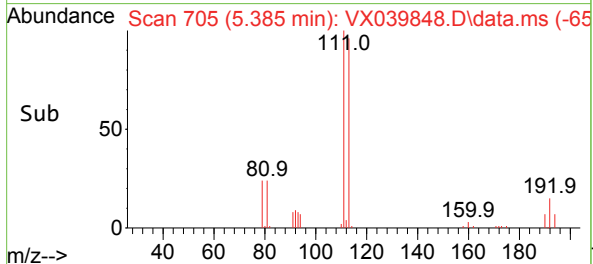


#35
Dibromofluoromethane
Concen: 48.794 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

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

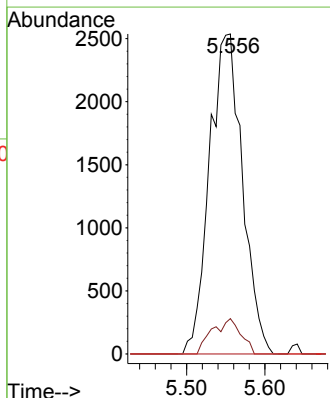
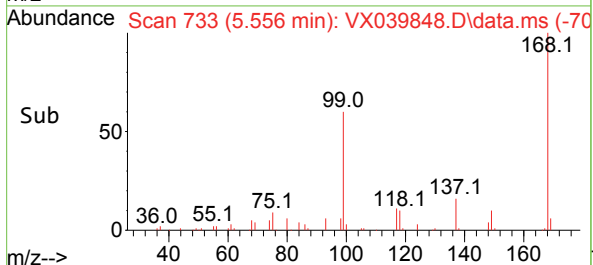
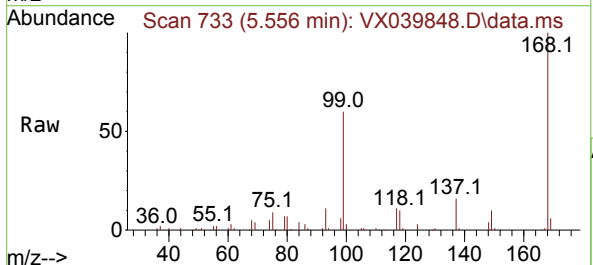


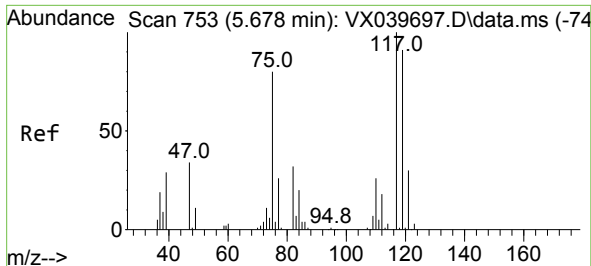
Tgt Ion:113 Resp: 50247
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 16.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.619 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

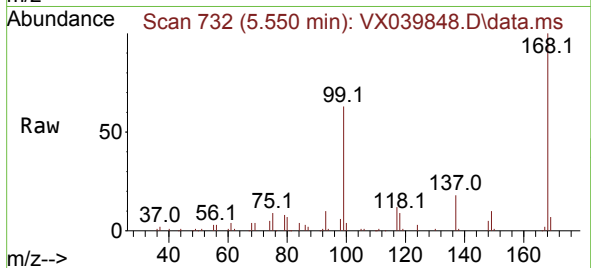
Tgt Ion: 75 Resp: 7404
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



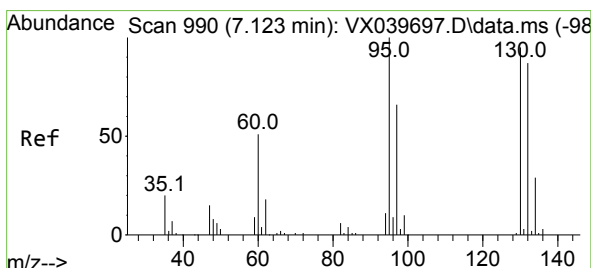
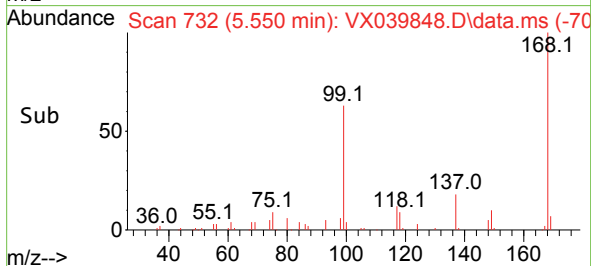
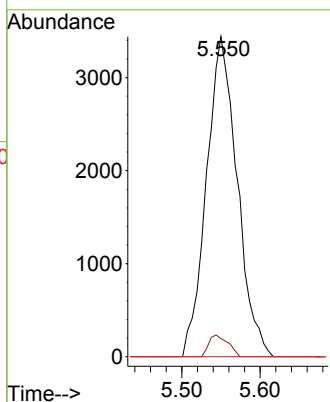


#38
Carbon Tetrachloride
Concen: 6.382 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

Instrument :
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RE137-SP302-A-20240118

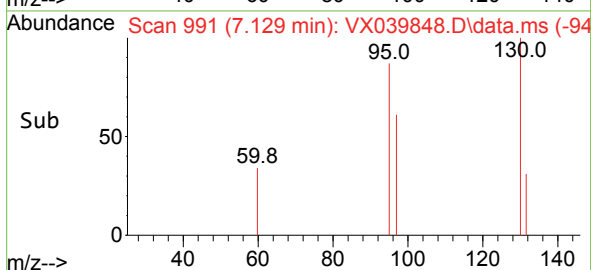
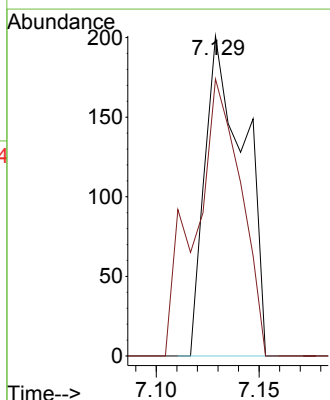
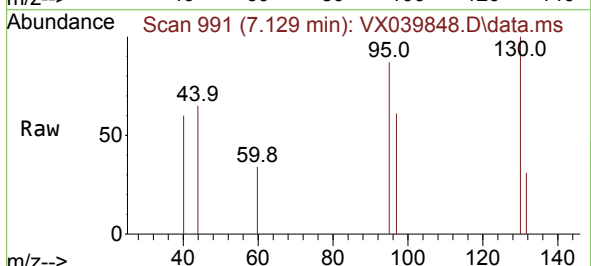


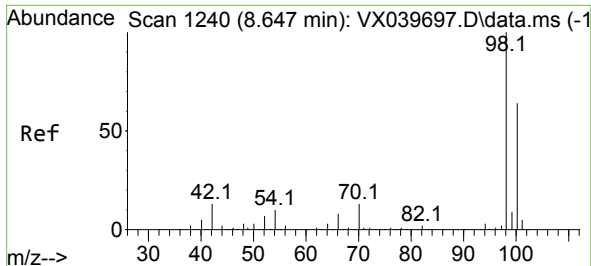
Tgt Ion:117 Resp: 9369
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.240 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

Tgt Ion:130 Resp: 267
Ion Ratio Lower Upper
130 100
95 86.6 0.0 204.4

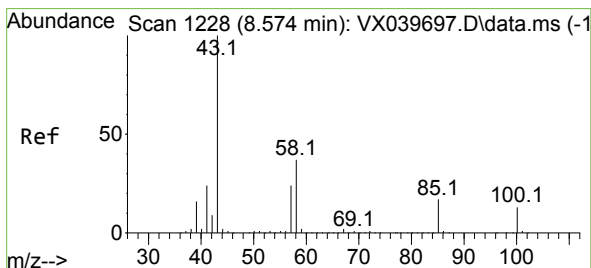
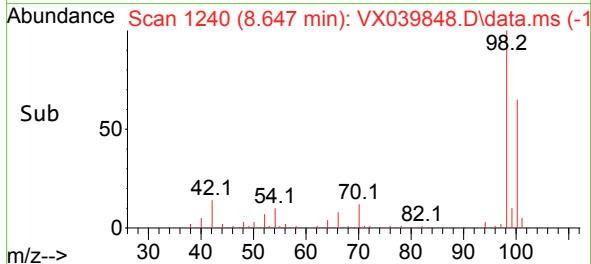
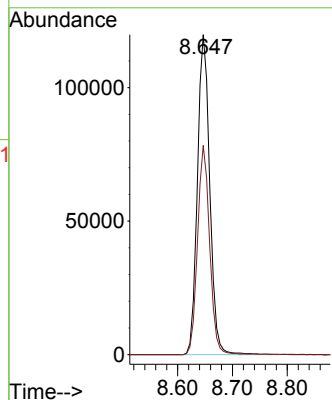
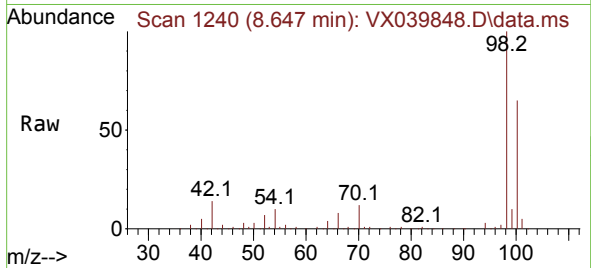




#50
Toluene-d8
Concen: 48.454 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

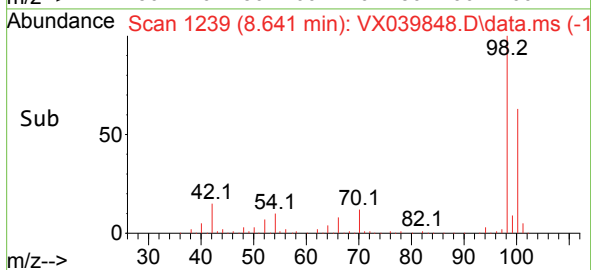
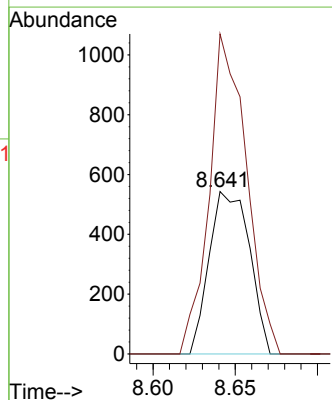
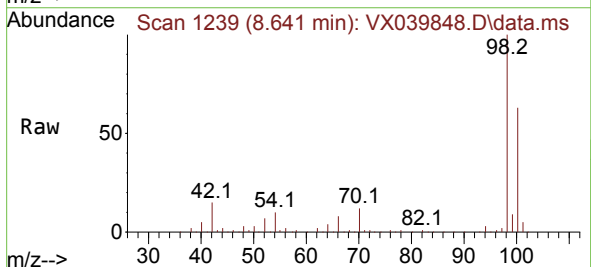
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-A-20240118

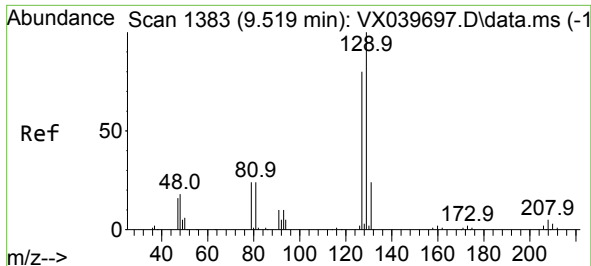
Tgt Ion: 98 Resp: 188188
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.428 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
58 182.1 30.4 45.6#

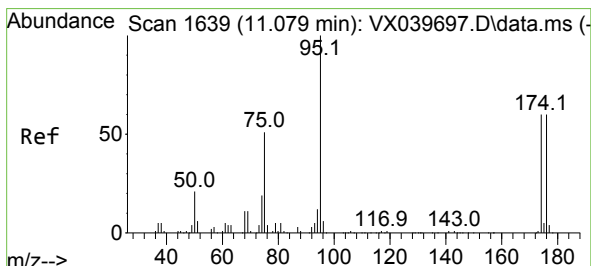
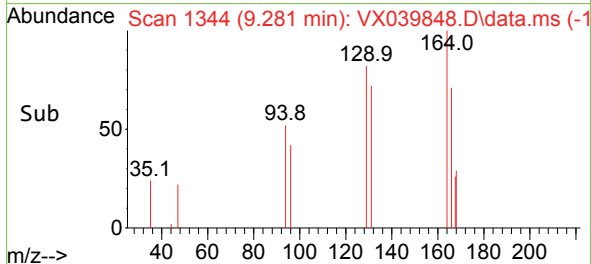
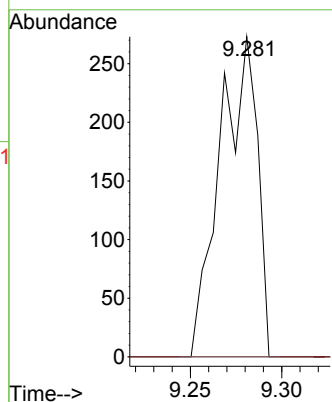
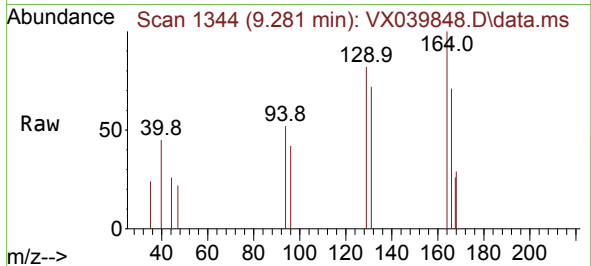




#60
Dibromochloromethane
Concen: 0.356 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

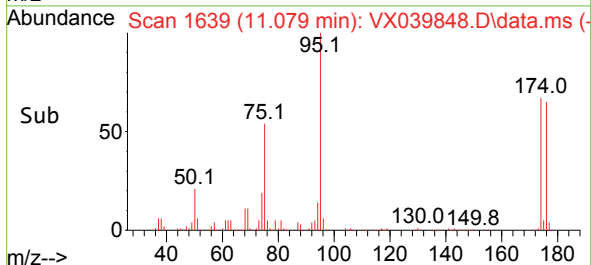
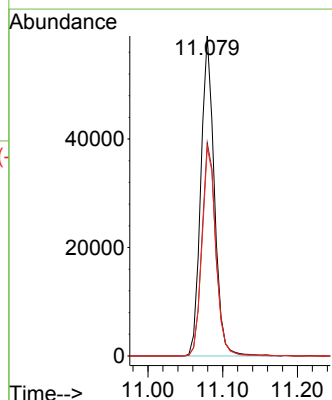
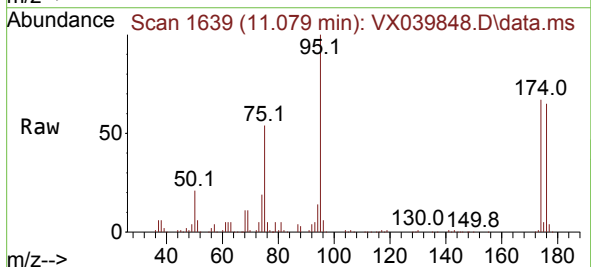
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-A-20240118

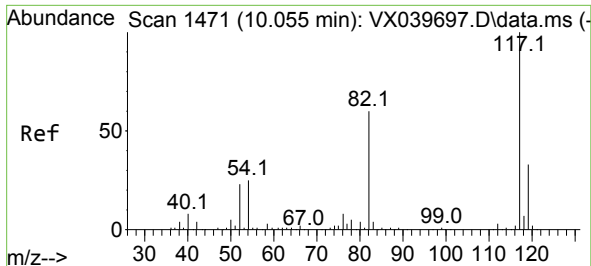
Tgt Ion:129 Resp: 387
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 48.539 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

Tgt Ion: 95 Resp: 73720
Ion Ratio Lower Upper
95 100
174 69.0 0.0 135.6
176 67.0 0.0 131.0

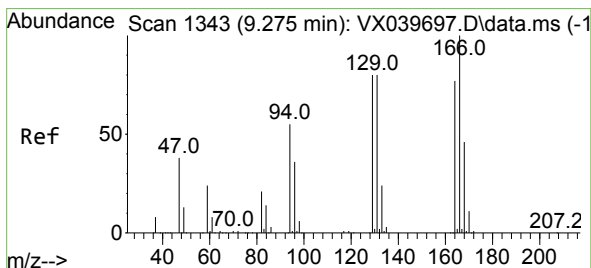
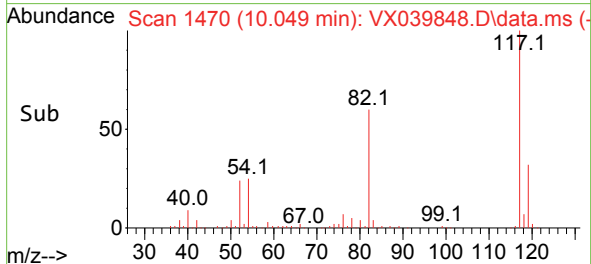
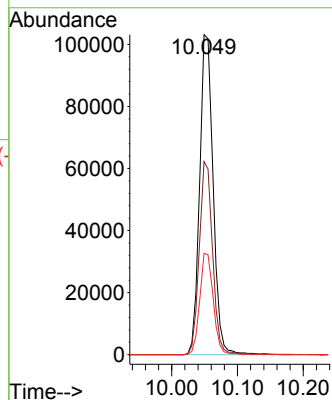
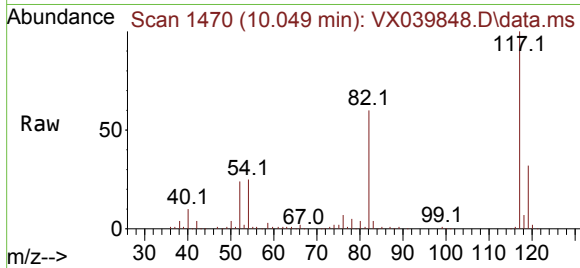




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

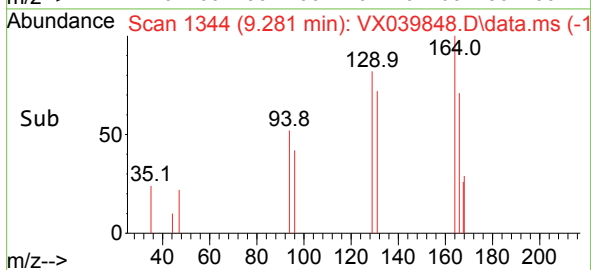
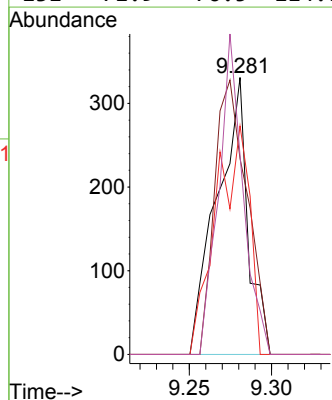
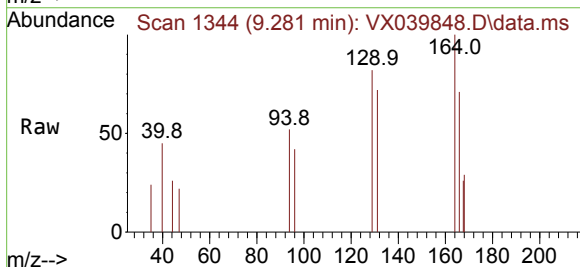
Instrument : MSVOA_X
ClientSampleId : RE137-SP302-A-20240118

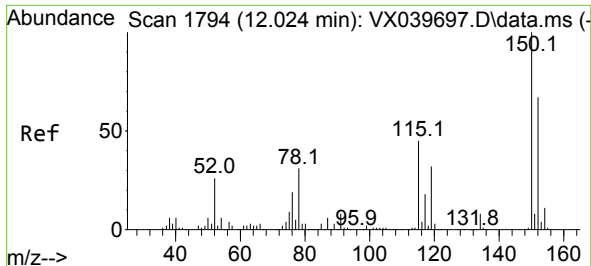
Tgt Ion:117 Resp: 147111
Ion Ratio Lower Upper
117 100
82 60.4 46.2 69.4
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 0.449 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

Tgt Ion:164 Resp: 430
Ion Ratio Lower Upper
164 100
166 70.7 102.7 154.1#
129 82.5 80.4 120.6
131 71.9 76.5 114.7#

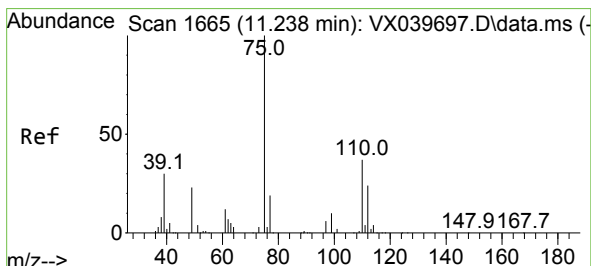
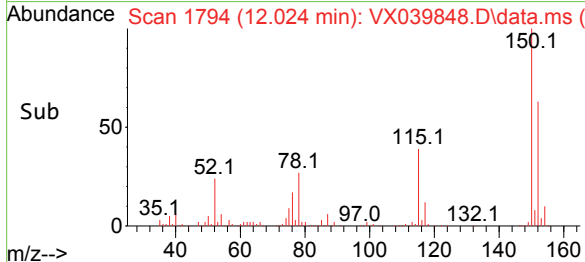
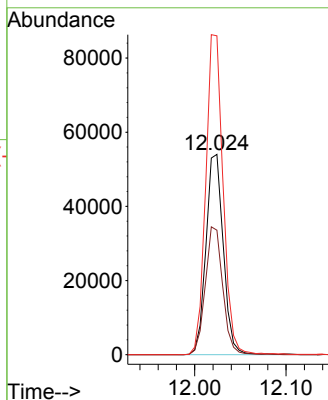
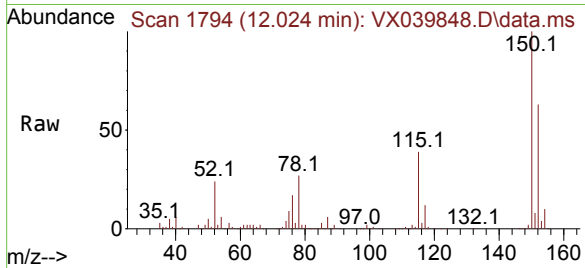




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

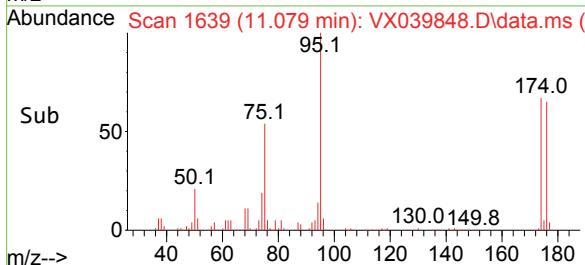
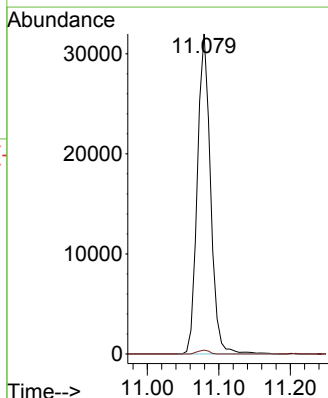
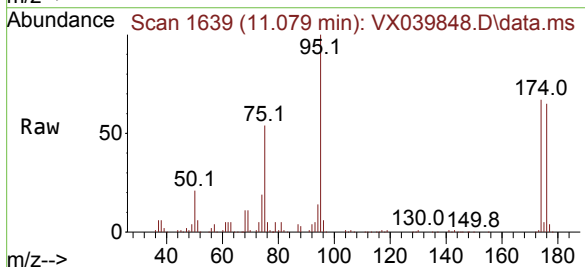
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-A-20240118

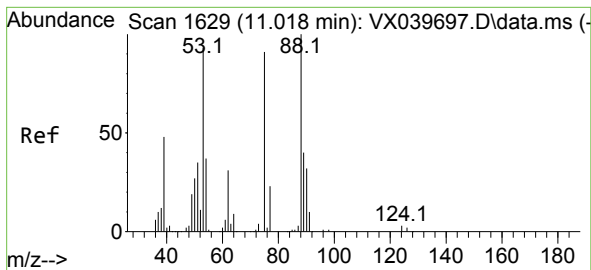
Tgt Ion:152 Resp: 71296
Ion Ratio Lower Upper
152 100
115 64.1 43.3 129.9
150 159.5 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 22.107 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

Tgt Ion: 75 Resp: 40863
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

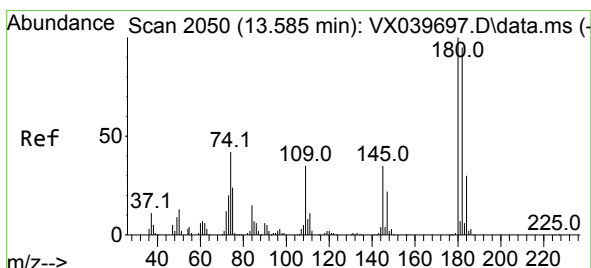
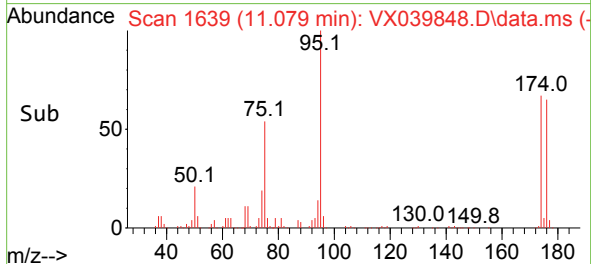
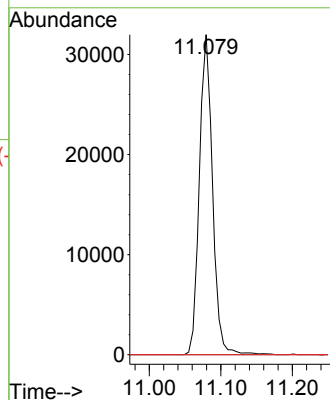
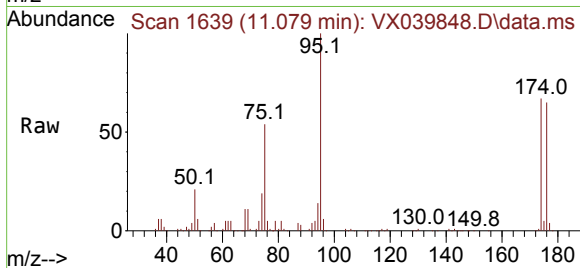




#81
trans-1,4-Dichloro-2-butene
Concen: 64.122 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

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

Tgt Ion: 75 Resp: 40863
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: 0.732 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039848.D
Acq: 19 Jan 2024 18:37

Tgt Ion: 180 Resp: 1071
Ion Ratio Lower Upper
180 100
182 100.9 48.3 144.8
145 30.4 18.0 54.0

