

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040480.D
 Acq On : 27 Feb 2024 11:35
 Operator : JC/MD
 Sample : P1578-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20240222DL

Quant Time: Feb 28 02:00:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

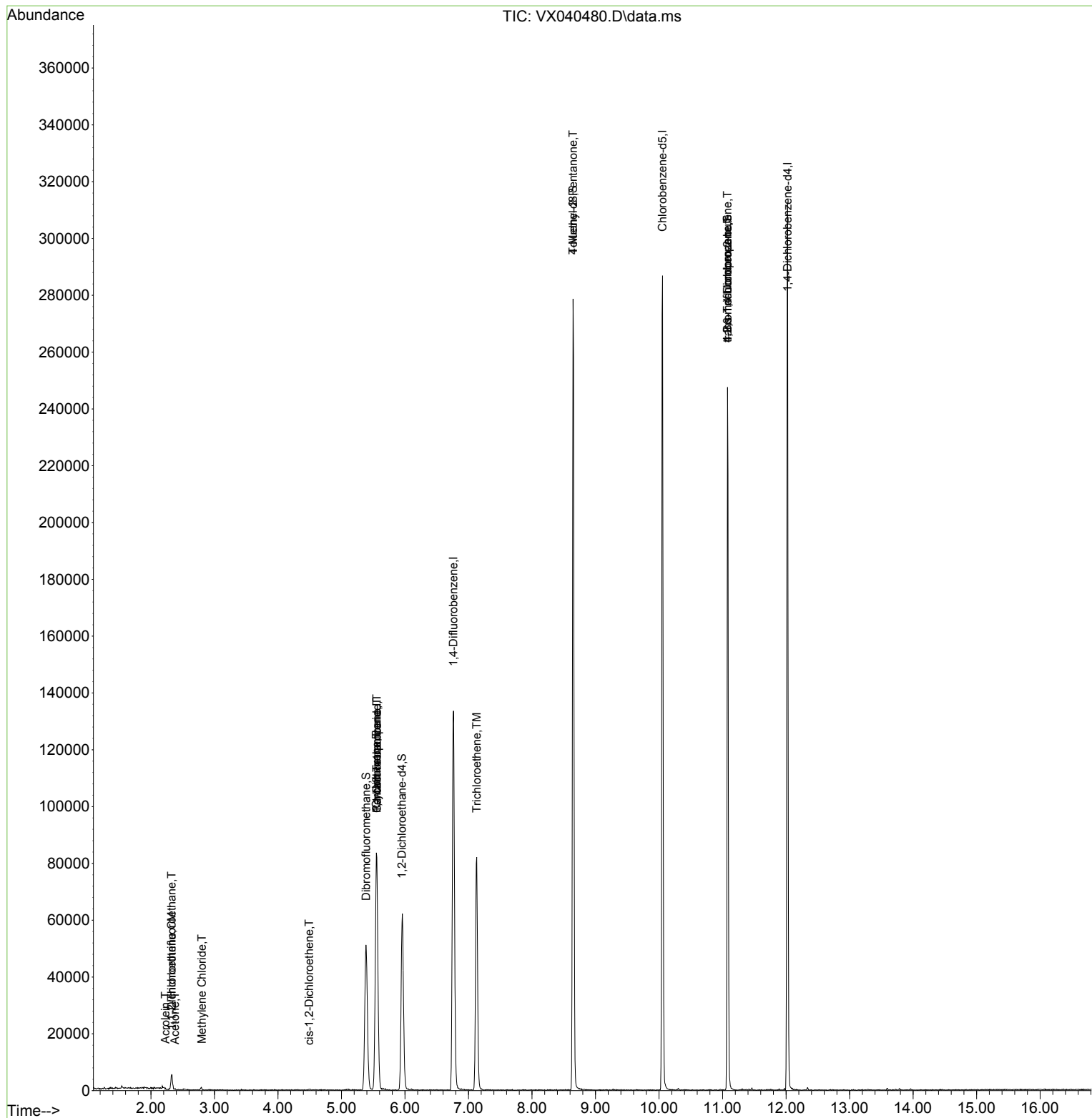
Internal Standards						
1) Pentafluorobenzene	5.556	168	73727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128747	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60820	49.322	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.640%		
35) Dibromofluoromethane	5.385	113	43386	48.460	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.920%		
50) Toluene-d8	8.647	98	157335	48.413	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.820%		
62) 4-Bromofluorobenzene	11.079	95	61744	49.842	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.680%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	1653	1.976	ug/l	98
12) 1,1-Dichloroethene	2.325	96	663	0.789	ug/l #	58
13) Acrolein	2.227	56	27	0.203	ug/l	97
16) Acetone	2.380	43	266	0.661	ug/l #	47
20) Methylene Chloride	2.800	84	272	0.283	ug/l #	53
27) cis-1,2-Dichloroethene	4.489	96	275	0.262	ug/l #	1
31) Cyclohexane	5.550	56	2062	1.476	ug/l #	34
36) 1,1-Dichloropropene	5.556	75	7284	5.281	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8215	6.165	ug/l #	13
44) Trichloroethene	7.129	130	29344	29.217	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	797	0.509	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36203	26.653	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	36203	77.423	ug/l #	5

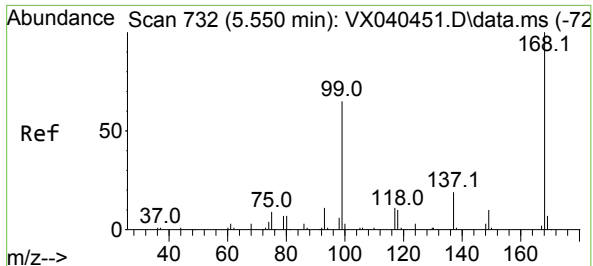
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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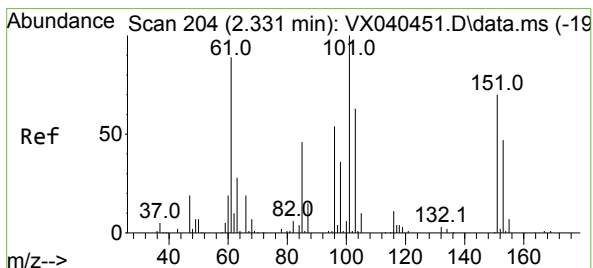
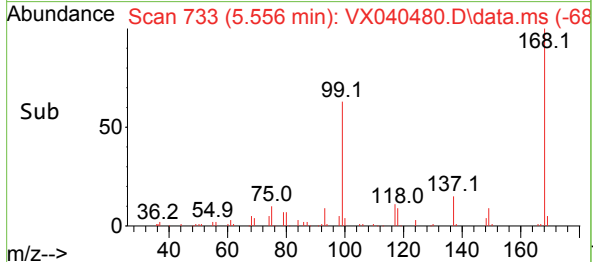
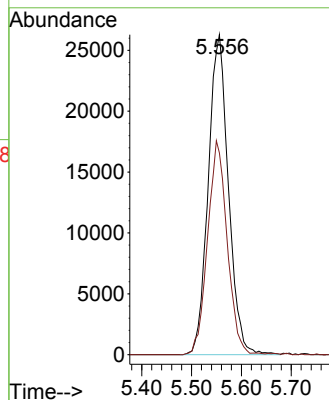
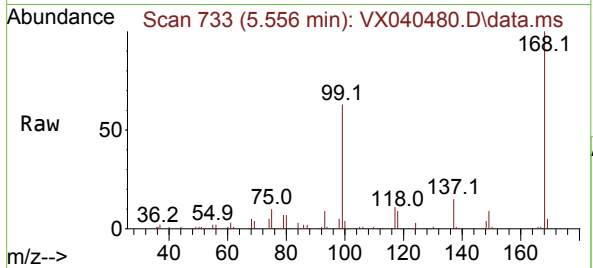




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040480.D
Acq: 27 Feb 2024 11:35

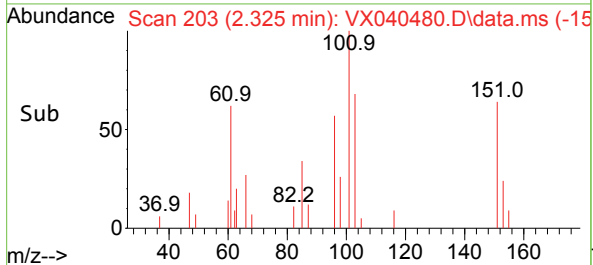
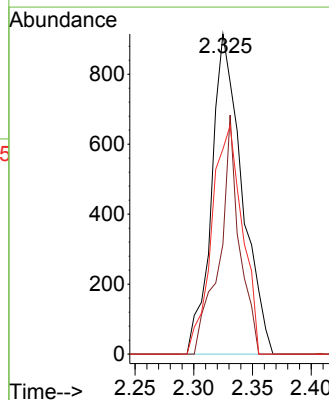
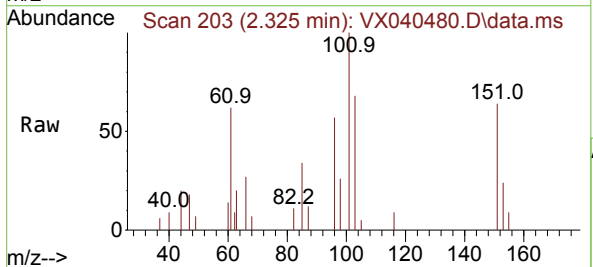
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20240222DL

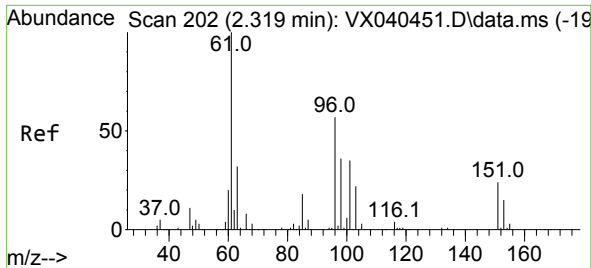
Tgt Ion:168 Resp: 73727
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.976 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX040480.D
Acq: 27 Feb 2024 11:35

Tgt Ion:101 Resp: 1653
Ion Ratio Lower Upper
101 100
85 48.5 37.0 55.6
151 71.5 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.789 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX040480.D

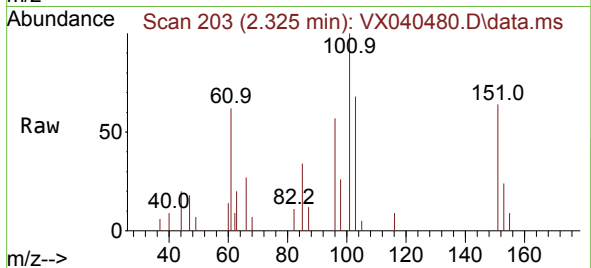
Acq: 27 Feb 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20240222DL



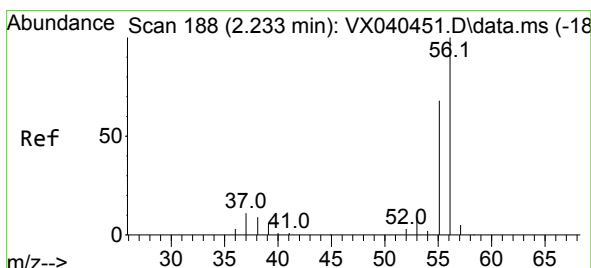
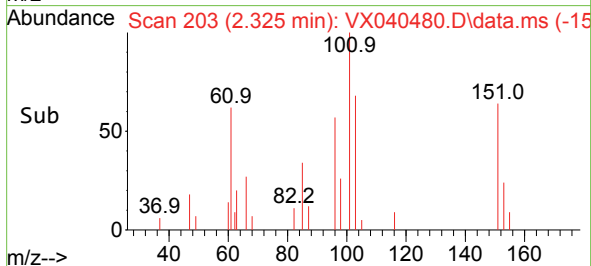
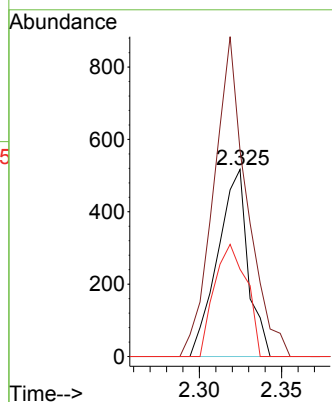
Tgt Ion: 96 Resp: 663

Ion Ratio Lower Upper

96 100

61 110.1 144.6 216.8#

98 46.6 50.4 75.6#



#13

Acrolein

Concen: 0.203 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.006 min

Lab File: VX040480.D

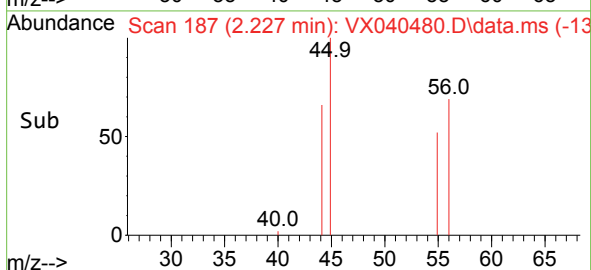
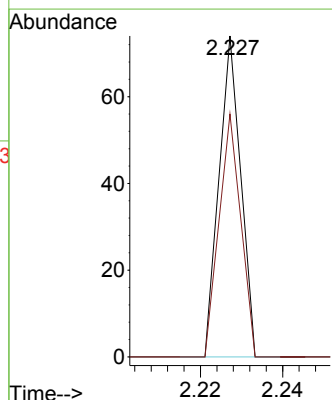
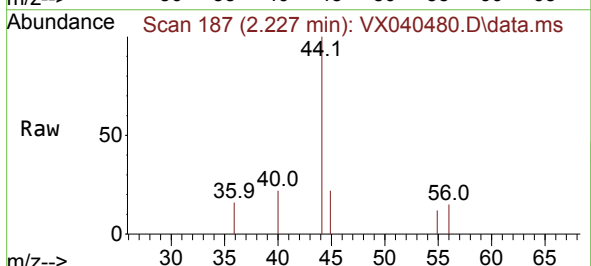
Acq: 27 Feb 2024 11:35

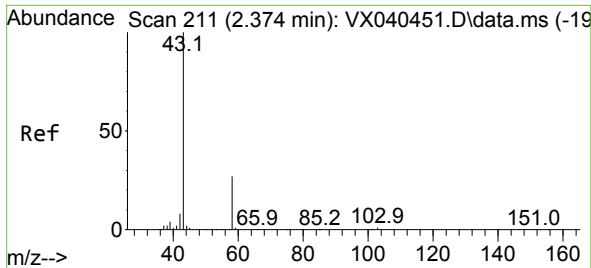
Tgt Ion: 56 Resp: 27

Ion Ratio Lower Upper

56 100

55 74.1 57.1 85.7





#16

Acetone

Concen: 0.661 ug/l

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX040480.D

Acq: 27 Feb 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

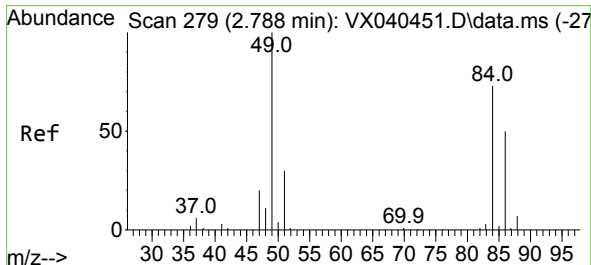
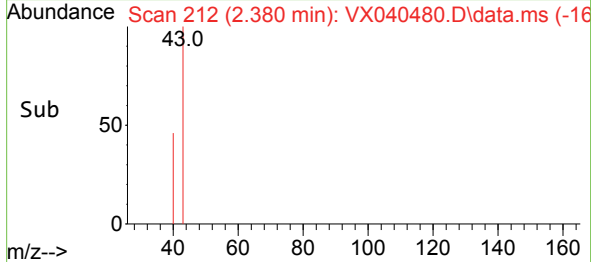
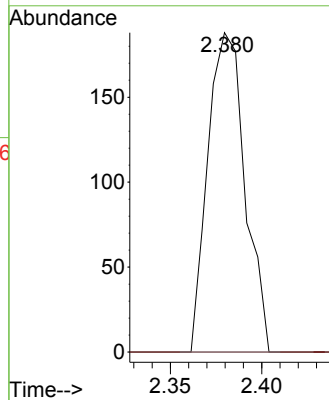
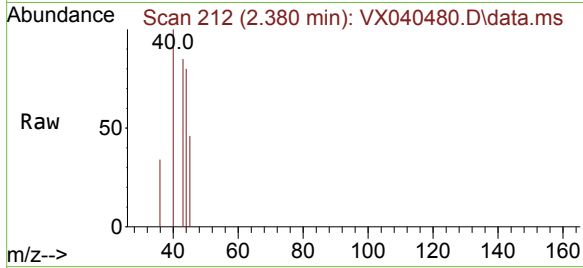
RE115D1-20240222DL

Tgt Ion: 43 Resp: 266

Ion Ratio Lower Upper

43 100

58 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: 0.283 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX040480.D

Acq: 27 Feb 2024 11:35

Tgt Ion: 84 Resp: 272

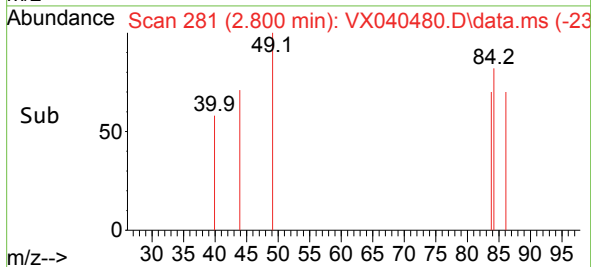
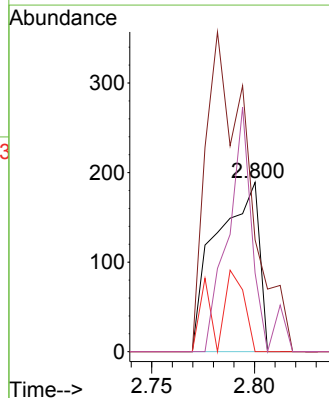
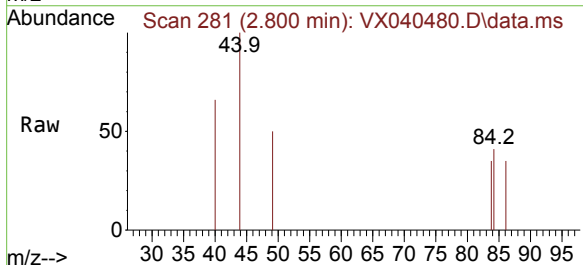
Ion Ratio Lower Upper

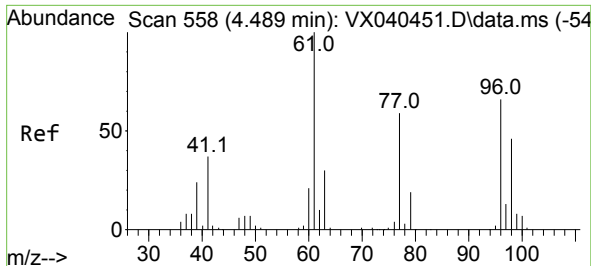
84 100

49 66.1 103.6 155.4#

51 0.0 33.8 50.6#

86 46.6 49.4 74.0#

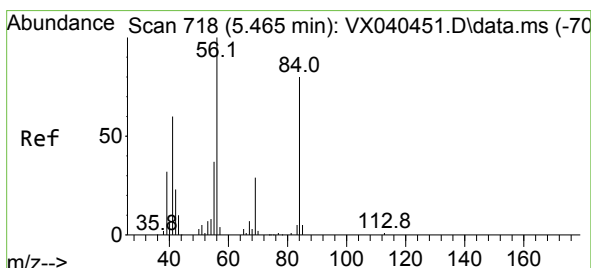
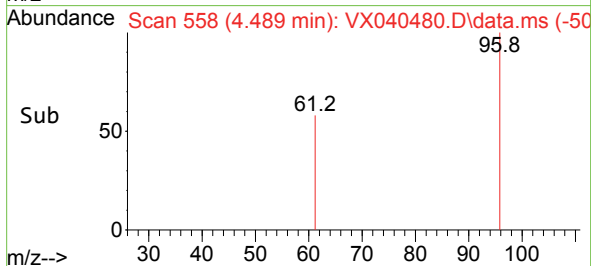
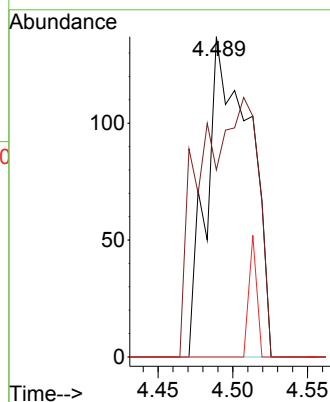
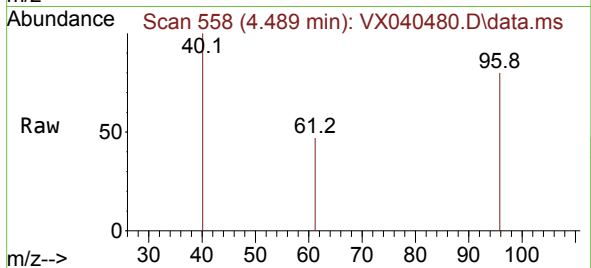




#27
cis-1,2-Dichloroethene
Concen: 0.262 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX040480.D
Acq: 27 Feb 2024 11:35

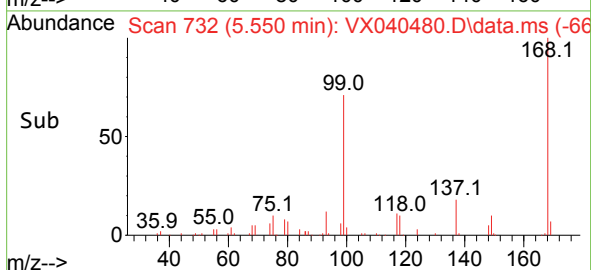
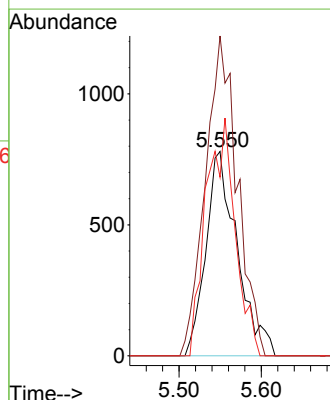
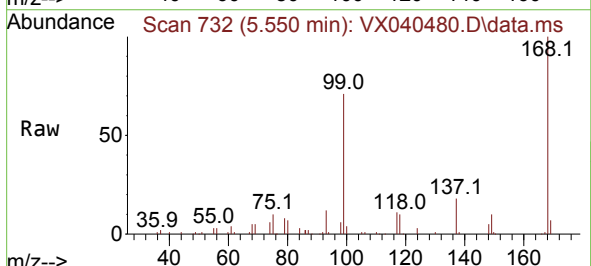
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20240222DL

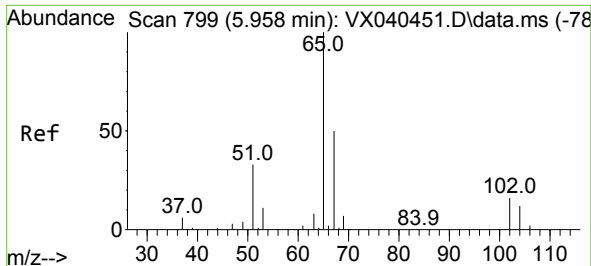
Tgt Ion: 96	Resp:	275	
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	312.2
98	0.0	0.0	129.0



#31
Cyclohexane
Concen: 1.476 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX040480.D
Acq: 27 Feb 2024 11:35

Tgt Ion: 56	Resp:	2062	
Ion	Ratio	Lower	Upper
56	100		
69	156.5	23.4	35.2#
84	87.4	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 49.322 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040480.D

Acq: 27 Feb 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

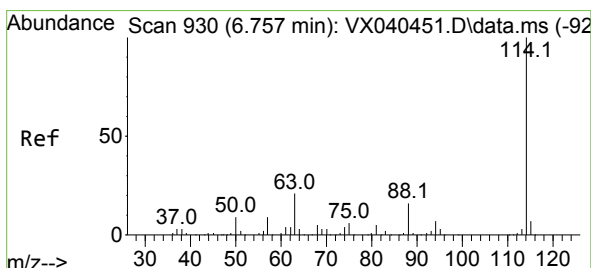
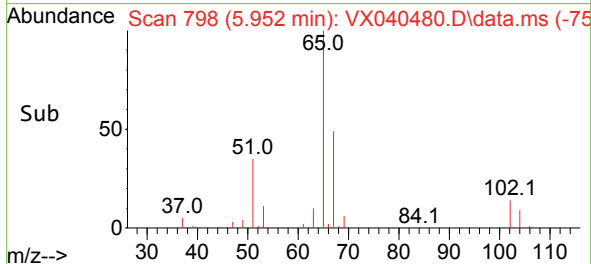
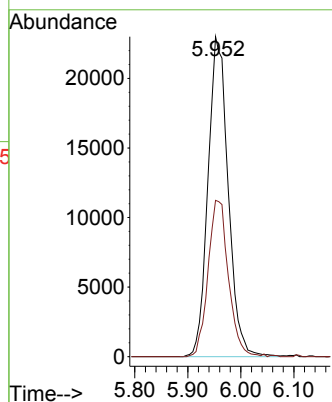
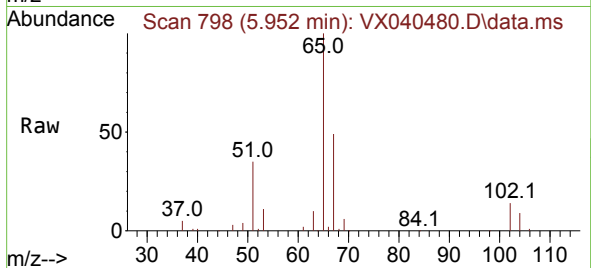
RE115D1-20240222DL

Tgt Ion: 65 Resp: 60820

Ion Ratio Lower Upper

65 100

67 49.5 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: VX040480.D

Acq: 27 Feb 2024 11:35

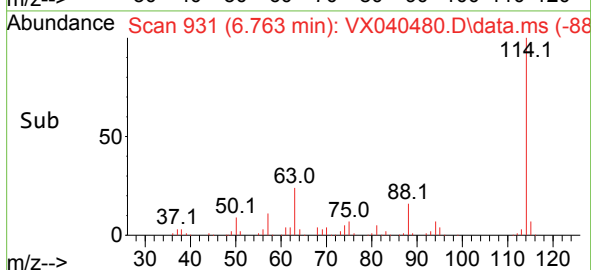
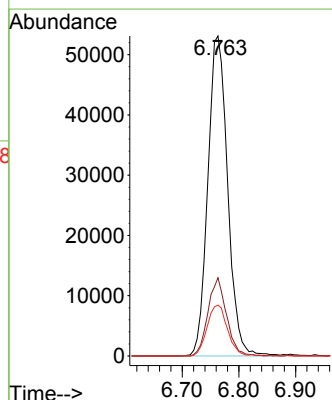
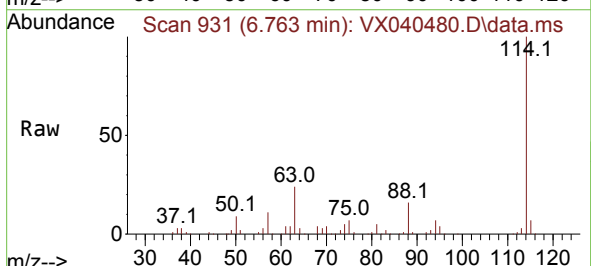
Tgt Ion: 114 Resp: 128747

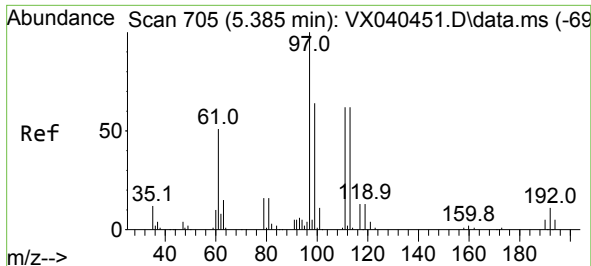
Ion Ratio Lower Upper

114 100

63 24.5 0.0 45.0

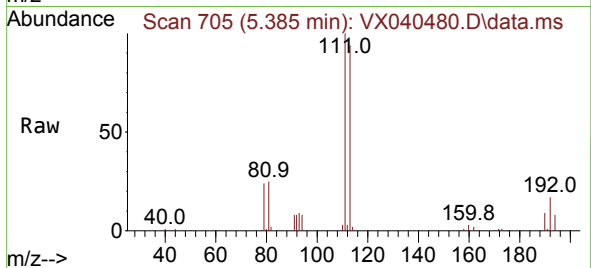
88 15.9 0.0 36.6



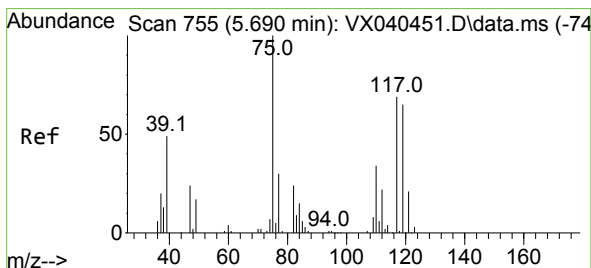
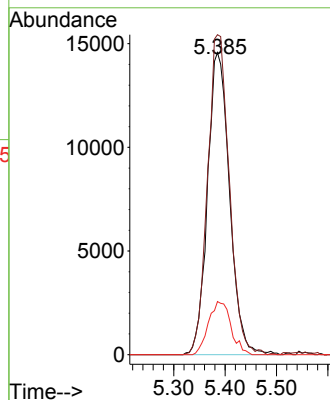
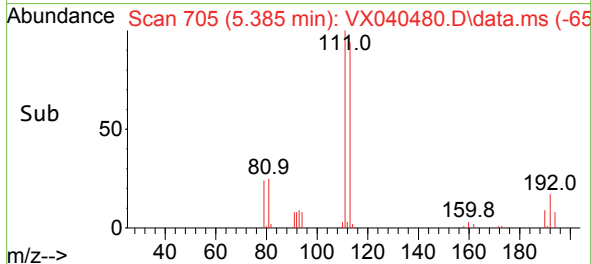


#35
Dibromofluoromethane
Concen: 48.460 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040480.D
Acq: 27 Feb 2024 11:35

Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20240222DL

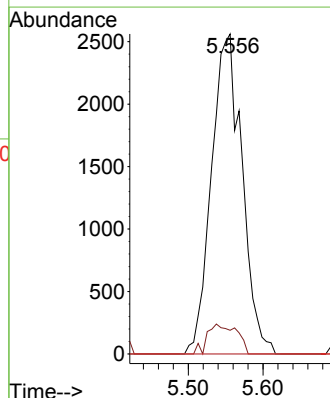
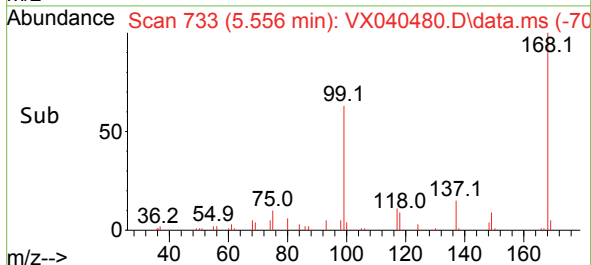
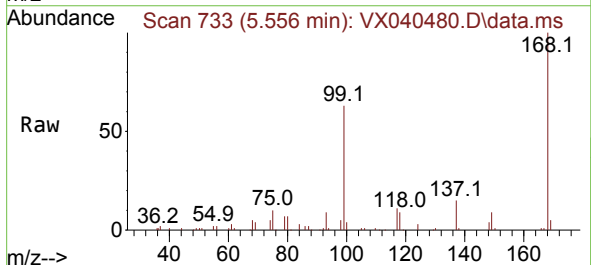


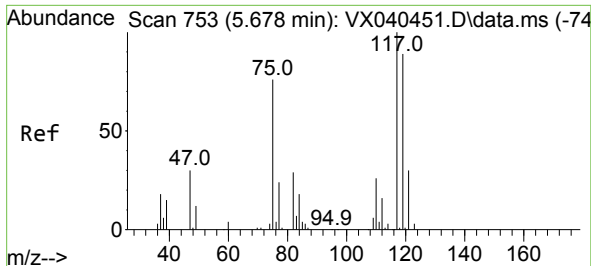
Tgt Ion:113 Resp: 43386
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 17.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.281 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX040480.D
Acq: 27 Feb 2024 11:35

Tgt Ion: 75 Resp: 7284
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#

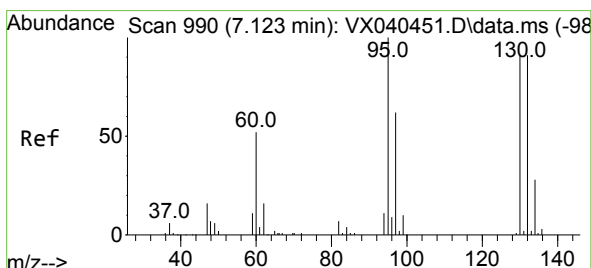
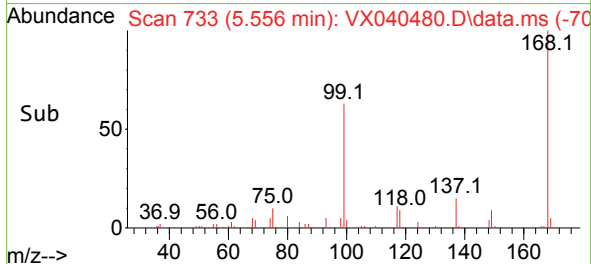
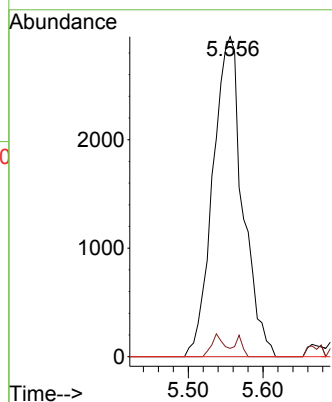
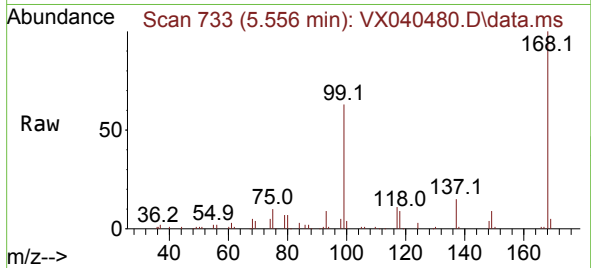




#38
Carbon Tetrachloride
Concen: 6.165 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX040480.D
Acq: 27 Feb 2024 11:35

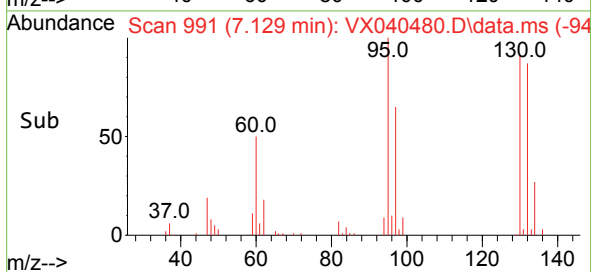
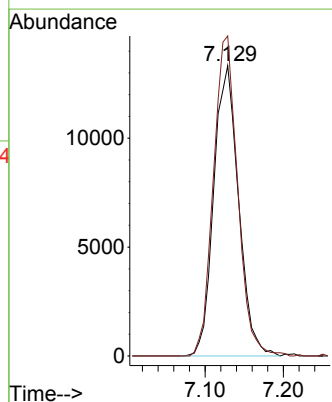
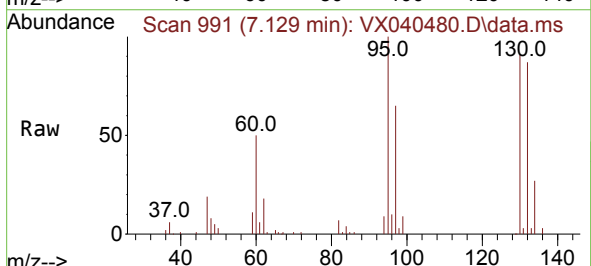
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20240222DL

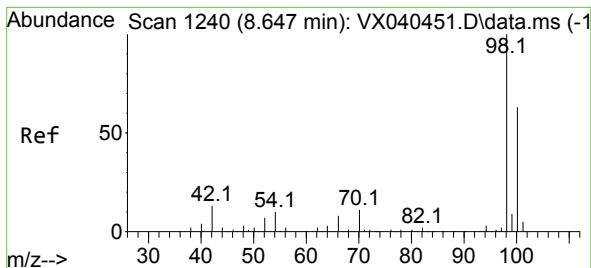
Tgt Ion:117 Resp: 8215
Ion Ratio Lower Upper
117 100
119 2.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 29.217 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040480.D
Acq: 27 Feb 2024 11:35

Tgt Ion:130 Resp: 29344
Ion Ratio Lower Upper
130 100
95 110.2 0.0 204.4





#50

Toluene-d8

Concen: 48.413 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040480.D

Acq: 27 Feb 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

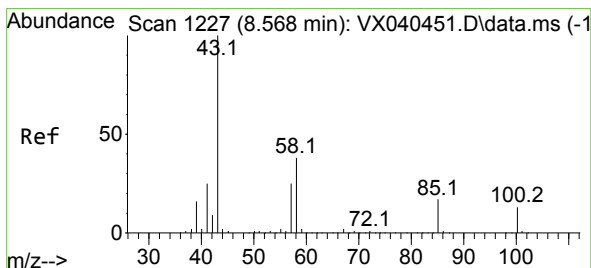
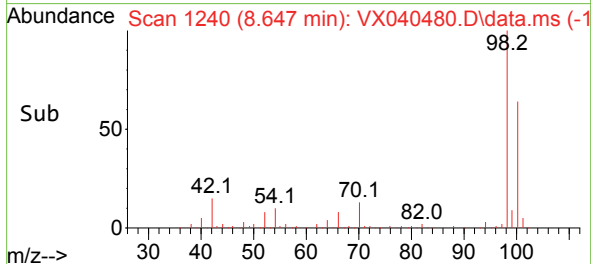
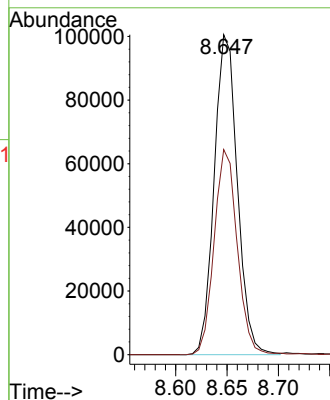
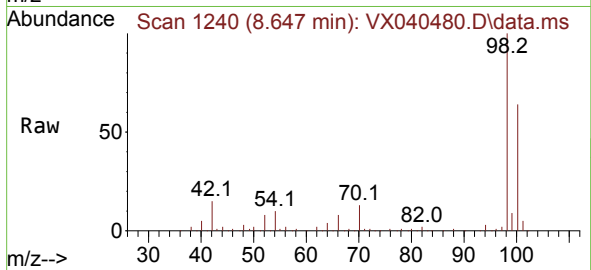
RE115D1-20240222DL

Tgt Ion: 98 Resp: 157335

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.509 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.079 min

Lab File: VX040480.D

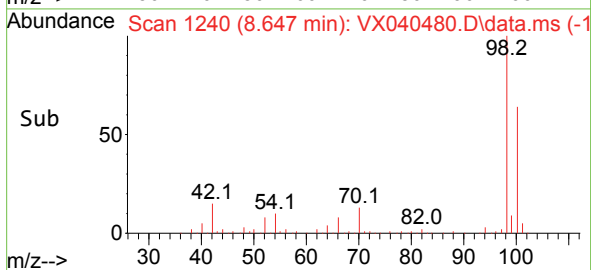
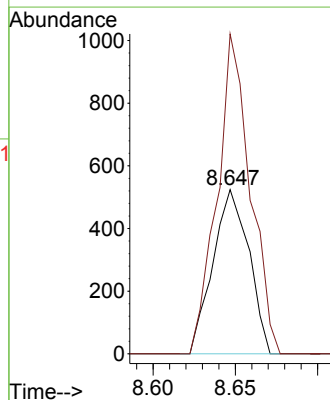
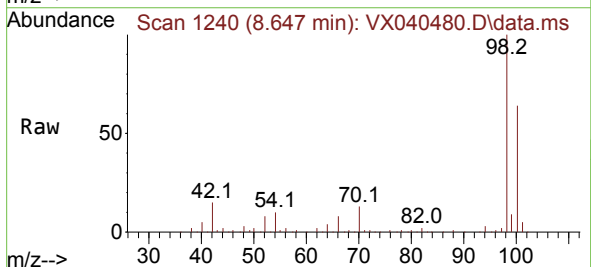
Acq: 27 Feb 2024 11:35

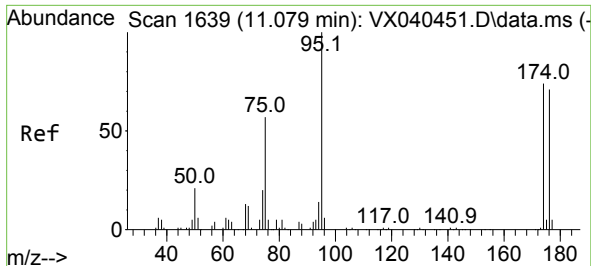
Tgt Ion: 43 Resp: 797

Ion Ratio Lower Upper

43 100

58 179.4 30.4 45.6#

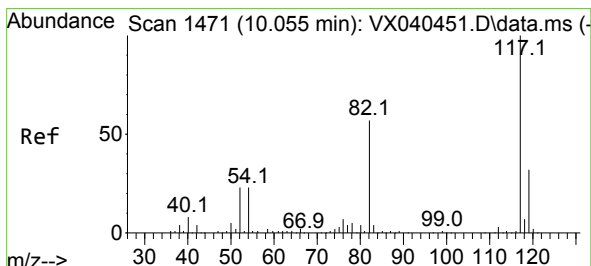
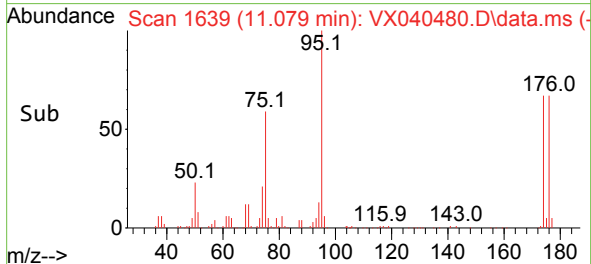
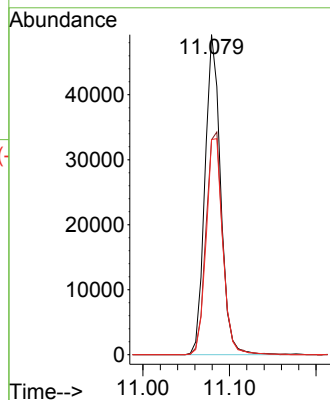
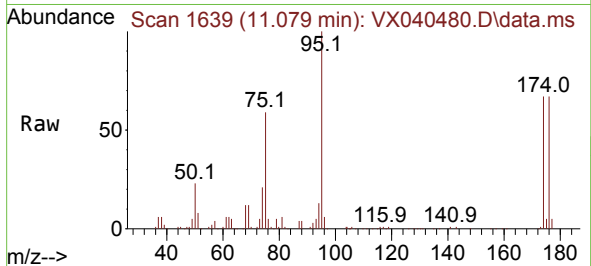




#62
4-Bromofluorobenzene
Concen: 49.842 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040480.D
Acq: 27 Feb 2024 11:35

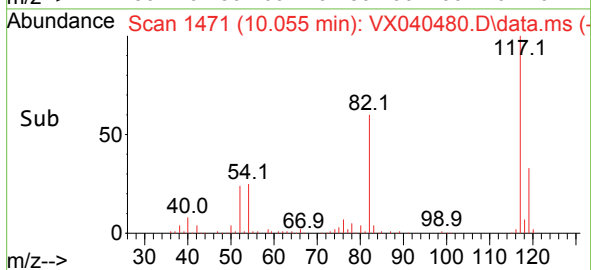
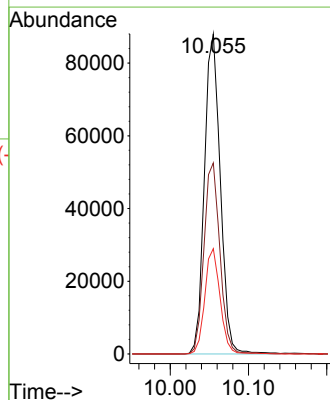
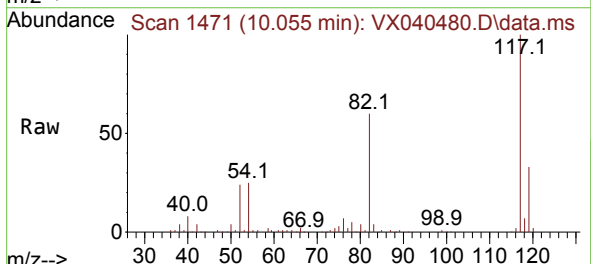
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20240222DL

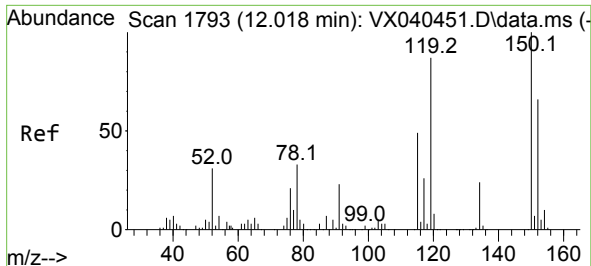
Tgt Ion: 95 Resp: 61744
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 71.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040480.D
Acq: 27 Feb 2024 11:35

Tgt Ion: 117 Resp: 123912
Ion Ratio Lower Upper
117 100
82 59.7 46.2 69.4
119 32.9 25.5 38.3

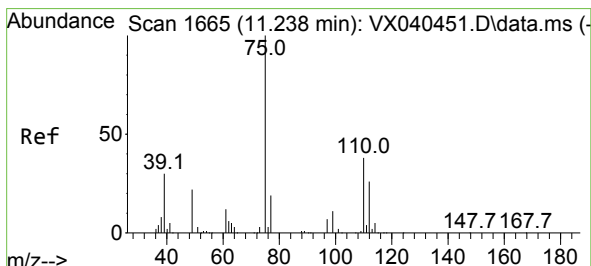
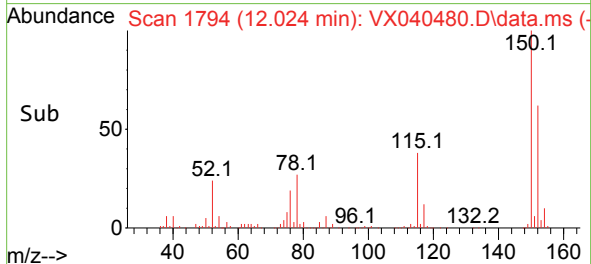
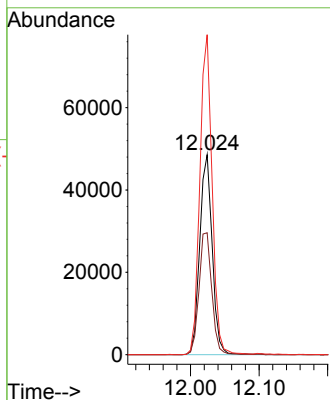
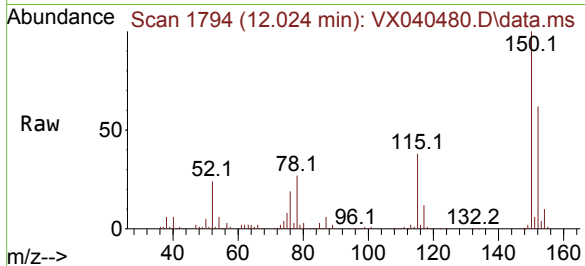




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040480.D
 Acq: 27 Feb 2024 11:35

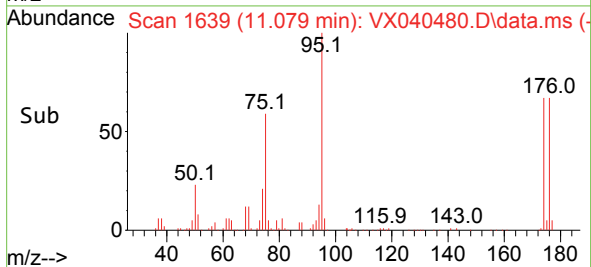
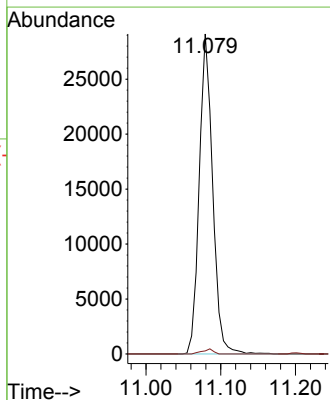
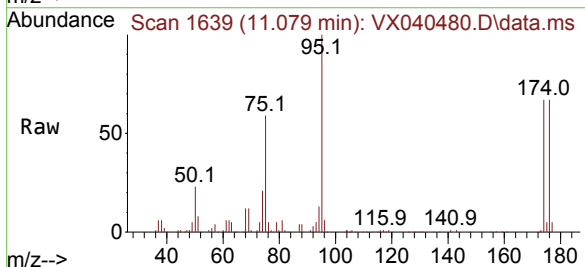
Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20240222DL

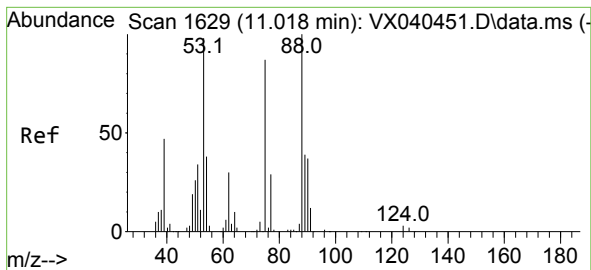
Tgt Ion:152 Resp: 61719
 Ion Ratio Lower Upper
 152 100
 115 62.6 43.3 129.9
 150 156.9 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 26.653 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX040480.D
 Acq: 27 Feb 2024 11:35

Tgt Ion: 75 Resp: 36203
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.423 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040480.D
 Acq: 27 Feb 2024 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20240222DL

Tgt Ion: 75 Resp: 36203
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

