

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040386.D
 Acq On : 21 Feb 2024 16:59
 Operator : JC/MD
 Sample : P1532-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20240216

Quant Time: Feb 22 01:11:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

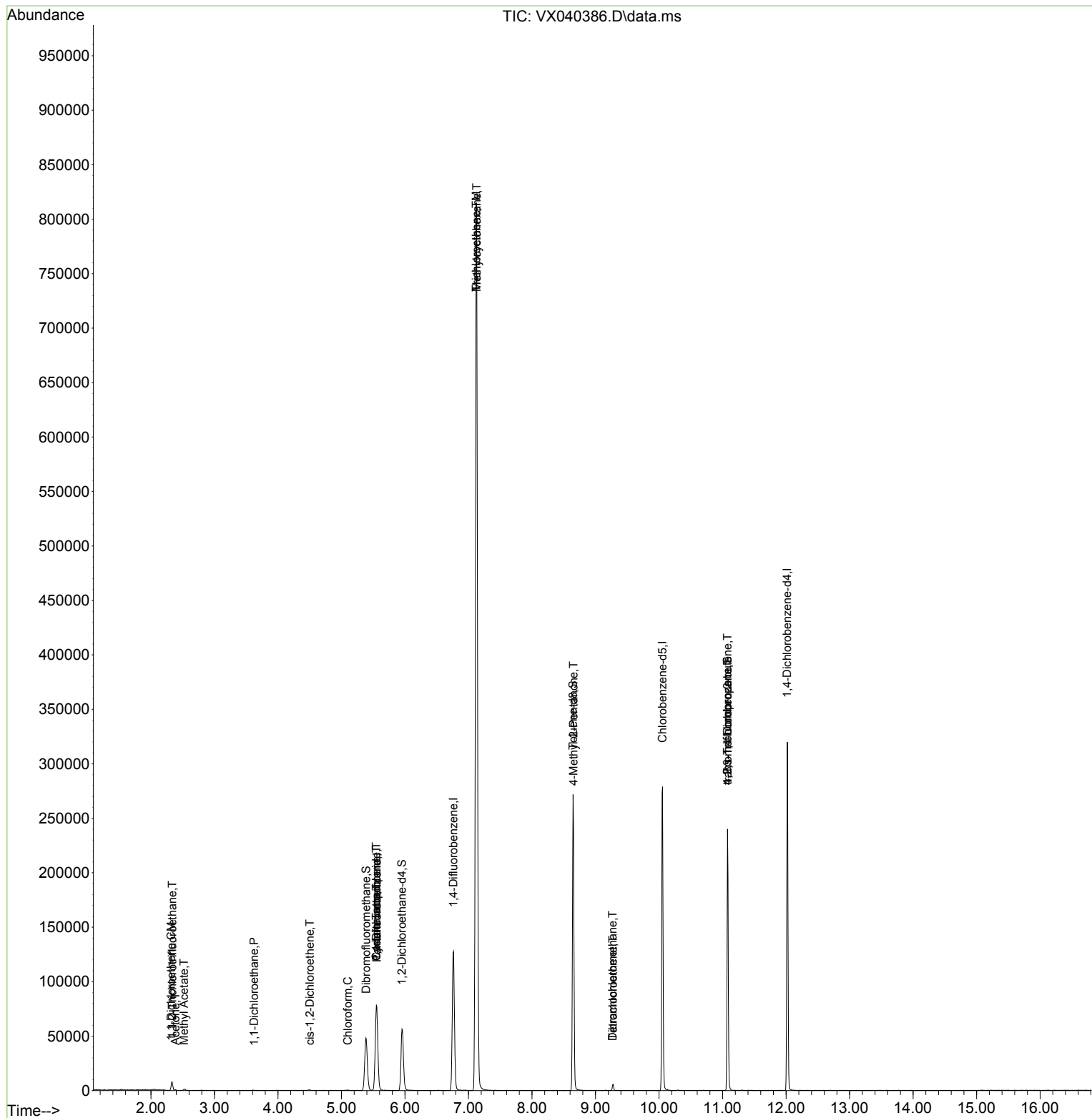
Internal Standards						
1) Pentafluorobenzene	5.556	168	70460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125973	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56059	53.479	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.960%
35) Dibromofluoromethane	5.385	113	41588	47.274	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.540%
50) Toluene-d8	8.646	98	156946	47.692	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.380%
62) 4-Bromofluorobenzene	11.079	95	61657	45.940	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.880%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	2911	3.896	ug/l	97
12) 1,1-Dichloroethene	2.318	96	309	0.430	ug/l #	73
16) Acetone	2.385	43	932	2.165	ug/l #	81
18) Methyl Acetate	2.520	43	433	0.375	ug/l #	53
20) Methylene Chloride	2.794	84	138	Below Cal	#	5
24) 1,1-Dichloroethane	3.623	63	457	0.310	ug/l #	83
27) cis-1,2-Dichloroethene	4.501	96	352	0.377	ug/l	82
30) Chloroform	5.098	83	494	0.310	ug/l #	65
31) Cyclohexane	5.549	56	2053	1.642	ug/l #	30
36) 1,1-Dichloropropene	5.549	75	6012	4.878	ug/l #	50
38) Carbon Tetrachloride	5.549	117	7605	6.490	ug/l #	16
39) Methylcyclohexane	7.128	83	3985	2.783	ug/l #	1
44) Trichloroethene	7.122	130	295839	311.211	ug/l	97
51) 4-Methyl-2-Pentanone	8.653	43	823	0.563	ug/l #	1
60) Dibromochloromethane	9.268	129	922	0.940	ug/l #	11
64) Tetrachloroethene	9.274	164	871	1.023	ug/l #	75
76) 1,2,3-Trichloropropane	11.079	75	33975	26.835	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	33975	73.555	ug/l #	5

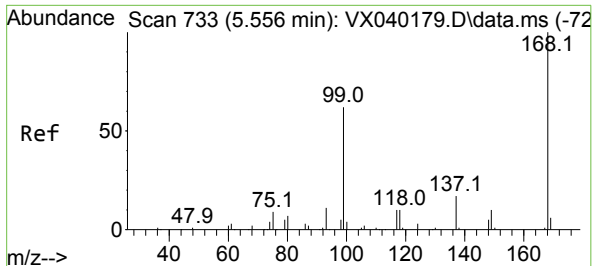
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
Data File : VX040386.D
Acq On : 21 Feb 2024 16:59
Operator : JC/MD
Sample : P1532-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216

Quant Time: Feb 22 01:11:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

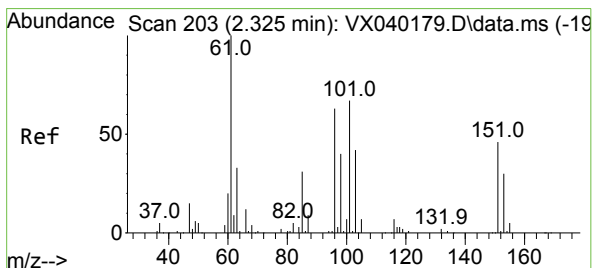
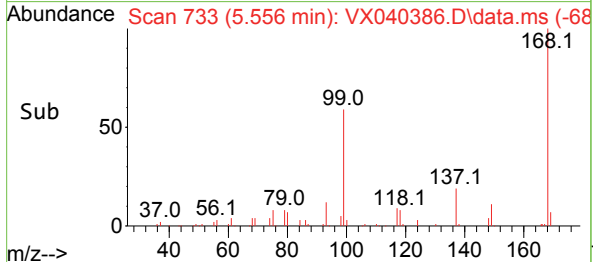
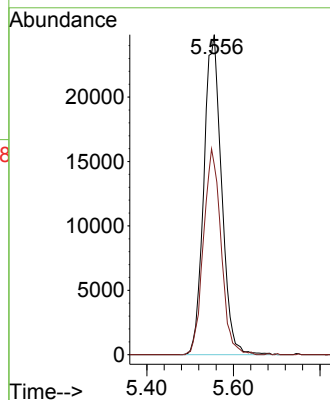
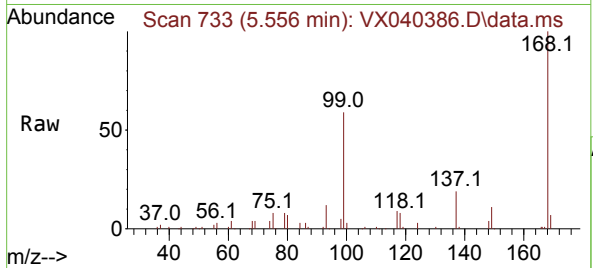




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

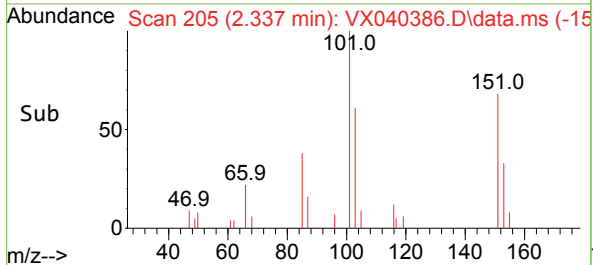
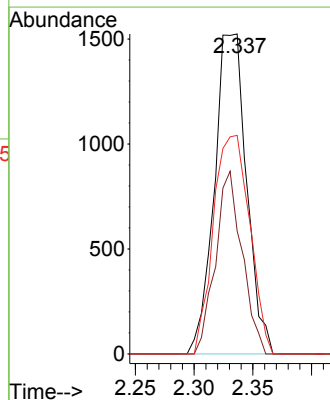
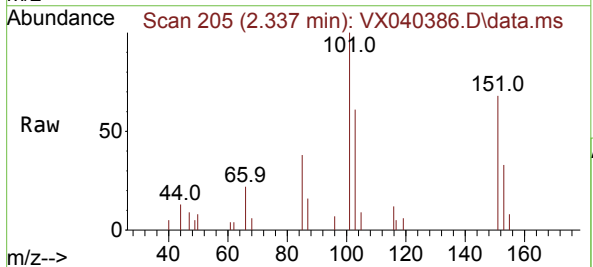
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216

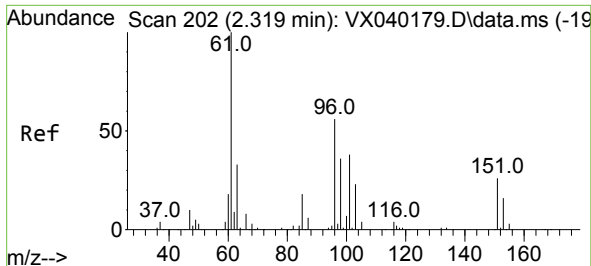
Tgt Ion:168 Resp: 70460
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.896 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

Tgt Ion:101 Resp: 2911
Ion Ratio Lower Upper
101 100
85 47.2 37.0 55.6
151 76.8 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.430 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX040386.D

Acq: 21 Feb 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20240216

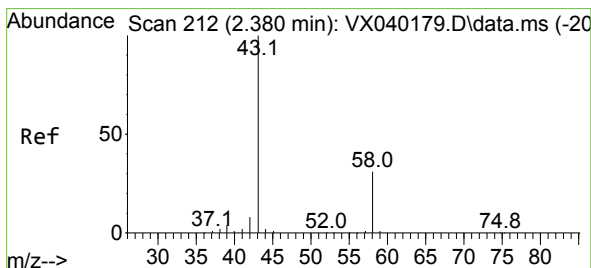
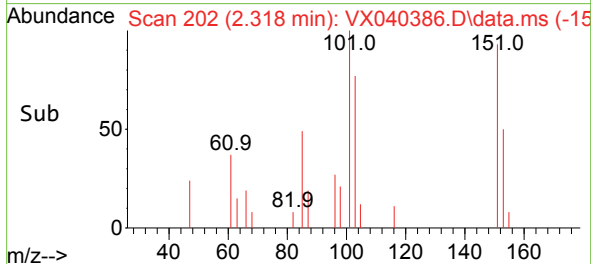
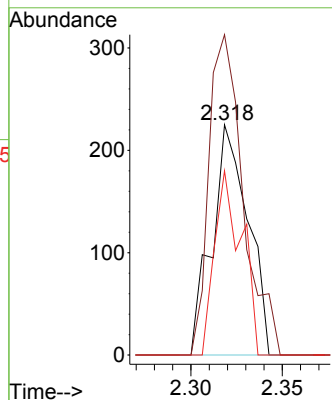
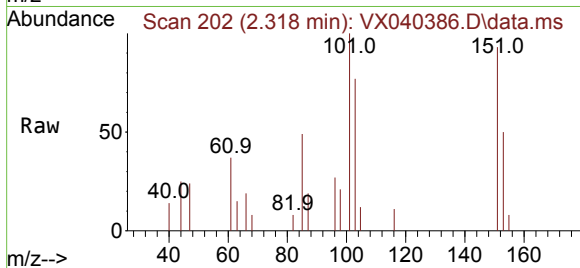
Tgt Ion: 96 Resp: 309

Ion Ratio Lower Upper

96 100

61 139.1 144.6 216.8#

98 80.0 50.4 75.6#



#16

Acetone

Concen: 2.165 ug/l

RT: 2.385 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX040386.D

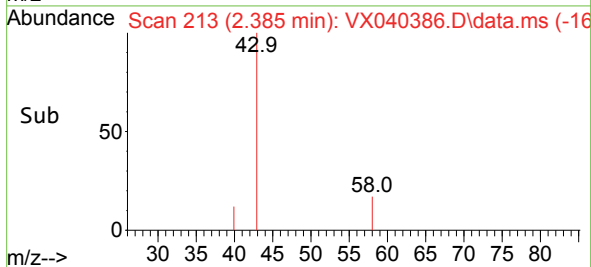
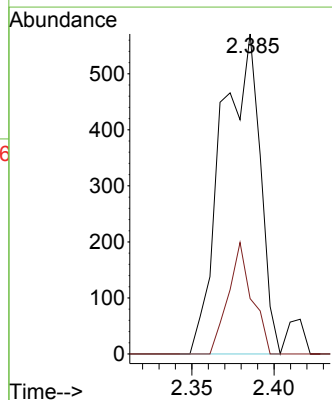
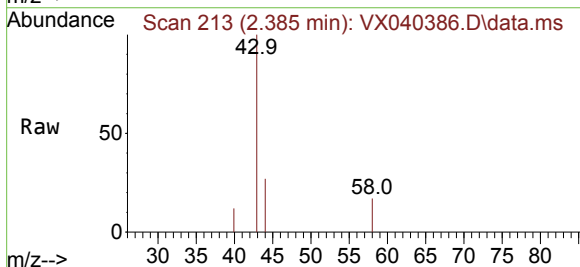
Acq: 21 Feb 2024 16:59

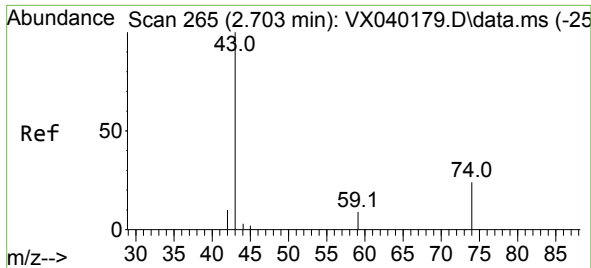
Tgt Ion: 43 Resp: 932

Ion Ratio Lower Upper

43 100

58 17.3 21.9 32.9#

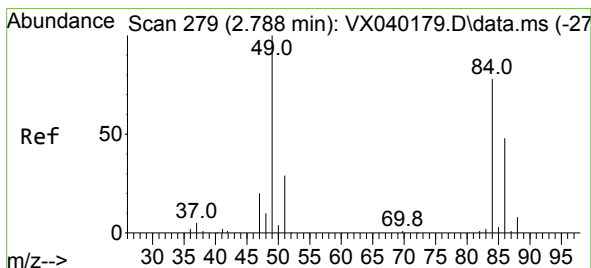
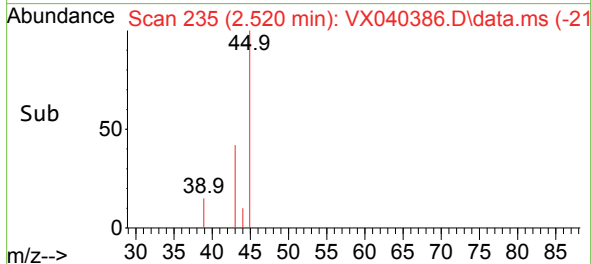
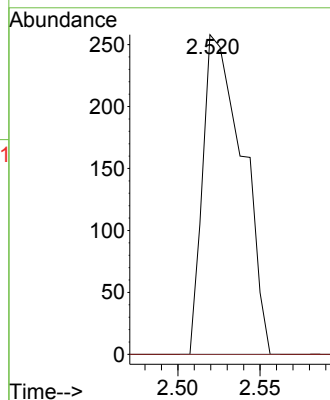
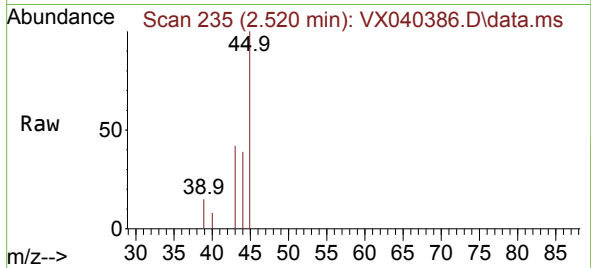




#18
Methyl Acetate
Concen: 0.375 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.183 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

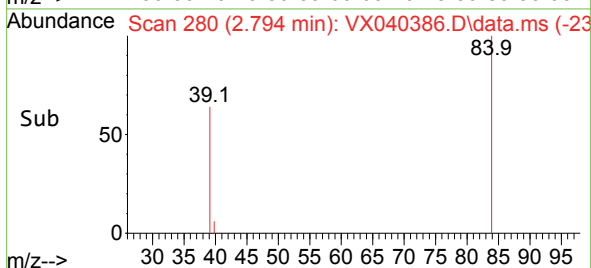
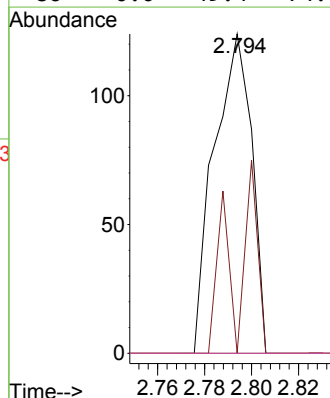
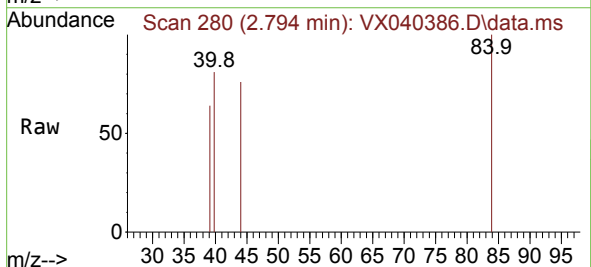
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216

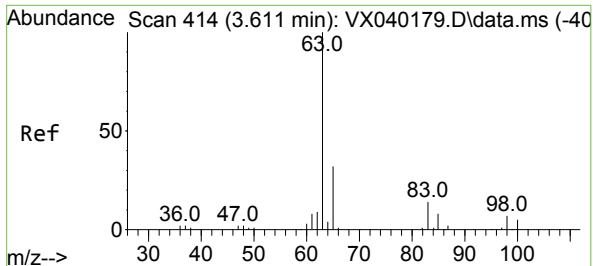
Tgt Ion: 43 Resp: 433
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

Tgt Ion: 84 Resp: 138
Ion Ratio Lower Upper
84 100
49 0.0 103.6 155.4#
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#





#24

1,1-Dichloroethane

Concen: 0.310 ug/l

RT: 3.623 min Scan# 41

Delta R.T. 0.018 min

Lab File: VX040386.D

Acq: 21 Feb 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20240216

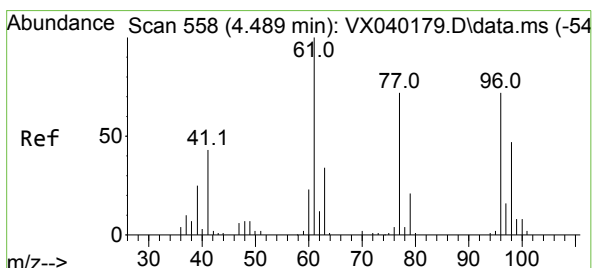
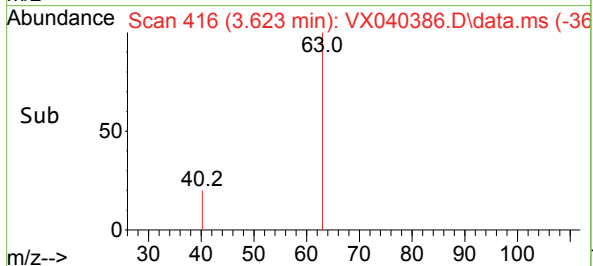
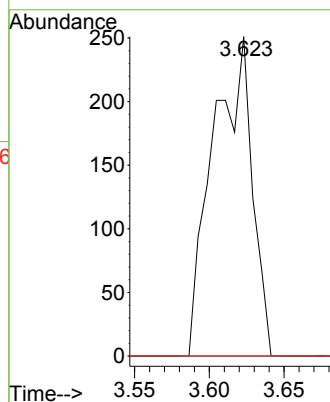
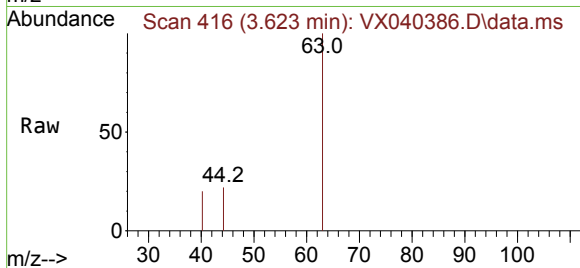
Tgt Ion: 63 Resp: 457

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

100 0.0 2.1 6.5#



#27

cis-1,2-Dichloroethene

Concen: 0.377 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.012 min

Lab File: VX040386.D

Acq: 21 Feb 2024 16:59

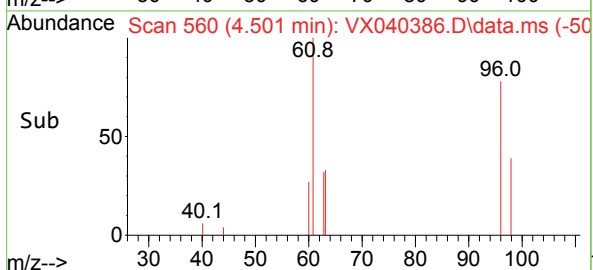
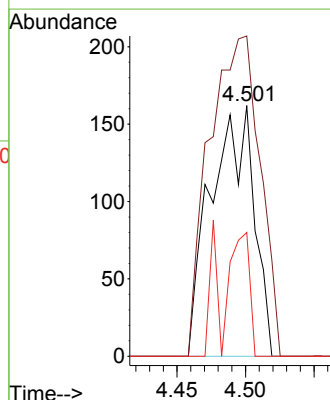
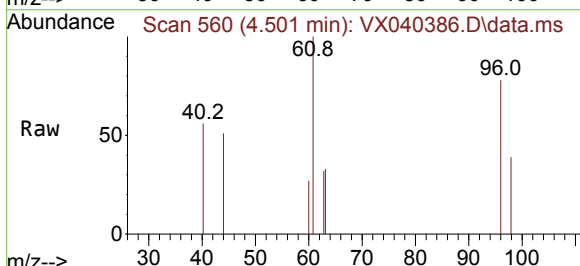
Tgt Ion: 96 Resp: 352

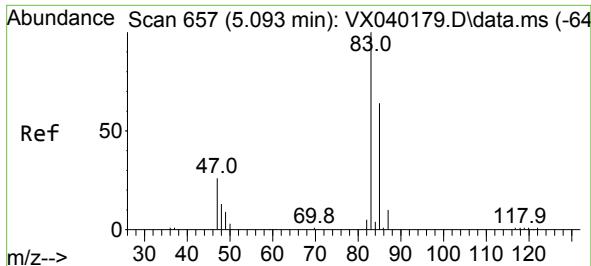
Ion Ratio Lower Upper

96 100

61 151.4 0.0 312.2

98 22.4 0.0 129.0

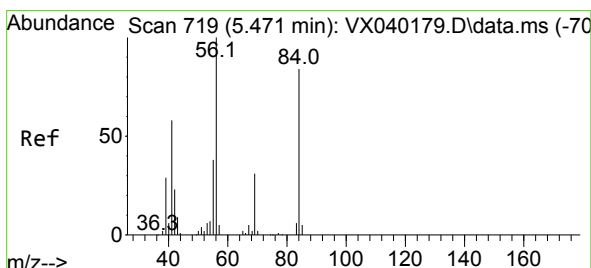
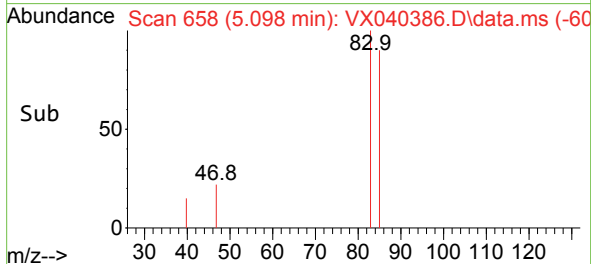
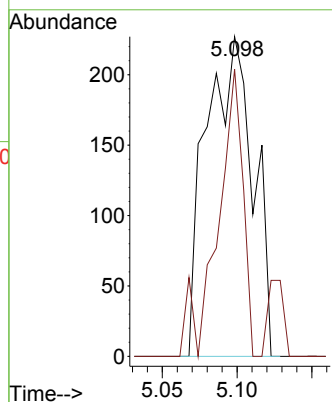
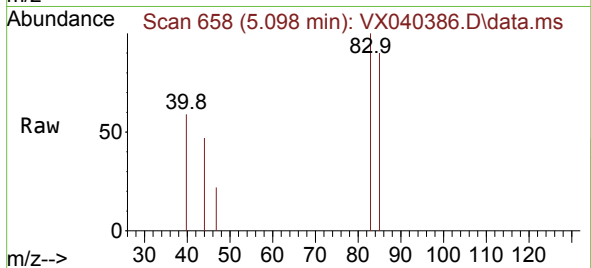




#30
Chloroform
Concen: 0.310 ug/l
RT: 5.098 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

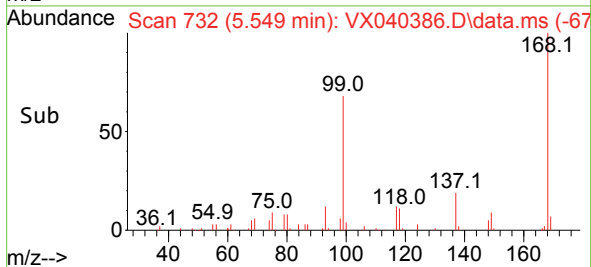
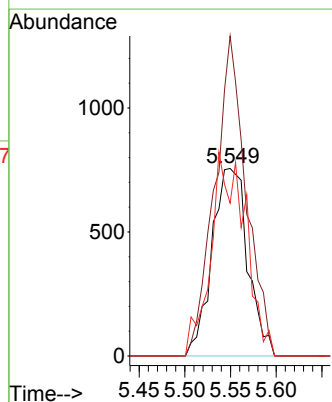
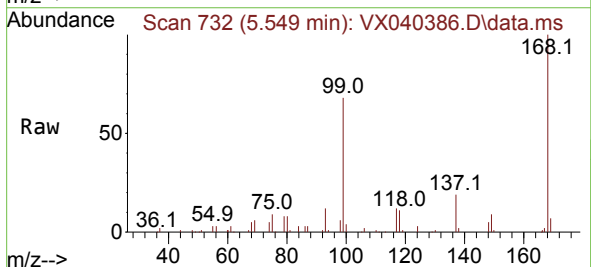
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216

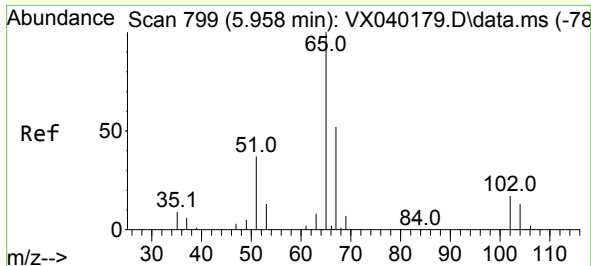
Tgt Ion: 83 Resp: 494
Ion Ratio Lower Upper
83 100
85 89.9 50.3 75.5#



#31
Cyclohexane
Concen: 1.642 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

Tgt Ion: 56 Resp: 2053
Ion Ratio Lower Upper
56 100
69 170.6 23.4 35.2#
84 81.5 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 53.479 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040386.D

Acq: 21 Feb 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

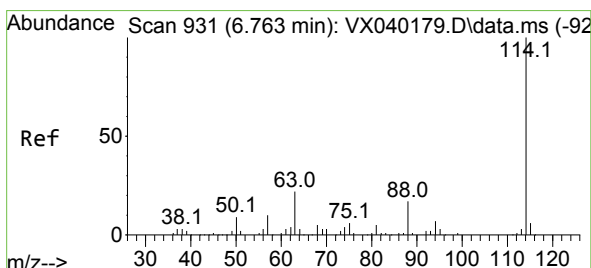
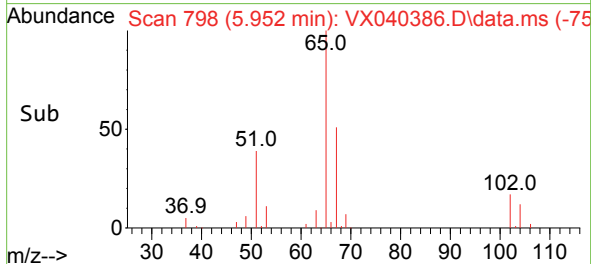
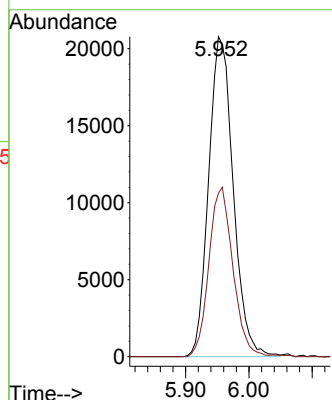
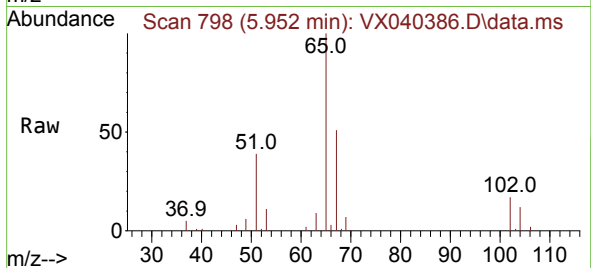
RE103D2-20240216

Tgt Ion: 65 Resp: 56059

Ion Ratio Lower Upper

65 100

67 51.6 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: VX040386.D

Acq: 21 Feb 2024 16:59

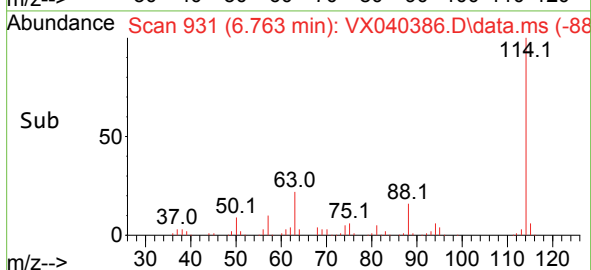
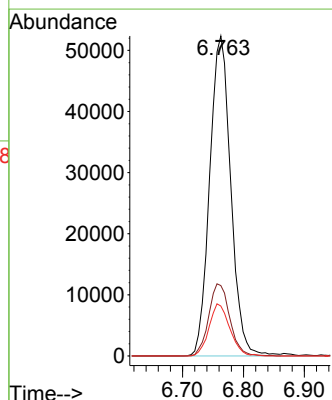
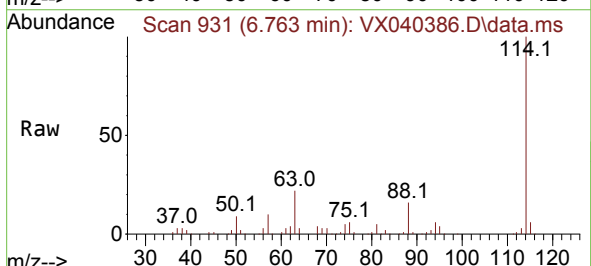
Tgt Ion: 114 Resp: 125973

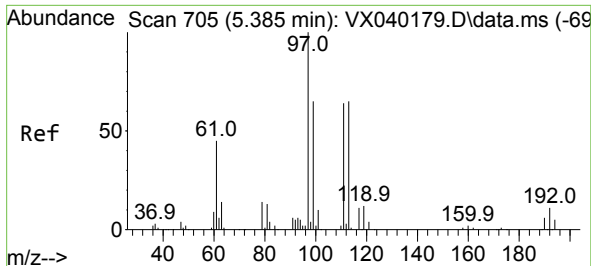
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

88 15.6 0.0 36.6

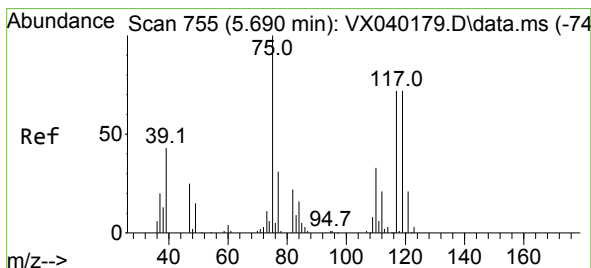
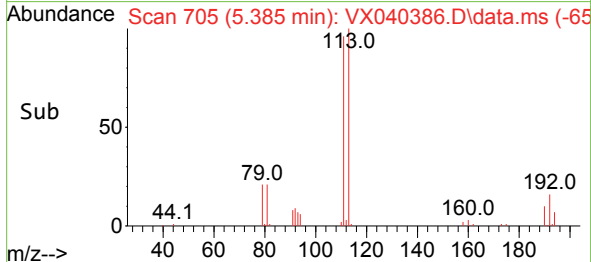
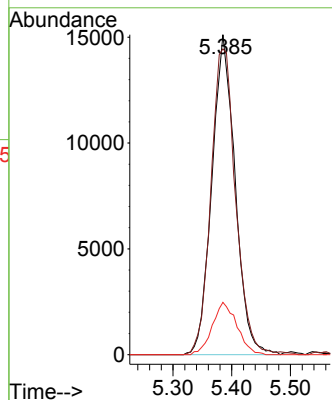
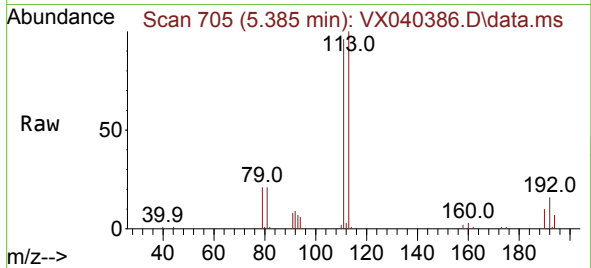




#35
 Dibromofluoromethane
 Concen: 47.274 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: VX040386.D
 Acq: 21 Feb 2024 16:59

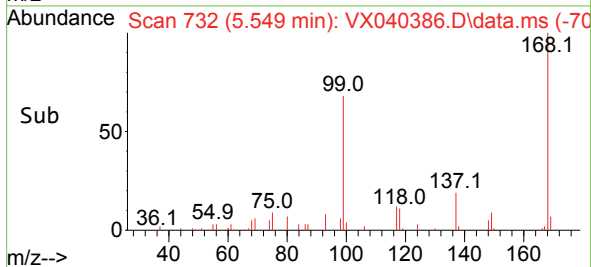
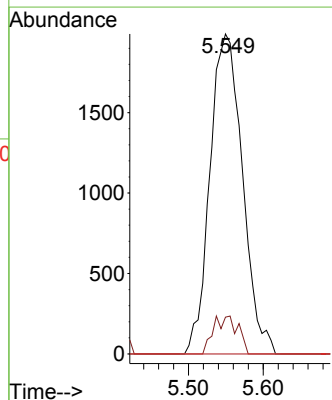
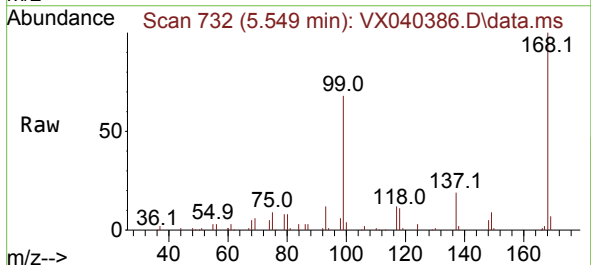
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20240216

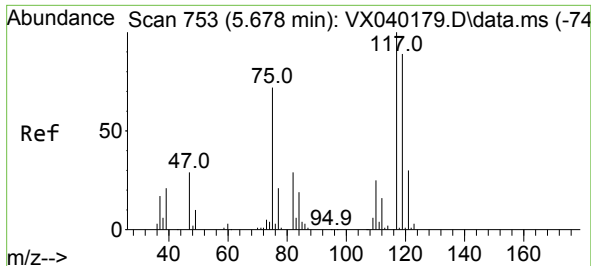
Tgt Ion:113 Resp: 41588
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.9 124.3
 192 17.3 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.878 ug/l
 RT: 5.549 min Scan# 732
 Delta R.T. -0.147 min
 Lab File: VX040386.D
 Acq: 21 Feb 2024 16:59

Tgt Ion: 75 Resp: 6012
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.0 50.9#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.490 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX040386.D

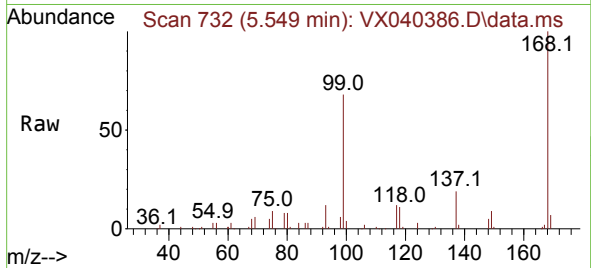
Acq: 21 Feb 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20240216



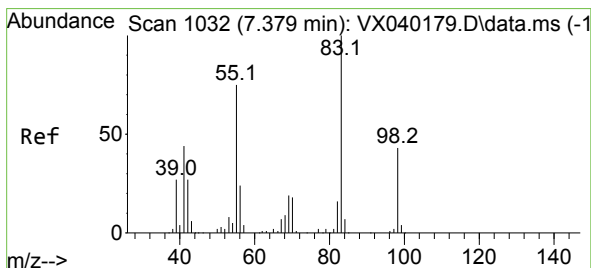
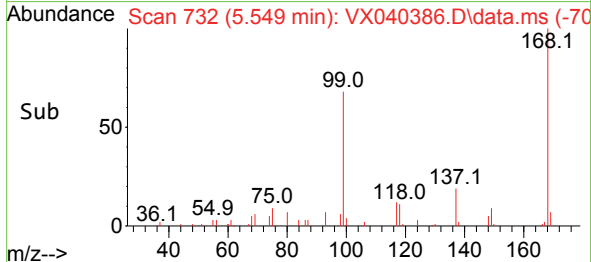
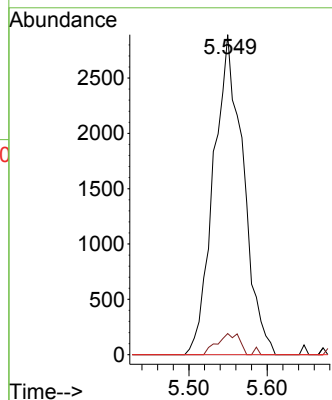
Tgt Ion:117 Resp: 7605

Ion Ratio Lower Upper

117 100

119 6.6 78.2 117.2#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 2.783 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.250 min

Lab File: VX040386.D

Acq: 21 Feb 2024 16:59

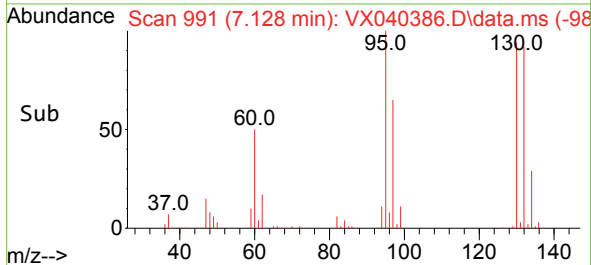
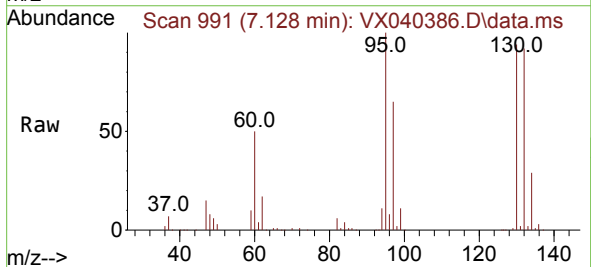
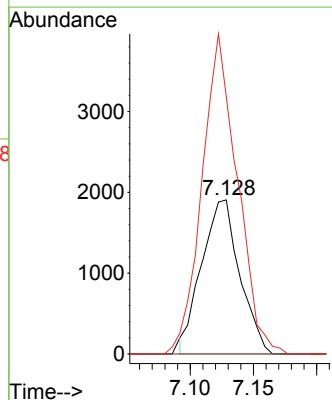
Tgt Ion: 83 Resp: 3985

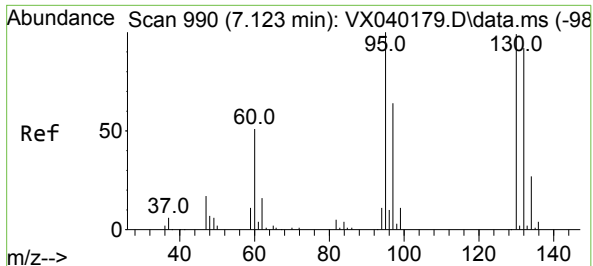
Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 163.2 36.7 55.1#

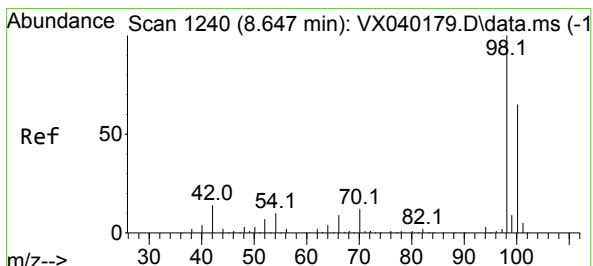
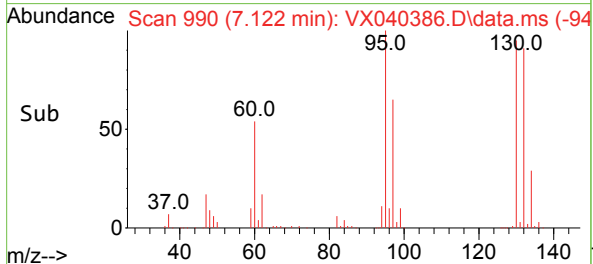
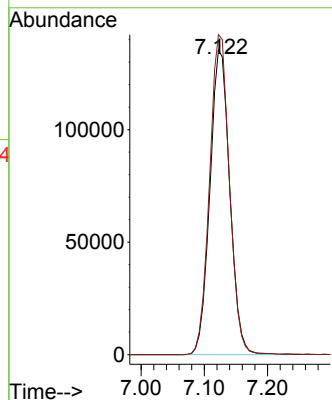
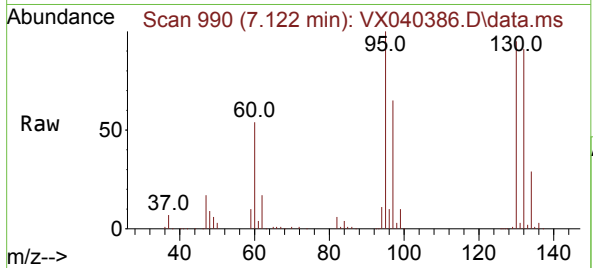




#44
Trichloroethene
Concen: 311.211 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

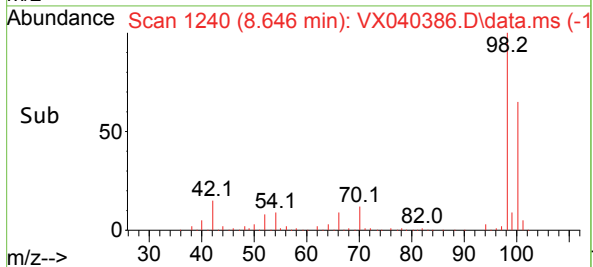
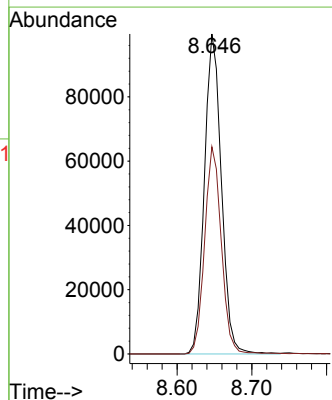
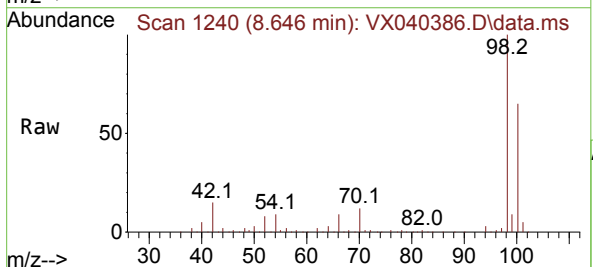
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216

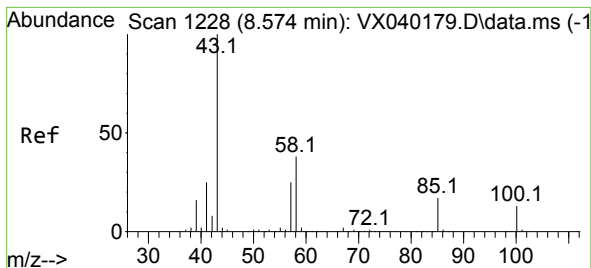
Tgt Ion:130 Resp: 295839
Ion Ratio Lower Upper
130 100
95 105.0 0.0 204.4



#50
Toluene-d8
Concen: 47.692 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

Tgt Ion: 98 Resp: 156946
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

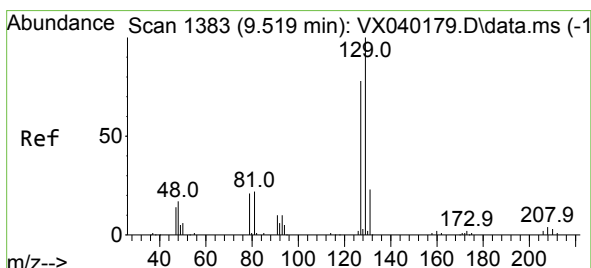
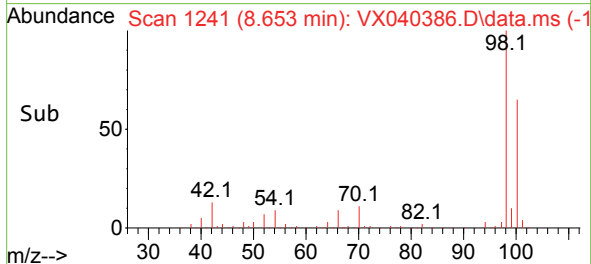
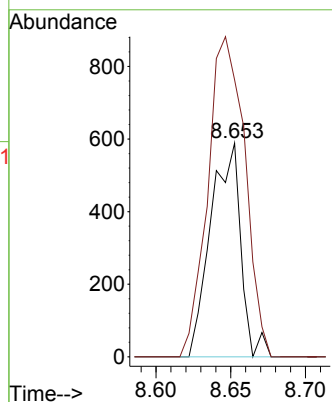
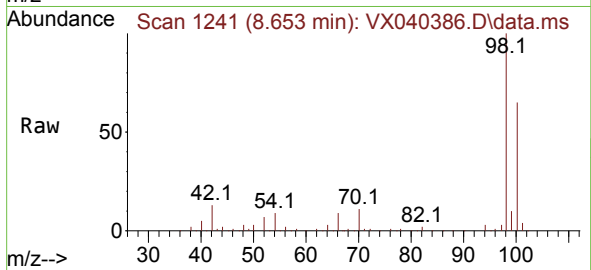




#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

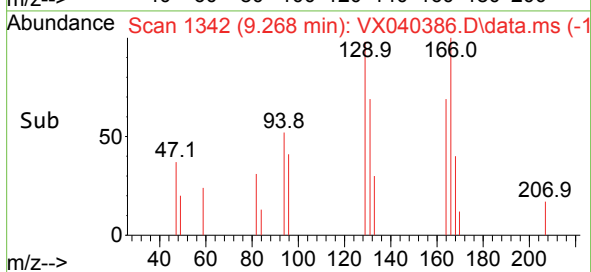
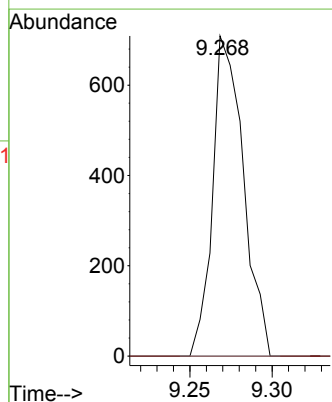
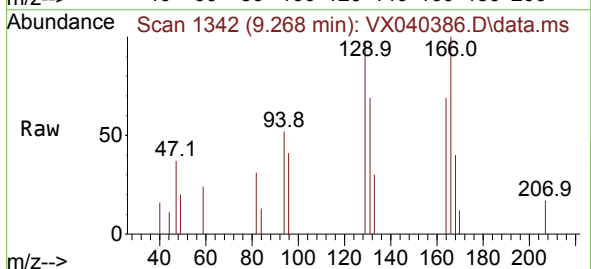
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216

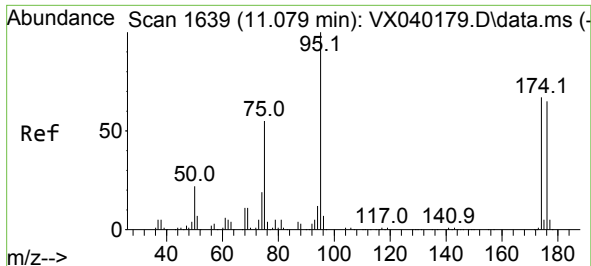
Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
58 184.9 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.940 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

Tgt Ion: 129 Resp: 922
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

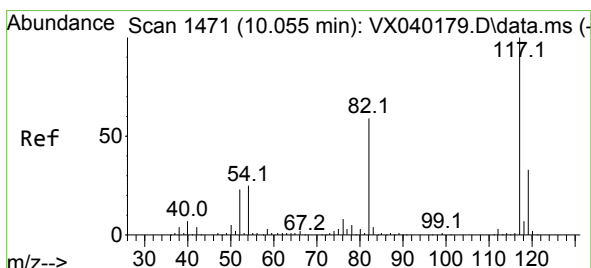
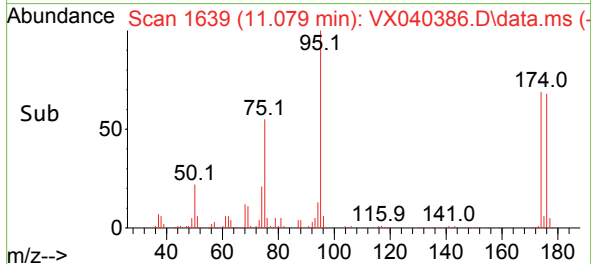
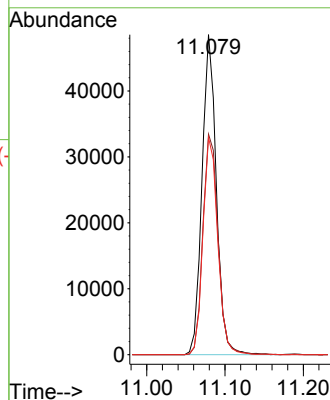
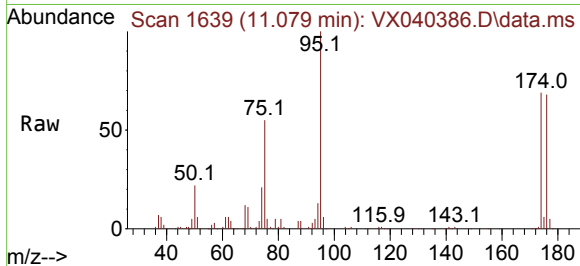




#62
4-Bromofluorobenzene
Concen: 45.940 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

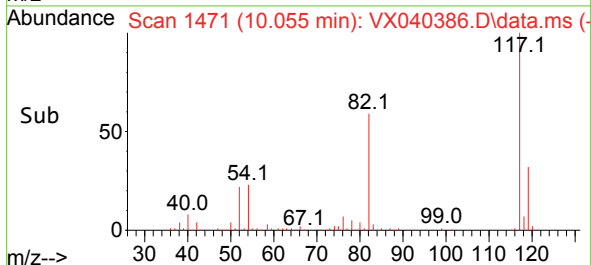
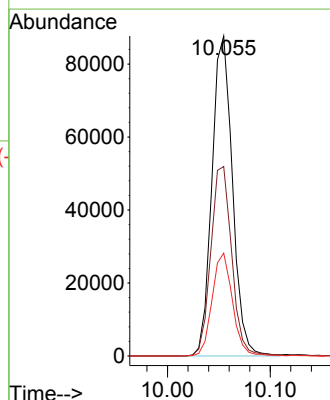
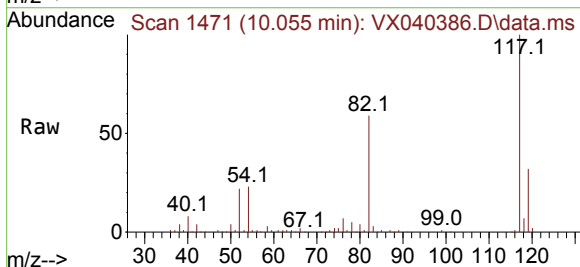
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216

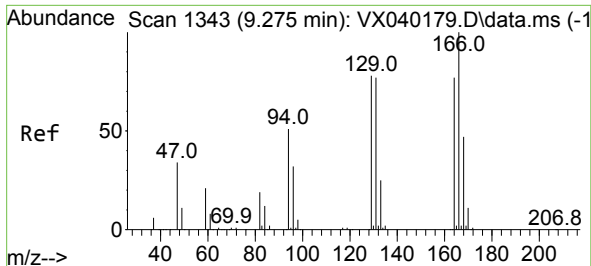
Tgt Ion: 95 Resp: 61657
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 70.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

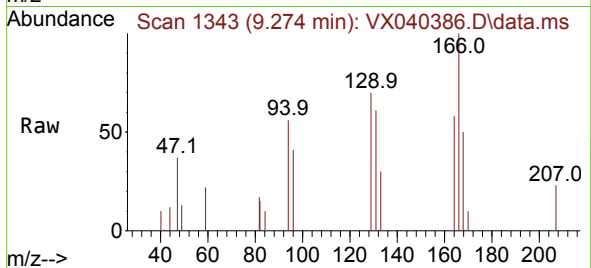
Tgt Ion: 117 Resp: 121448
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 32.1 25.5 38.3



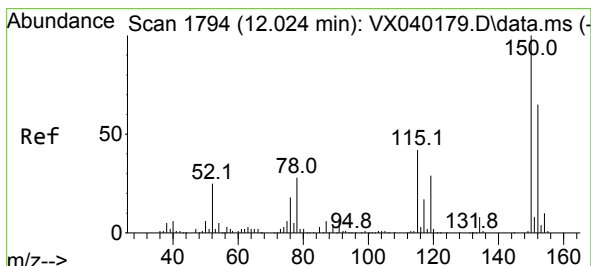
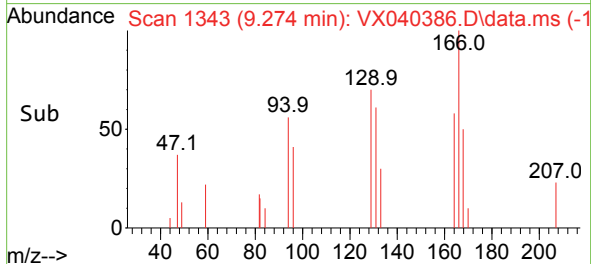
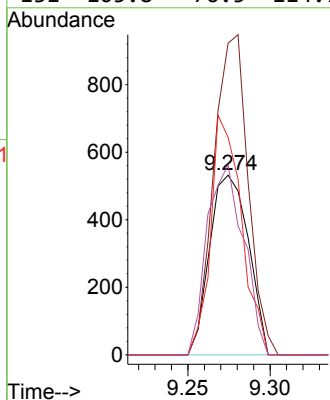


#64
Tetrachloroethene
Concen: 1.023 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20240216

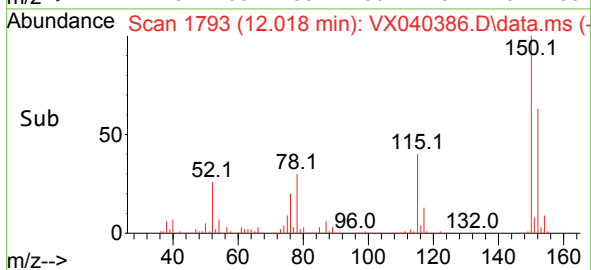
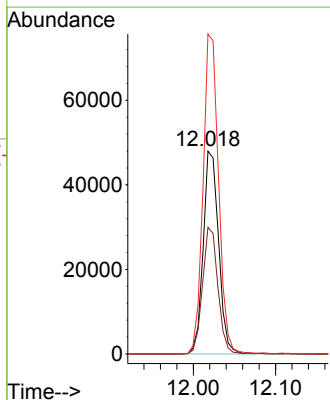
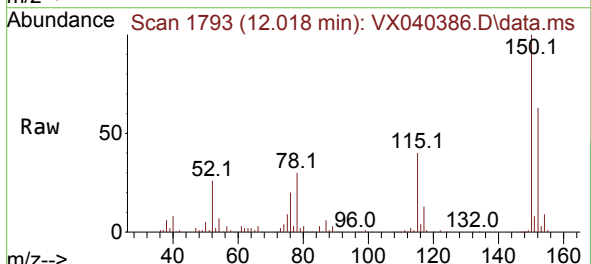


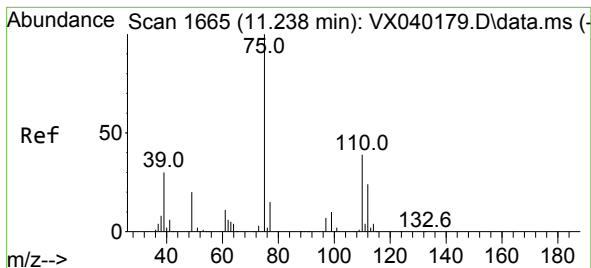
Tgt Ion:164 Resp: 871
Ion Ratio Lower Upper
164 100
166 173.5 102.7 154.1#
129 121.1 80.4 120.6#
131 105.8 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040386.D
Acq: 21 Feb 2024 16:59

Tgt Ion:152 Resp: 62521
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 158.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.835 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040386.D

Acq: 21 Feb 2024 16:59

Instrument :

MSVOA_X

ClientSampleId :

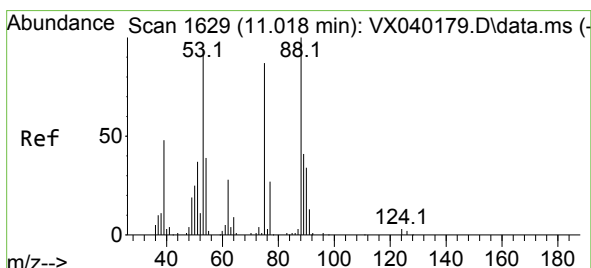
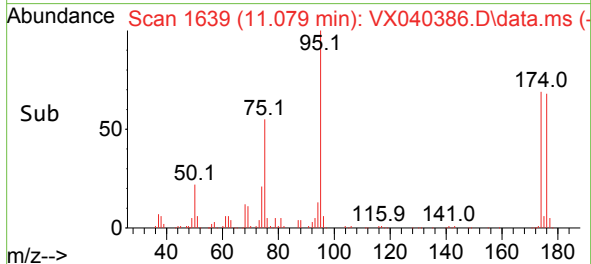
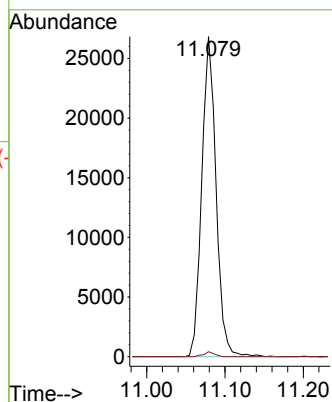
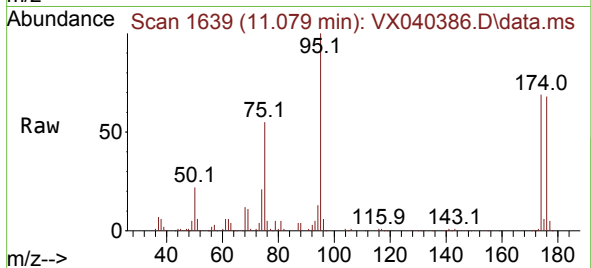
RE103D2-20240216

Tgt Ion: 75 Resp: 33975

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.555 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040386.D

Acq: 21 Feb 2024 16:59

Tgt Ion: 75 Resp: 33975

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

