

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029793.D
 Acq On : 25 Jun 2022 02:43
 Operator : JC/MD
 Sample : N3386-07 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20220614

Quant Time: Jun 25 05:32:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

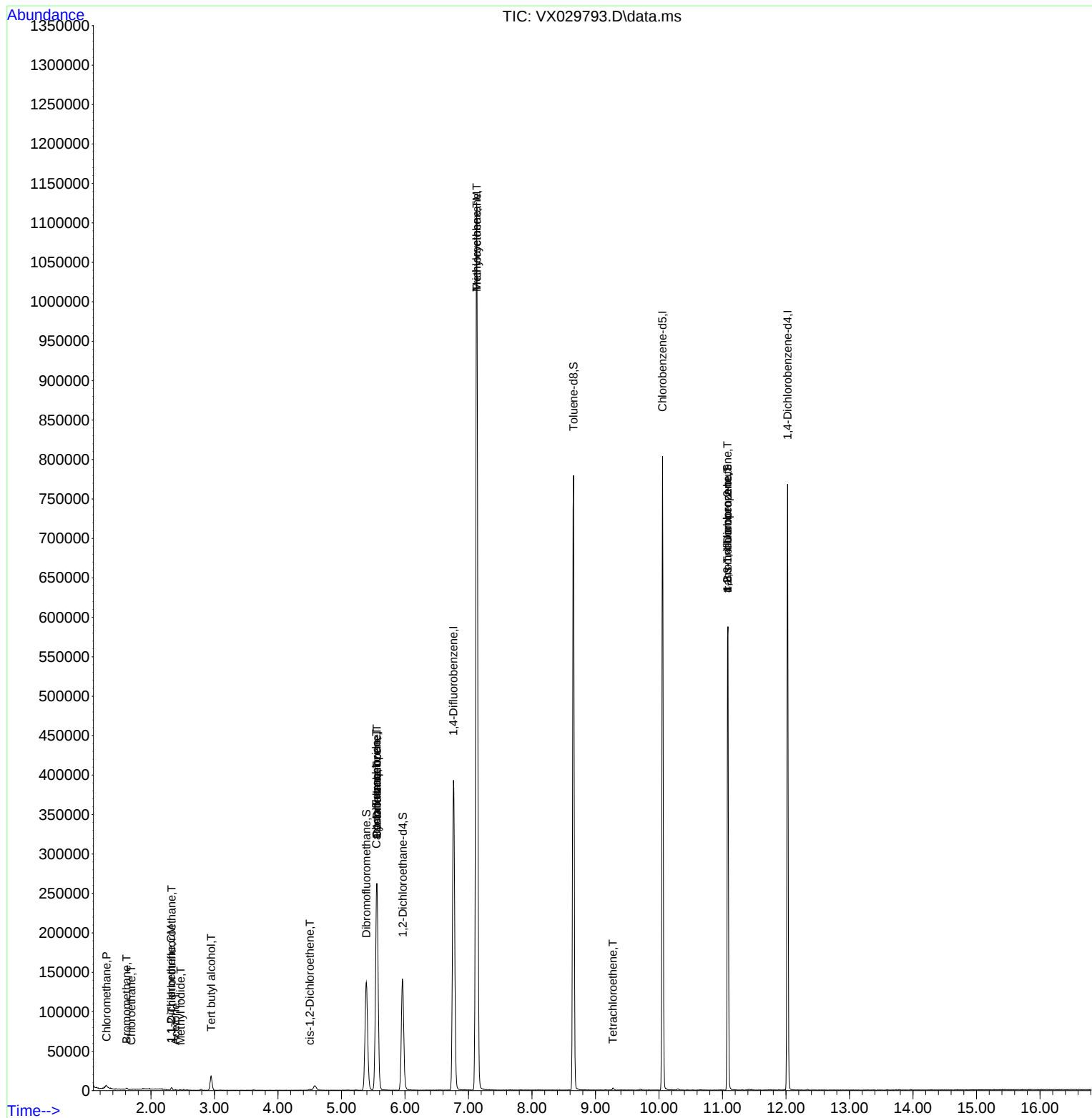
Internal Standards						
1) Pentafluorobenzene	5.556	168	262463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436291	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	375894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	132460	38.126	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	76.260%		
35) Dibromofluoromethane	5.391	113	124160	43.668	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.340%		
50) Toluene-d8	8.653	98	487914	46.974	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.940%		
62) 4-Bromofluorobenzene	11.079	95	173396	44.267	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.540%		
Target Compounds						Qvalue
3) Chloromethane	1.301	50	692	0.202	ug/l #	80
5) Bromomethane	1.618	94	622	0.387	ug/l #	73
6) Chloroethane	1.691	64	166	1.358	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.325	101	678	0.246	ug/l	91
10) Methyl Iodide	2.465	142	965	3.306	ug/l #	90
11) Tert butyl alcohol	2.947	59	9954	4.043	ug/l #	75
12) 1,1-Dichloroethene	2.319	96	877	0.330	ug/l	94
16) Acetone	2.386	43	736	0.531	ug/l #	31
27) cis-1,2-Dichloroethene	4.501	96	905	0.267	ug/l	65
31) Cyclohexane	5.556	56	4294	0.921	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18808	4.887	ug/l #	49
38) Carbon Tetrachloride	5.550	117	25581	6.760	ug/l #	16
39) Methylcyclohexane	7.129	83	5220	1.088	ug/l #	1
44) Trichloroethene	7.129	130	459134	144.170	ug/l	96
64) Tetrachloroethene	9.275	164	630	0.232	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	80034	22.363	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	80034	74.396	ug/l #	15

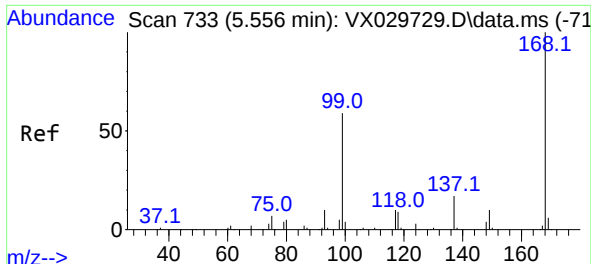
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
Data File : VX029793.D
Acq On : 25 Jun 2022 02:43
Operator : JC/MD
Sample : N3386-07 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20220614

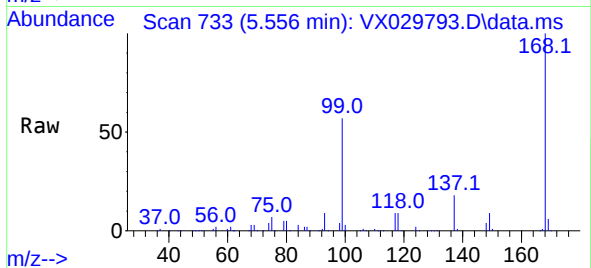
Quant Time: Jun 25 05:32:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration



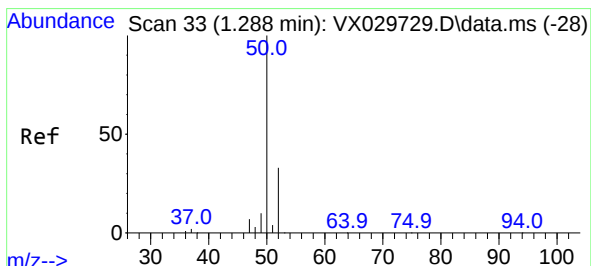
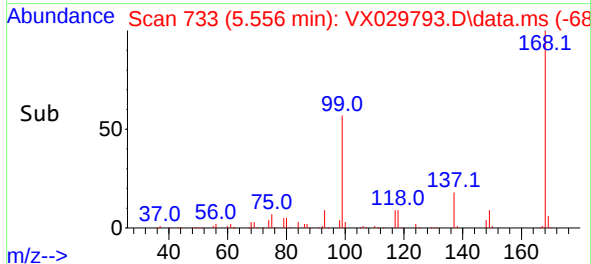
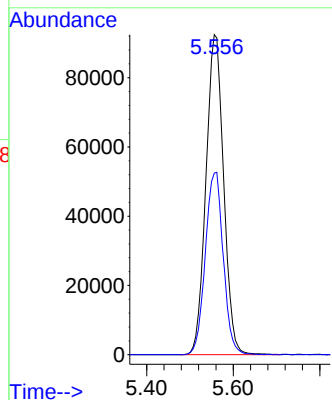


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029793.D
Acq: 25 Jun 2022 02:43

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20220614

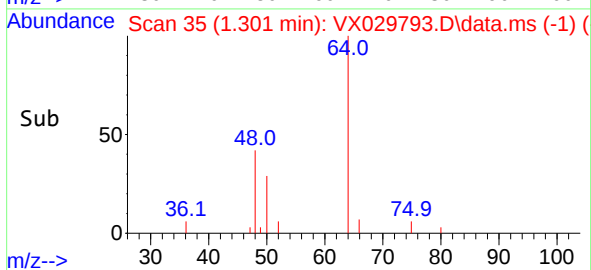
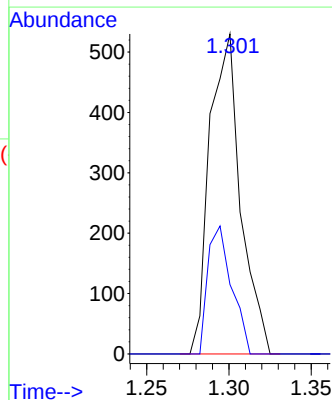
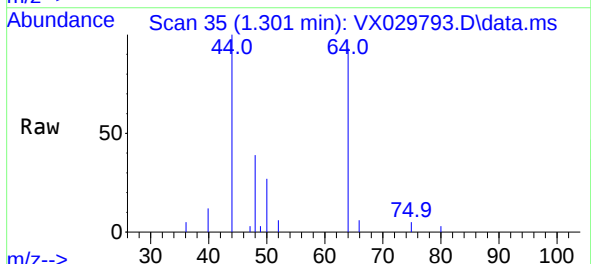


Tgt Ion:168 Resp: 262463
Ion Ratio Lower Upper
168 100
99 56.8 41.7 62.5

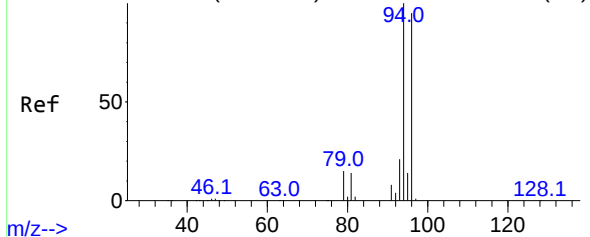


#3
Chloromethane
Concen: 0.202 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.013 min
Lab File: VX029793.D
Acq: 25 Jun 2022 02:43

Tgt Ion: 50 Resp: 692
Ion Ratio Lower Upper
50 100
52 21.7 26.4 39.6#



Abundance Scan 86 (1.612 min): VX029729.D\data.ms (-81)



#5

Bromomethane

Concen: 0.387 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.007 min

Lab File: VX029793.D

Acq: 25 Jun 2022 02:43

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20220614

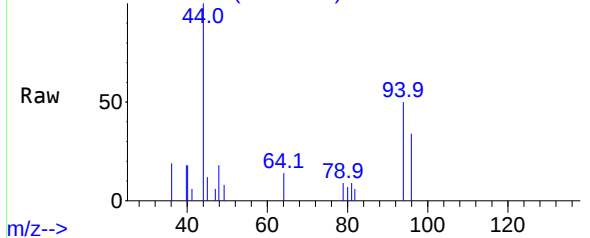
Tgt Ion: 94 Resp: 622

Ion Ratio Lower Upper

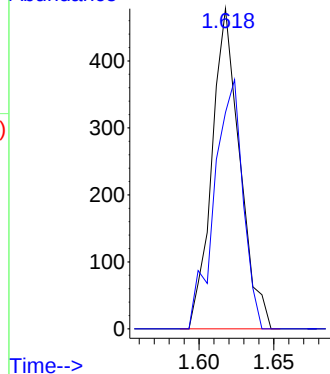
94 100

96 67.6 75.3 112.9#

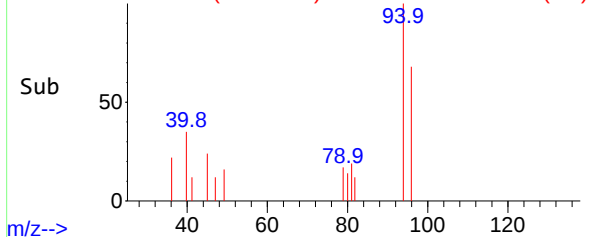
Abundance Scan 87 (1.618 min): VX029793.D\data.ms



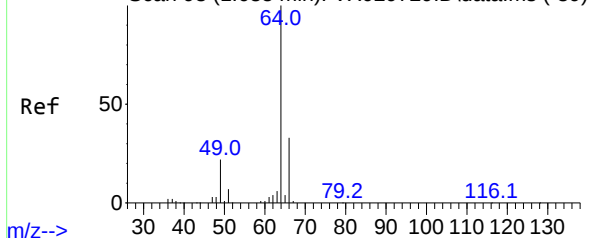
Abundance



Abundance Scan 87 (1.618 min): VX029793.D\data.ms (-37)



Abundance Scan 98 (1.685 min): VX029729.D\data.ms (-89)



#6

Chloroethane

Concen: 1.358 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX029793.D

Acq: 25 Jun 2022 02:43

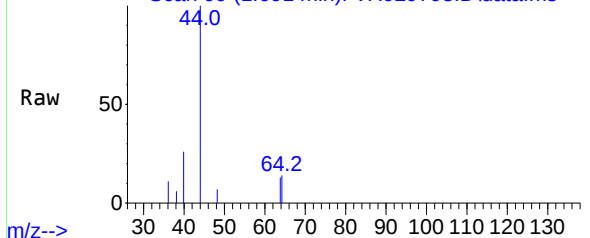
Tgt Ion: 64 Resp: 166

Ion Ratio Lower Upper

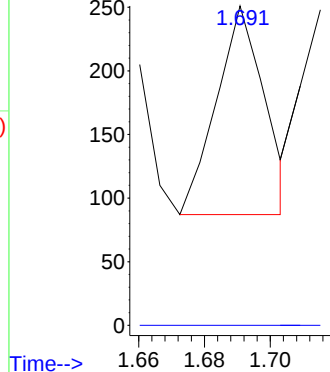
64 100

66 0.0 25.3 37.9#

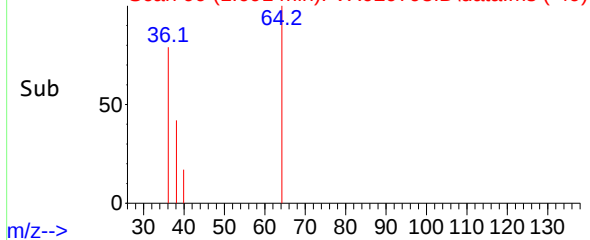
Abundance Scan 99 (1.691 min): VX029793.D\data.ms

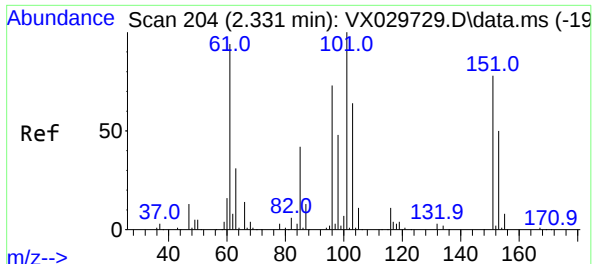


Abundance



Abundance Scan 99 (1.691 min): VX029793.D\data.ms (-49)

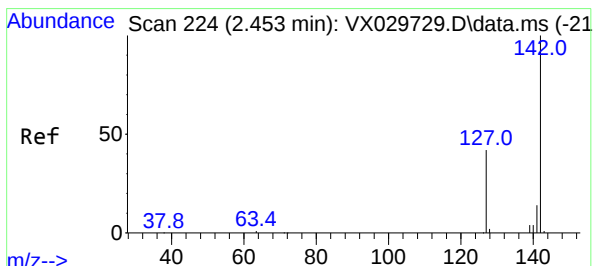
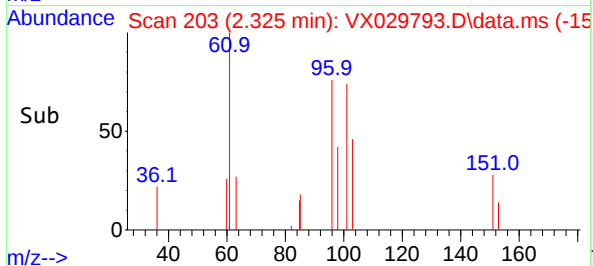
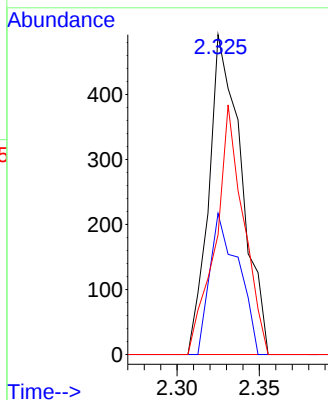
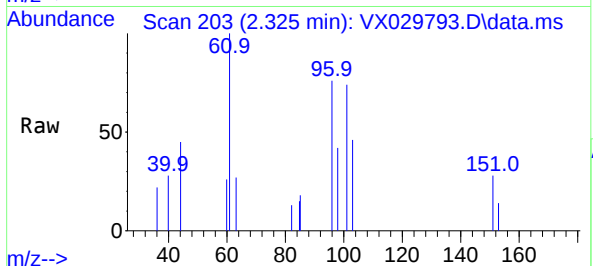




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.246 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX029793.D
Acq: 25 Jun 2022 02:43

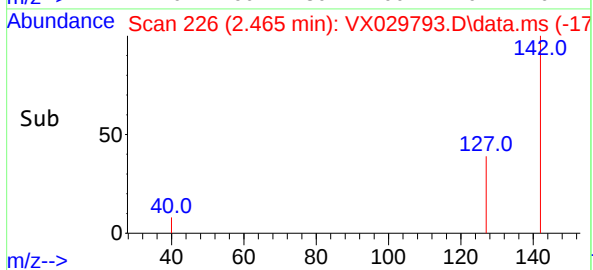
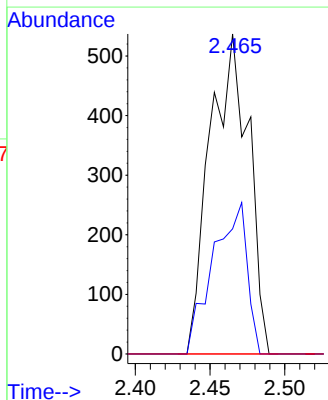
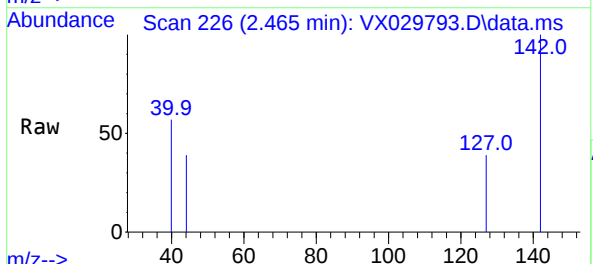
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20220614

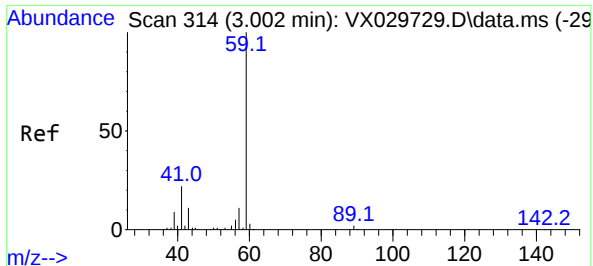
Tgt Ion:101	Resp:	678
Ion	Ratio	Lower Upper
101	100	
85	38.6	33.5 50.3
151	67.3	61.8 92.6



#10
Methyl Iodide
Concen: 3.306 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX029793.D
Acq: 25 Jun 2022 02:43

Tgt Ion:142	Resp:	965
Ion	Ratio	Lower Upper
142	100	
127	41.7	33.9 50.9
141	0.0	11.4 17.2





#11

Tert butyl alcohol

Concen: 4.043 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.036 min

Lab File: VX029793.D

Acq: 25 Jun 2022 02:43

Instrument :

MSVOA_X

ClientSampleId :

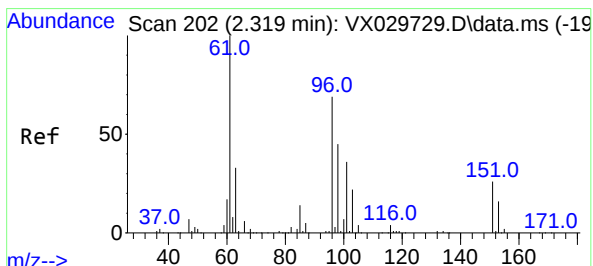
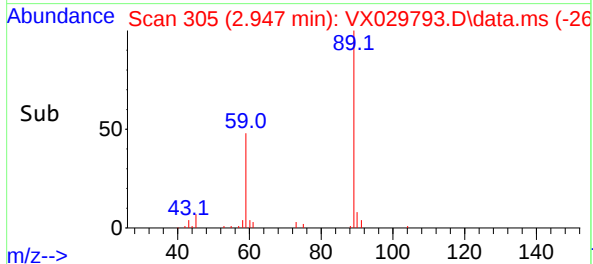
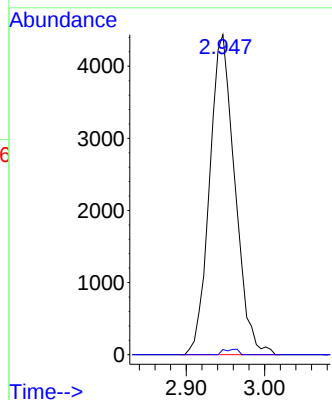
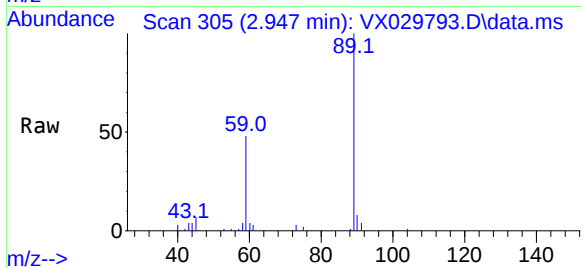
RE108D2-20220614

Tgt Ion: 59 Resp: 9954

Ion Ratio Lower Upper

59 100

57 1.0 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 0.330 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX029793.D

Acq: 25 Jun 2022 02:43

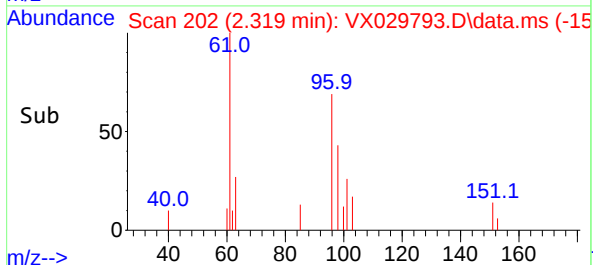
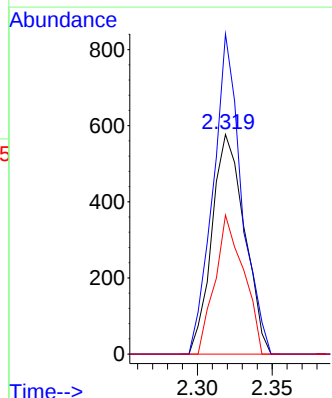
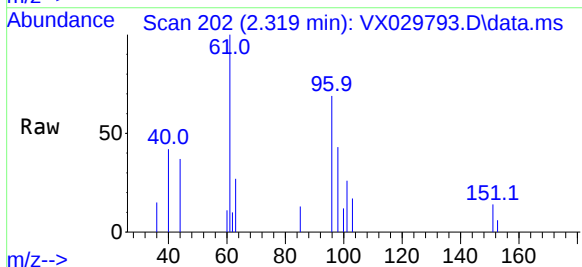
Tgt Ion: 96 Resp: 877

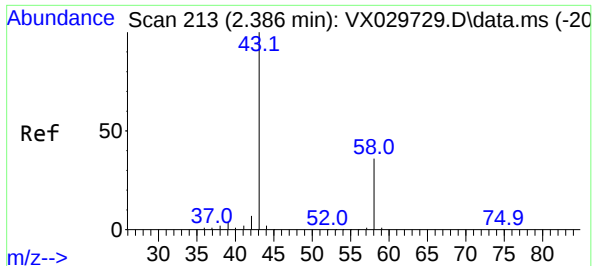
Ion Ratio Lower Upper

96 100

61 145.8 124.6 187.0

98 63.3 51.0 76.4

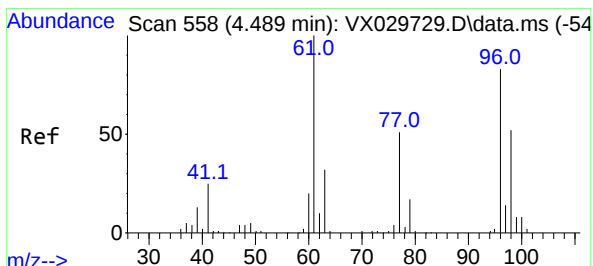
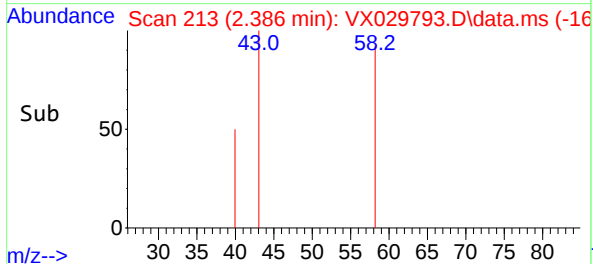
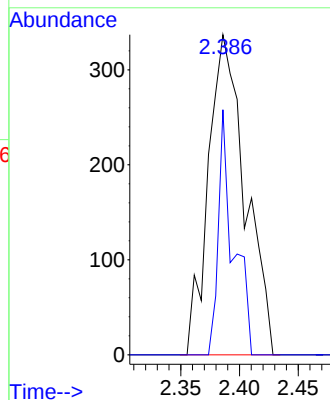
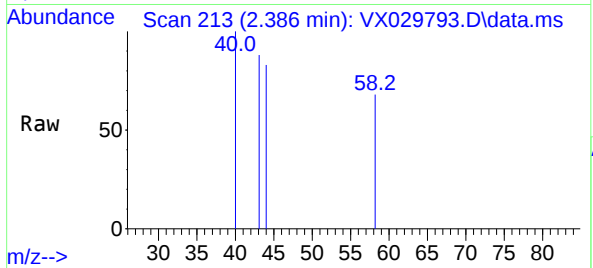




#16
Acetone
Concen: 0.531 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029793.D
Acq: 25 Jun 2022 02:43

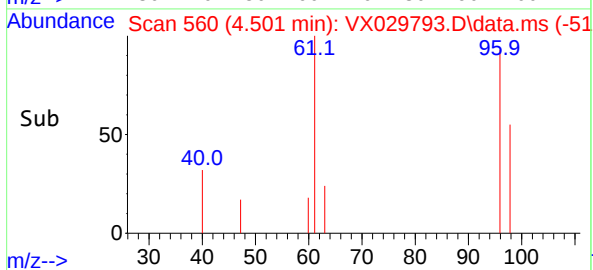
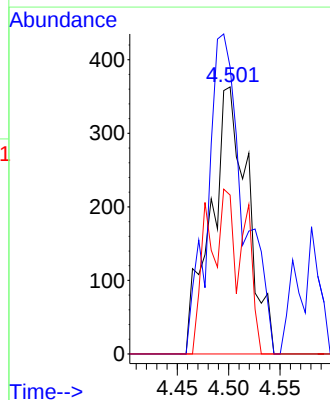
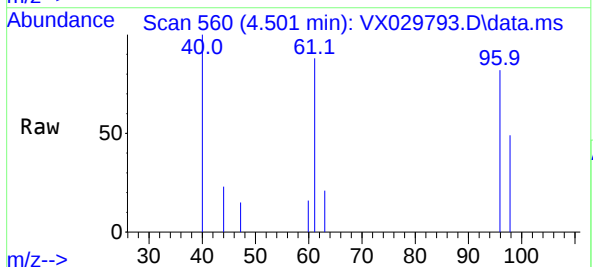
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20220614

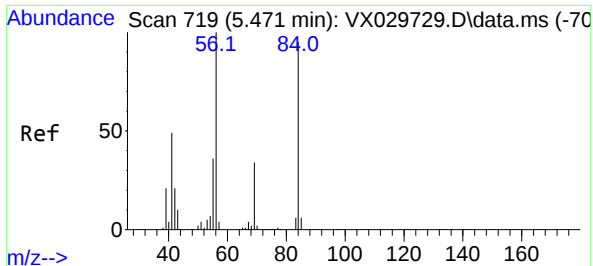
Tgt Ion: 43 Resp: 736
Ion Ratio Lower Upper
43 100
58 76.6 28.8 43.2#



#27
cis-1,2-Dichloroethene
Concen: 0.267 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX029793.D
Acq: 25 Jun 2022 02:43

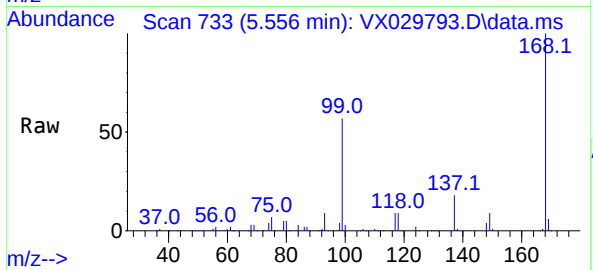
Tgt Ion: 96 Resp: 905
Ion Ratio Lower Upper
96 100
61 115.8 0.0 283.8
98 13.0 0.0 129.8



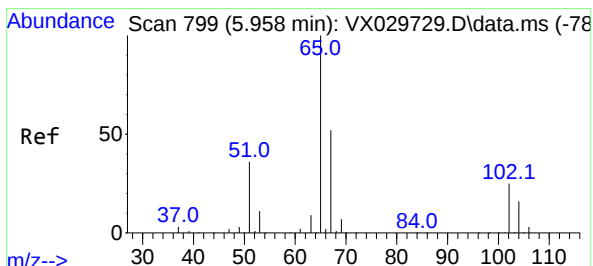
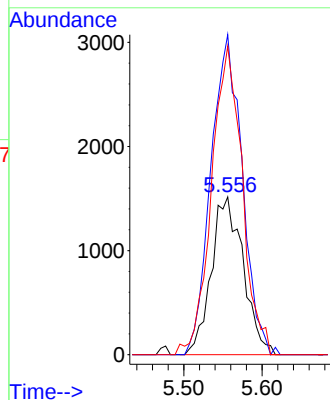
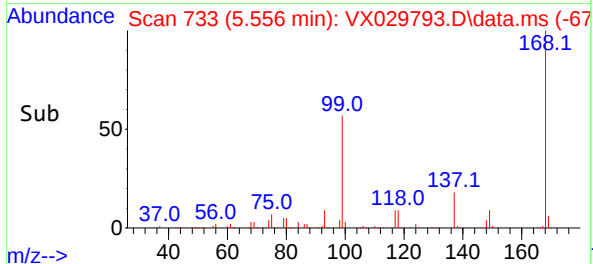


#31
Cyclohexane
Concen: 0.921 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029793.D
Acq: 25 Jun 2022 02:43

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20220614

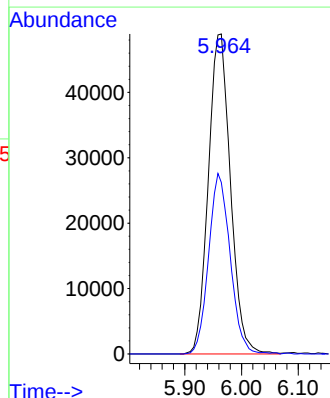
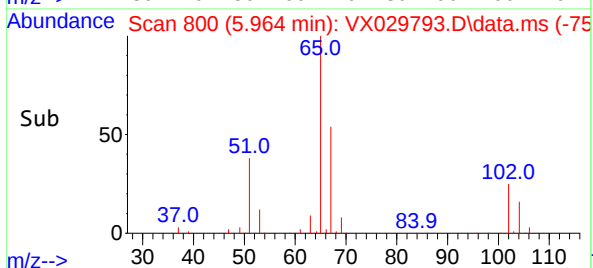
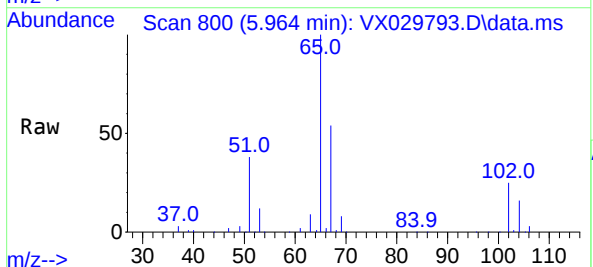


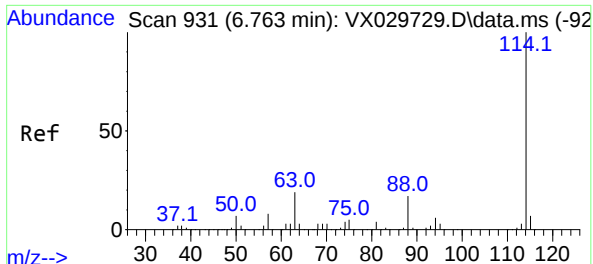
Tgt Ion: 56 Resp: 4294
Ion Ratio Lower Upper
56 100
69 202.9 26.7 40.1#
84 195.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 38.126 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029793.D
Acq: 25 Jun 2022 02:43

Tgt Ion: 65 Resp: 132460
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX029793.D

Acq: 25 Jun 2022 02:43

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20220614

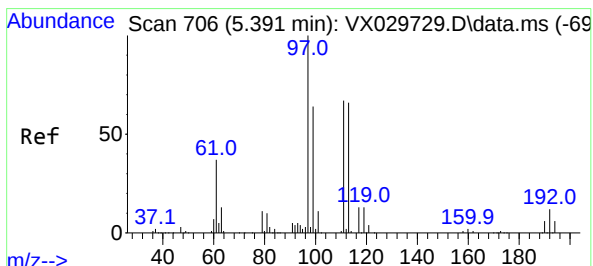
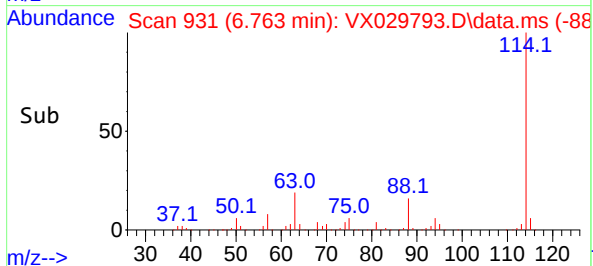
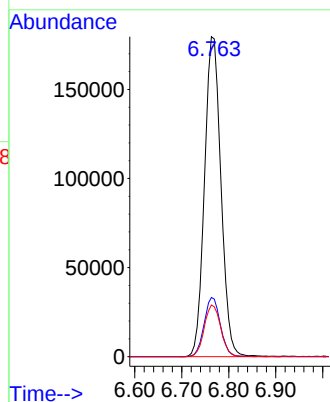
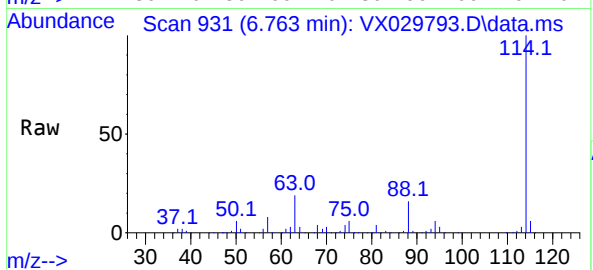
Tgt Ion:114 Resp: 436291

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 16.1 0.0 32.4



#35

Dibromofluoromethane

Concen: 43.668 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029793.D

Acq: 25 Jun 2022 02:43

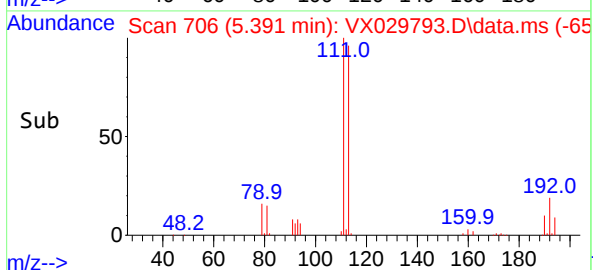
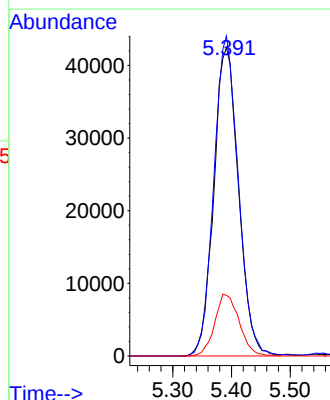
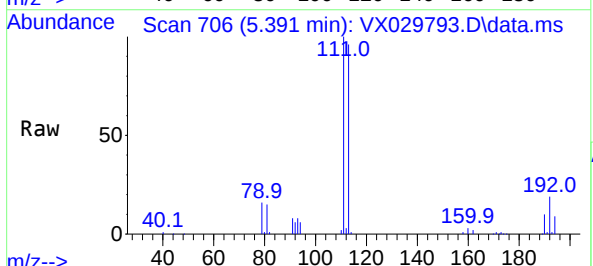
Tgt Ion:113 Resp: 124160

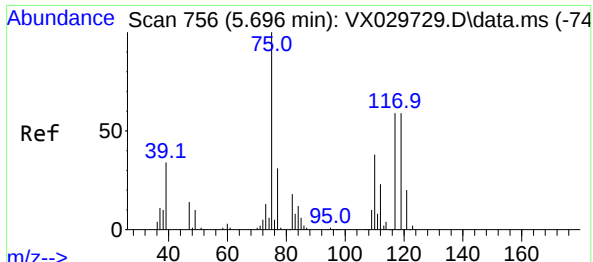
Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

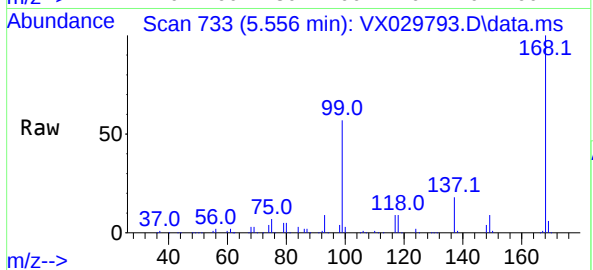
192 19.8 16.9 25.3



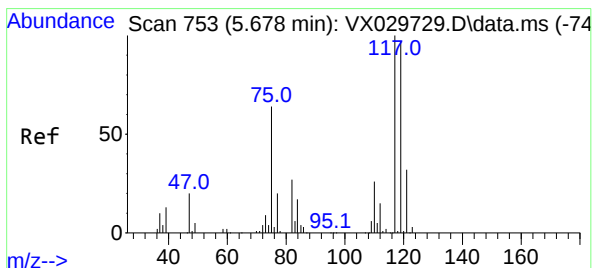
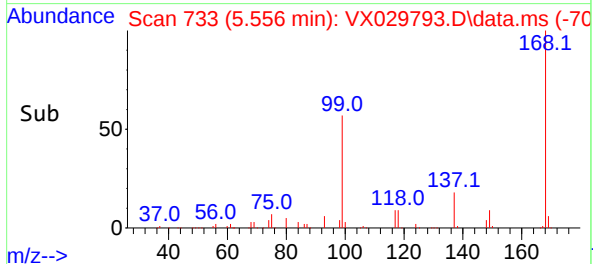
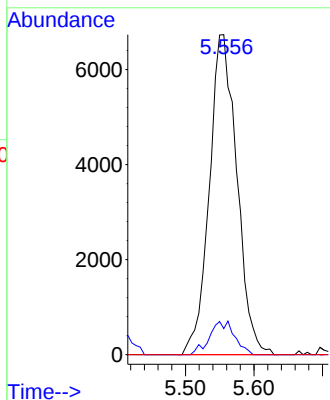


#36
1,1-Dichloropropene
Concen: 4.887 ug/l
RT: 5.556 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX029793.D
Acq: 25 Jun 2022 02:43

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20220614

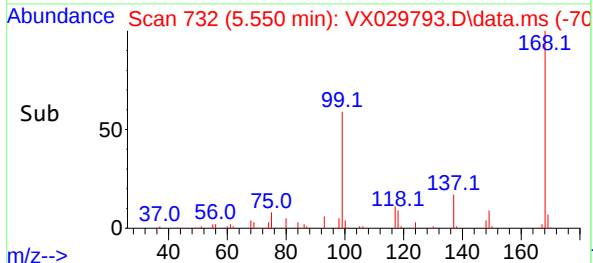
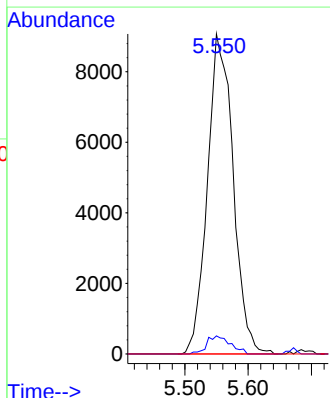
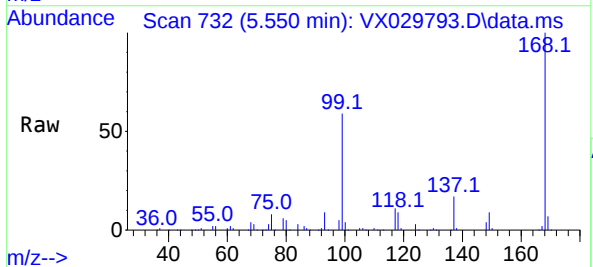


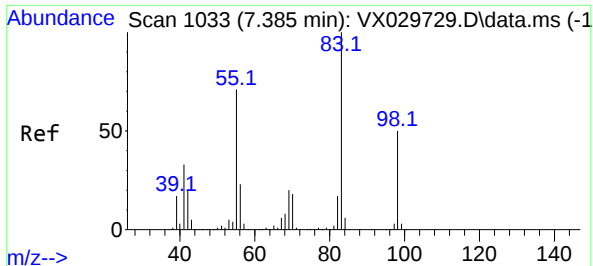
Tgt Ion: 75 Resp: 18808
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.760 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX029793.D
Acq: 25 Jun 2022 02:43

Tgt Ion: 117 Resp: 25581
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 1.088 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX029793.D

Acq: 25 Jun 2022 02:43

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20220614

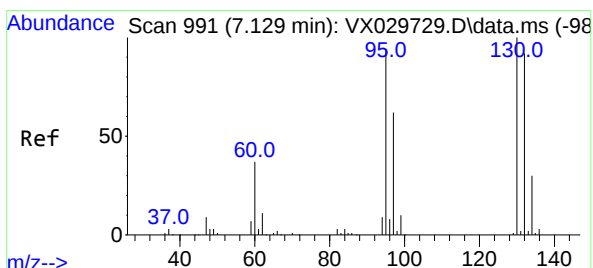
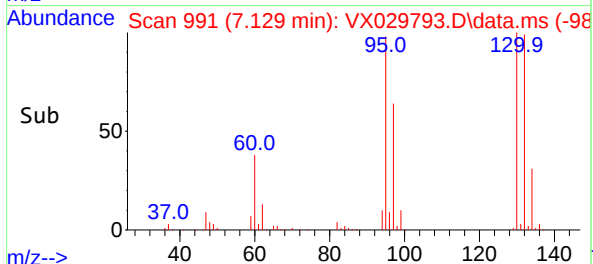
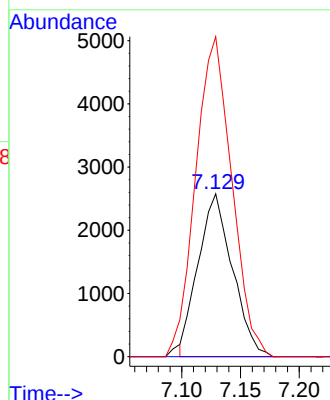
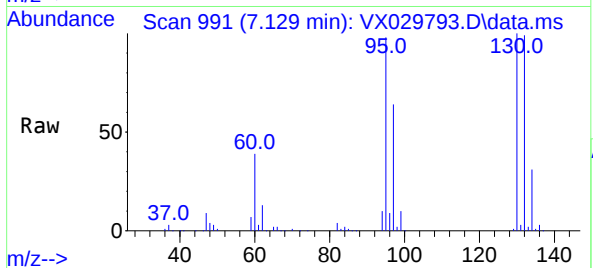
Tgt Ion: 83 Resp: 5220

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 196.5 37.4 56.2#



#44

Trichloroethene

Concen: 144.170 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029793.D

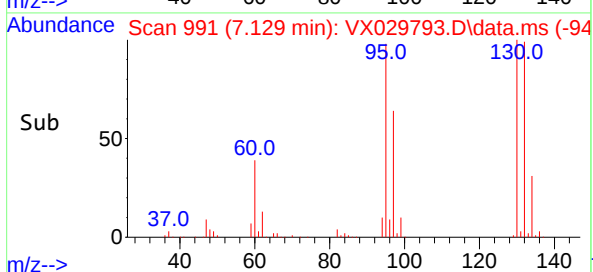
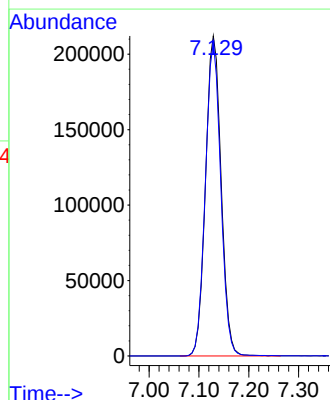
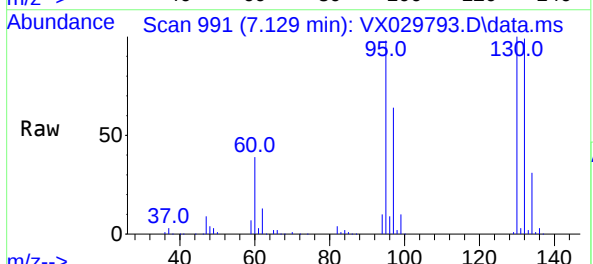
Acq: 25 Jun 2022 02:43

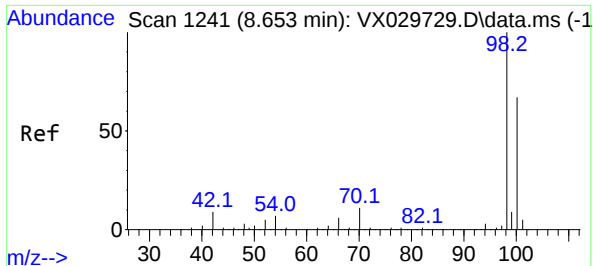
Tgt Ion:130 Resp: 459134

Ion Ratio Lower Upper

130 100

95 98.1 0.0 188.8





#50

Toluene-d8

Concen: 46.974 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029793.D

Acq: 25 Jun 2022 02:43

Instrument :

MSVOA_X

ClientSampleId :

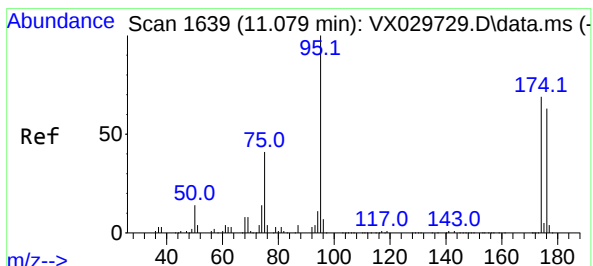
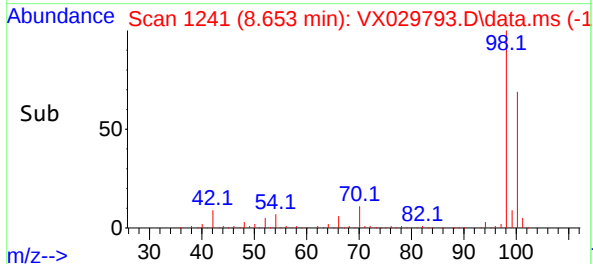
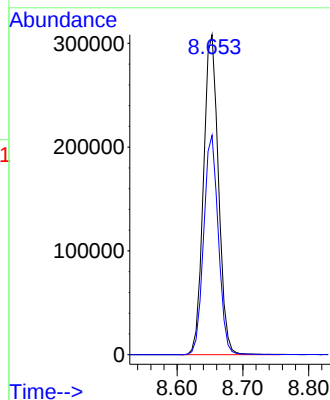
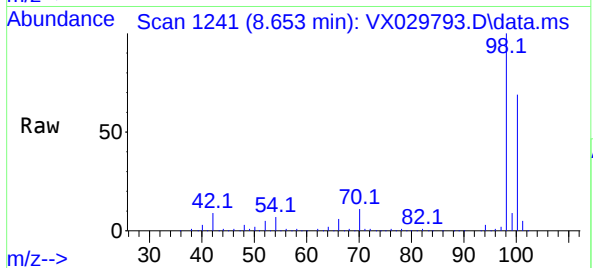
RE108D2-20220614

Tgt Ion: 98 Resp: 487914

Ion Ratio Lower Upper

98 100

100 67.1 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 44.267 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029793.D

Acq: 25 Jun 2022 02:43

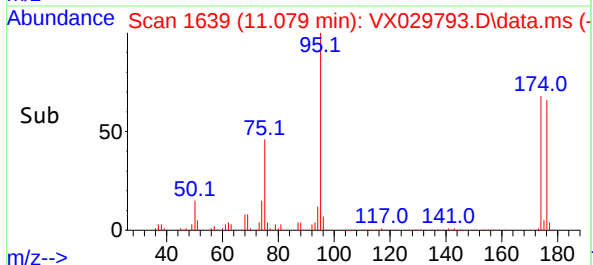
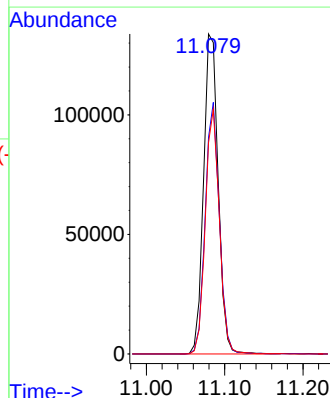
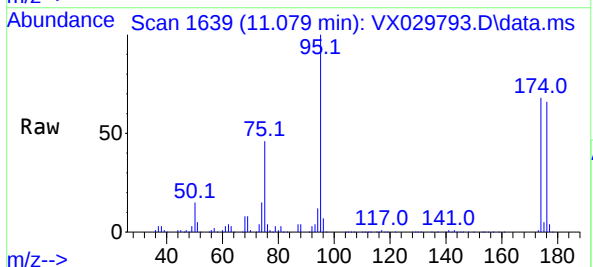
Tgt Ion: 95 Resp: 173396

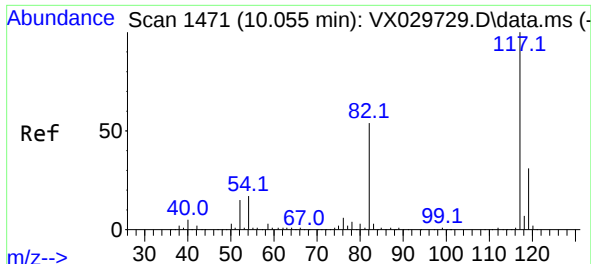
Ion Ratio Lower Upper

95 100

174 75.9 0.0 163.0

176 73.6 0.0 155.0

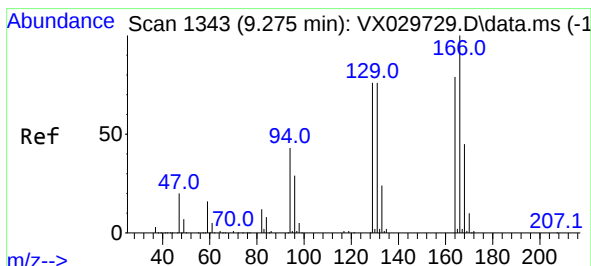
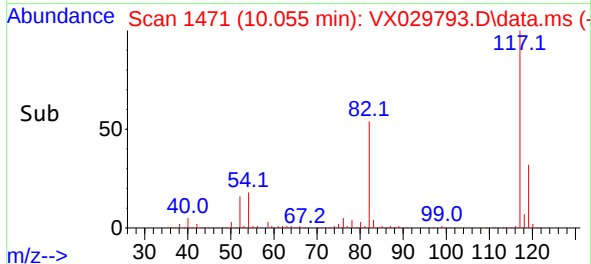
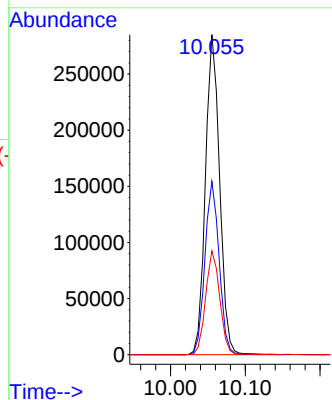
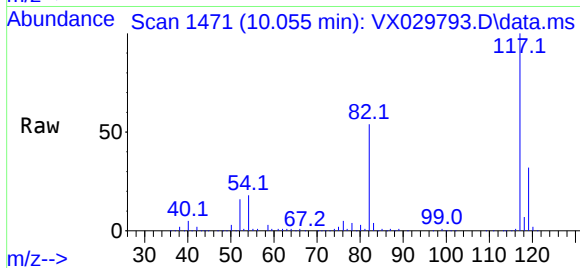




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029793.D
Acq: 25 Jun 2022 02:43

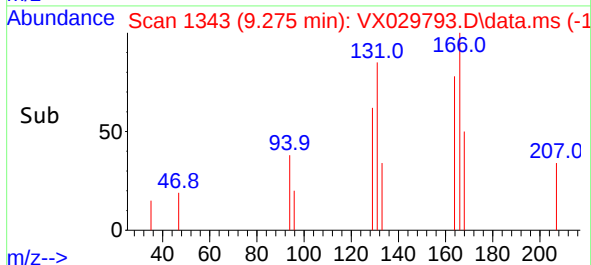
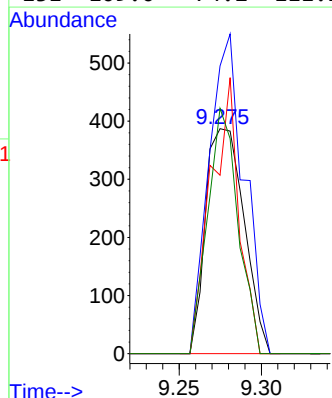
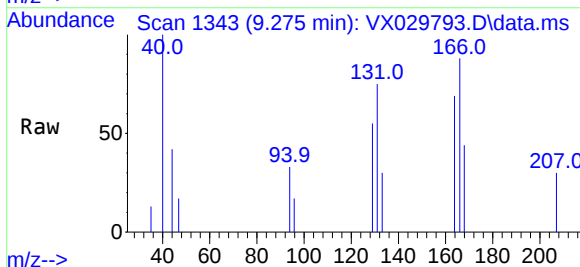
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20220614

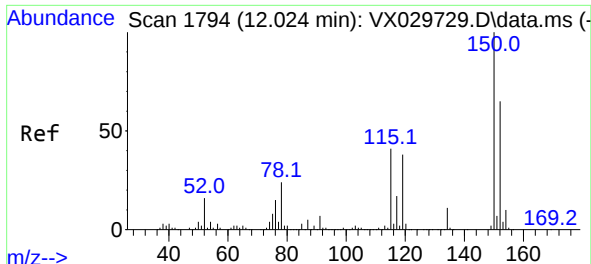
Tgt Ion:117 Resp: 375894
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.8
119 32.5 24.8 37.2



#64
Tetrachloroethene
Concen: 0.232 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX029793.D
Acq: 25 Jun 2022 02:43

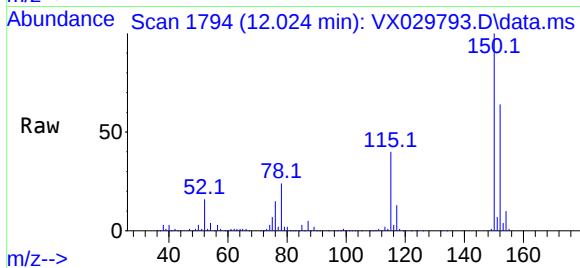
Tgt Ion:164 Resp: 630
Ion Ratio Lower Upper
164 100
166 127.9 101.2 151.8
129 79.3 73.0 109.4
131 109.0 74.2 111.2



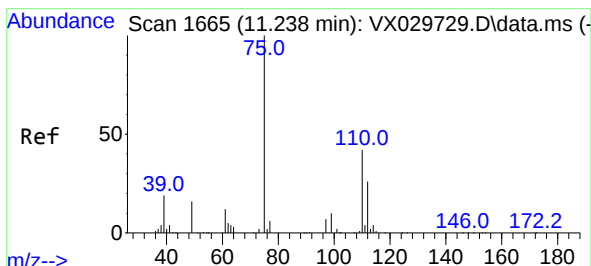
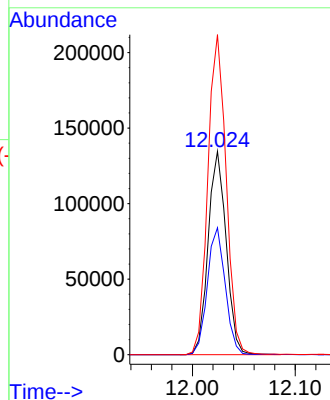
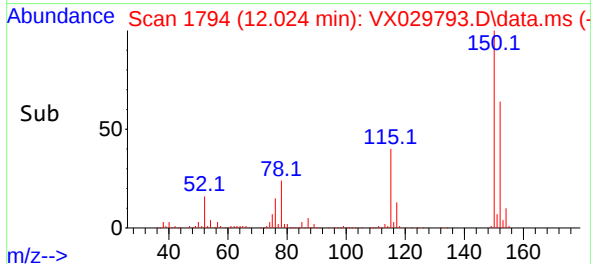


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029793.D
Acq: 25 Jun 2022 02:43

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20220614

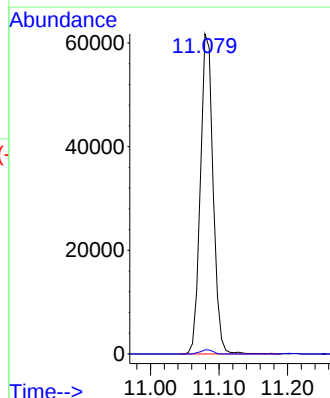
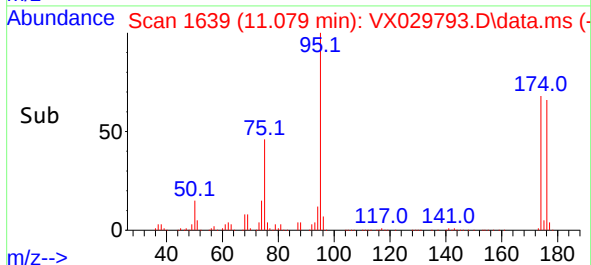
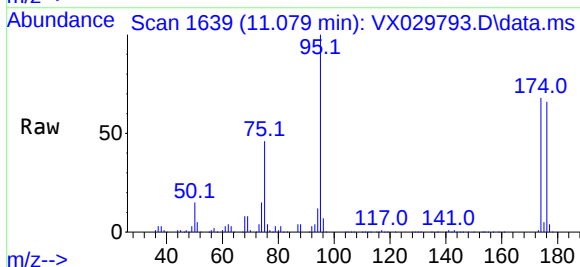


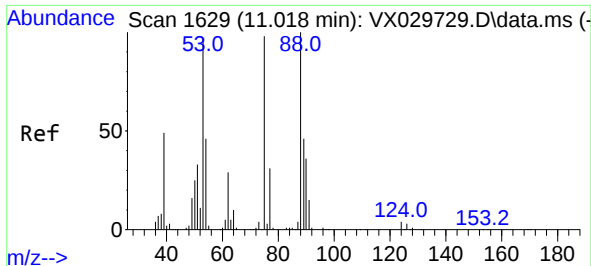
Tgt Ion:152 Resp: 164281
Ion Ratio Lower Upper
152 100
115 62.1 37.5 112.7
150 159.6 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.363 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029793.D
Acq: 25 Jun 2022 02:43

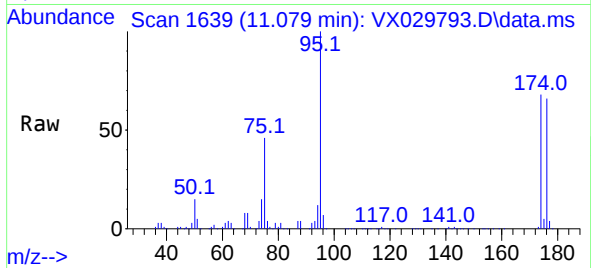
Tgt Ion: 75 Resp: 80034
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.396 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029793.D
 Acq: 25 Jun 2022 02:43

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20220614



Tgt Ion: 75 Resp: 80034
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

