

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029800.D
 Acq On : 25 Jun 2022 05:27
 Operator : JC/MD
 Sample : N3386-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20220614

Quant Time: Jun 25 06:04:08 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)

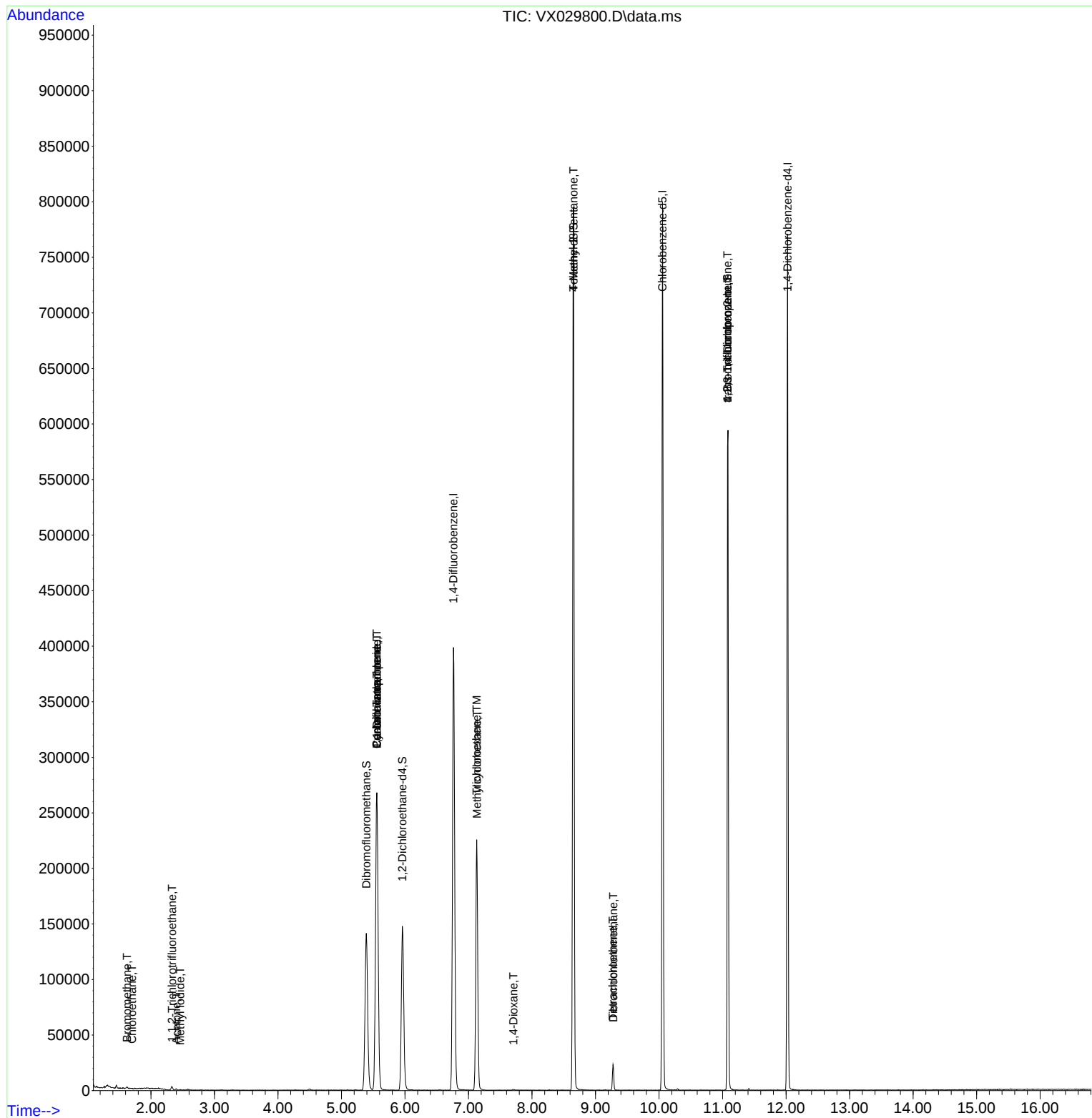
Internal Standards						
1) Pentafluorobenzene	5.556	168	263915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	432992	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139095	39.815	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	79.640%
35) Dibromofluoromethane	5.391	113	126311	44.763	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.520%
50) Toluene-d8	8.653	98	486071	47.153	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.300%
62) 4-Bromofluorobenzene	11.079	95	172143	44.282	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.560%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	535	0.331	ug/l	91
6) Chloroethane	1.703	64	127	1.343	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	1217	0.439	ug/l	96
10) Methyl Iodide	2.459	142	373	3.129	ug/l #	87
11) Tert butyl alcohol	2.983	59	33	Below Cal	#	72
16) Acetone	2.398	43	835	0.600	ug/l #	71
31) Cyclohexane	5.556	56	4464	0.952	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	18781	4.918	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26436	7.039	ug/l #	15
39) Methylcyclohexane	7.135	83	973	0.204	ug/l #	1
44) Trichloroethene	7.129	130	90674	27.763	ug/l	99
49) 1,4-Dioxane	7.708	88	722	9.383	ug/l #	77
51) 4-Methyl-2-Pentanone	8.653	43	1628	0.415	ug/l #	1
60) Dibromochloromethane	9.281	129	4453	1.565	ug/l #	9
64) Tetrachloroethene	9.275	164	4735	1.758	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	81941	23.062	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	81941	76.722	ug/l #	15

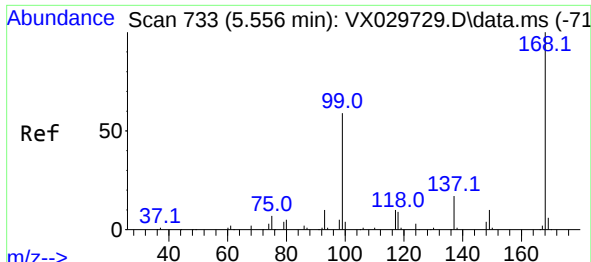
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
Data File : VX029800.D
Acq On : 25 Jun 2022 05:27
Operator : JC/MD
Sample : N3386-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20220614

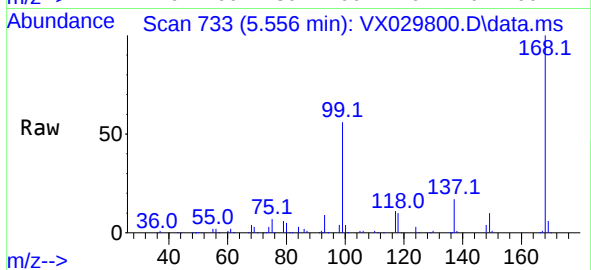
Quant Time: Jun 25 06:04:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration



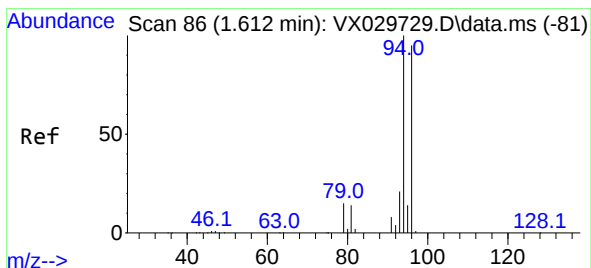
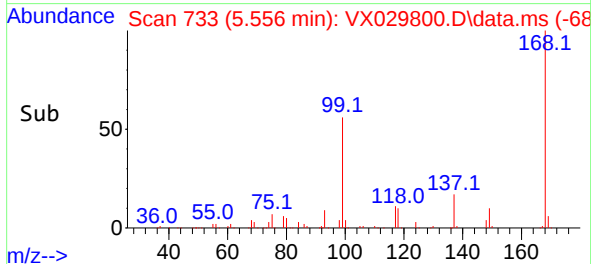
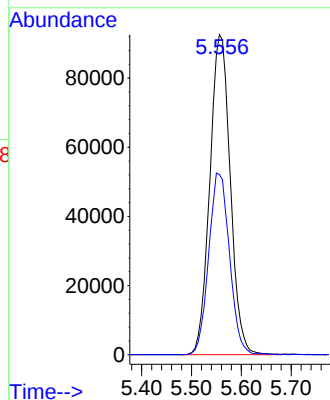


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20220614

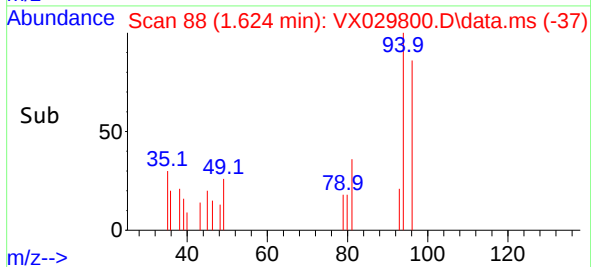
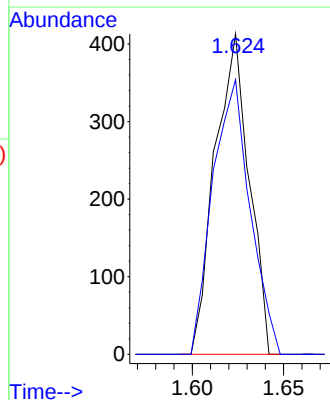
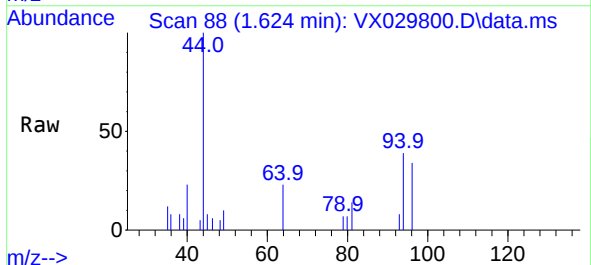


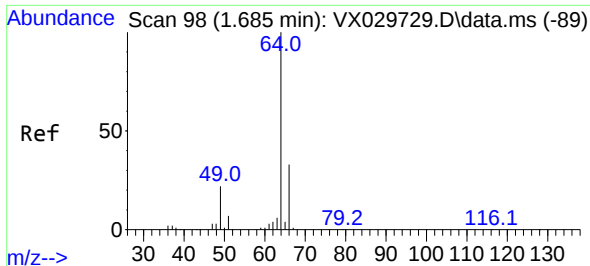
Tgt Ion:168 Resp: 263915
Ion Ratio Lower Upper
168 100
99 56.3 41.7 62.5



#5
Bromomethane
Concen: 0.331 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

Tgt Ion: 94 Resp: 535
Ion Ratio Lower Upper
94 100
96 85.7 75.3 112.9

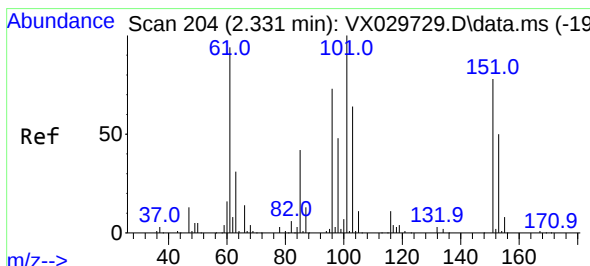
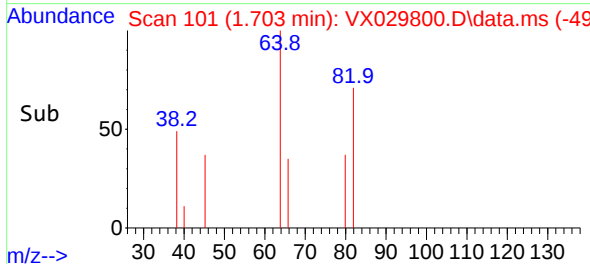
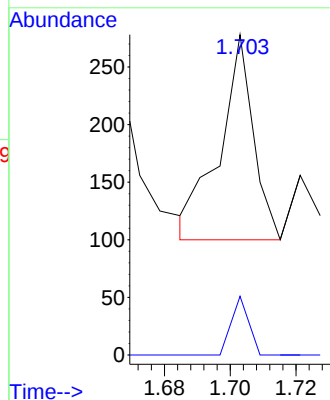
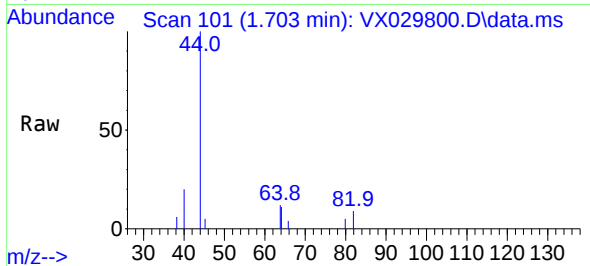




#6
Chloroethane
Concen: 1.343 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

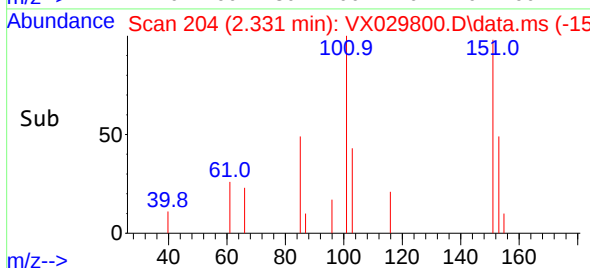
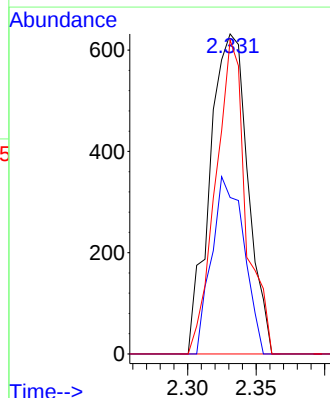
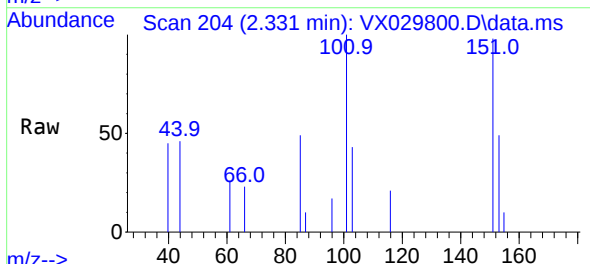
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20220614

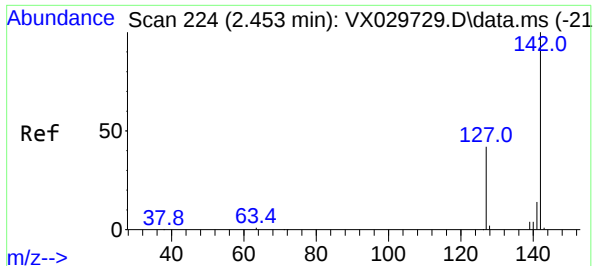
Tgt Ion: 64 Resp: 127
Ion Ratio Lower Upper
64 100
66 28.7 25.3 37.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.439 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

Tgt Ion: 101 Resp: 1217
Ion Ratio Lower Upper
101 100
85 46.8 33.5 50.3
151 78.6 61.8 92.6

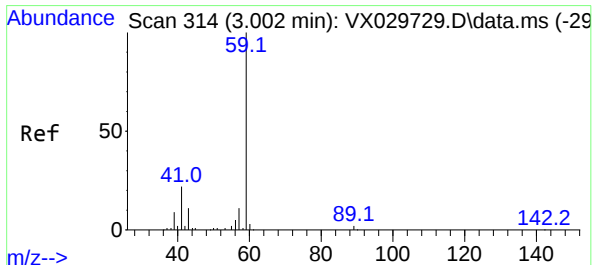
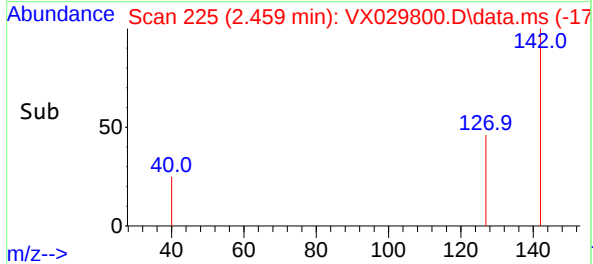
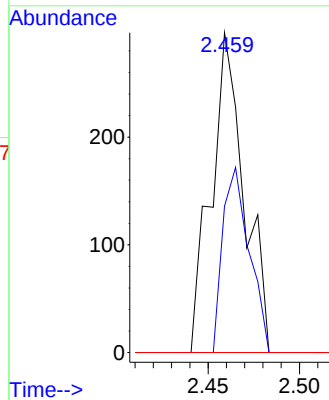
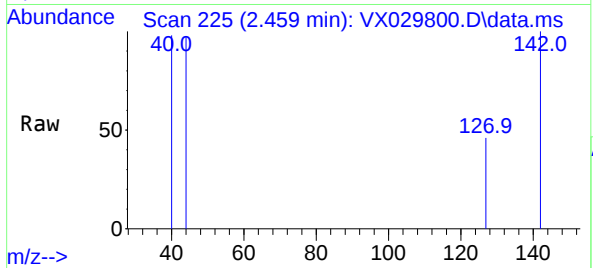




#10
Methyl Iodide
Concen: 3.129 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

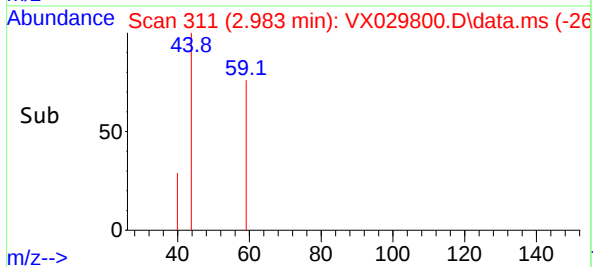
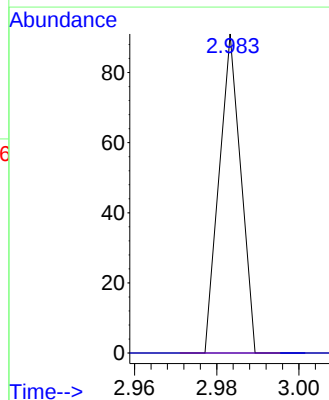
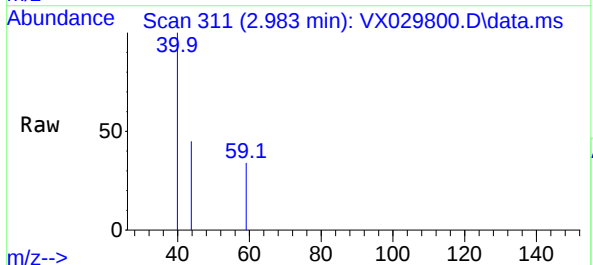
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20220614

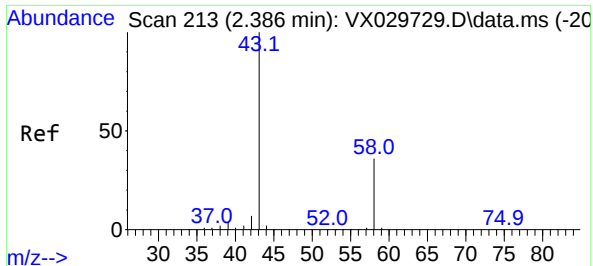
Tgt Ion:142 Resp: 373
Ion Ratio Lower Upper
142 100
127 46.4 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

Tgt Ion: 59 Resp: 33
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

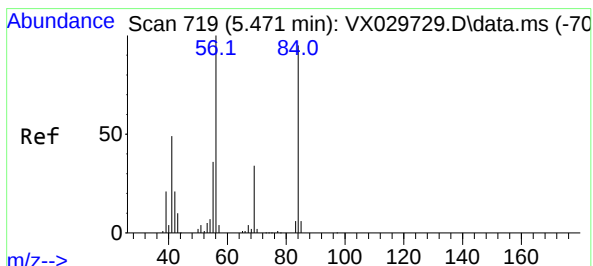
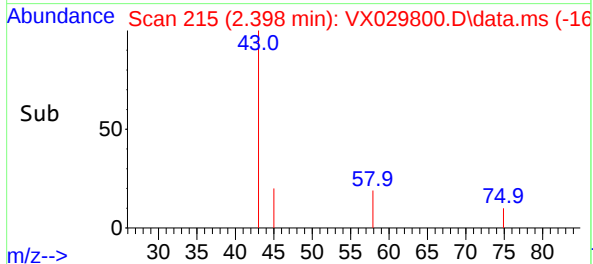
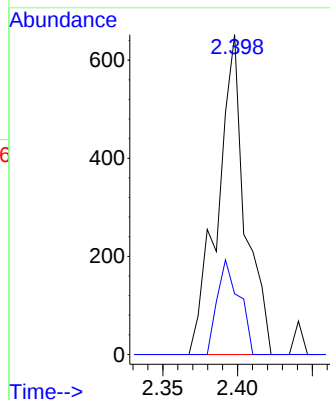
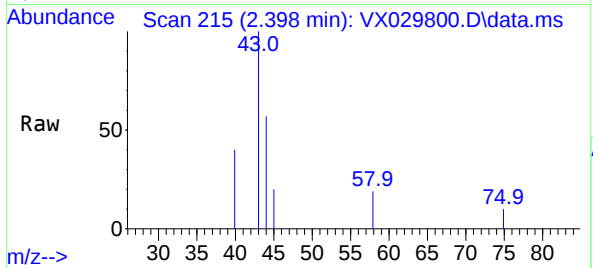




#16
Acetone
Concen: 0.600 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

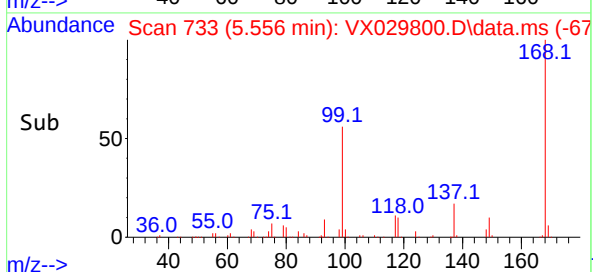
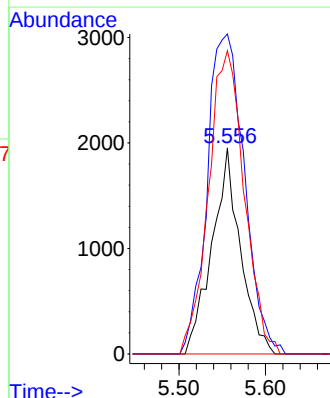
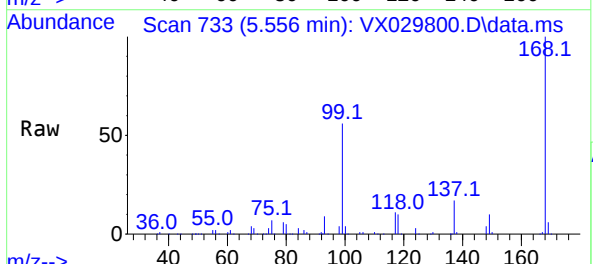
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20220614

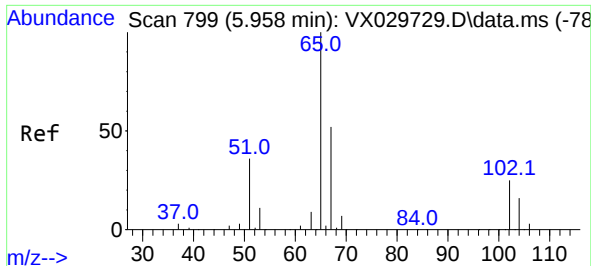
Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
58 19.0 28.8 43.2#



#31
Cyclohexane
Concen: 0.952 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

Tgt Ion: 56 Resp: 4464
Ion Ratio Lower Upper
56 100
69 155.3 26.7 40.1#
84 147.2 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 39.815 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029800.D

Acq: 25 Jun 2022 05:27

Instrument :

MSVOA_X

ClientSampleId :

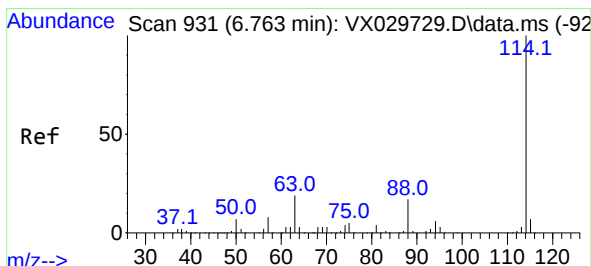
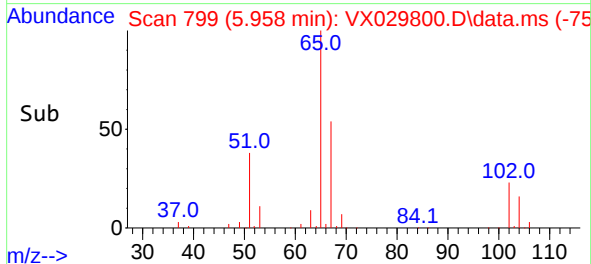
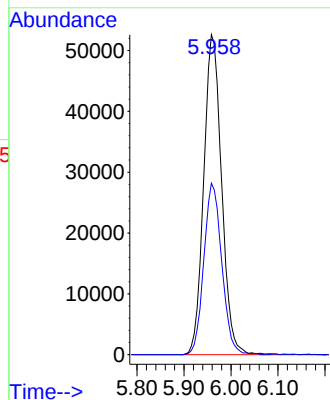
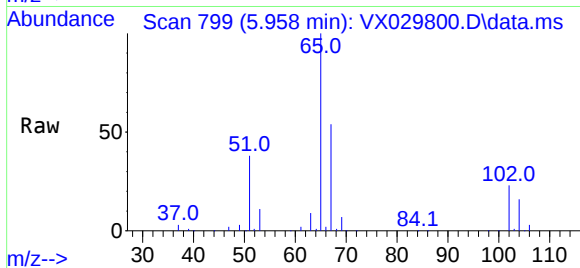
RE108D1-20220614

Tgt Ion: 65 Resp: 139095

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029800.D

Acq: 25 Jun 2022 05:27

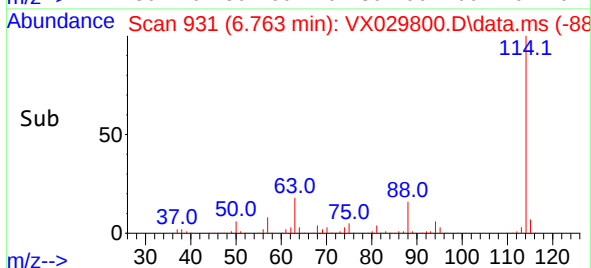
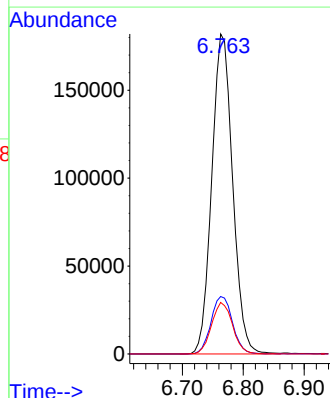
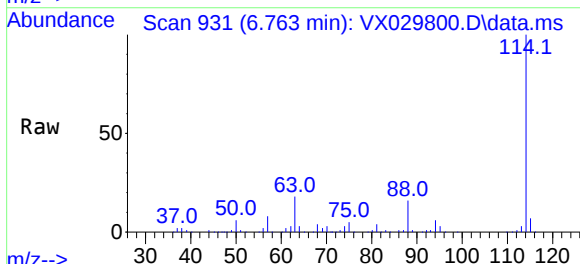
Tgt Ion: 114 Resp: 432992

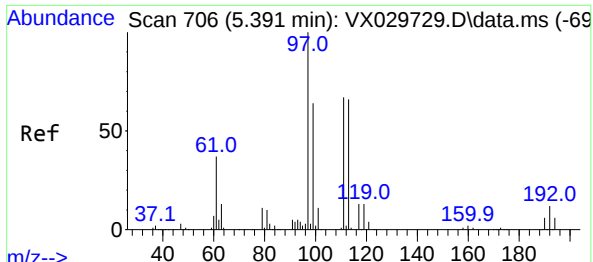
Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

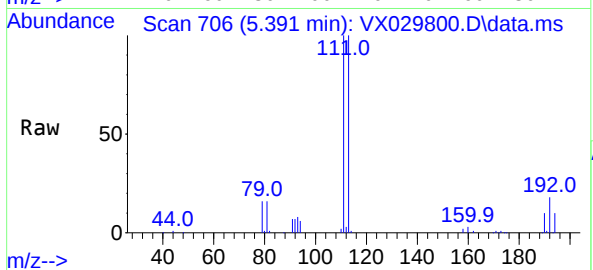
88 16.1 0.0 32.4



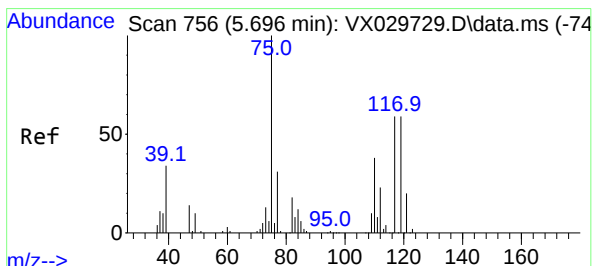
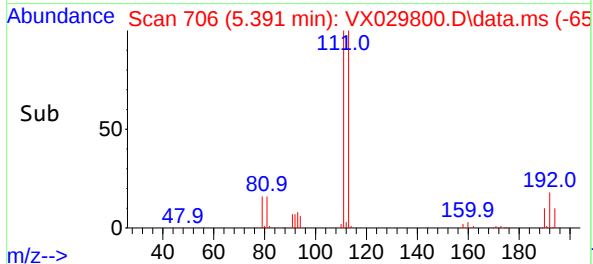
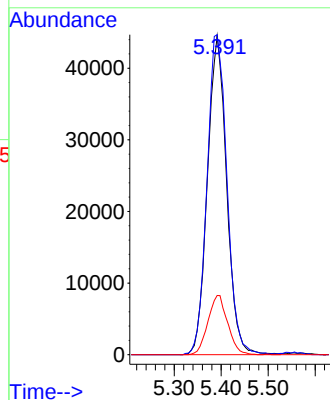


#35
Dibromofluoromethane
Concen: 44.763 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20220614

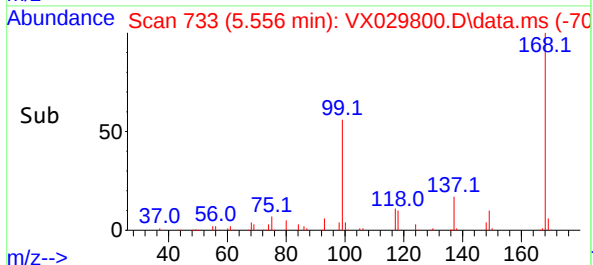
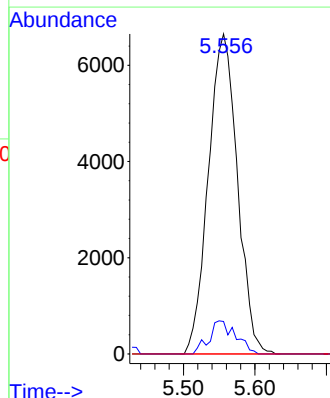
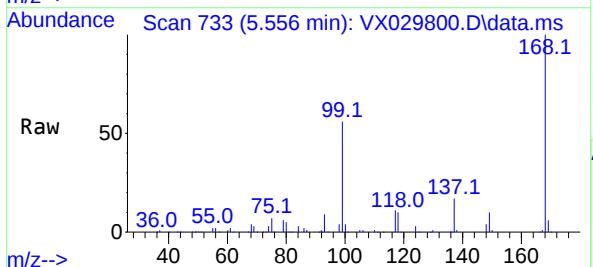


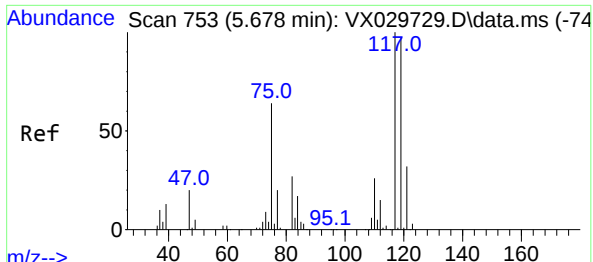
Tgt Ion:	113	Resp:	126311
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.8	124.2
192	19.0	16.9	25.3



#36
1,1-Dichloropropene
Concen: 4.918 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

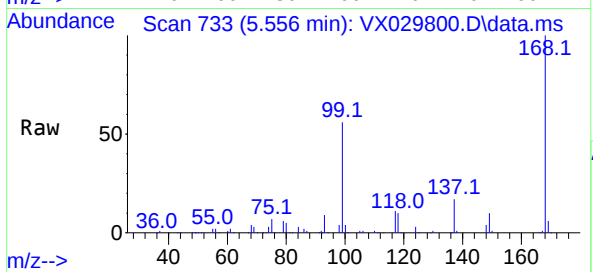
Tgt Ion:	75	Resp:	18781
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.3	54.8#
77	0.0	24.8	37.2#



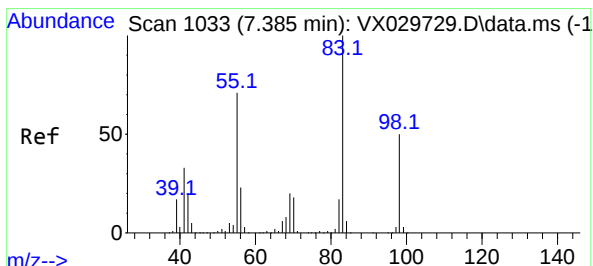
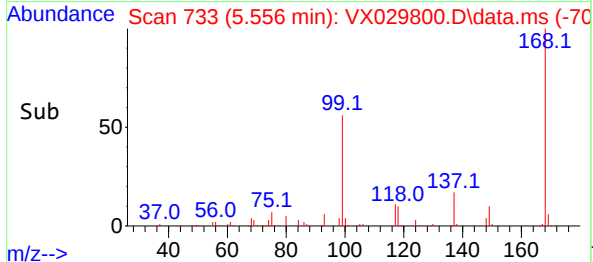
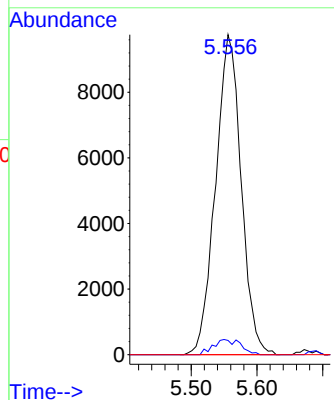


#38
Carbon Tetrachloride
Concen: 7.039 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20220614

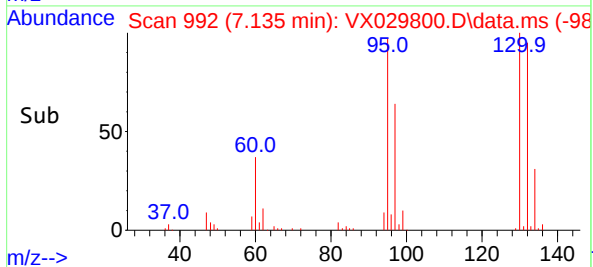
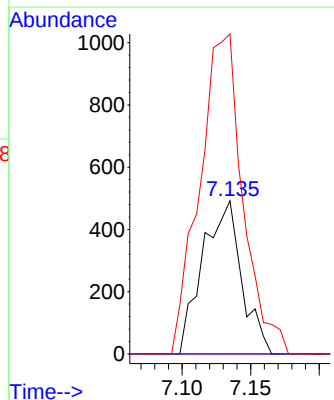
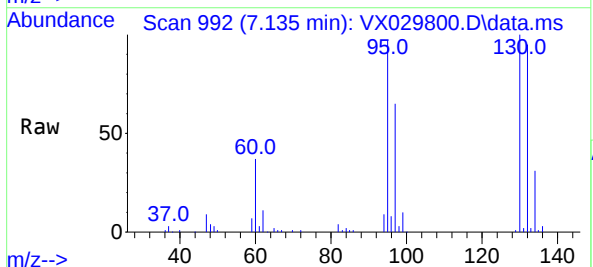


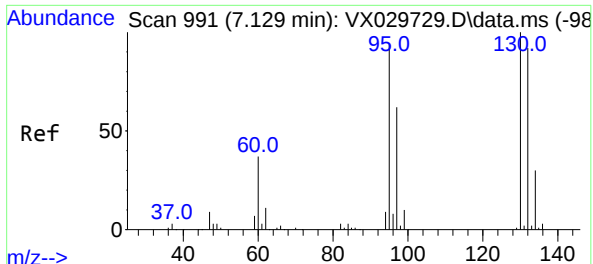
Tgt Ion:117 Resp: 26436
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.204 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

Tgt Ion: 83 Resp: 973
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 193.1 37.4 56.2#

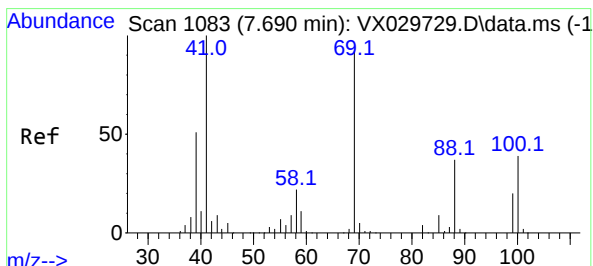
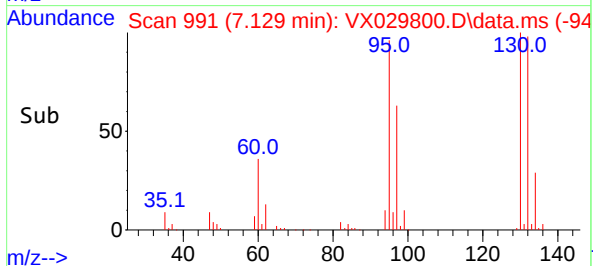
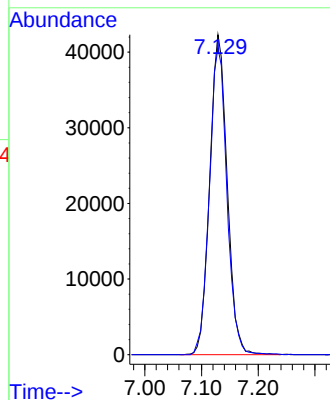
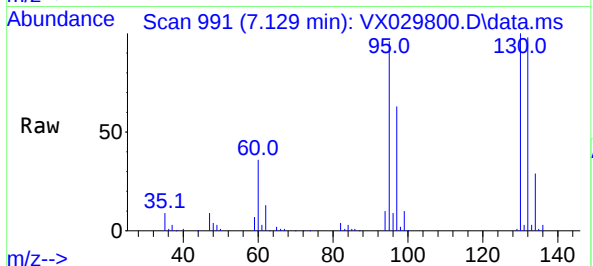




#44
Trichloroethene
Concen: 27.763 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

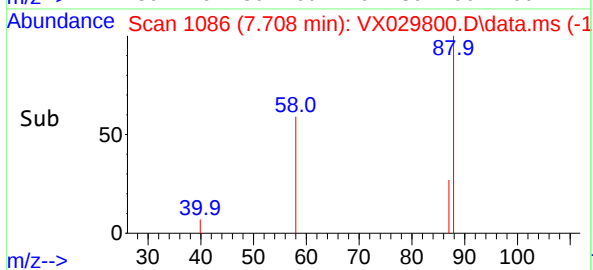
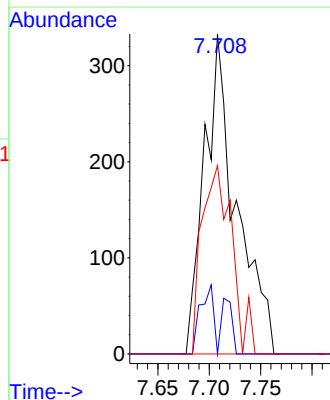
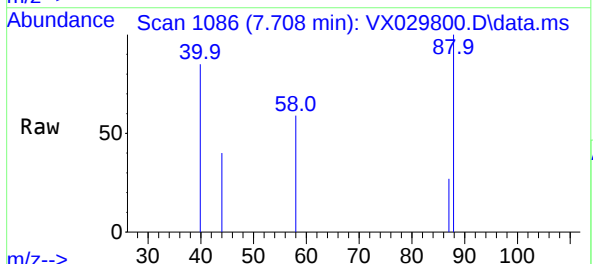
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20220614

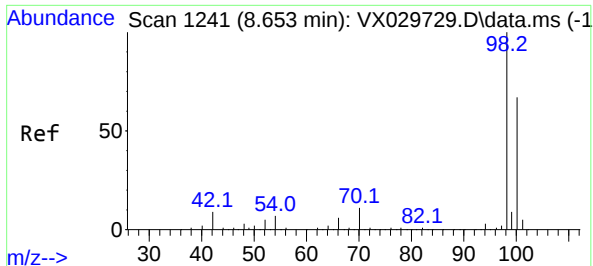
Tgt Ion:130 Resp: 90674
Ion Ratio Lower Upper
130 100
95 95.8 0.0 188.8



#49
1,4-Dioxane
Concen: 9.383 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.024 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

Tgt Ion: 88 Resp: 722
Ion Ratio Lower Upper
88 100
43 5.7 21.9 32.9#
58 55.0 53.7 80.5





#50

Toluene-d8

Concen: 47.153 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029800.D

Acq: 25 Jun 2022 05:27

Instrument :

MSVOA_X

ClientSampleId :

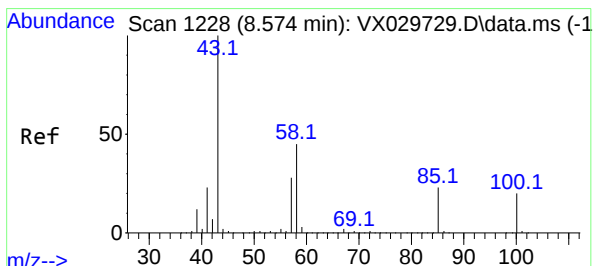
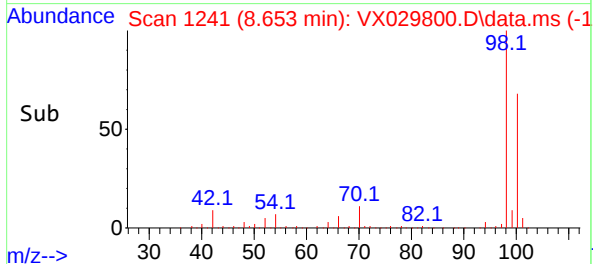
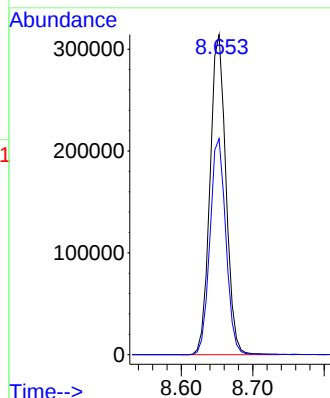
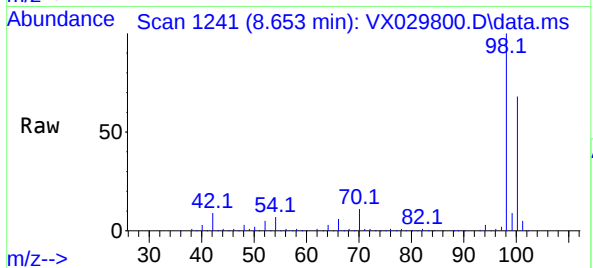
RE108D1-20220614

Tgt Ion: 98 Resp: 486071

Ion Ratio Lower Upper

98 100

100 67.3 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.415 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX029800.D

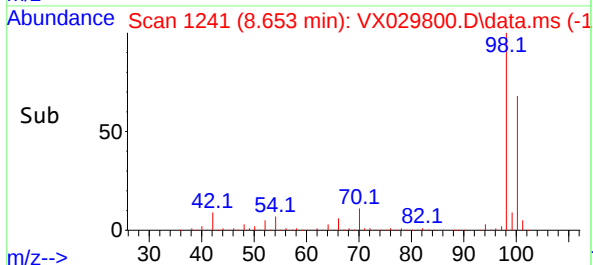
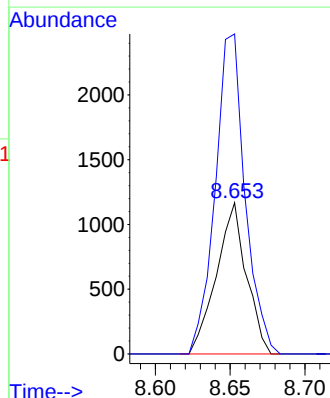
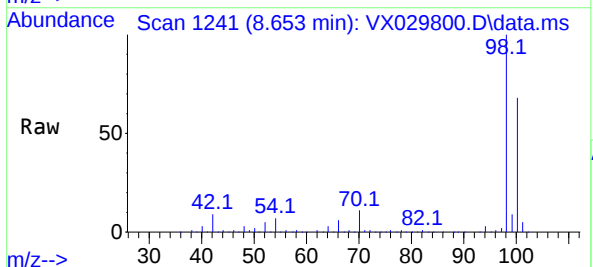
Acq: 25 Jun 2022 05:27

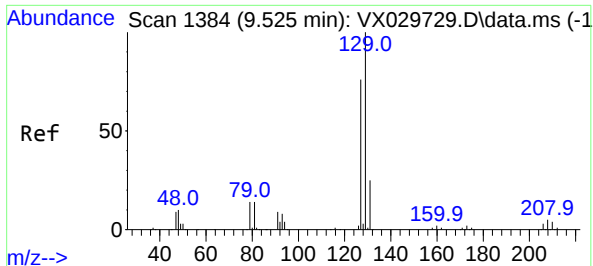
Tgt Ion: 43 Resp: 1628

Ion Ratio Lower Upper

43 100

58 211.0 36.1 54.1#

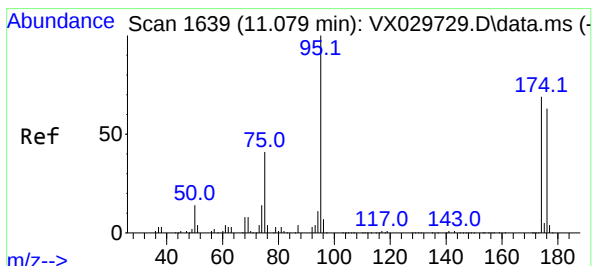
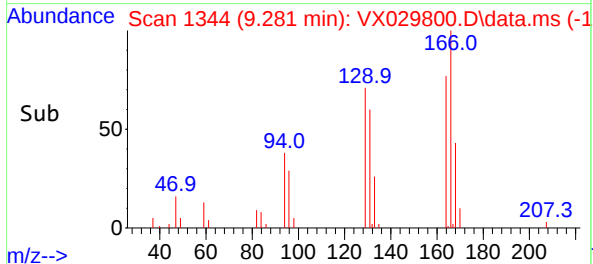
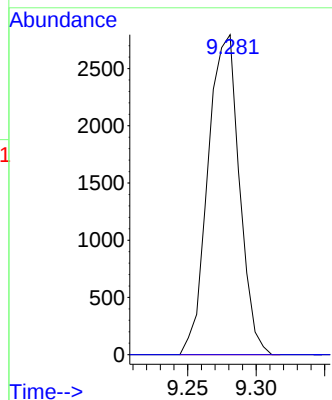
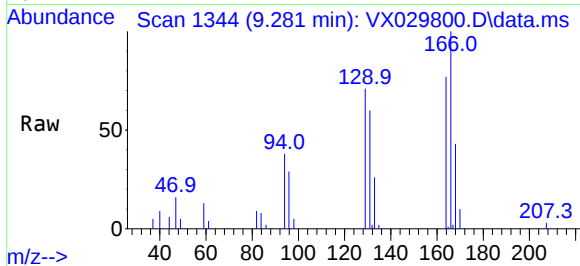




#60
Dibromochloromethane
Concen: 1.565 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

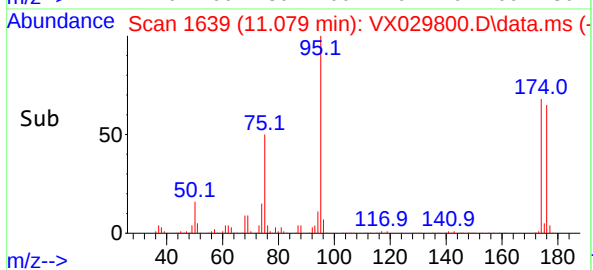
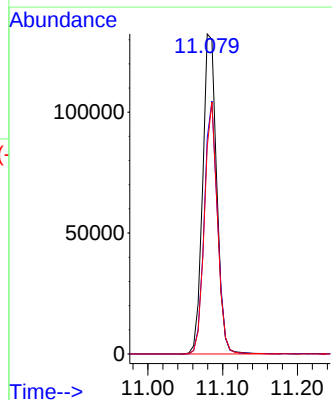
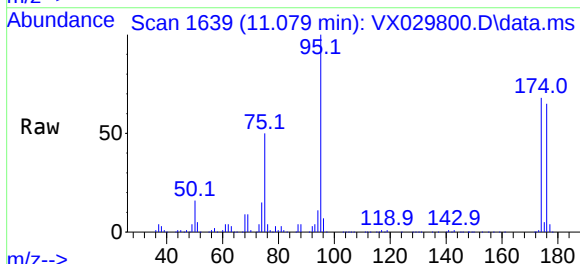
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20220614

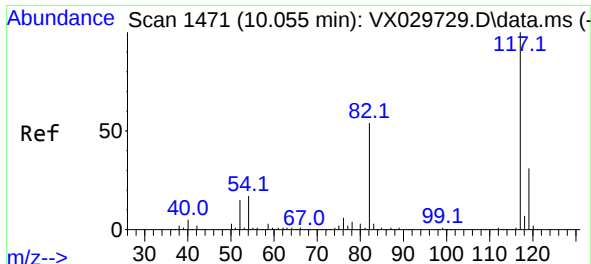
Tgt Ion:129 Resp: 4453
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 44.282 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

Tgt Ion: 95 Resp: 172143
Ion Ratio Lower Upper
95 100
174 74.6 0.0 163.0
176 73.0 0.0 155.0

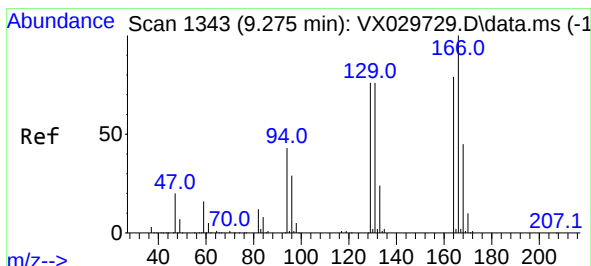
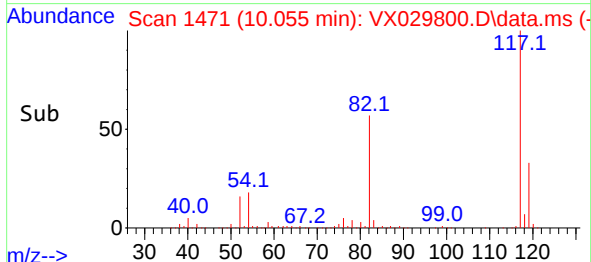
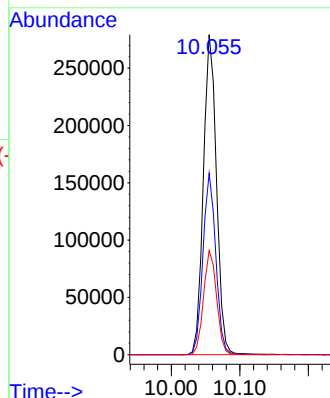
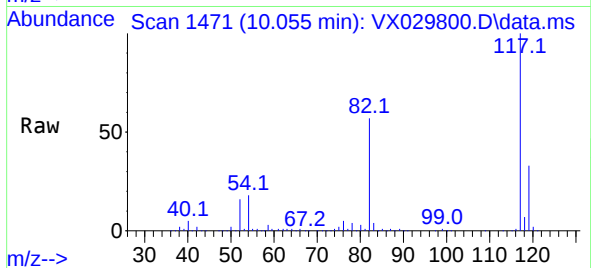




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

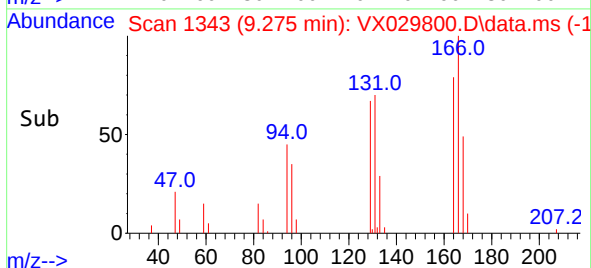
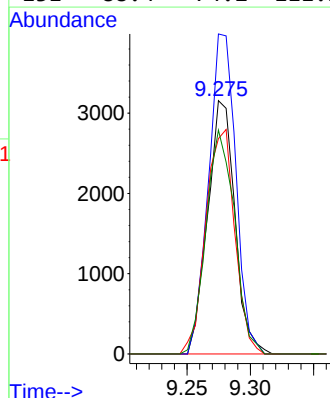
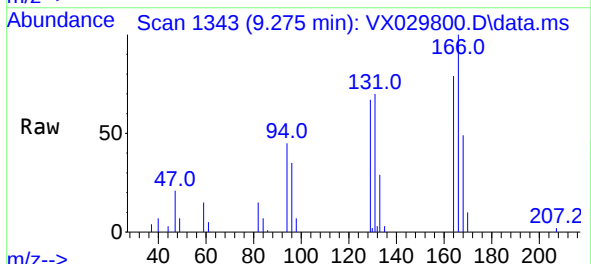
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20220614

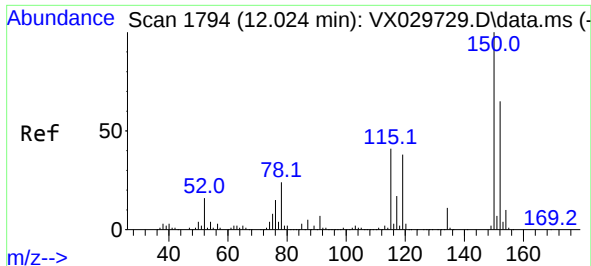
Tgt Ion:117 Resp: 372520
Ion Ratio Lower Upper
117 100
82 56.7 41.8 62.8
119 32.5 24.8 37.2



#64
Tetrachloroethene
Concen: 1.758 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

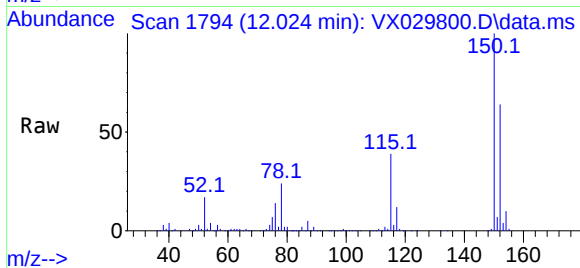
Tgt Ion:164 Resp: 4735
Ion Ratio Lower Upper
164 100
166 126.3 101.2 151.8
129 85.0 73.0 109.4
131 88.4 74.2 111.2



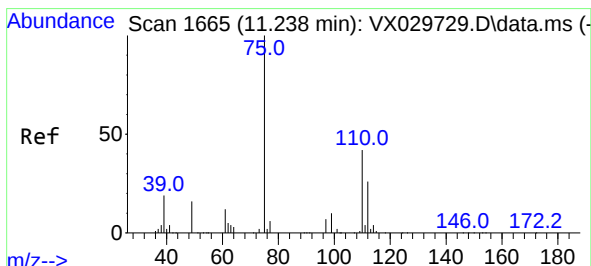
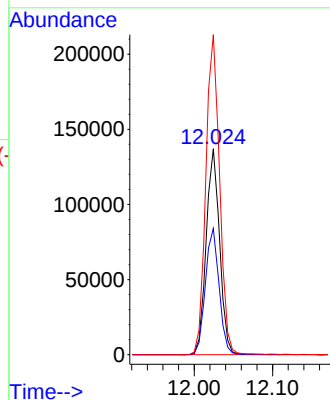
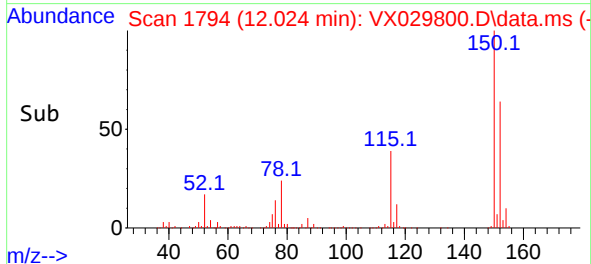


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20220614

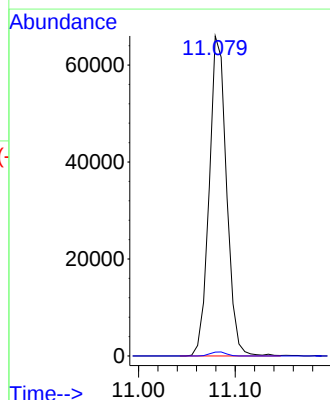
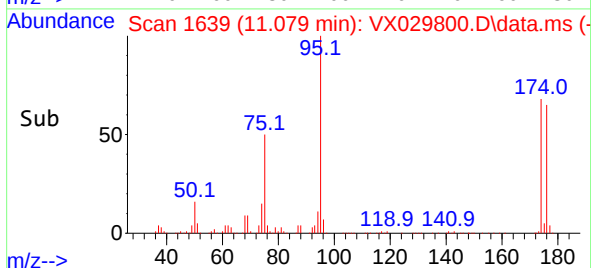
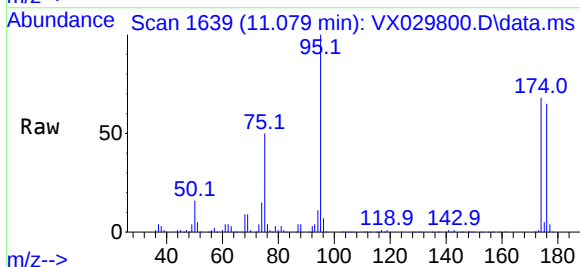


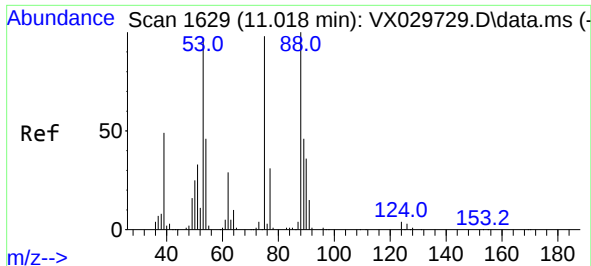
Tgt Ion:152 Resp: 163097
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 158.8 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.062 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029800.D
Acq: 25 Jun 2022 05:27

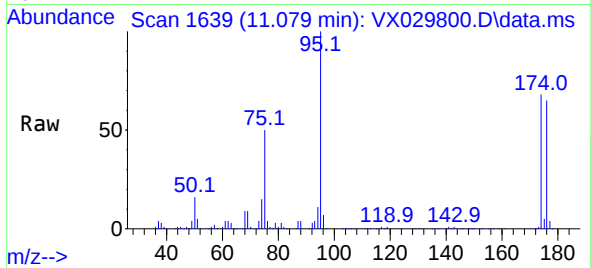
Tgt Ion: 75 Resp: 81941
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.722 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX029800.D
 Acq: 25 Jun 2022 05:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20220614



Tgt Ion: 75 Resp: 81941
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

