

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029803.D
 Acq On : 25 Jun 2022 06:36
 Operator : JC/MD
 Sample : N3386-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20220616

Quant Time: Jun 25 09:05:51 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

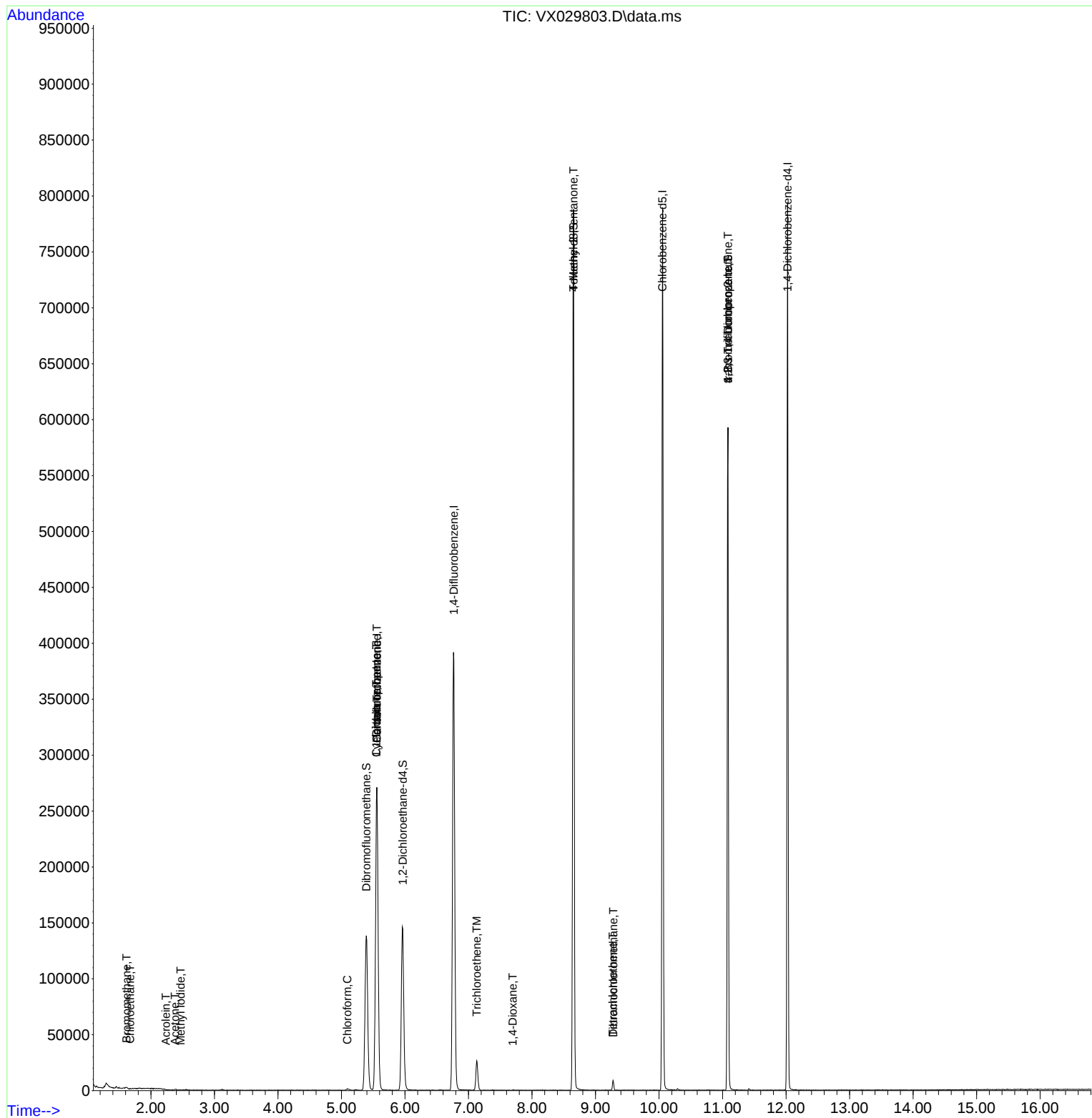
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

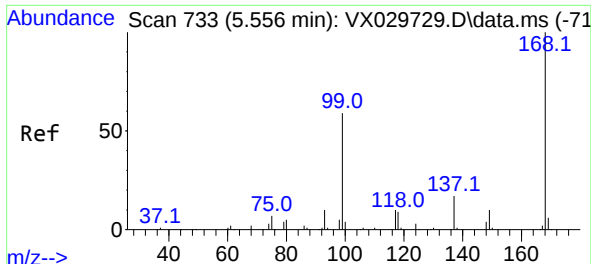
Internal Standards						
1) Pentafluorobenzene	5.556	168	262670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	430259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	373220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	140168	40.313	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.620%
35) Dibromofluoromethane	5.391	113	127294	45.398	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.800%
50) Toluene-d8	8.653	98	484364	47.286	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.580%
62) 4-Bromofluorobenzene	11.085	95	172325	44.611	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.220%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	398	0.247	ug/l	93
6) Chloroethane	1.672	64	76	1.323	ug/l #	43
10) Methyl Iodide	2.465	142	251	3.093	ug/l #	84
11) Tert butyl alcohol	2.977	59	127	Below Cal	#	72
13) Acrolein	2.233	56	41	0.214	ug/l #	15
16) Acetone	2.380	43	633	0.457	ug/l	99
30) Chloroform	5.092	83	1672	0.309	ug/l	84
31) Cyclohexane	5.550	56	4498	0.964	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18483	4.870	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26006	6.969	ug/l #	15
44) Trichloroethene	7.129	130	10355	2.168	ug/l	96
49) 1,4-Dioxane	7.696	88	79	1.033	ug/l #	25
51) 4-Methyl-2-Pentanone	8.653	43	1462	0.375	ug/l #	1
60) Dibromochloromethane	9.281	129	1584	0.560	ug/l #	9
64) Tetrachloroethene	9.275	164	1708	0.633	ug/l	92
76) 1,2,3-Trichloropropane	11.085	75	80254	22.555	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	80254	75.033	ug/l #	15

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

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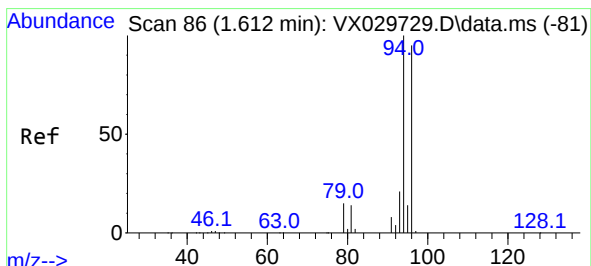
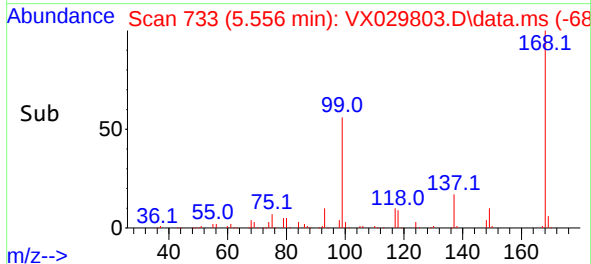
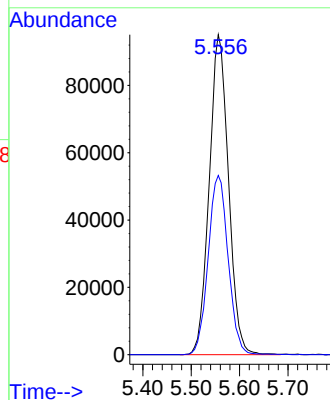
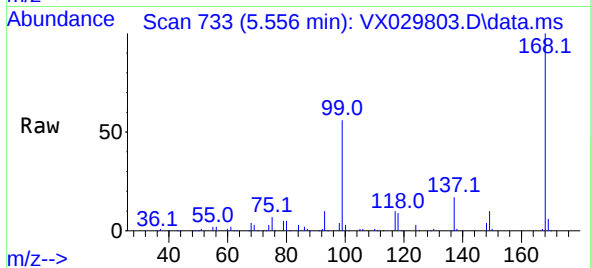




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029803.D
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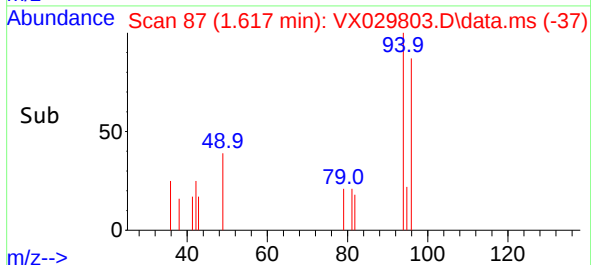
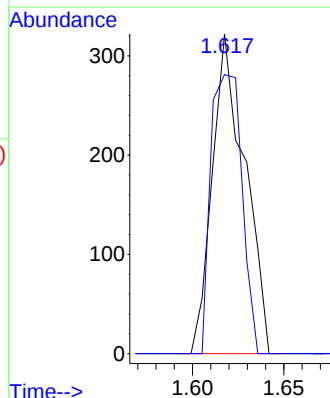
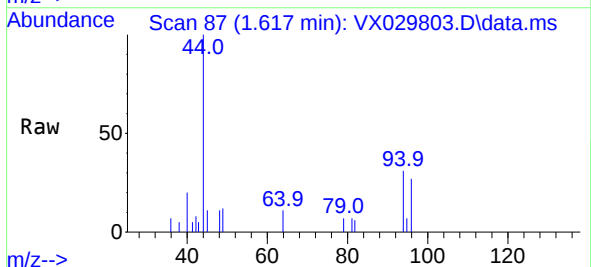
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220616

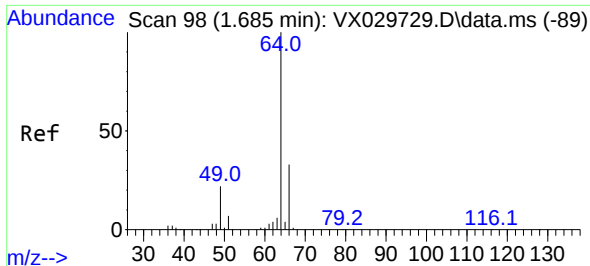
Tgt Ion:168 Resp: 262670
Ion Ratio Lower Upper
168 100
99 56.0 41.7 62.5



#5
Bromomethane
Concen: 0.247 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX029803.D
Acq: 25 Jun 2022 06:36

Tgt Ion: 94 Resp: 398
Ion Ratio Lower Upper
94 100
96 87.3 75.3 112.9

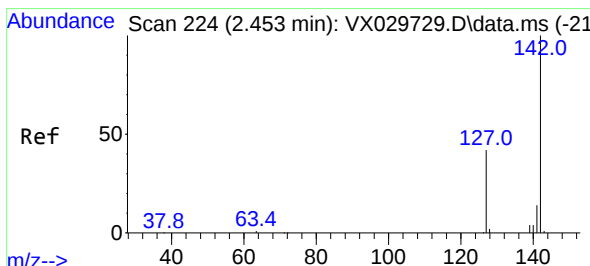
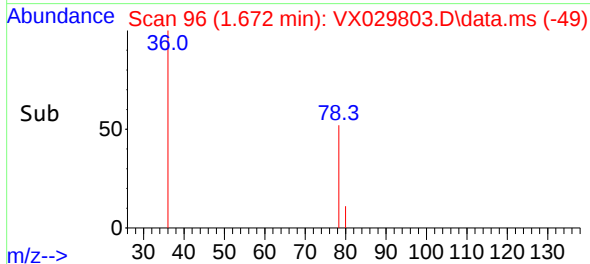
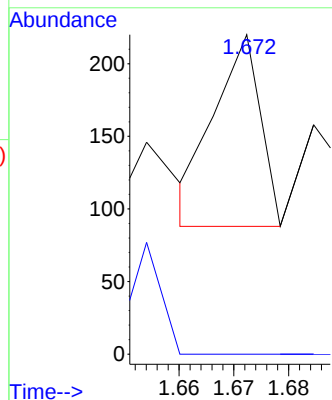
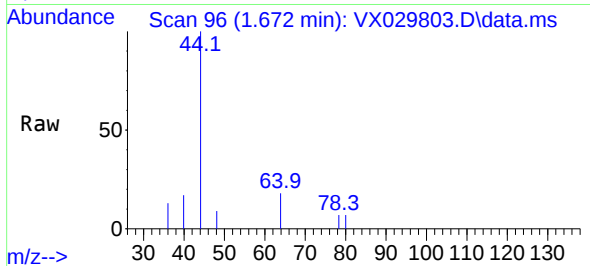




#6
Chloroethane
Concen: 1.323 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.013 min
Lab File: VX029803.D
Acq: 25 Jun 2022 06:36

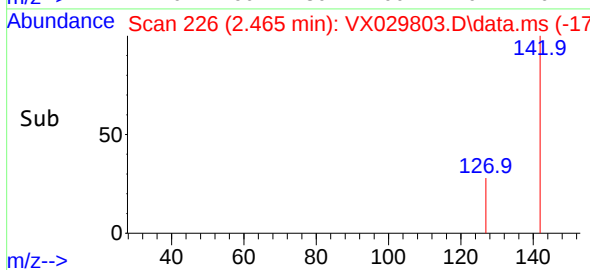
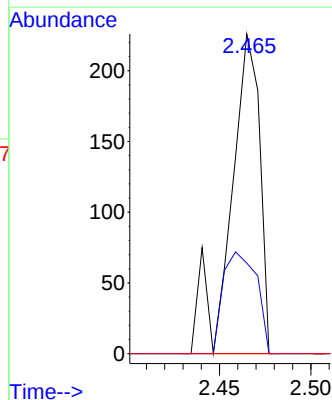
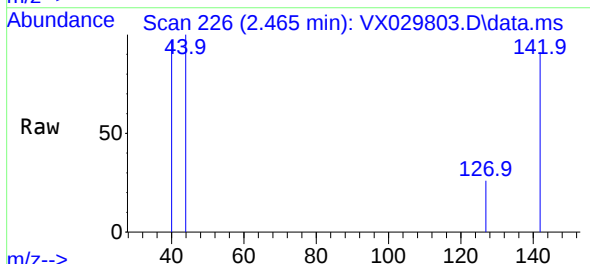
Instrument :
MSVOA_X
ClientSampleId :
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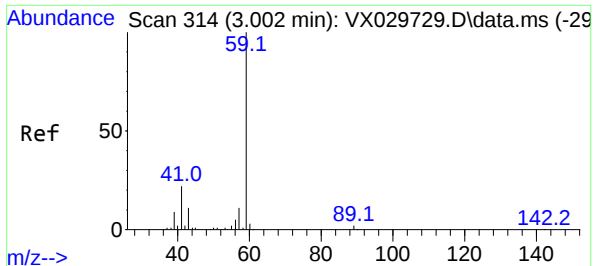
Tgt Ion: 64 Resp: 76
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 3.093 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX029803.D
Acq: 25 Jun 2022 06:36

Tgt Ion: 142 Resp: 251
Ion Ratio Lower Upper
142 100
127 36.3 33.9 50.9
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.977 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX029803.D

Acq: 25 Jun 2022 06:36

Instrument :

MSVOA_X

ClientSampleId :

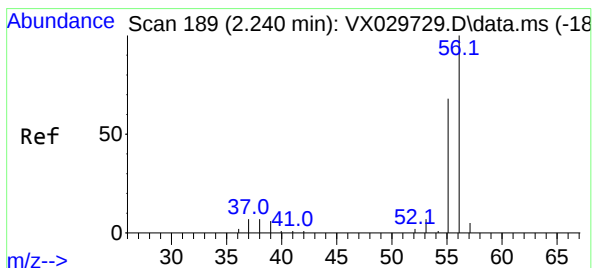
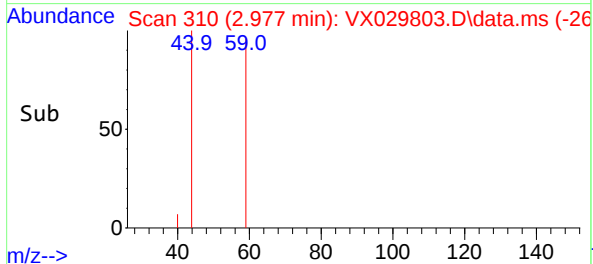
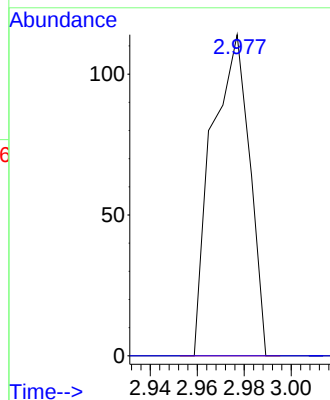
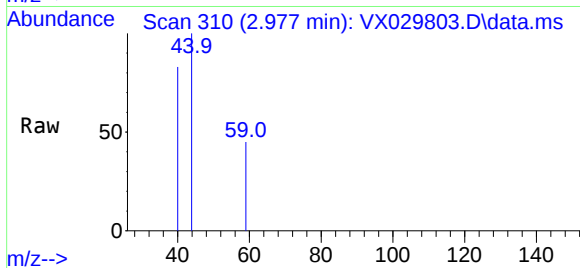
RE134D1-20220616

Tgt Ion: 59 Resp: 127

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 0.214 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX029803.D

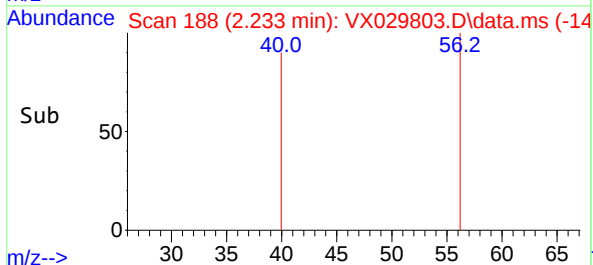
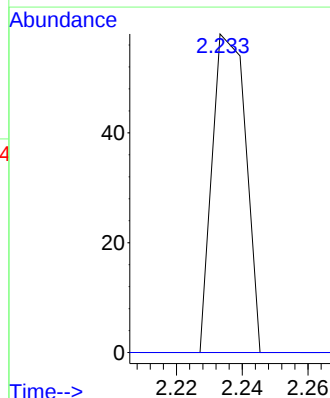
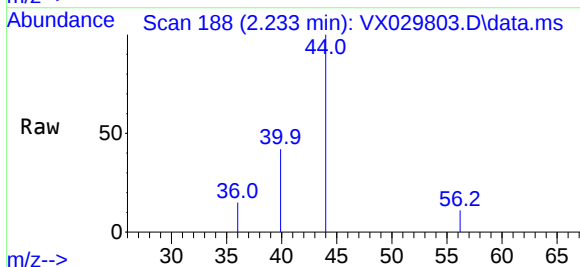
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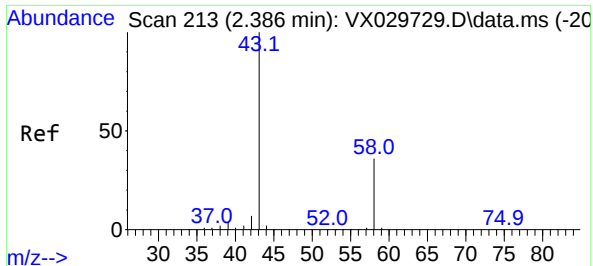
Tgt Ion: 56 Resp: 41

Ion Ratio Lower Upper

56 100

55 0.0 55.0 82.6#

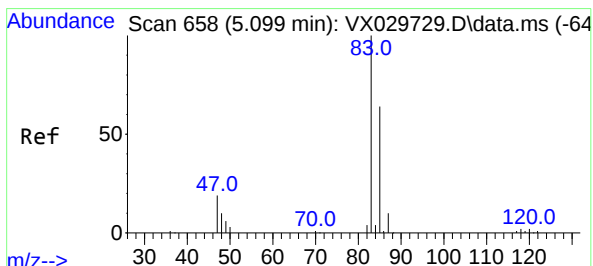
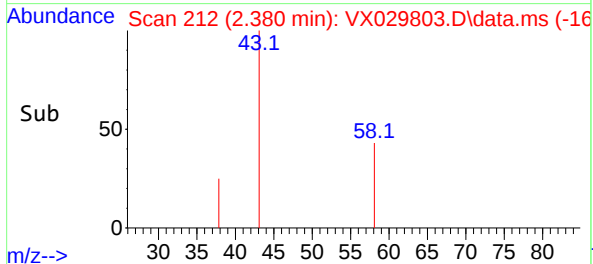
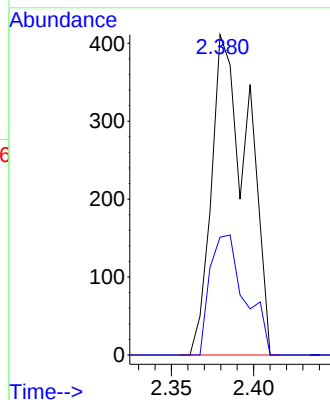
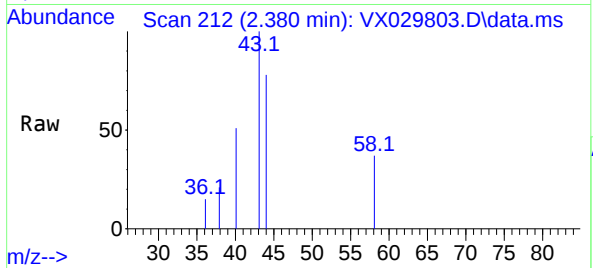




#16
Acetone
Concen: 0.457 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029803.D
Acq: 25 Jun 2022 06:36

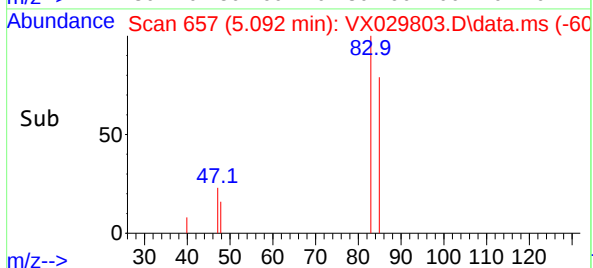
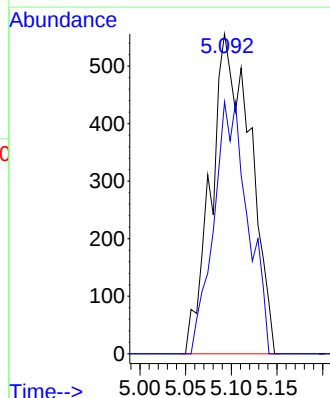
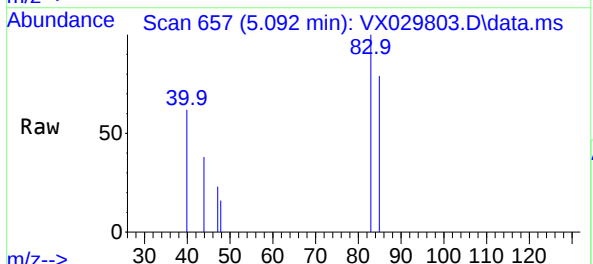
Instrument :
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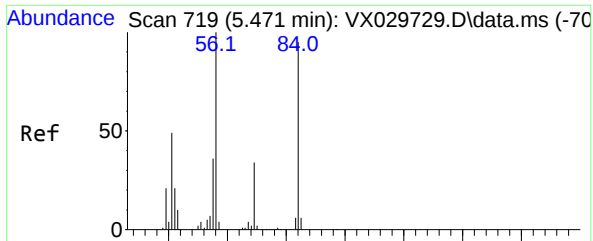
Tgt Ion: 43 Resp: 633
Ion Ratio Lower Upper
43 100
58 36.7 28.8 43.2



#30
Chloroform
Concen: 0.309 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.007 min
Lab File: VX029803.D
Acq: 25 Jun 2022 06:36

Tgt Ion: 83 Resp: 1672
Ion Ratio Lower Upper
83 100
85 78.8 52.7 79.1





#31
Cyclohexane

Concen: 0.964 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.073 min

Lab File: VX029803.D

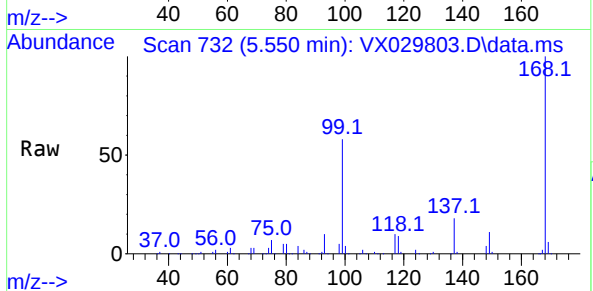
Acq: 25 Jun 2022 06:36

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20220616



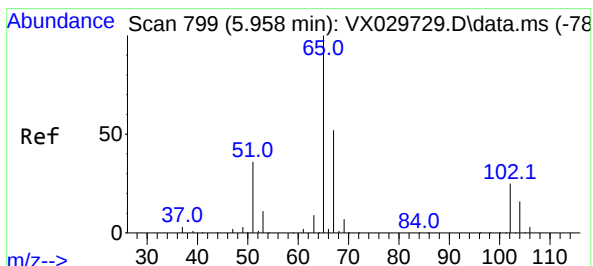
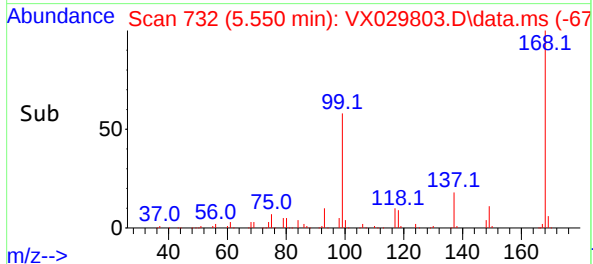
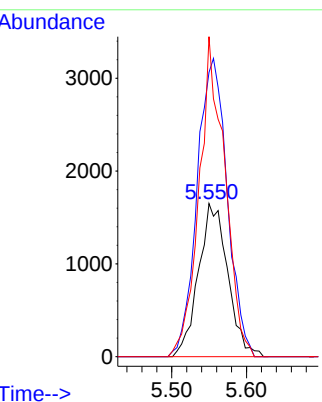
Tgt Ion: 56 Resp: 4498

Ion Ratio Lower Upper

56 100

69 185.6 26.7 40.1#

84 208.9 77.2 115.8#



#33

1,2-Dichloroethane-d4

Concen: 40.313 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029803.D

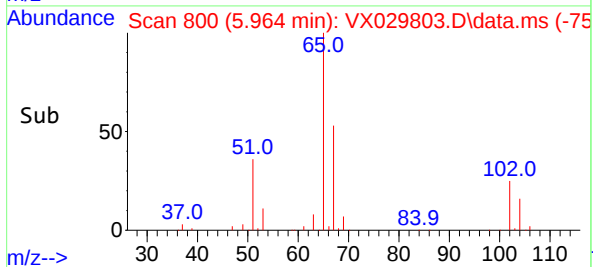
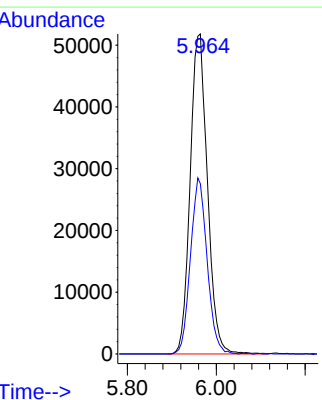
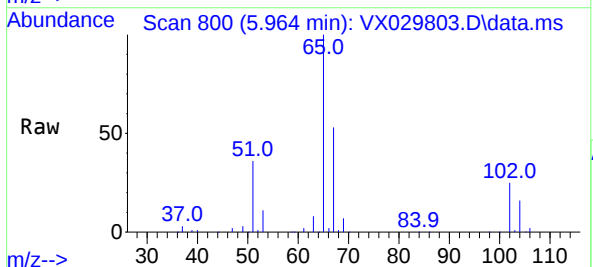
Acq: 25 Jun 2022 06:36

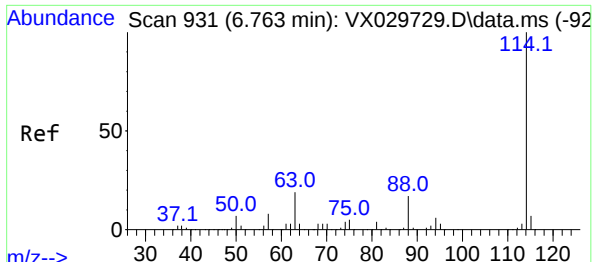
Tgt Ion: 65 Resp: 140168

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX029803.D

Acq: 25 Jun 2022 06:36

Instrument :

MSVOA_X

ClientSampleId :

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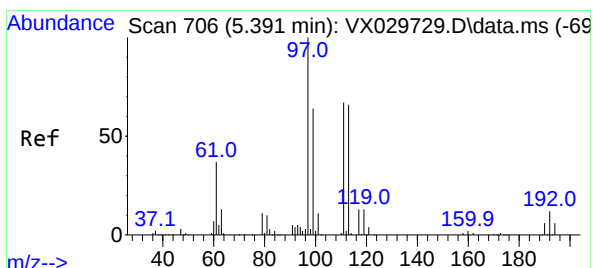
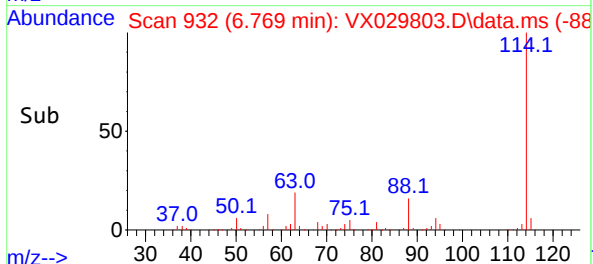
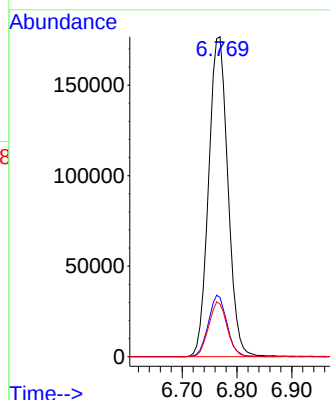
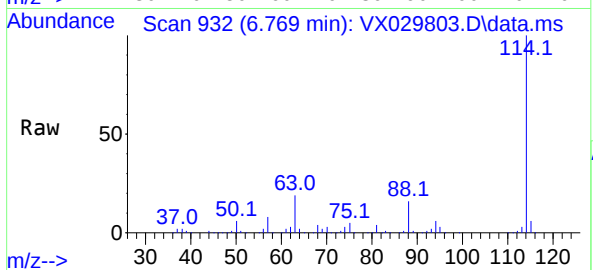
Tgt Ion:114 Resp: 430259

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 16.4 0.0 32.4



#35

Dibromofluoromethane

Concen: 45.398 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029803.D

Acq: 25 Jun 2022 06:36

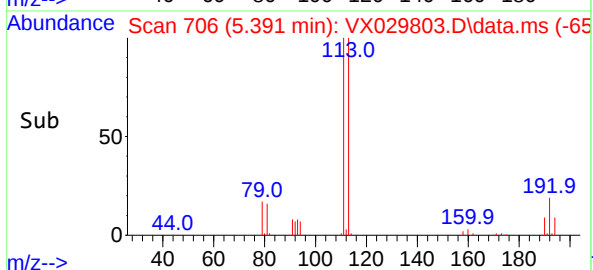
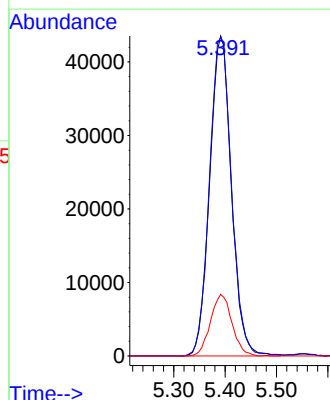
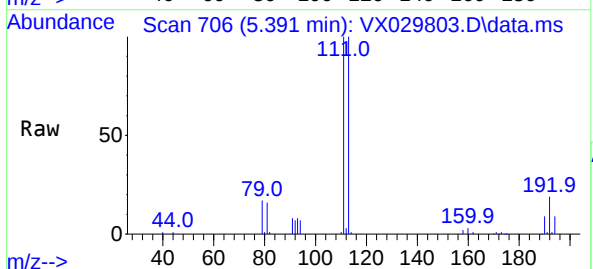
Tgt Ion:113 Resp: 127294

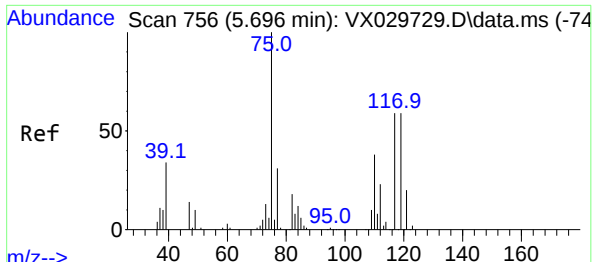
Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

192 19.1 16.9 25.3

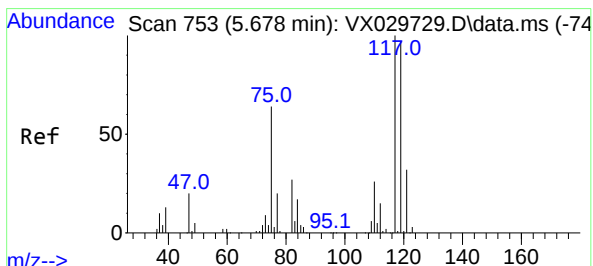
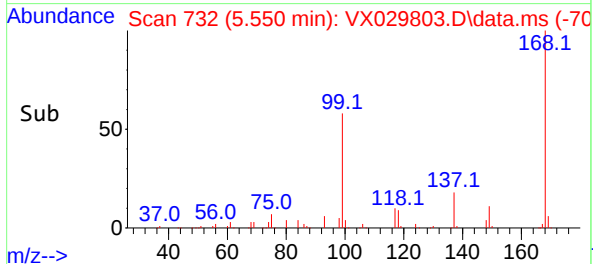
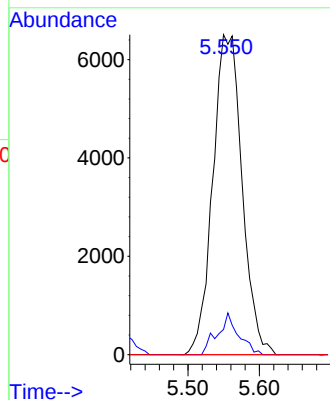
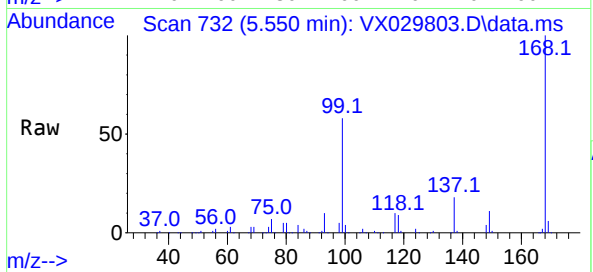




#36
1,1-Dichloropropene
Concen: 4.870 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX029803.D
Acq: 25 Jun 2022 06:36

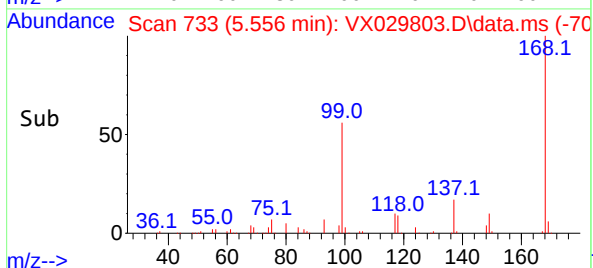
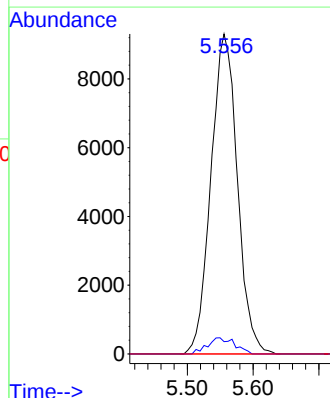
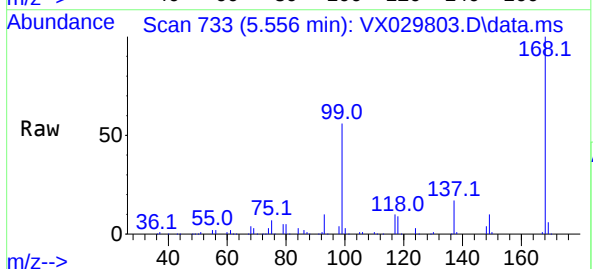
Instrument :
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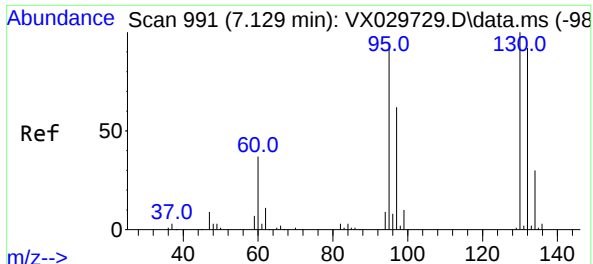
Tgt Ion: 75 Resp: 18483
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.969 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029803.D
Acq: 25 Jun 2022 06:36

Tgt Ion: 117 Resp: 26006
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.2 36.2#

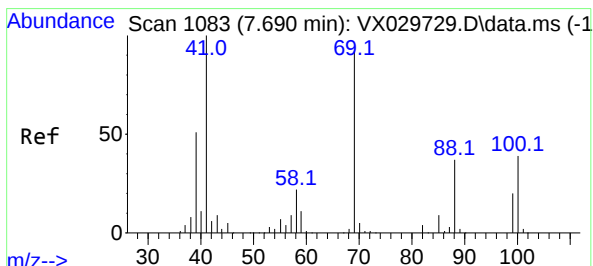
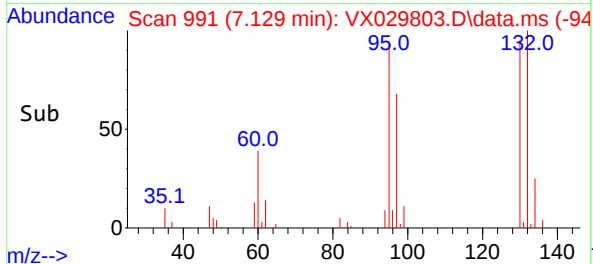
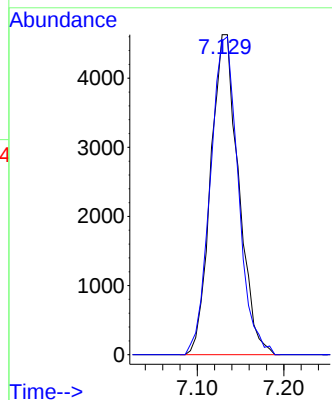
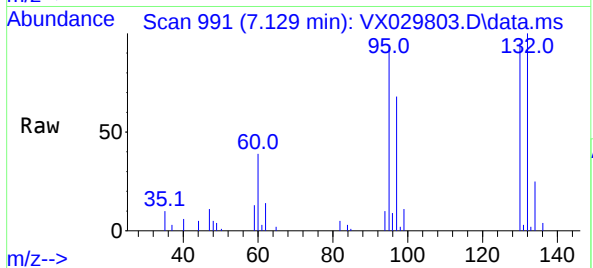




#44
Trichloroethene
Concen: 2.168 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029803.D
Acq: 25 Jun 2022 06:36

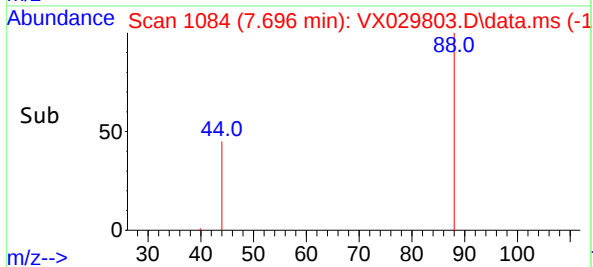
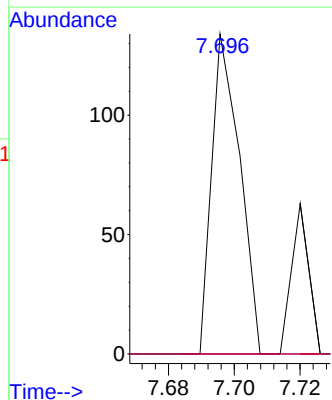
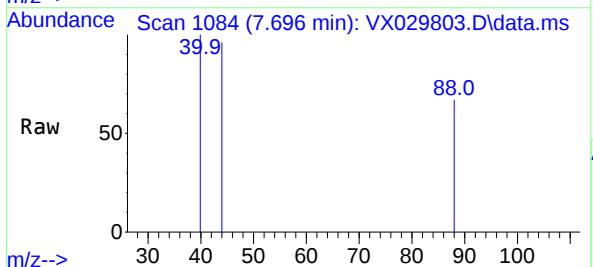
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220616

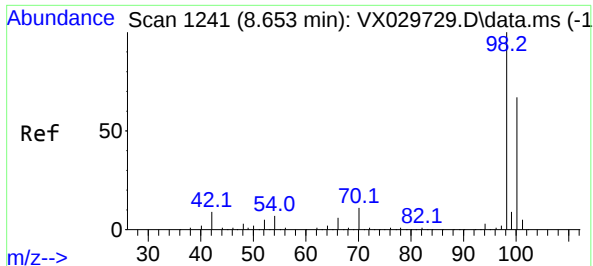
Tgt Ion:130 Resp: 10355
Ion Ratio Lower Upper
130 100
95 98.1 0.0 188.8



#49
1,4-Dioxane
Concen: 1.033 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.012 min
Lab File: VX029803.D
Acq: 25 Jun 2022 06:36

Tgt Ion: 88 Resp: 79
Ion Ratio Lower Upper
88 100
43 0.0 21.9 32.9#
58 0.0 53.7 80.5#





#50

Toluene-d8

Concen: 47.286 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029803.D

Acq: 25 Jun 2022 06:36

Instrument :

MSVOA_X

ClientSampleId :

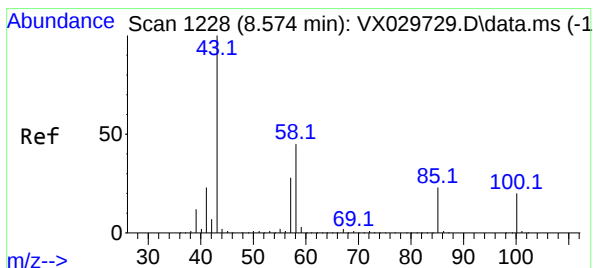
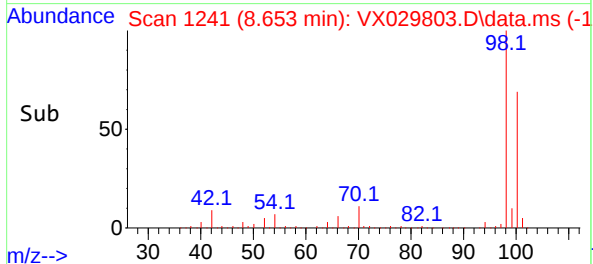
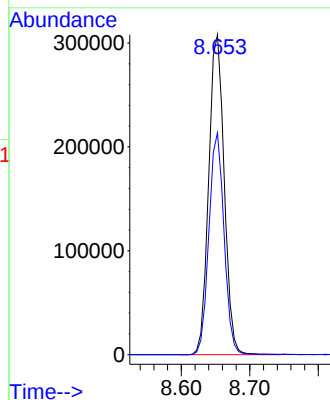
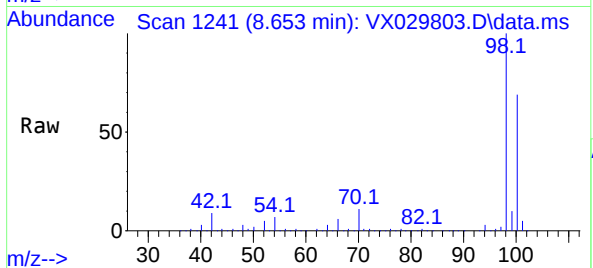
RE134D1-20220616

Tgt Ion: 98 Resp: 484364

Ion Ratio Lower Upper

98 100

100 67.7 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.375 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX029803.D

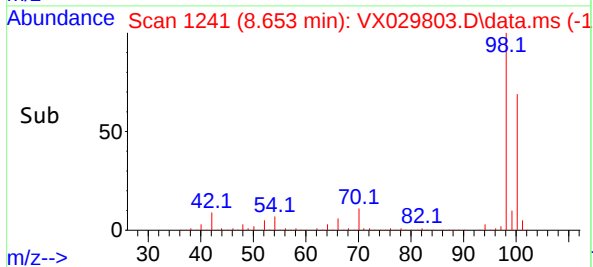
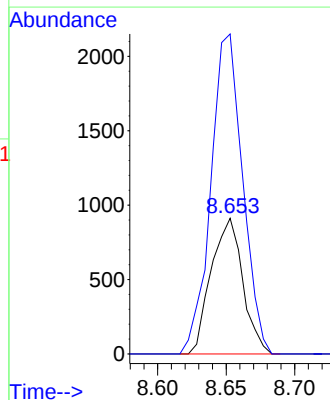
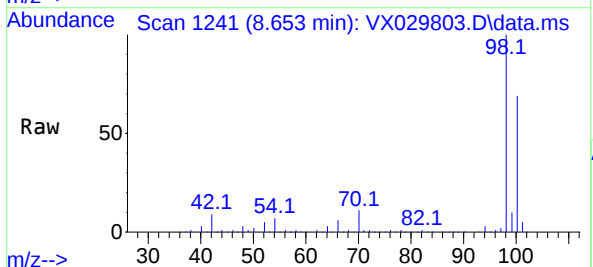
Acq: 25 Jun 2022 06:36

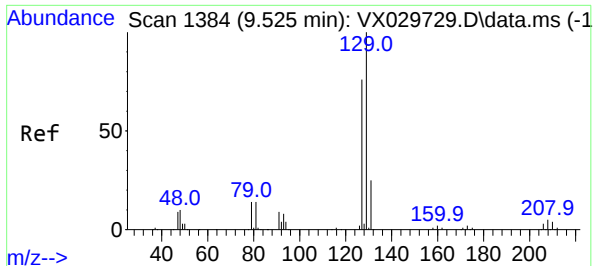
Tgt Ion: 43 Resp: 1462

Ion Ratio Lower Upper

43 100

58 237.4 36.1 54.1#

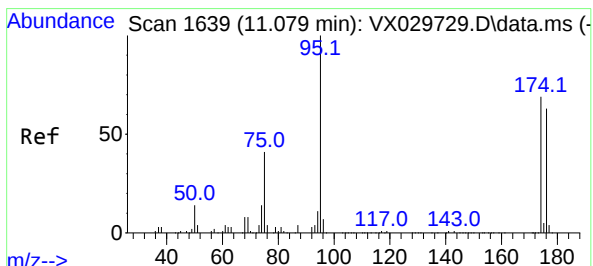
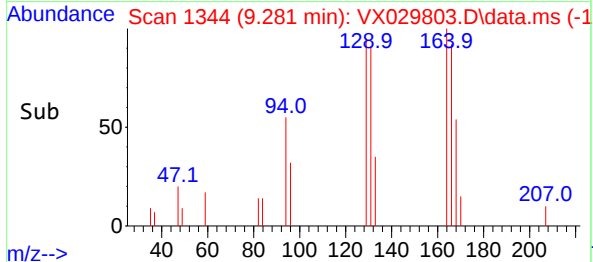
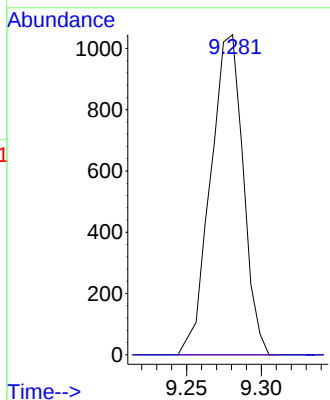
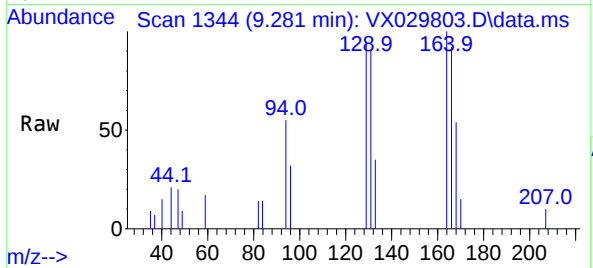




#60
Dibromochloromethane
Concen: 0.560 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX029803.D
Acq: 25 Jun 2022 06:36

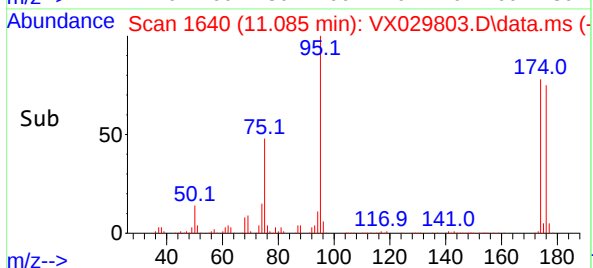
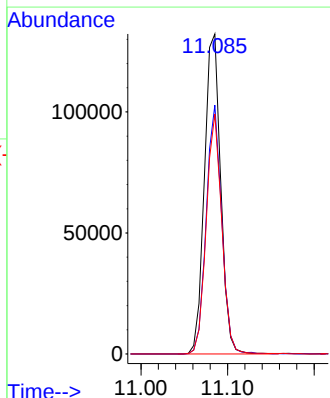
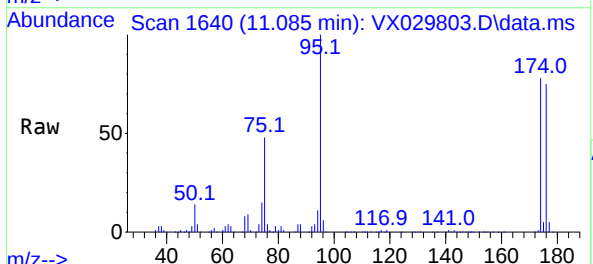
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220616

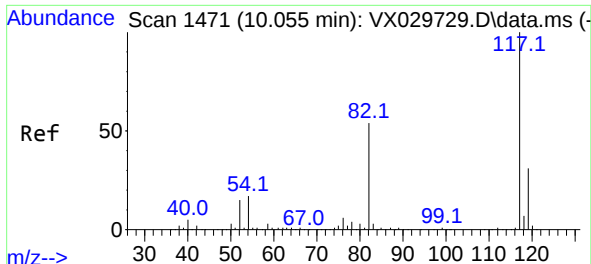
Tgt Ion:129 Resp: 1584
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 44.611 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029803.D
Acq: 25 Jun 2022 06:36

Tgt Ion: 95 Resp: 172325
Ion Ratio Lower Upper
95 100
174 74.1 0.0 163.0
176 71.8 0.0 155.0

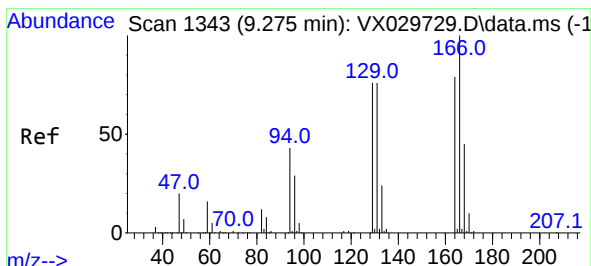
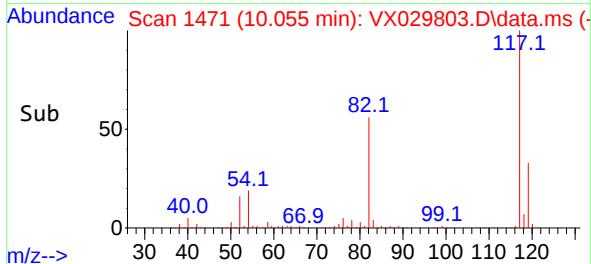
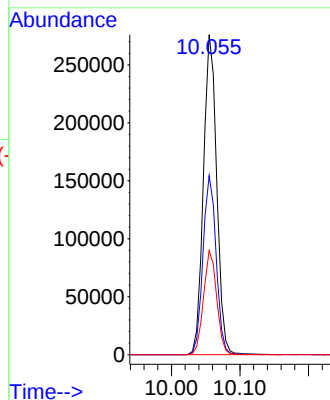
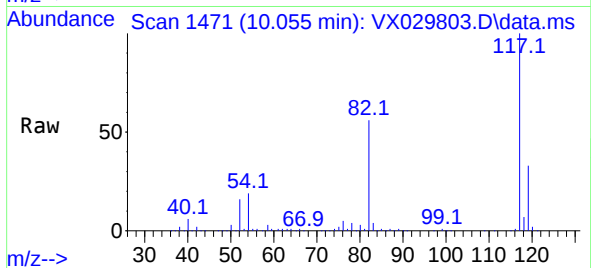




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029803.D
Acq: 25 Jun 2022 06:36

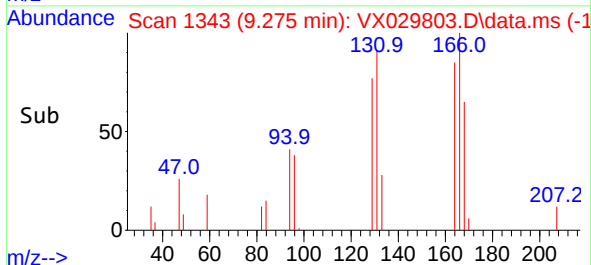
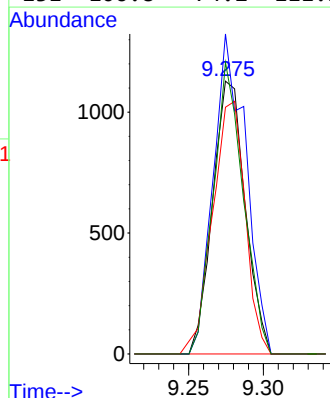
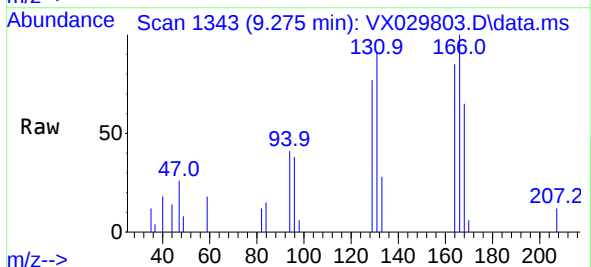
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220616

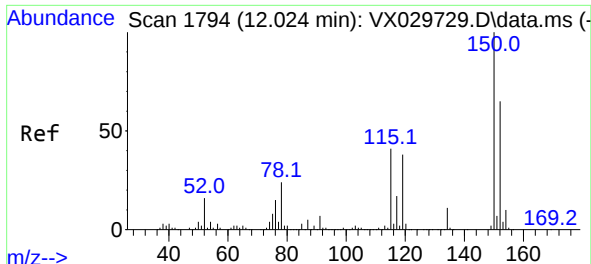
Tgt Ion:117 Resp: 373220
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 32.6 24.8 37.2



#64
Tetrachloroethene
Concen: 0.633 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX029803.D
Acq: 25 Jun 2022 06:36

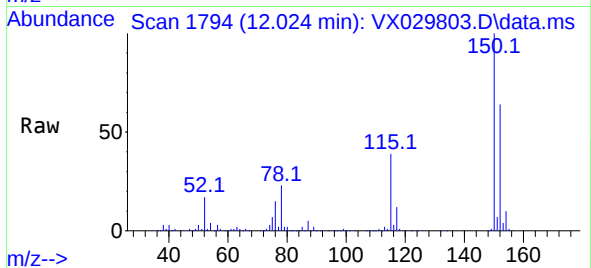
Tgt Ion:164 Resp: 1708
Ion Ratio Lower Upper
164 100
166 117.3 101.2 151.8
129 90.4 73.0 109.4
131 106.8 74.2 111.2



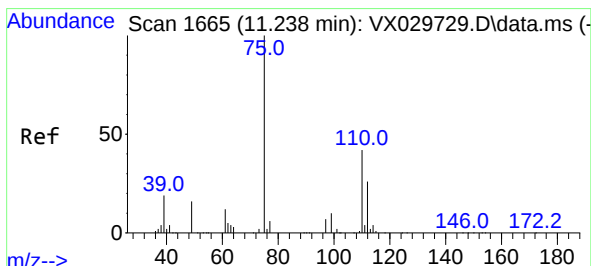
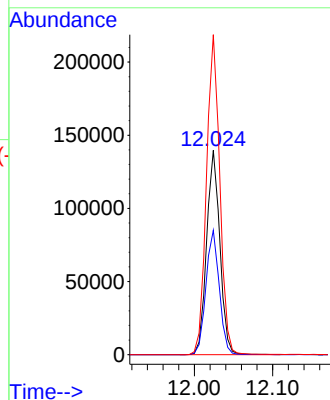
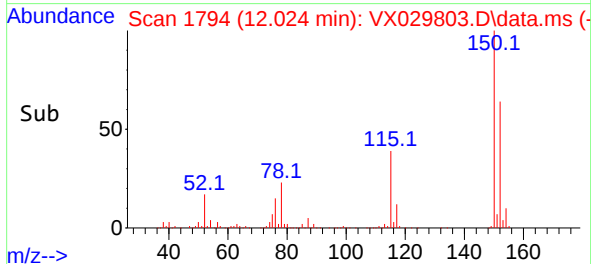


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029803.D
Acq: 25 Jun 2022 06:36

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220616

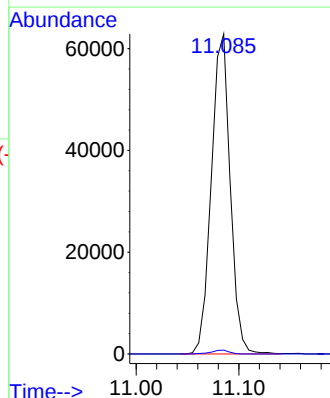
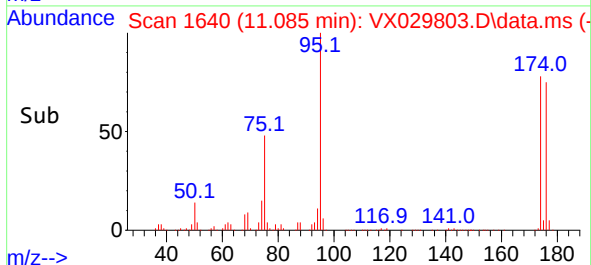
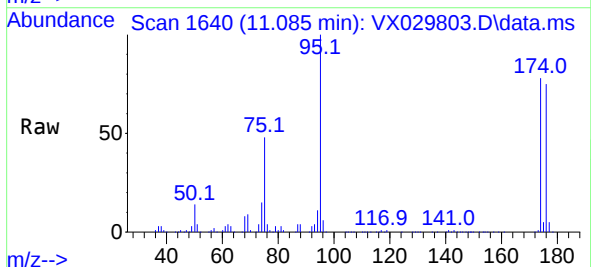


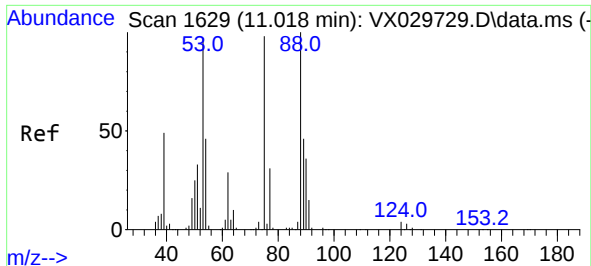
Tgt Ion:152 Resp: 163334
Ion Ratio Lower Upper
152 100
115 61.4 37.5 112.7
150 157.6 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.555 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029803.D
Acq: 25 Jun 2022 06:36

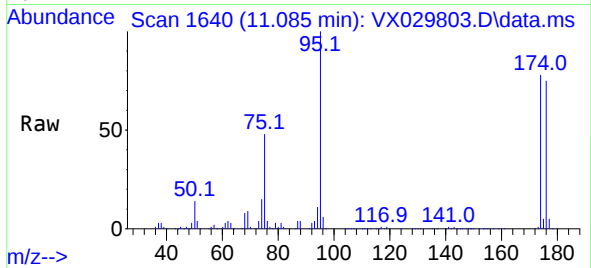
Tgt Ion: 75 Resp: 80254
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.033 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX029803.D
 Acq: 25 Jun 2022 06:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20220616



Tgt Ion: 75 Resp: 80254
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

