

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029802.D
 Acq On : 25 Jun 2022 06:13
 Operator : JC/MD
 Sample : N3386-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20220615

Quant Time: Jun 25 09:05:30 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)

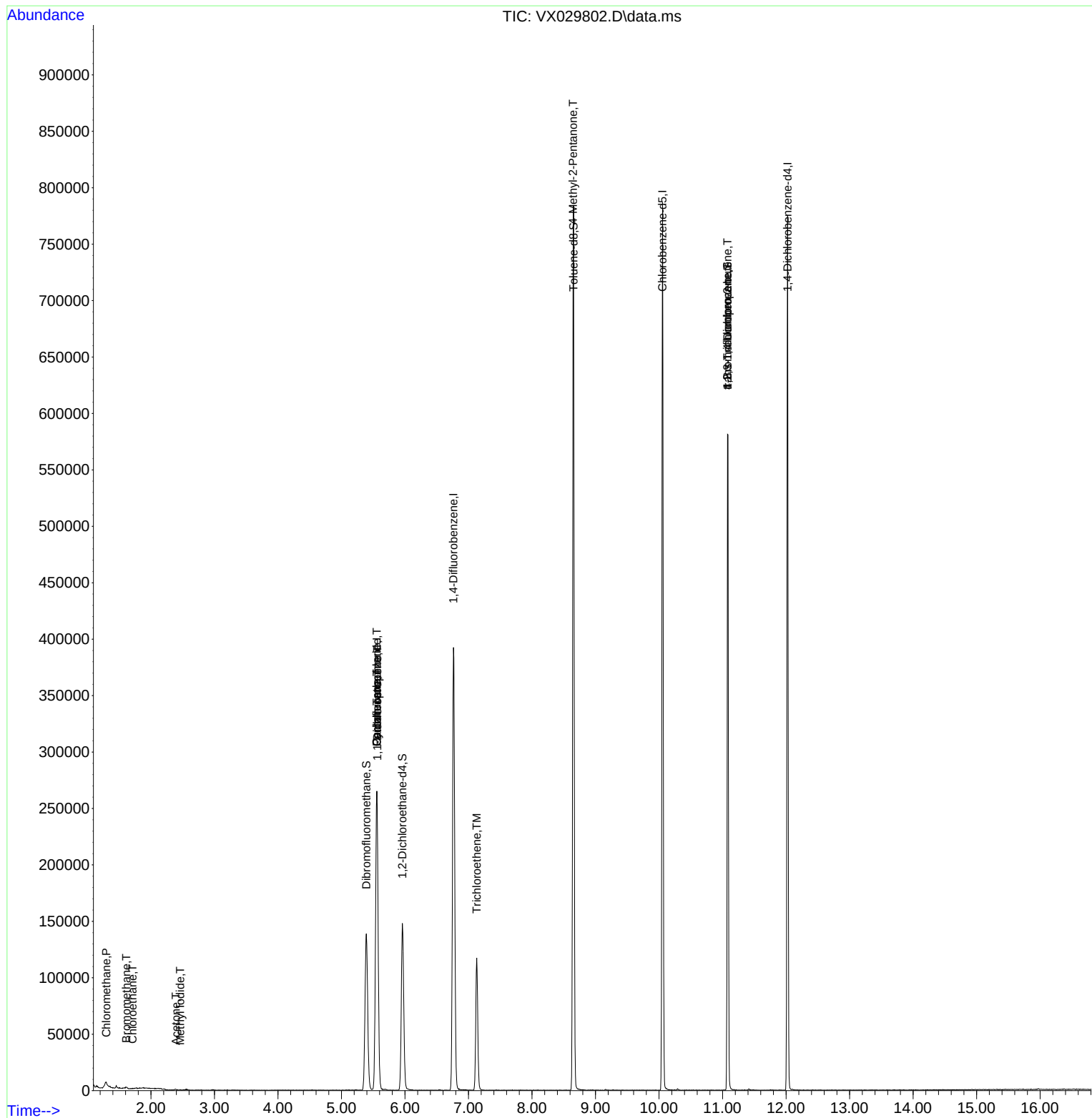
Internal Standards						
1) Pentafluorobenzene	5.556	168	257220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	432540	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140123	41.153	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.300%
35) Dibromofluoromethane	5.391	113	125000	44.345	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.700%
50) Toluene-d8	8.653	98	479248	46.540	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.080%
62) 4-Bromofluorobenzene	11.079	95	173052	44.562	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.120%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	741	0.221	ug/l	98
5) Bromomethane	1.612	94	528	0.335	ug/l	86
6) Chloroethane	1.709	64	301	1.414	ug/l #	43
10) Methyl Iodide	2.459	142	323	3.116	ug/l #	76
11) Tert butyl alcohol	2.971	59	686	Below Cal	#	72
16) Acetone	2.392	43	859	0.633	ug/l	93
31) Cyclohexane	5.556	56	4260	0.932	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	18997	4.979	ug/l #	50
38) Carbon Tetrachloride	5.556	117	26283	7.006	ug/l #	16
44) Trichloroethene	7.129	130	48257	14.251	ug/l	100
51) 4-Methyl-2-Pentanone	8.647	43	1904	0.486	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	79984	22.417	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	79984	74.575	ug/l #	15

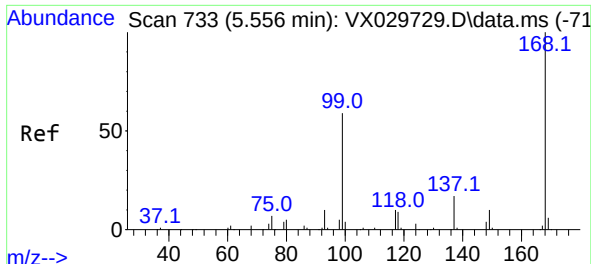
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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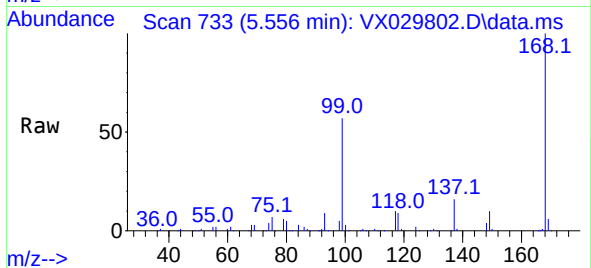
Quant Time: Jun 25 09:05:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration



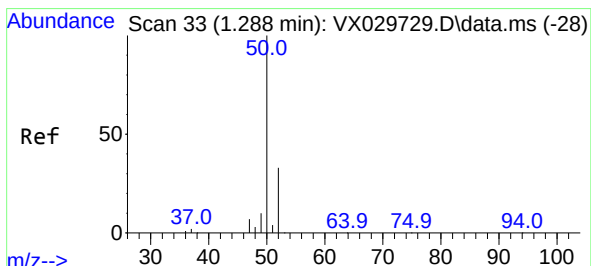
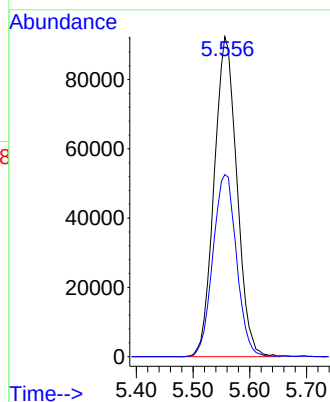


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029802.D
Acq: 25 Jun 2022 06:13

Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20220615

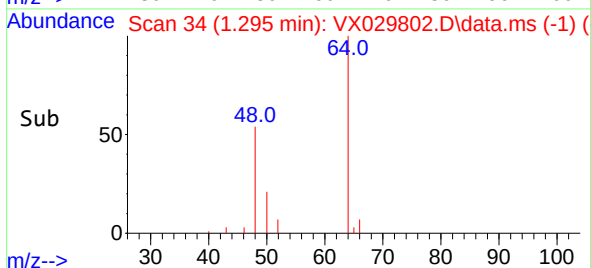
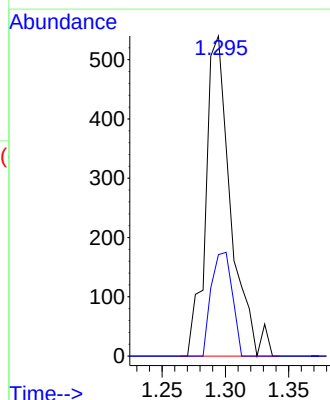
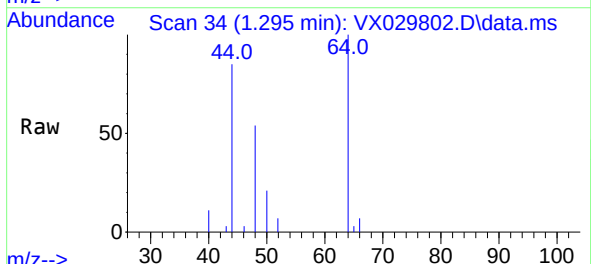


Tgt Ion:168 Resp: 257220
Ion Ratio Lower Upper
168 100
99 56.9 41.7 62.5

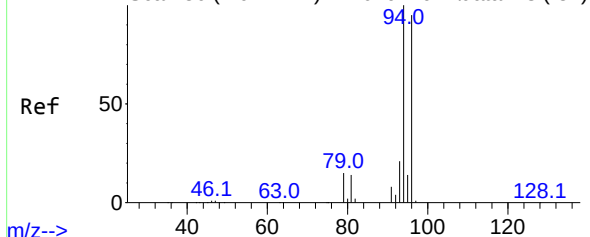


#3
Chloromethane
Concen: 0.221 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029802.D
Acq: 25 Jun 2022 06:13

Tgt Ion: 50 Resp: 741
Ion Ratio Lower Upper
50 100
52 31.7 26.4 39.6



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



#5

Bromomethane

Concen: 0.335 ug/l

RT: 1.612 min Scan# 81

Delta R.T. 0.001 min

Lab File: VX029802.D

Acq: 25 Jun 2022 06:13

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20220615

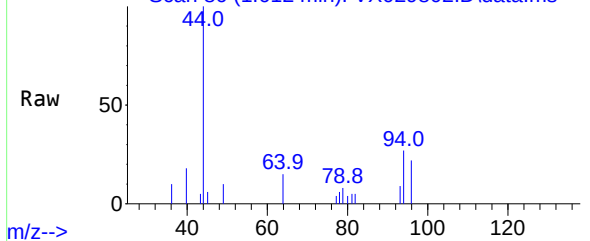
Tgt Ion: 94 Resp: 528

Ion Ratio Lower Upper

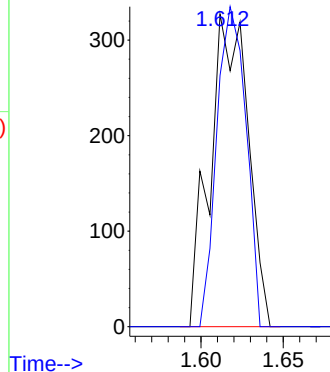
94 100

96 80.4 75.3 112.9

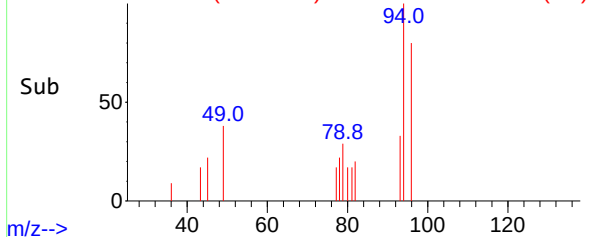
Abundance Scan 86 (1.612 min): VX029802.D\data.ms



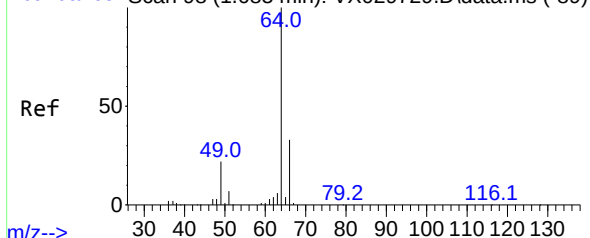
Abundance



Abundance Scan 86 (1.612 min): VX029802.D\data.ms (-37)



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



#6

Chloroethane

Concen: 1.414 ug/l

RT: 1.709 min Scan# 102

Delta R.T. 0.024 min

Lab File: VX029802.D

Acq: 25 Jun 2022 06:13

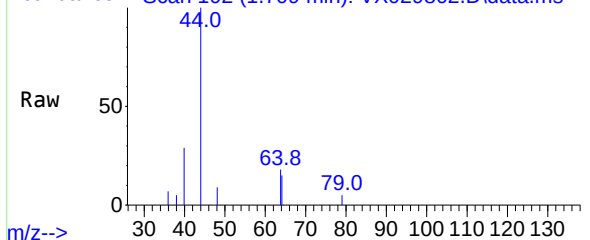
Tgt Ion: 64 Resp: 301

Ion Ratio Lower Upper

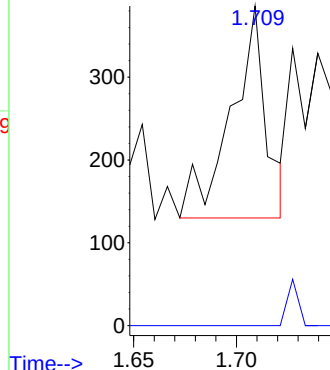
64 100

66 0.0 25.3 37.9#

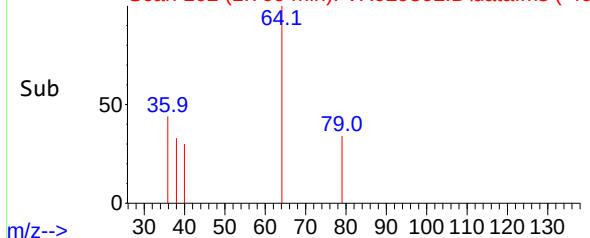
Abundance Scan 102 (1.709 min): VX029802.D\data.ms

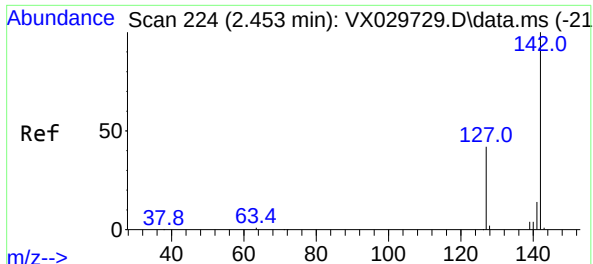


Abundance



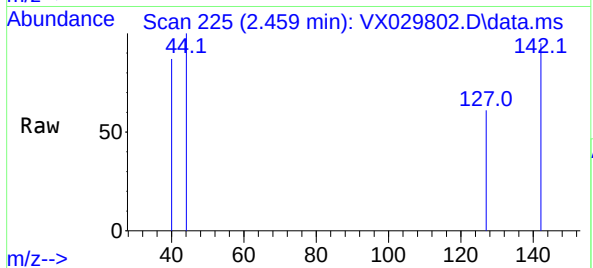
Abundance Scan 102 (1.709 min): VX029802.D\data.ms (-49)



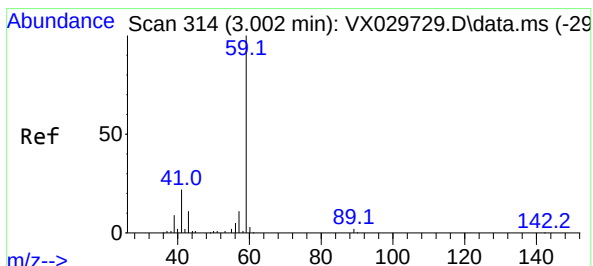
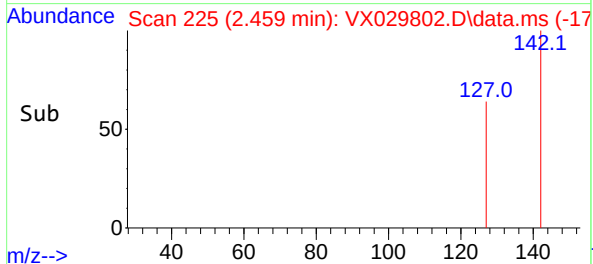
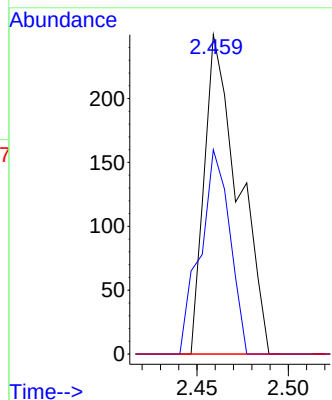


#10
Methyl Iodide
Concen: 3.116 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029802.D
Acq: 25 Jun 2022 06:13

Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20220615

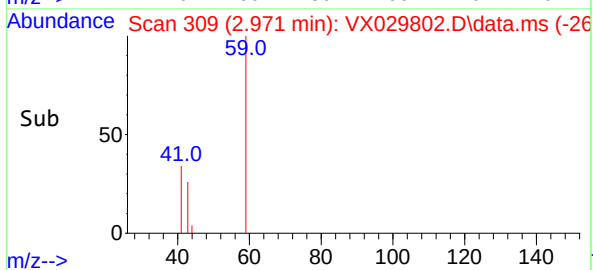
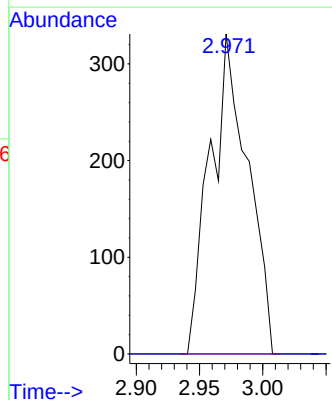
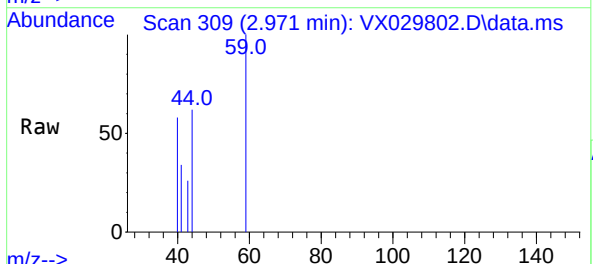


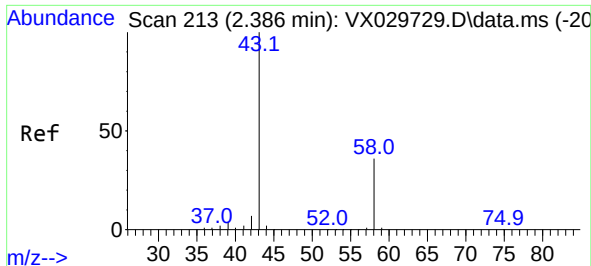
Tgt Ion:142 Resp: 323
Ion Ratio Lower Upper
142 100
127 55.7 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029802.D
Acq: 25 Jun 2022 06:13

Tgt Ion: 59 Resp: 686
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

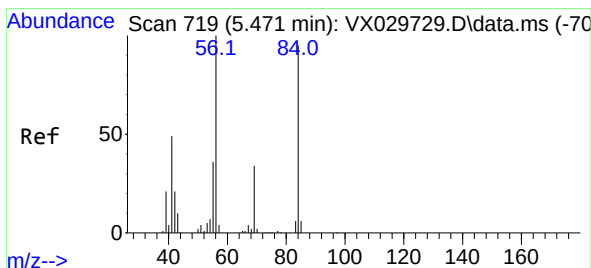
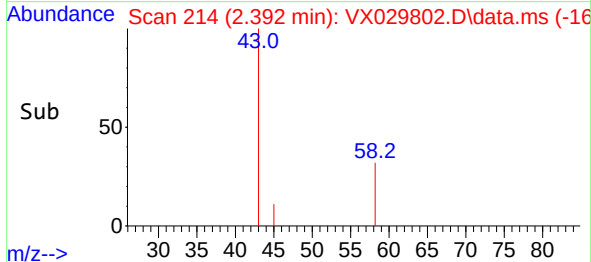
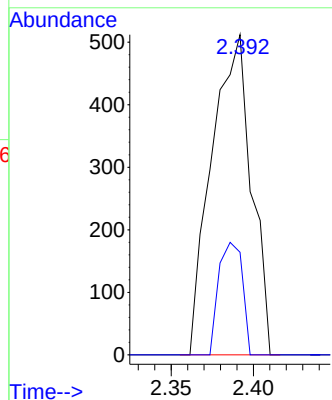
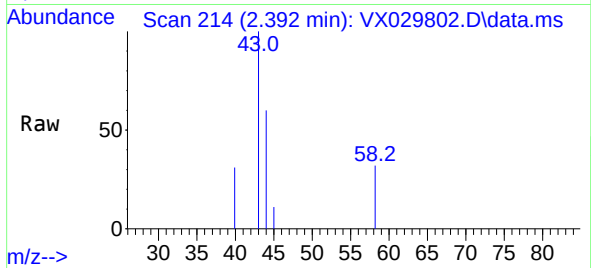




#16
Acetone
Concen: 0.633 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029802.D
Acq: 25 Jun 2022 06:13

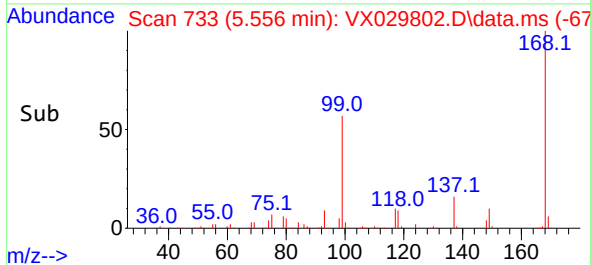
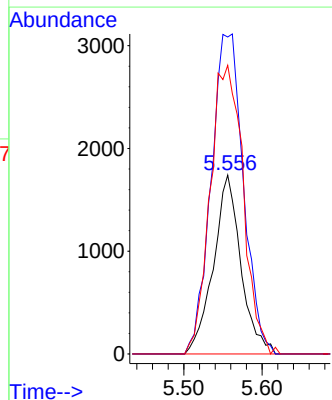
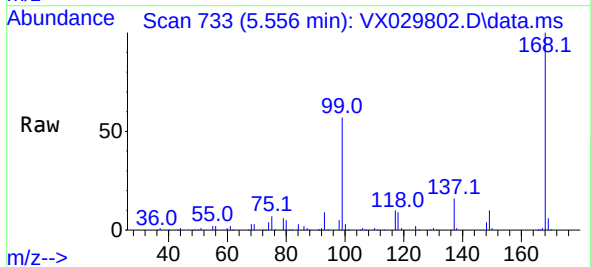
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20220615

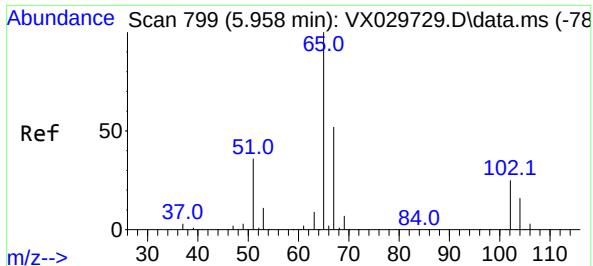
Tgt Ion: 43 Resp: 859
Ion Ratio Lower Upper
43 100
58 32.0 28.8 43.2



#31
Cyclohexane
Concen: 0.932 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX029802.D
Acq: 25 Jun 2022 06:13

Tgt Ion: 56 Resp: 4260
Ion Ratio Lower Upper
56 100
69 177.2 26.7 40.1#
84 161.3 77.2 115.8#

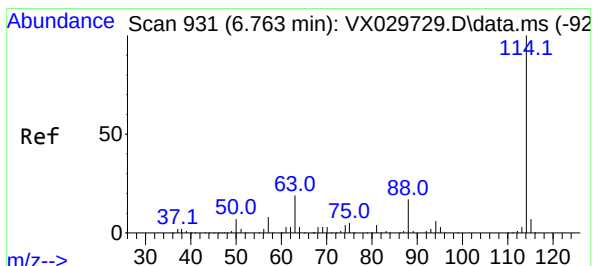
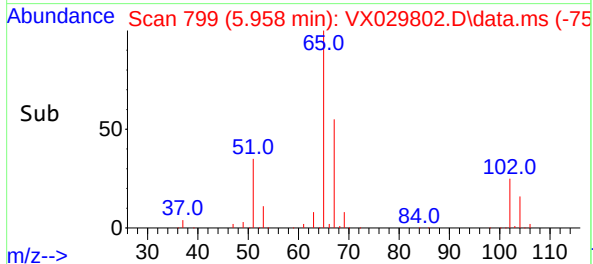
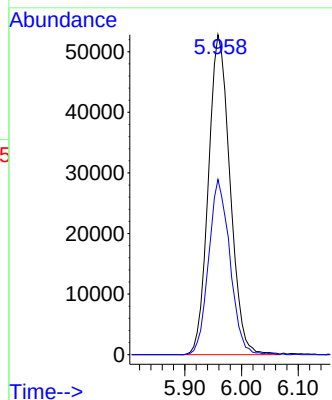
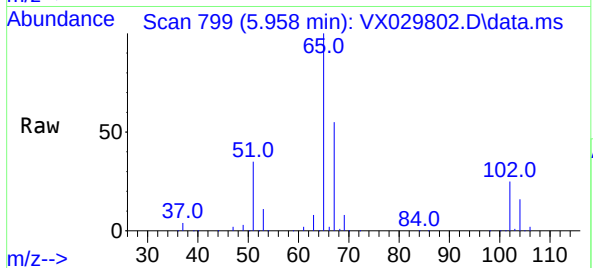




#33
 1,2-Dichloroethane-d4
 Concen: 41.153 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029802.D
 Acq: 25 Jun 2022 06:13

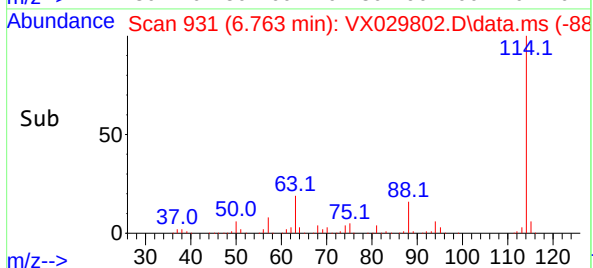
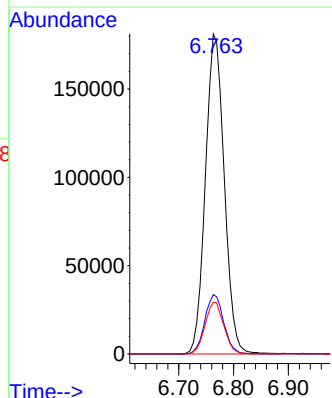
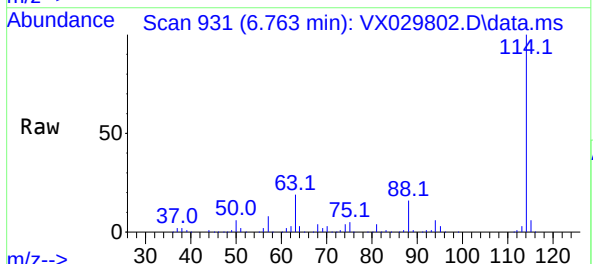
Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20220615

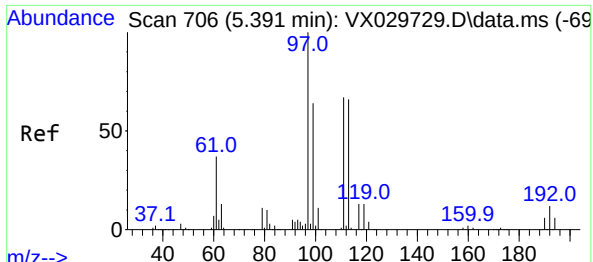
Tgt Ion: 65 Resp: 140123
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX029802.D
 Acq: 25 Jun 2022 06:13

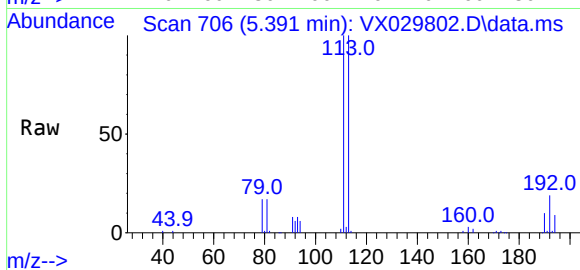
Tgt Ion: 114 Resp: 432540
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.8
 88 16.2 0.0 32.4



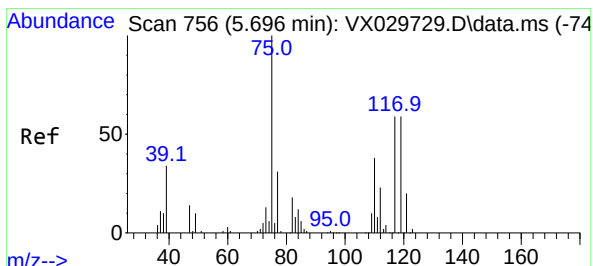
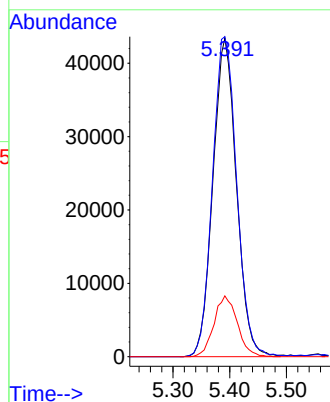
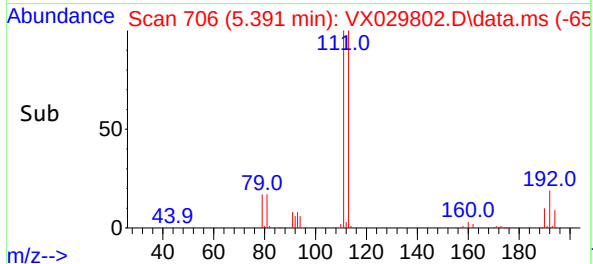


#35
Dibromofluoromethane
Concen: 44.345 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029802.D
Acq: 25 Jun 2022 06:13

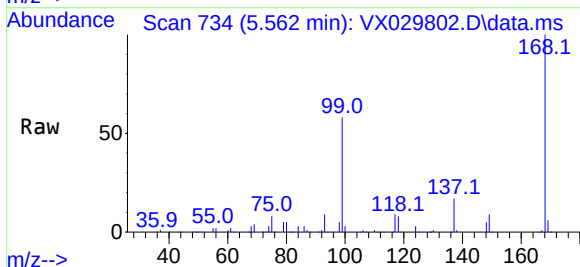
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20220615



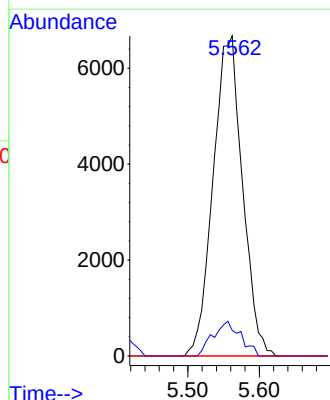
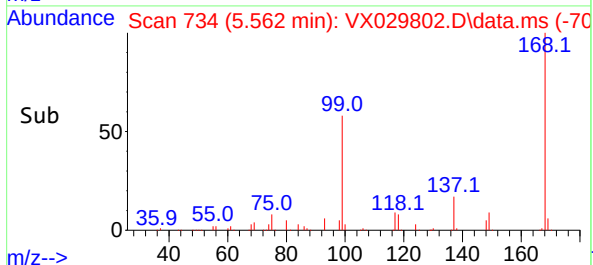
Tgt Ion:113 Resp: 125000
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 18.9 16.9 25.3

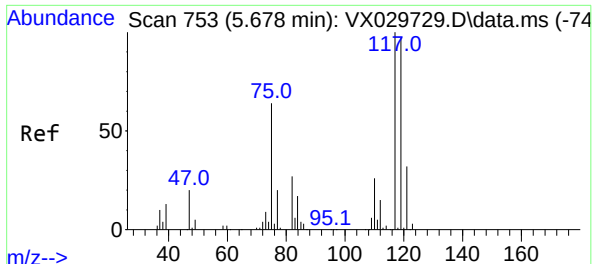


#36
1,1-Dichloropropene
Concen: 4.979 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX029802.D
Acq: 25 Jun 2022 06:13



Tgt Ion: 75 Resp: 18997
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#

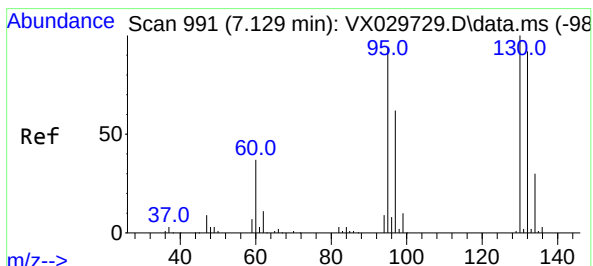
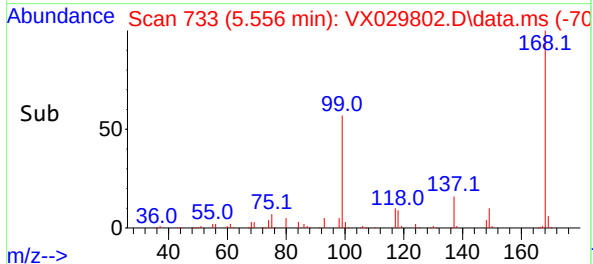
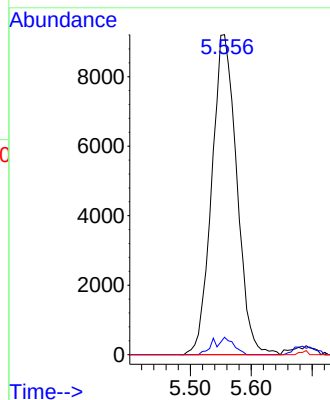
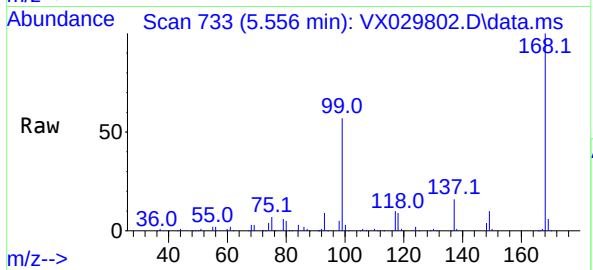




#38
Carbon Tetrachloride
Concen: 7.006 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029802.D
Acq: 25 Jun 2022 06:13

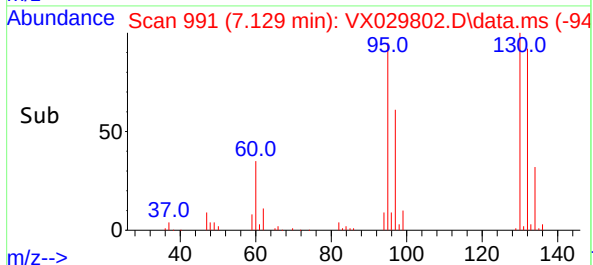
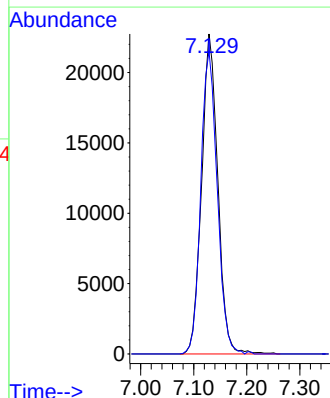
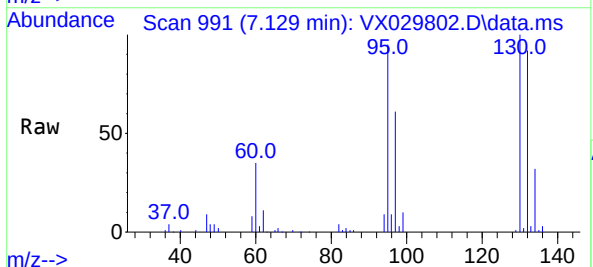
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20220615

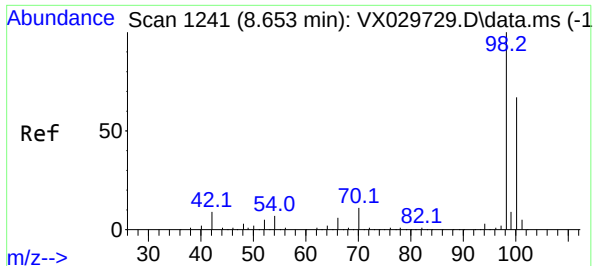
Tgt Ion:117 Resp: 26283
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 14.251 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029802.D
Acq: 25 Jun 2022 06:13

Tgt Ion:130 Resp: 48257
Ion Ratio Lower Upper
130 100
95 94.7 0.0 188.8





#50

Toluene-d8

Concen: 46.540 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029802.D

Acq: 25 Jun 2022 06:13

Instrument :

MSVOA_X

ClientSampleId :

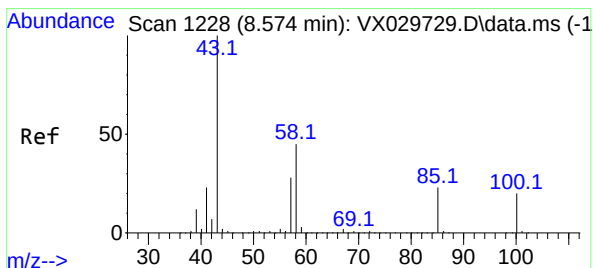
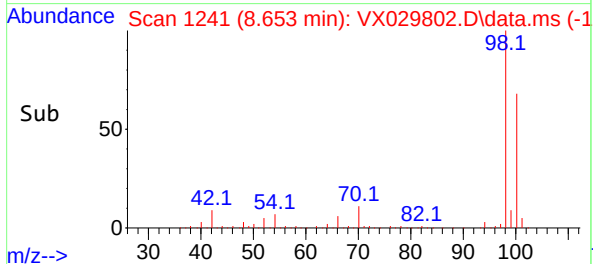
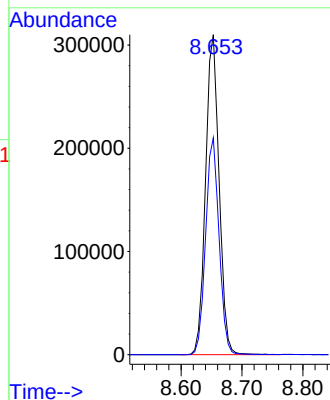
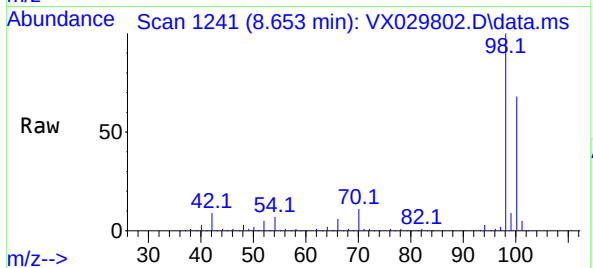
RE117D1-20220615

Tgt Ion: 98 Resp: 479248

Ion Ratio Lower Upper

98 100

100 67.4 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.486 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX029802.D

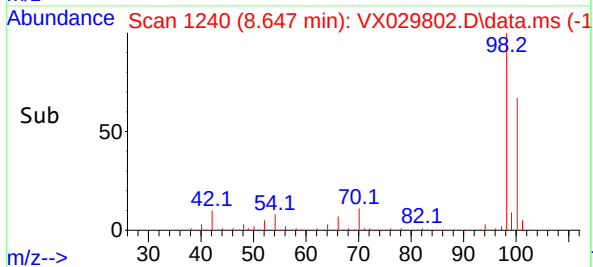
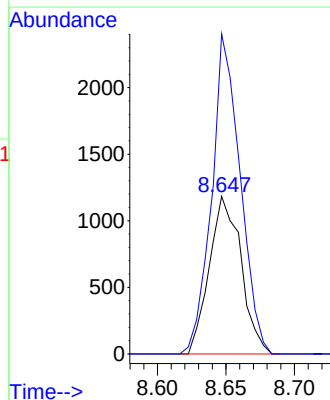
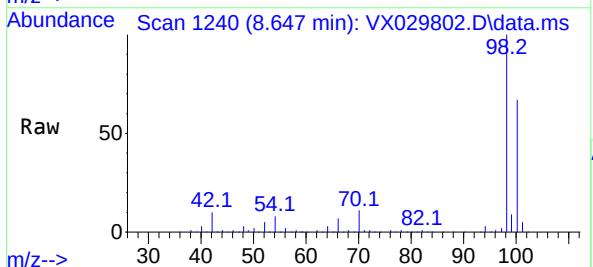
Acq: 25 Jun 2022 06:13

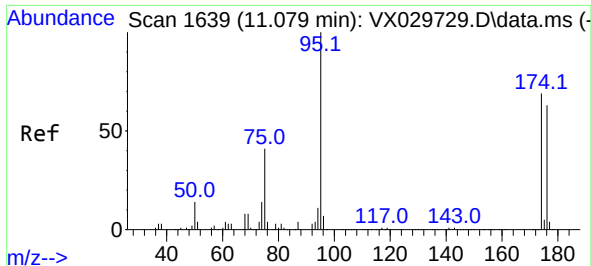
Tgt Ion: 43 Resp: 1904

Ion Ratio Lower Upper

43 100

58 182.6 36.1 54.1#

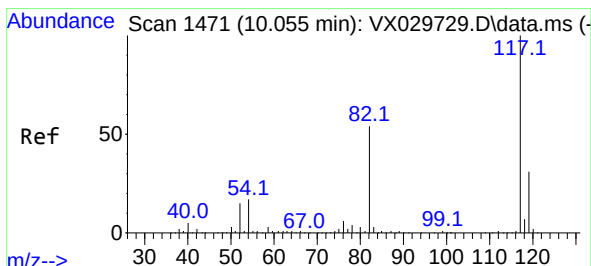
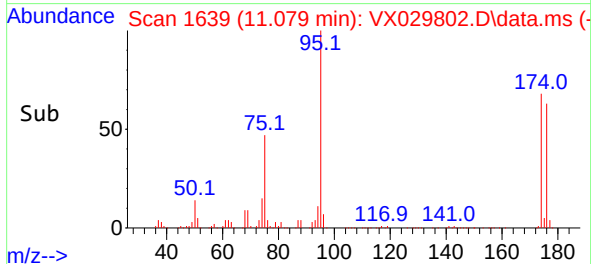
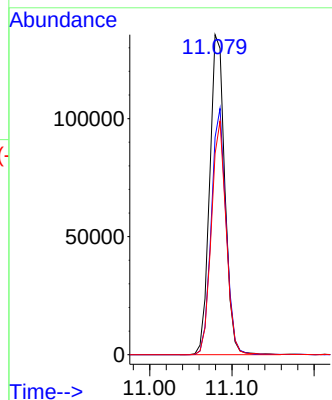
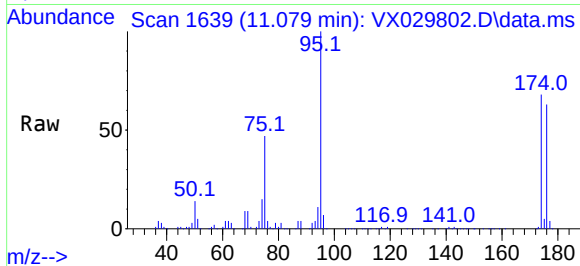




#62
4-Bromofluorobenzene
Concen: 44.562 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029802.D
Acq: 25 Jun 2022 06:13

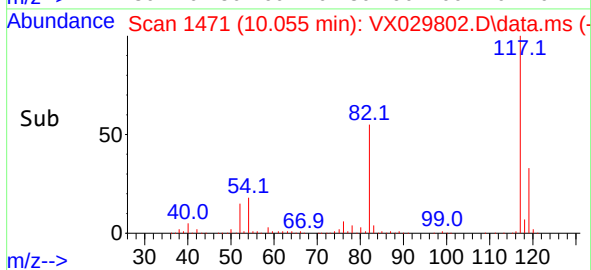
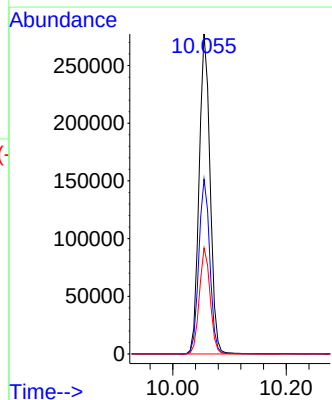
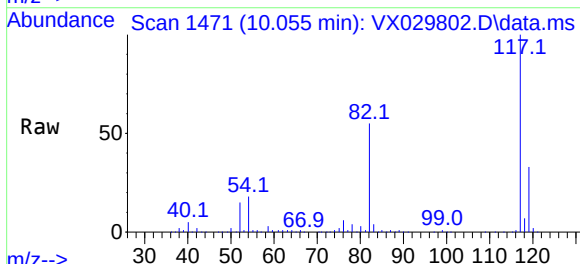
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20220615

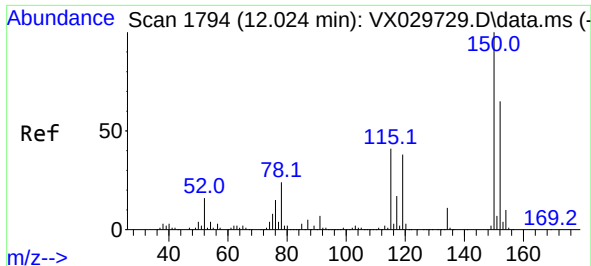
Tgt Ion: 95 Resp: 173052
Ion Ratio Lower Upper
95 100
174 75.1 0.0 163.0
176 71.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029802.D
Acq: 25 Jun 2022 06:13

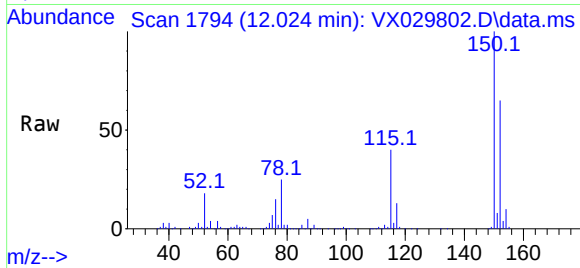
Tgt Ion: 117 Resp: 372158
Ion Ratio Lower Upper
117 100
82 54.6 41.8 62.8
119 33.1 24.8 37.2



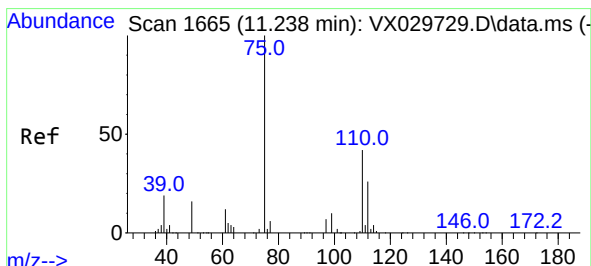
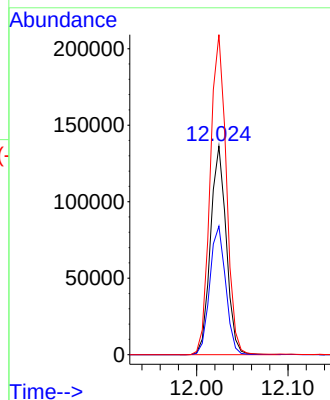
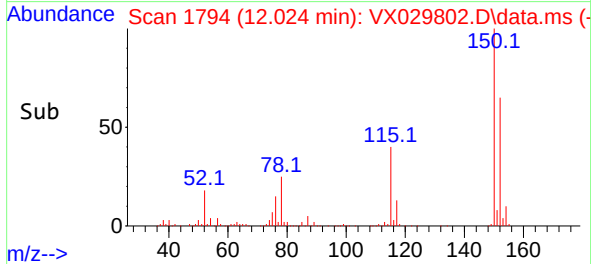


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029802.D
Acq: 25 Jun 2022 06:13

Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20220615

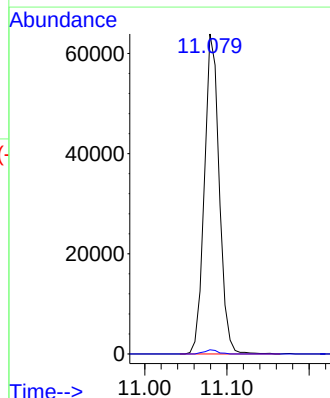
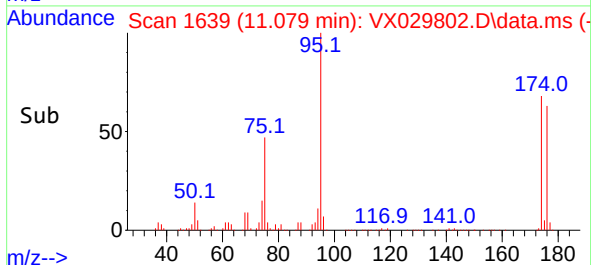
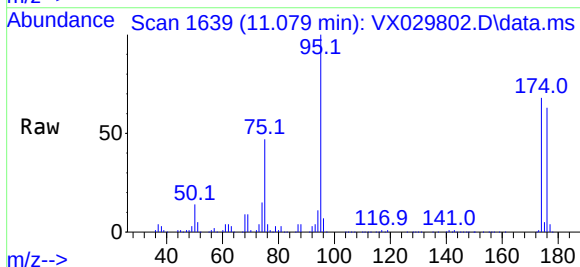


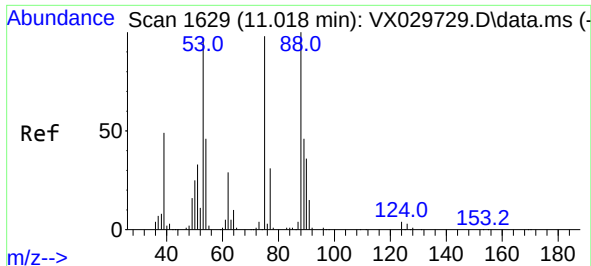
Tgt Ion:152 Resp: 163785
Ion Ratio Lower Upper
152 100
115 62.2 37.5 112.7
150 157.1 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.417 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029802.D
Acq: 25 Jun 2022 06:13

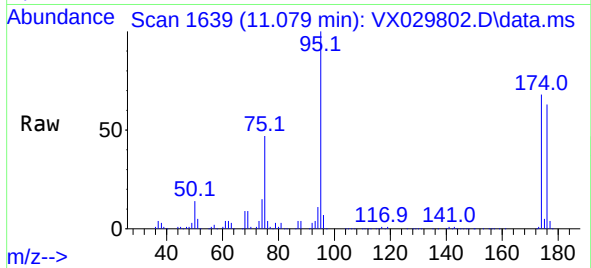
Tgt Ion: 75 Resp: 79984
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.575 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX029802.D
 Acq: 25 Jun 2022 06:13

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20220615



Tgt Ion: 75 Resp: 79984
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

