

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029226.D
 Acq On : 04 Jun 2022 05:35
 Operator : JC/MD
 Sample : N3165-20 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 44BR-20220601

Quant Time: Jun 06 02:41:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

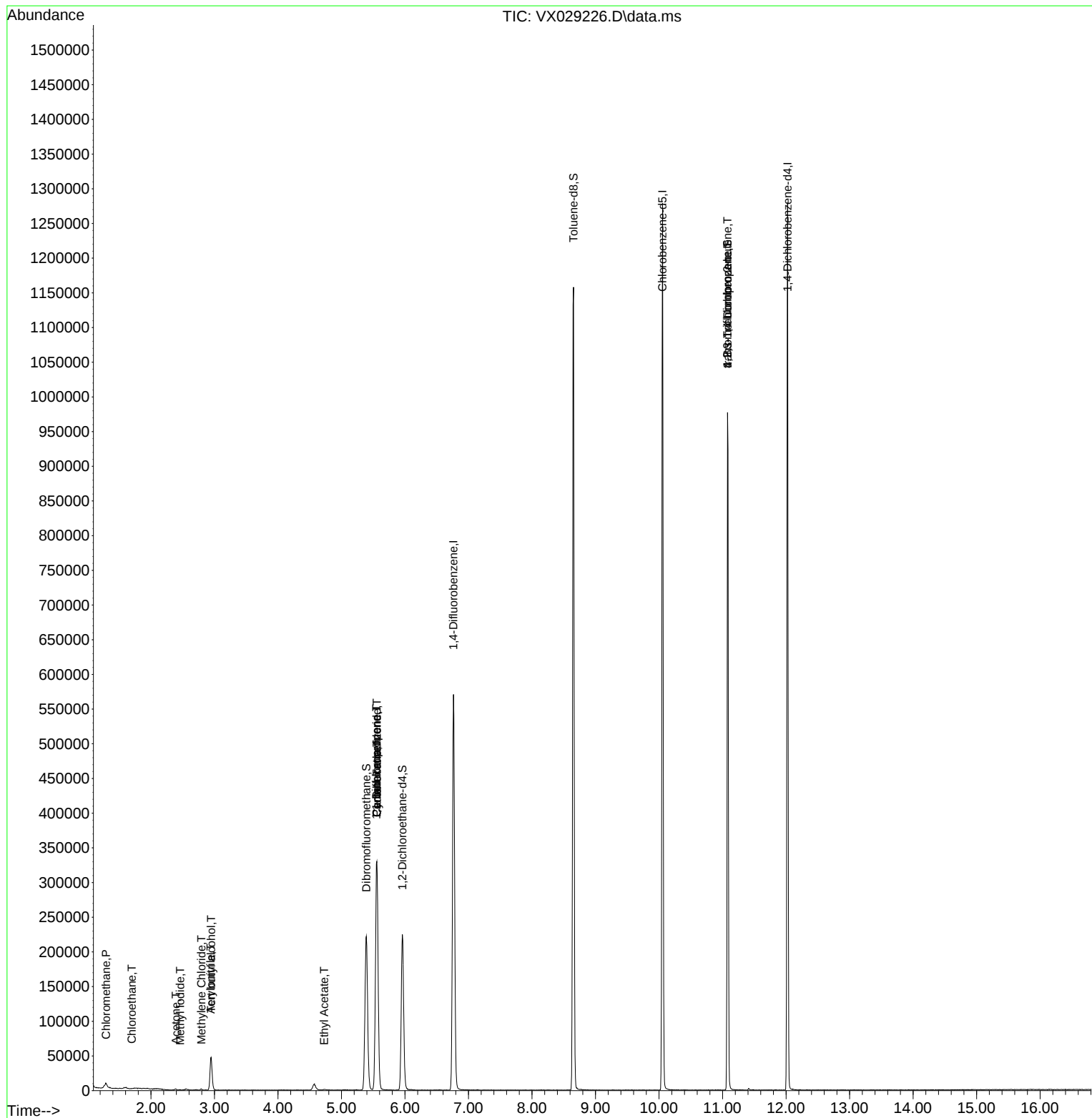
Internal Standards						
1) Pentafluorobenzene	5.556	168	314196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	595846	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	585665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	259486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	217721	61.451	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 122.900%	
35) Dibromofluoromethane	5.391	113	199211	50.334	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.660%	
50) Toluene-d8	8.653	98	710716	49.099	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.200%	
62) 4-Bromofluorobenzene	11.079	95	278872	49.840	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	660	0.231	ug/l #	75
5) Bromomethane	1.611	94	859	Below Cal	#	75
6) Chloroethane	1.697	64	1462	1.920	ug/l #	43
10) Methyl Iodide	2.459	142	359	4.320	ug/l #	82
11) Tert butyl alcohol	2.947	59	27518	33.528	ug/l #	76
15) Acrylonitrile	2.940	53	545	0.322	ug/l #	18
16) Acetone	2.392	43	1779	1.275	ug/l	90
20) Methylene Chloride	2.794	84	789	0.243	ug/l #	81
31) Cyclohexane	5.556	56	6003	1.303	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	25000	4.909	ug/l #	49
37) Ethyl Acetate	4.727	43	1189	0.241	ug/l #	78
38) Carbon Tetrachloride	5.556	117	33682	5.788	ug/l #	15
44) Trichloroethene	7.135	130	144	Below Cal		82
76) 1,2,3-Trichloropropane	11.079	75	138324	26.296	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	138324	77.148	ug/l #	15

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

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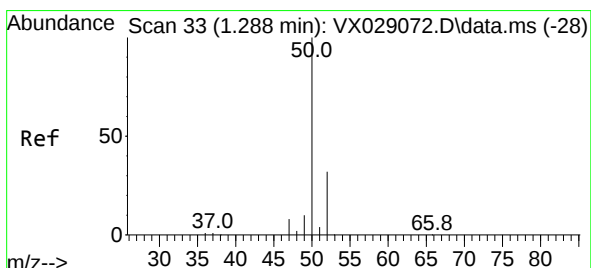
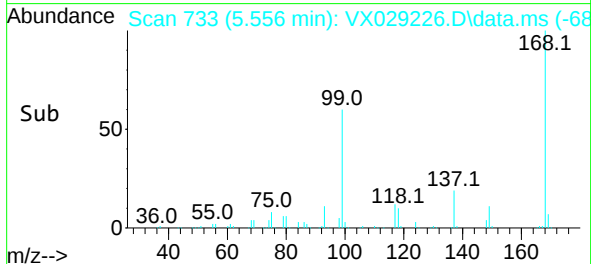
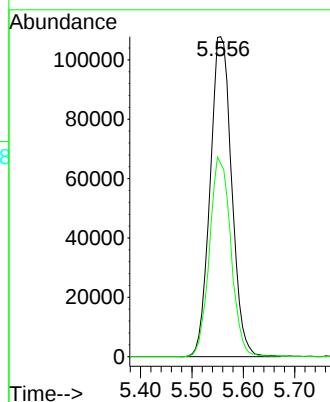
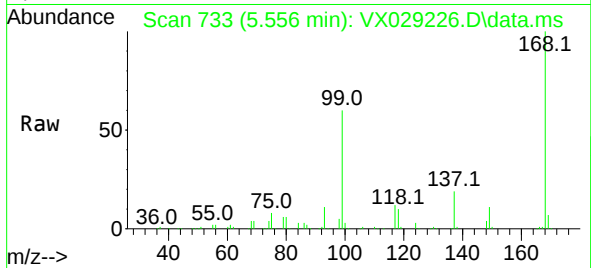




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029226.D
Acq: 04 Jun 2022 05:35

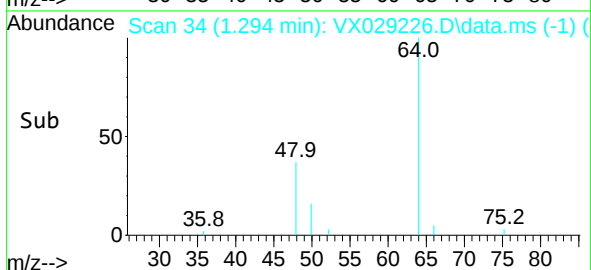
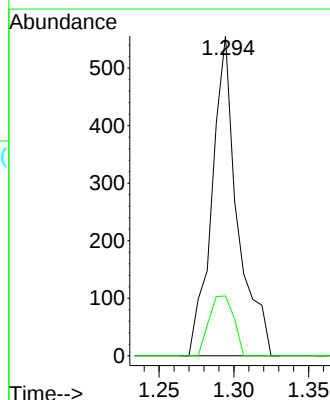
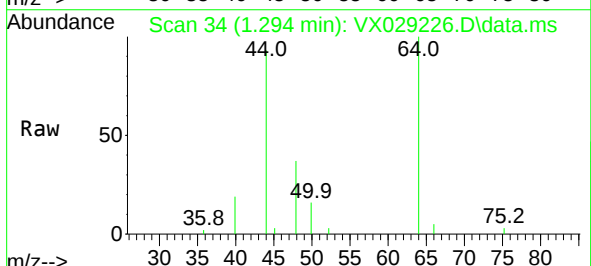
Instrument :
MSVOA_X
ClientSampleId :
44BR-20220601

Tgt Ion:168 Resp: 314196
Ion Ratio Lower Upper
168 100
99 60.4 41.7 62.5



#3
Chloromethane
Concen: 0.231 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029226.D
Acq: 04 Jun 2022 05:35

Tgt Ion: 50 Resp: 660
Ion Ratio Lower Upper
50 100
52 18.7 26.4 39.6#

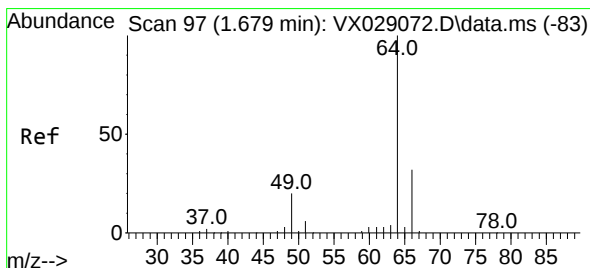
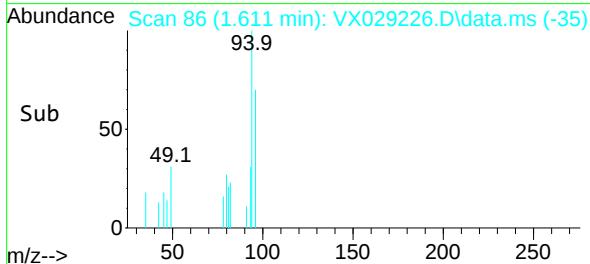
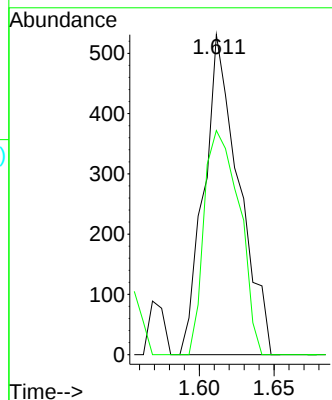
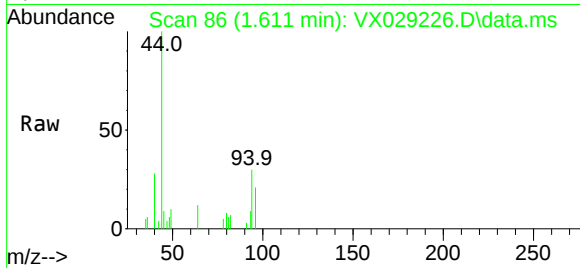




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029226.D
Acq: 04 Jun 2022 05:35

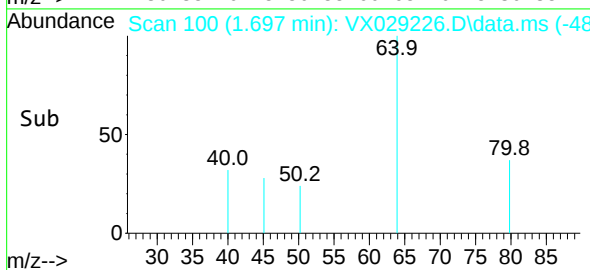
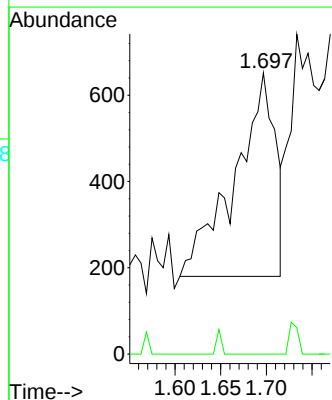
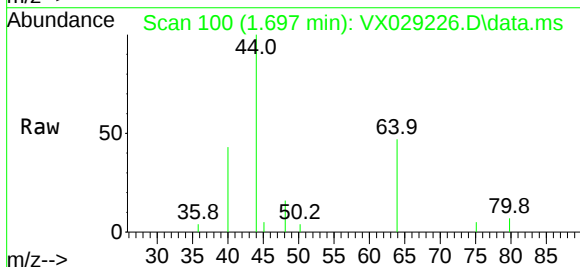
Instrument :
MSVOA_X
ClientSampleId :
44BR-20220601

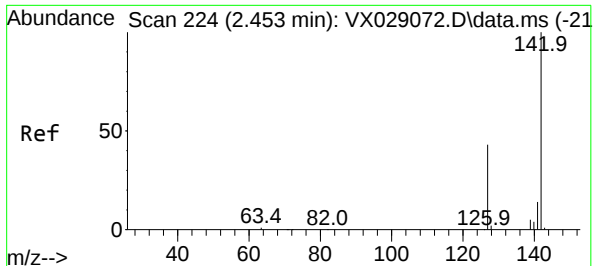
Tgt Ion: 94 Resp: 859
Ion Ratio Lower Upper
94 100
96 70.1 75.3 112.9#



#6
Chloroethane
Concen: 1.920 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX029226.D
Acq: 04 Jun 2022 05:35

Tgt Ion: 64 Resp: 1462
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

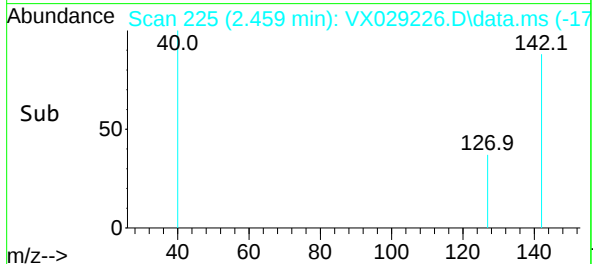
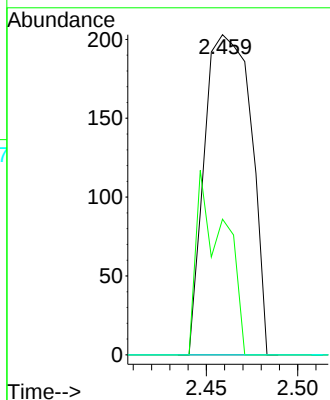
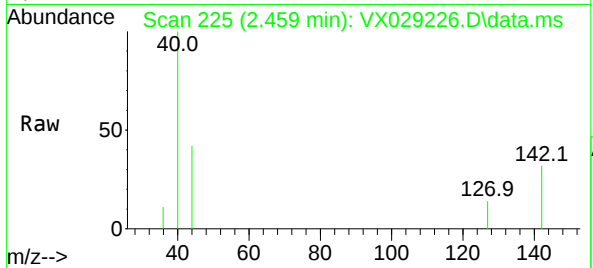




#10
Methyl Iodide
Concen: 4.320 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029226.D
Acq: 04 Jun 2022 05:35

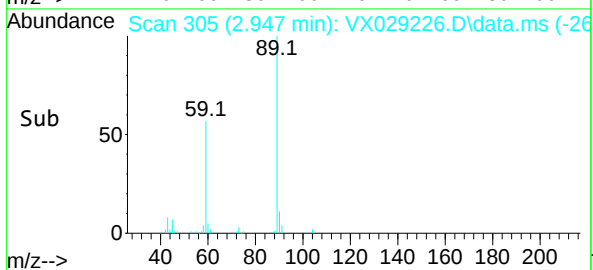
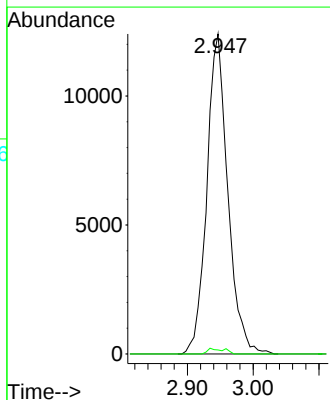
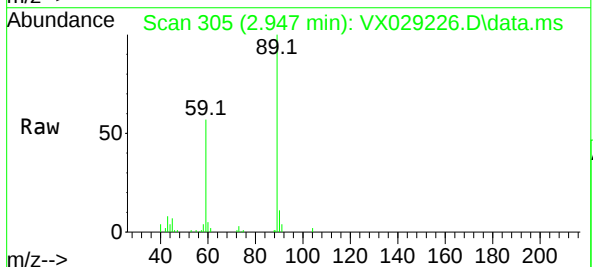
Instrument :
MSVOA_X
ClientSampleId :
44BR-20220601

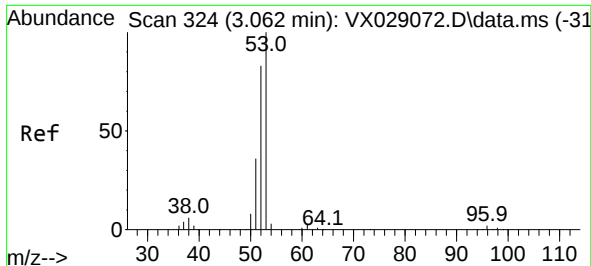
Tgt Ion:142 Resp: 359
Ion Ratio Lower Upper
142 100
127 34.8 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 33.528 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029226.D
Acq: 04 Jun 2022 05:35

Tgt Ion: 59 Resp: 27518
Ion Ratio Lower Upper
59 100
57 1.4 8.3 12.5#

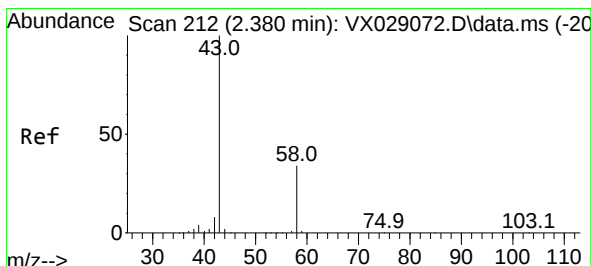
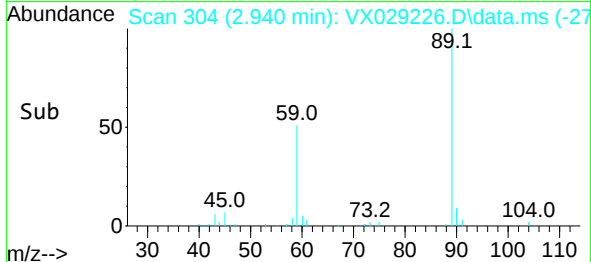
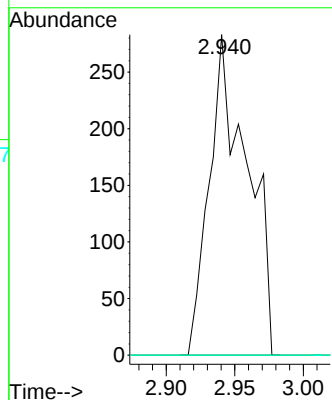
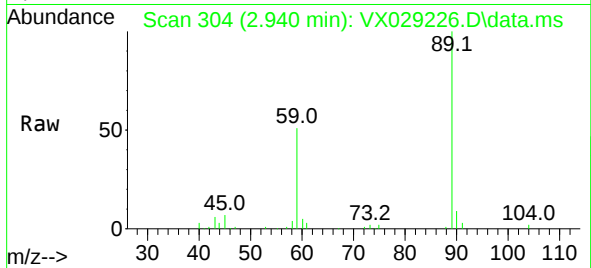




#15
Acrylonitrile
Concen: 0.322 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.122 min
Lab File: VX029226.D
Acq: 04 Jun 2022 05:35

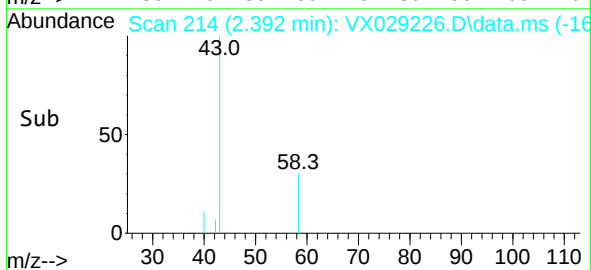
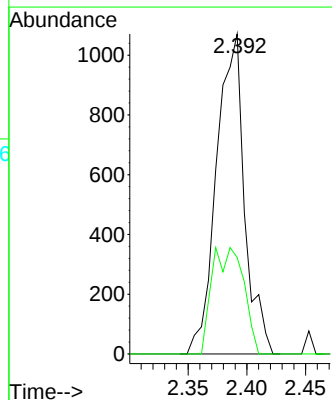
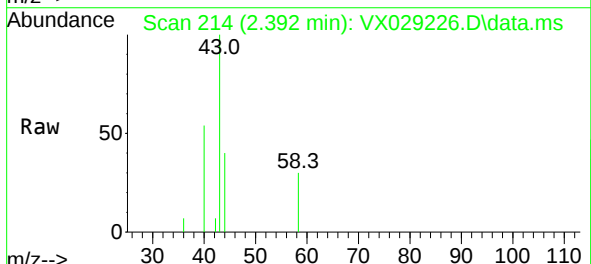
Instrument :
MSVOA_X
ClientSampleId :
44BR-20220601

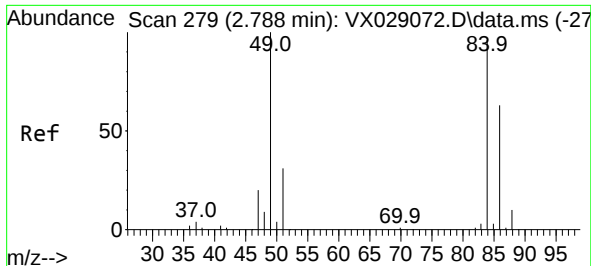
Tgt Ion: 53 Resp: 545
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 0.0 28.4 42.6#



#16
Acetone
Concen: 1.275 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX029226.D
Acq: 04 Jun 2022 05:35

Tgt Ion: 43 Resp: 1779
Ion Ratio Lower Upper
43 100
58 30.2 28.8 43.2





#20

Methylene Chloride

Concen: 0.243 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX029226.D

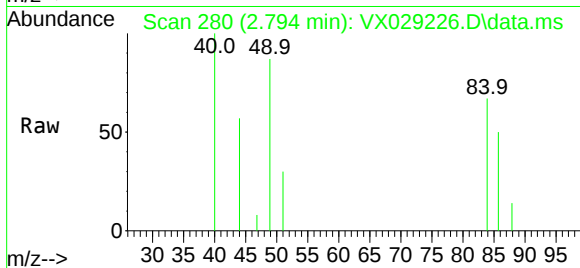
Acq: 04 Jun 2022 05:35

Instrument :

MSVOA_X

ClientSampleId :

44BR-20220601



Tgt Ion: 84 Resp: 789

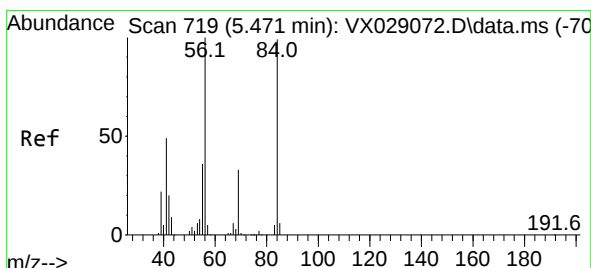
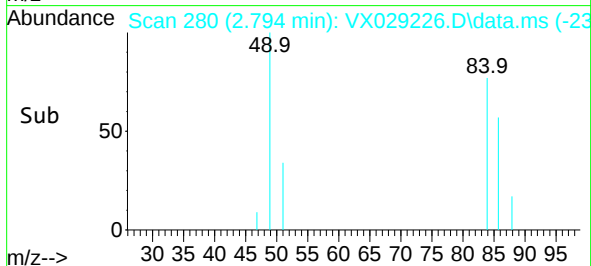
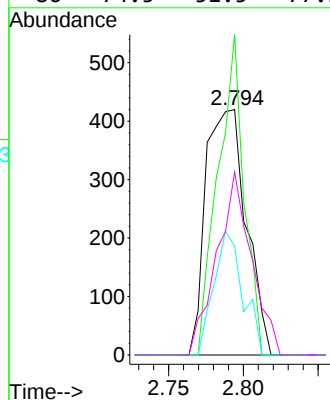
Ion Ratio Lower Upper

84 100

49 130.5 85.5 128.3#

51 44.3 26.6 39.8#

86 74.5 51.5 77.3



#31

Cyclohexane

Concen: 1.303 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX029226.D

Acq: 04 Jun 2022 05:35

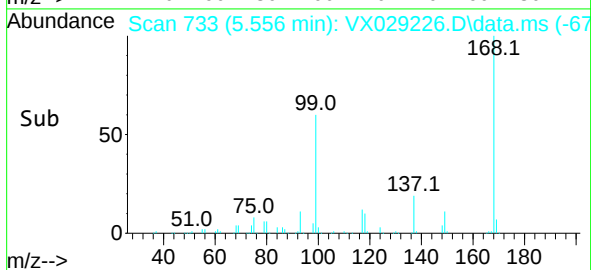
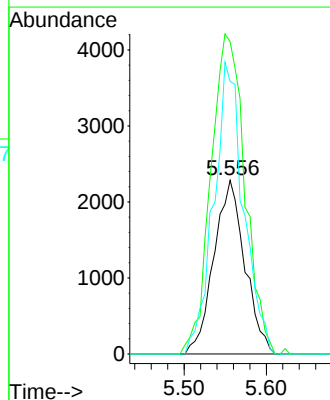
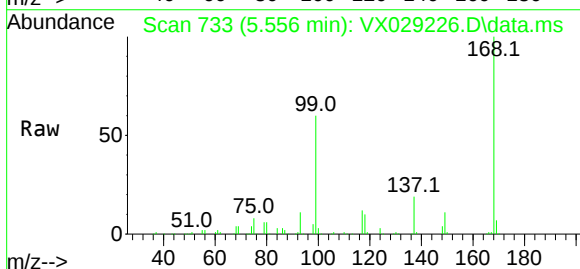
Tgt Ion: 56 Resp: 6003

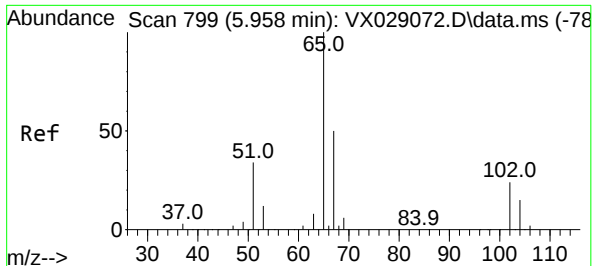
Ion Ratio Lower Upper

56 100

69 179.8 26.7 40.1#

84 156.9 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 61.451 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029226.D

Acq: 04 Jun 2022 05:35

Instrument :

MSVOA_X

ClientSampleId :

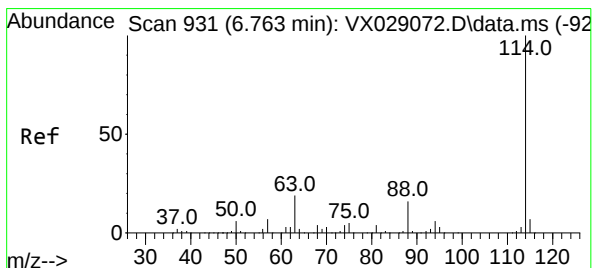
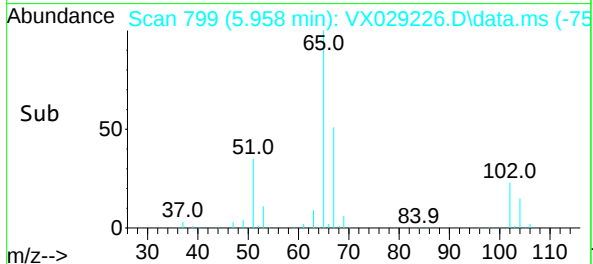
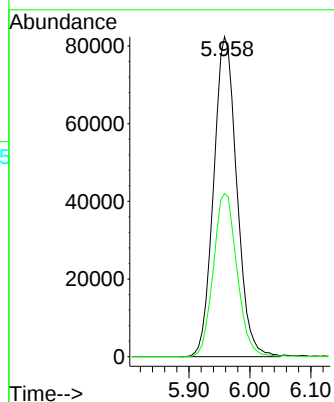
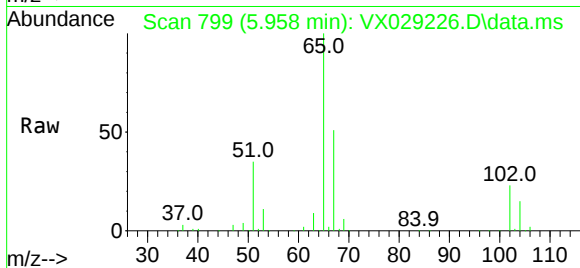
44BR-20220601

Tgt Ion: 65 Resp: 217721

Ion Ratio Lower Upper

65 100

67 52.0 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: VX029226.D

Acq: 04 Jun 2022 05:35

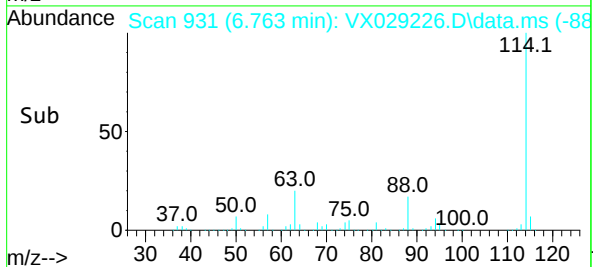
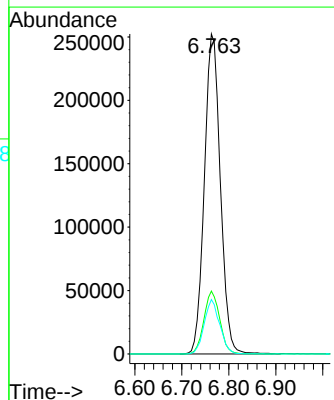
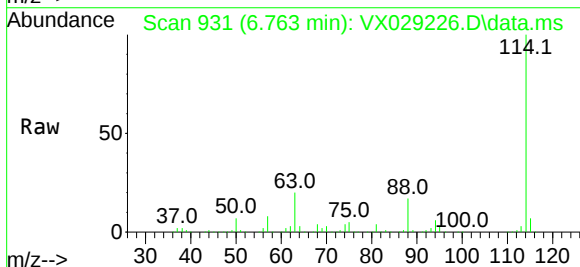
Tgt Ion: 114 Resp: 595846

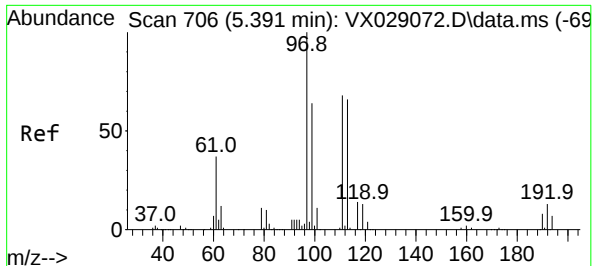
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.8

88 17.0 0.0 32.4

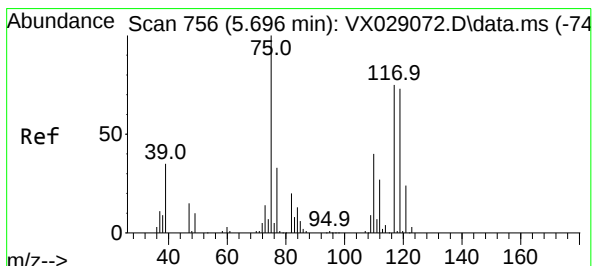
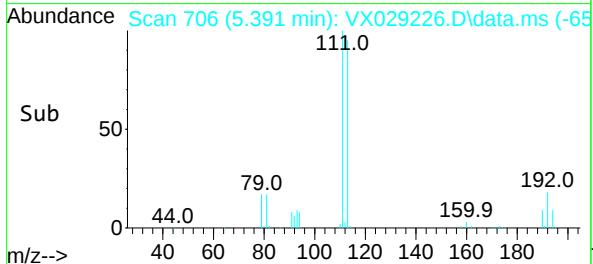
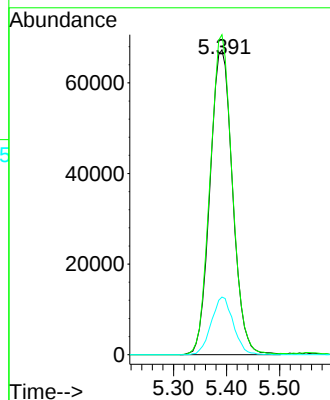
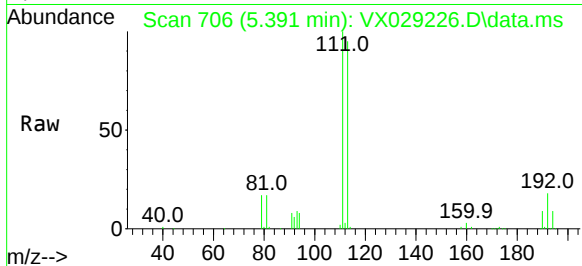




#35
Dibromofluoromethane
Concen: 50.334 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029226.D
Acq: 04 Jun 2022 05:35

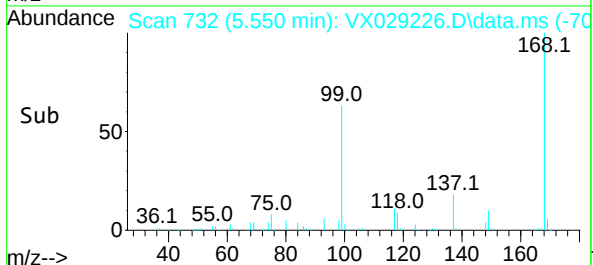
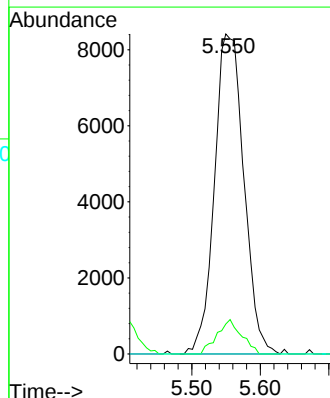
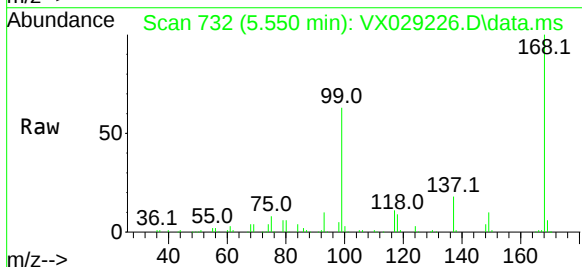
Instrument :
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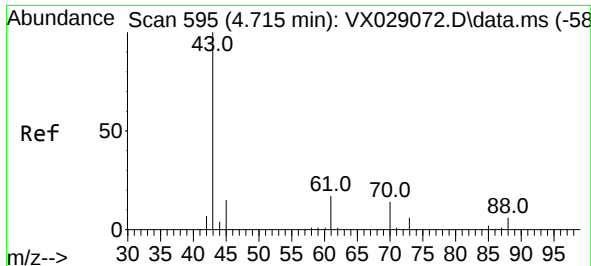
Tgt Ion:113 Resp: 199211
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.909 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX029226.D
Acq: 04 Jun 2022 05:35

Tgt Ion: 75 Resp: 25000
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.241 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX029226.D

Acq: 04 Jun 2022 05:35

Instrument :

MSVOA_X

ClientSampleId :

44BR-20220601

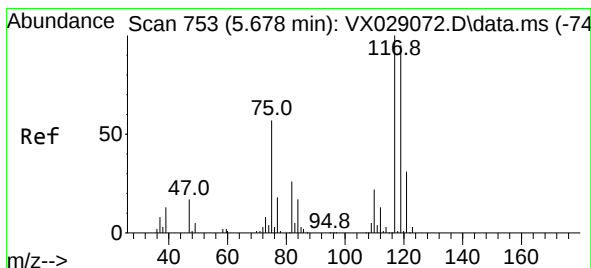
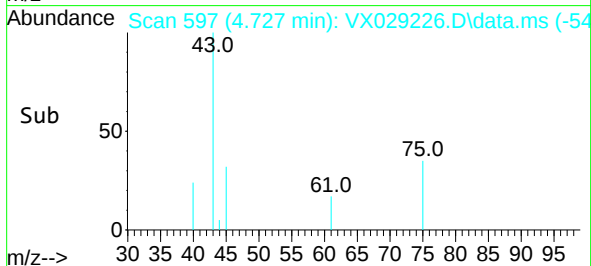
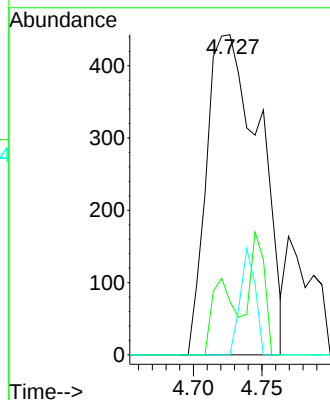
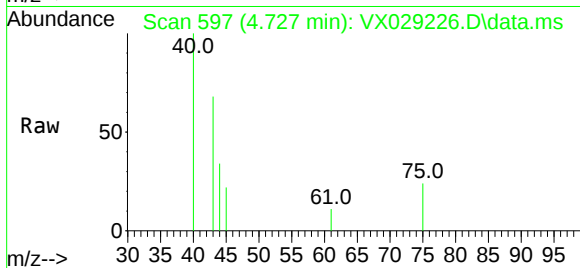
Tgt Ion: 43 Resp: 1189

Ion Ratio Lower Upper

43 100

61 9.8 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.788 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX029226.D

Acq: 04 Jun 2022 05:35

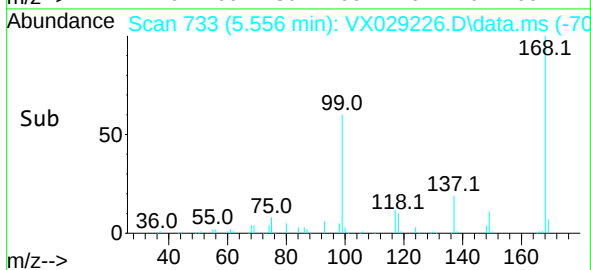
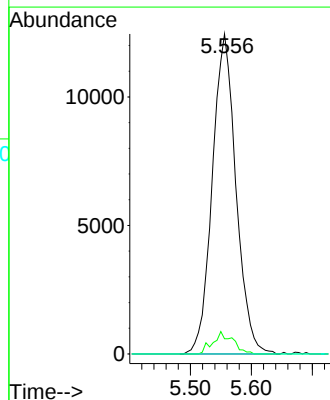
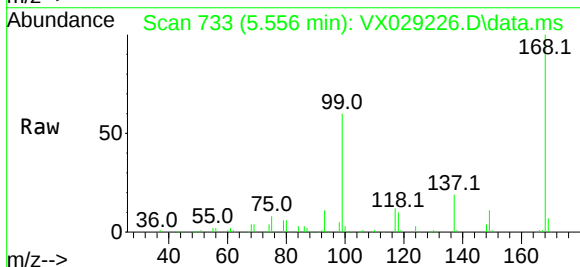
Tgt Ion: 117 Resp: 33682

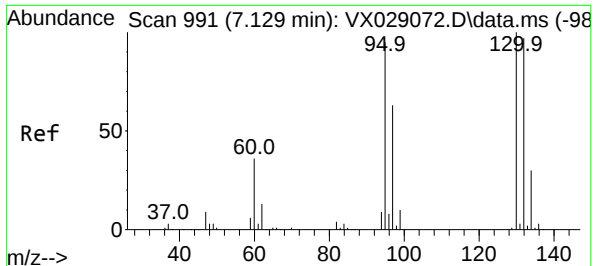
Ion Ratio Lower Upper

117 100

119 4.7 77.3 115.9#

121 0.0 24.2 36.2#

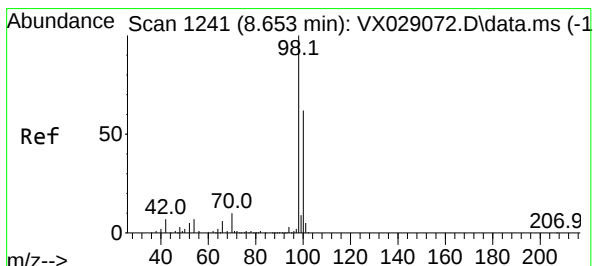
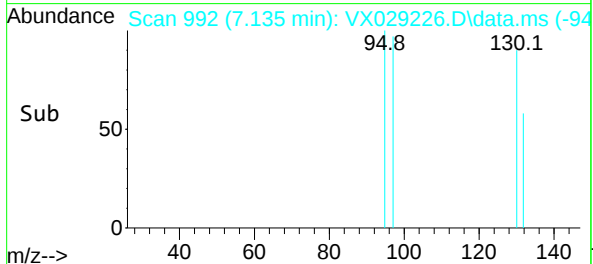
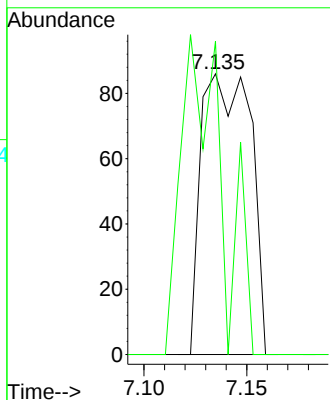
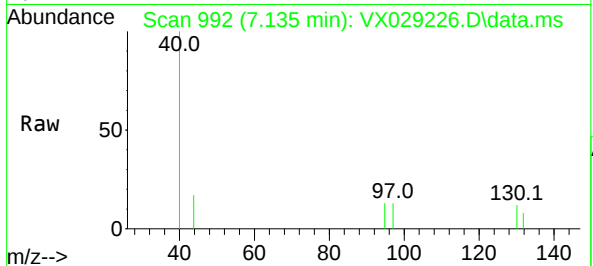




#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 94
Delta R.T. 0.006 min
Lab File: VX029226.D
Acq: 04 Jun 2022 05:35

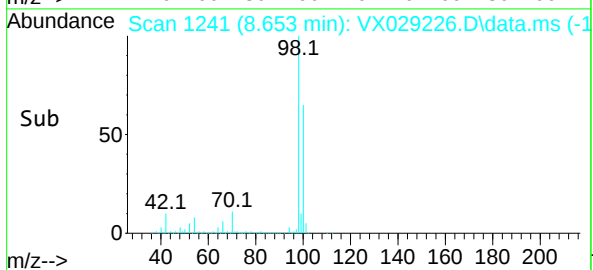
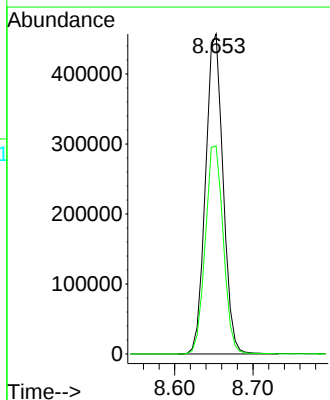
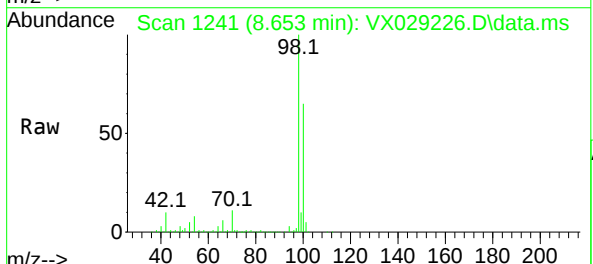
Instrument :
MSVOA_X
ClientSampleId :
44BR-20220601

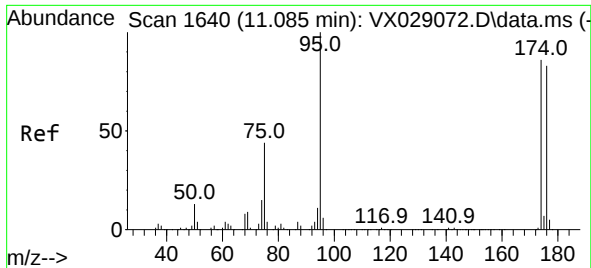
Tgt Ion:130 Resp: 144
Ion Ratio Lower Upper
130 100
95 111.6 0.0 188.8



#50
Toluene-d8
Concen: 49.099 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029226.D
Acq: 04 Jun 2022 05:35

Tgt Ion: 98 Resp: 710716
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

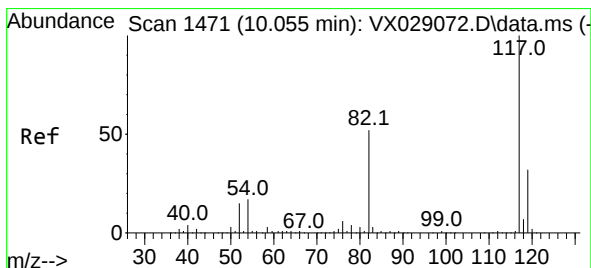
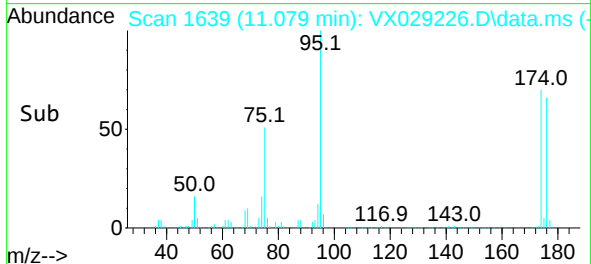
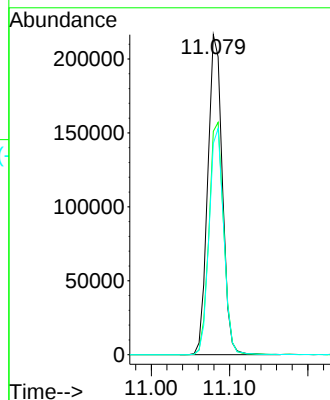
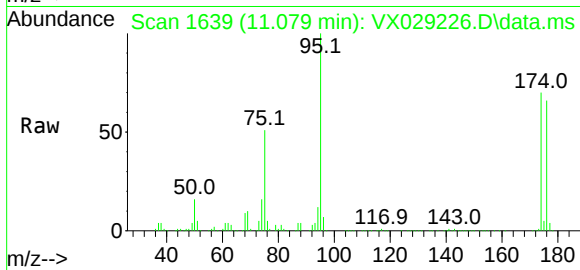




#62
4-Bromofluorobenzene
Concen: 49.840 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029226.D
Acq: 04 Jun 2022 05:35

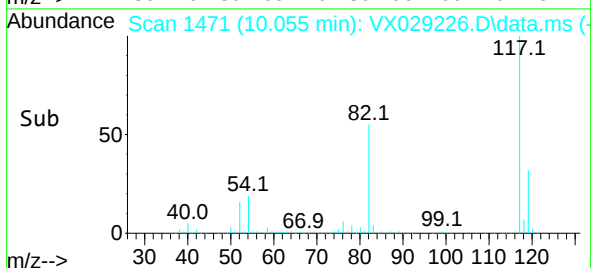
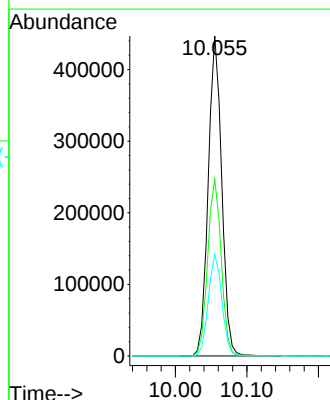
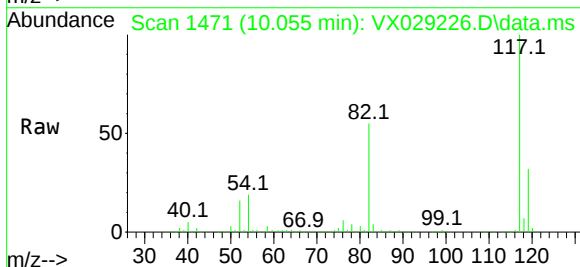
Instrument :
MSVOA_X
ClientSampleId :
44BR-20220601

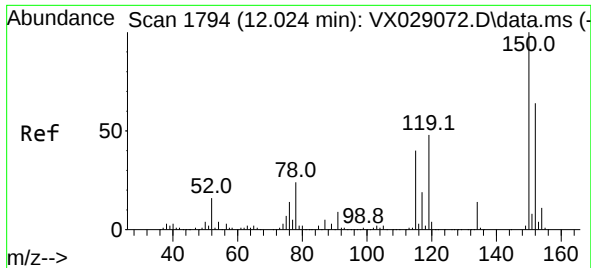
Tgt Ion: 95 Resp: 278872
Ion Ratio Lower Upper
95 100
174 73.0 0.0 163.0
176 70.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029226.D
Acq: 04 Jun 2022 05:35

Tgt Ion: 117 Resp: 585665
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 31.7 24.8 37.2

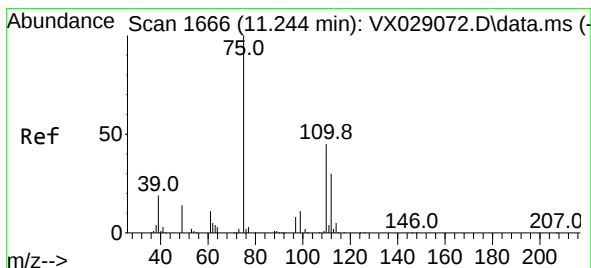
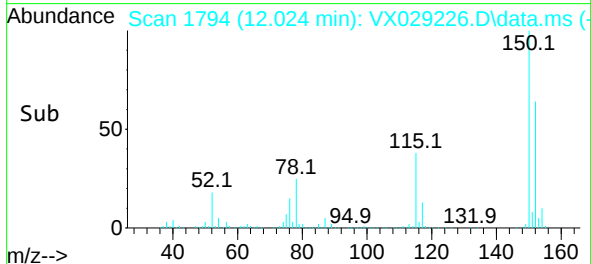
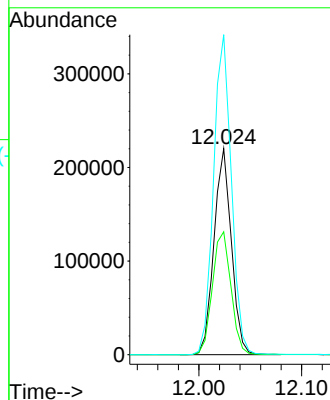
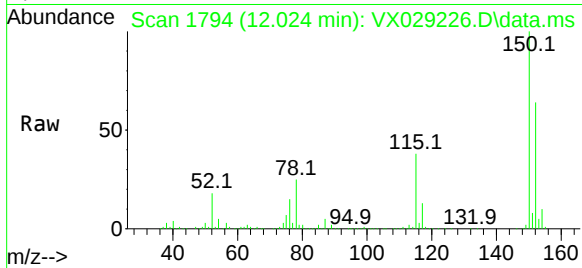




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029226.D
Acq: 04 Jun 2022 05:35

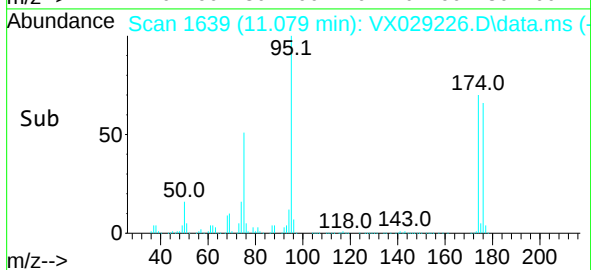
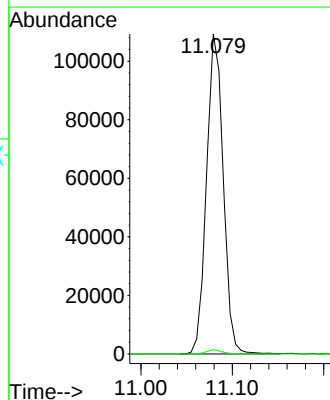
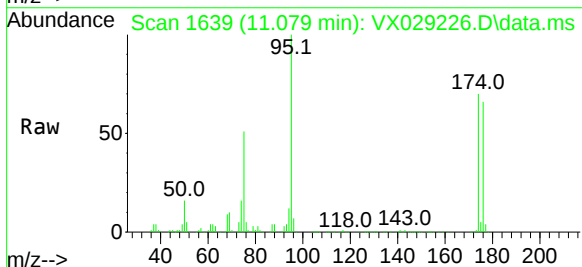
Instrument :
MSVOA_X
ClientSampleId :
44BR-20220601

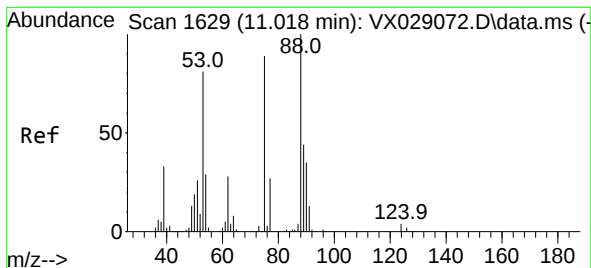
Tgt Ion:152 Resp: 259486
Ion Ratio Lower Upper
152 100
115 63.5 37.5 112.7
150 159.0 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 26.296 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029226.D
Acq: 04 Jun 2022 05:35

Tgt Ion: 75 Resp: 138324
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.148 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029226.D
 Acq: 04 Jun 2022 05:35

Instrument :
 MSVOA_X
 ClientSampleId :
 44BR-20220601

Tgt Ion: 75 Resp: 138324
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

