

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029100.D
 Acq On : 01 Jun 2022 01:30
 Operator : JC/MD
 Sample : N3022-04 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20220525

Quant Time: Jun 01 05:04:22 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)

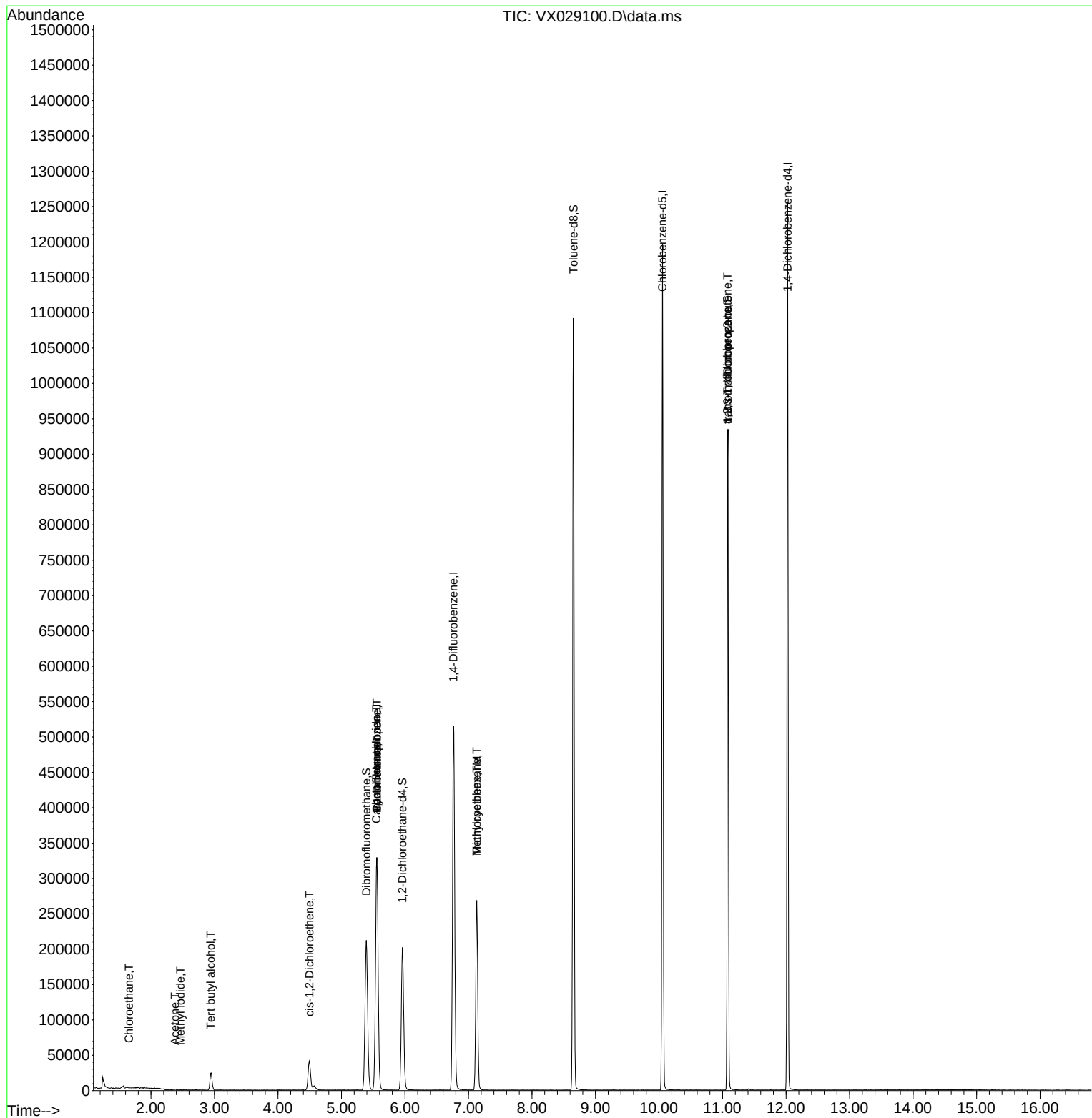
Internal Standards						
1) Pentafluorobenzene	5.556	168	331733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	571686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	558423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	266396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191085	51.082	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.160%	
35) Dibromofluoromethane	5.391	113	188937	49.756	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.520%	
50) Toluene-d8	8.653	98	672921	48.453	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.900%	
62) 4-Bromofluorobenzene	11.079	95	260573	48.537	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.080%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	651	Below Cal	#	80
6) Chloroethane	1.654	64	151	1.456	ug/l #	43
10) Methyl Iodide	2.465	142	256	4.290	ug/l #	80
11) Tert butyl alcohol	2.941	59	14103	16.275	ug/l #	74
16) Acetone	2.380	43	1141	0.775	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	28570	7.102	ug/l	85
31) Cyclohexane	5.556	56	5248	1.079	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22725	4.651	ug/l #	50
38) Carbon Tetrachloride	5.550	117	32874	5.887	ug/l #	15
39) Methylcyclohexane	7.129	83	1314	0.218	ug/l #	1
44) Trichloroethene	7.129	130	111064	25.545	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	122246	22.637	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	122246	66.412	ug/l #	15

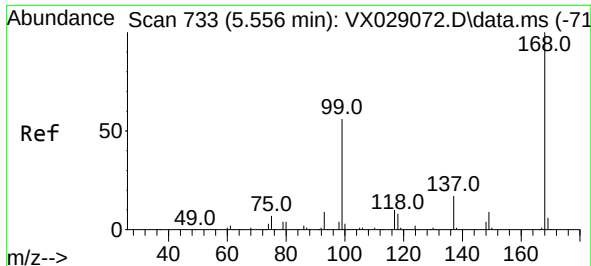
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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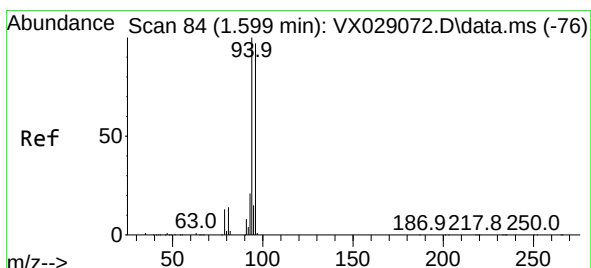
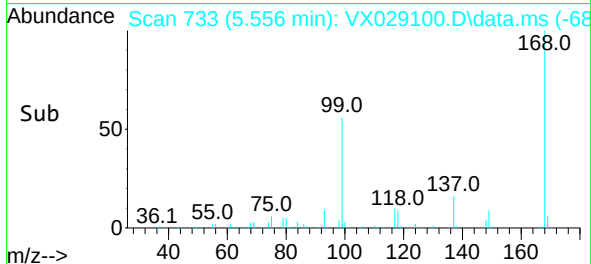
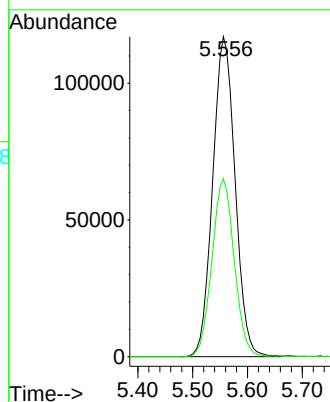
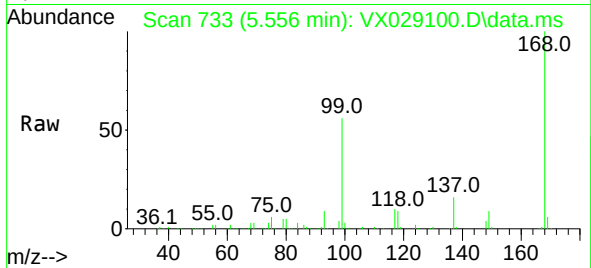




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029100.D
Acq: 01 Jun 2022 01:30

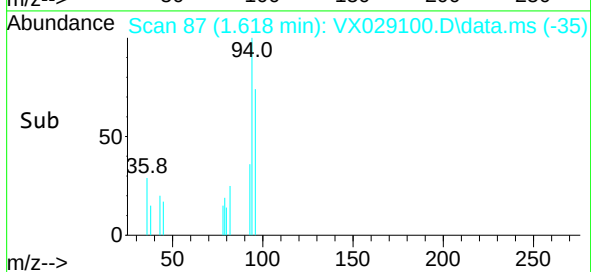
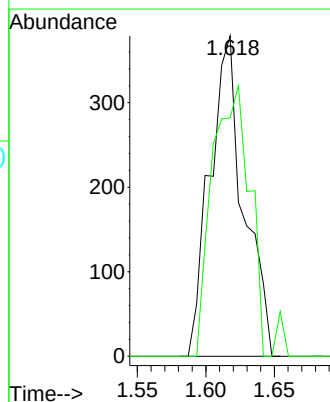
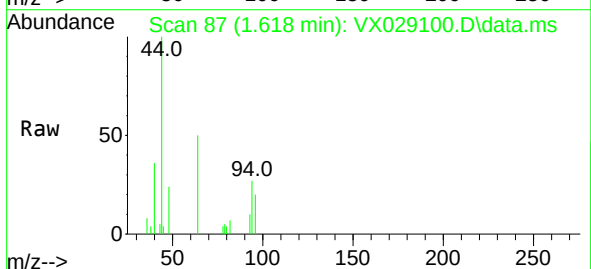
Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

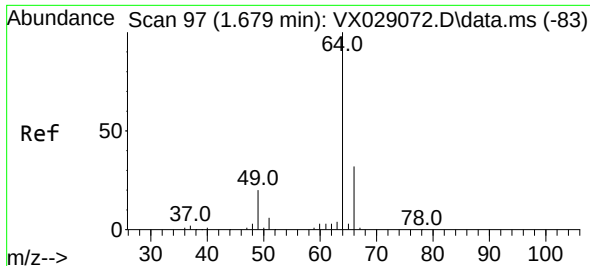
Tgt Ion:168 Resp: 331733
Ion Ratio Lower Upper
168 100
99 55.6 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX029100.D
Acq: 01 Jun 2022 01:30

Tgt Ion: 94 Resp: 651
Ion Ratio Lower Upper
94 100
96 74.4 75.3 112.9#

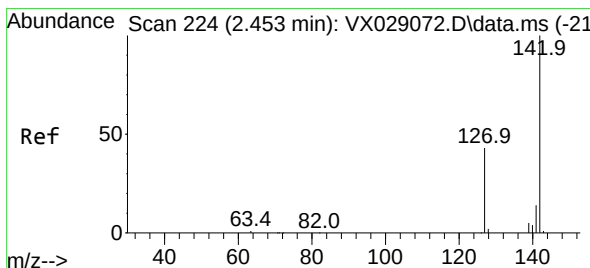
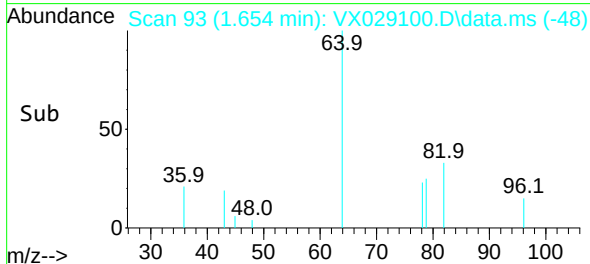
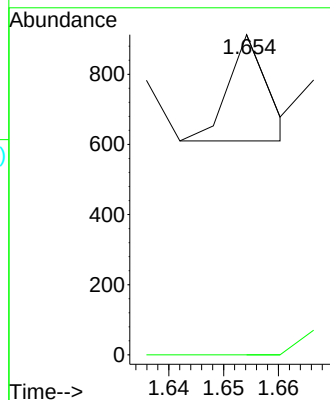
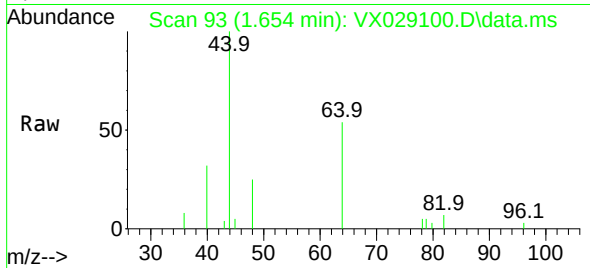




#6
Chloroethane
Concen: 1.456 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.025 min
Lab File: VX029100.D
Acq: 01 Jun 2022 01:30

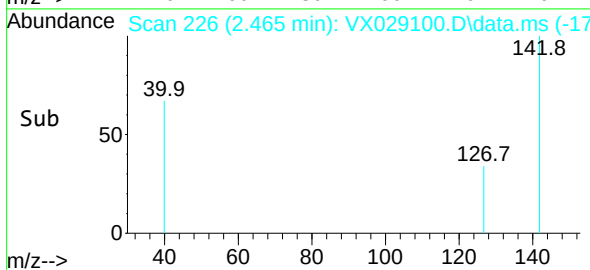
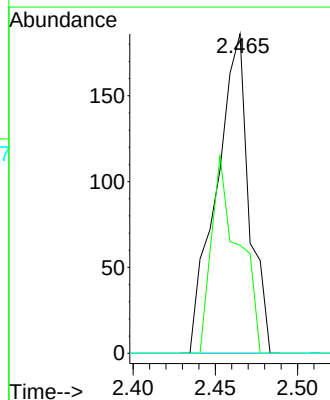
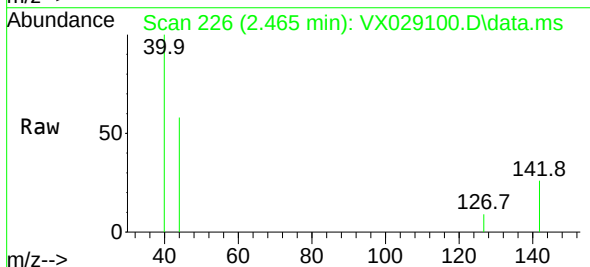
Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

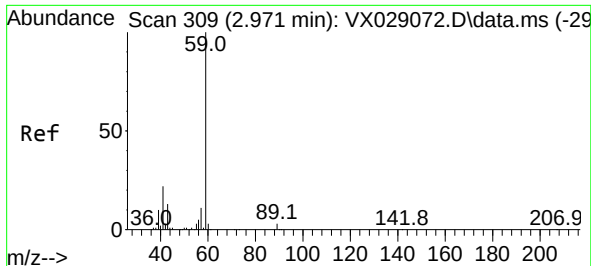
Tgt Ion: 64 Resp: 151
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.290 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX029100.D
Acq: 01 Jun 2022 01:30

Tgt Ion: 142 Resp: 256
Ion Ratio Lower Upper
142 100
127 51.6 33.9 50.9#
141 0.0 11.4 17.2#

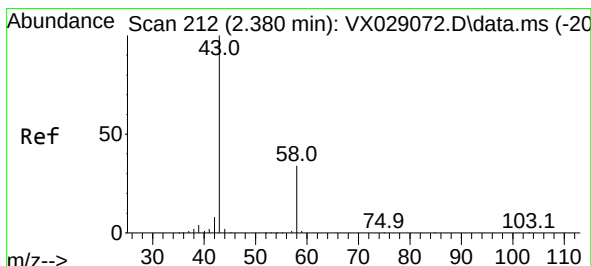
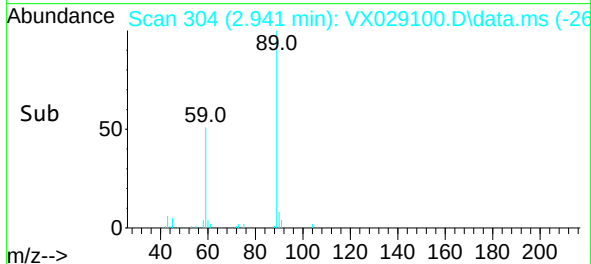
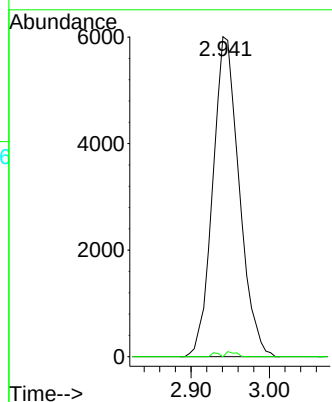
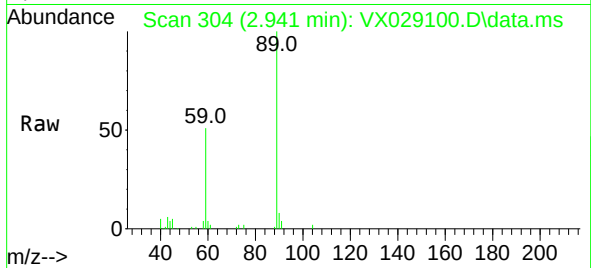




#11
Tert butyl alcohol
Concen: 16.275 ug/l
RT: 2.941 min Scan# 309
Delta R.T. -0.030 min
Lab File: VX029100.D
Acq: 01 Jun 2022 01:30

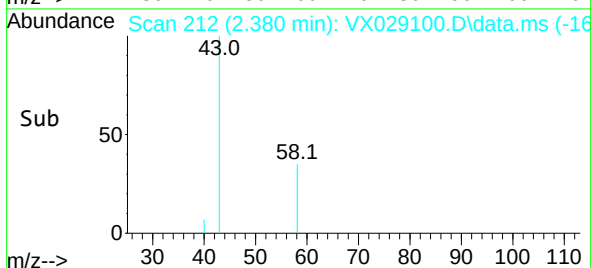
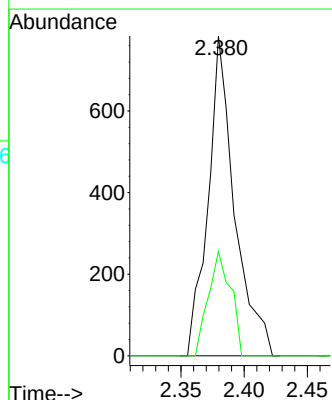
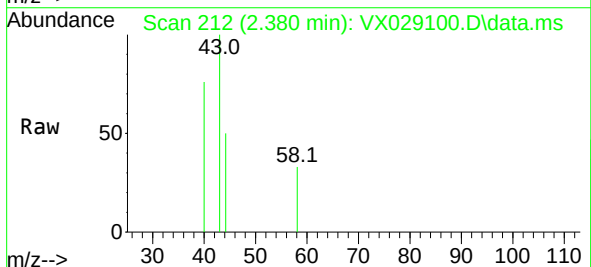
Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

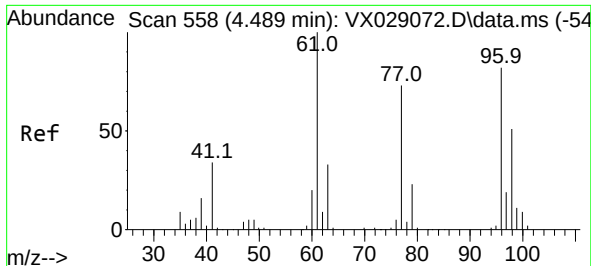
Tgt Ion: 59 Resp: 14103
Ion Ratio Lower Upper
59 100
57 0.6 8.3 12.5#



#16
Acetone
Concen: 0.775 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029100.D
Acq: 01 Jun 2022 01:30

Tgt Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
58 32.7 28.8 43.2





#27

cis-1,2-Dichloroethene

Concen: 7.102 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX029100.D

Acq: 01 Jun 2022 01:30

Instrument :

MSVOA_X

ClientSampleId :

45BR-20220525

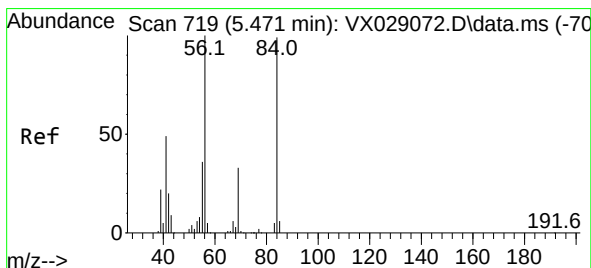
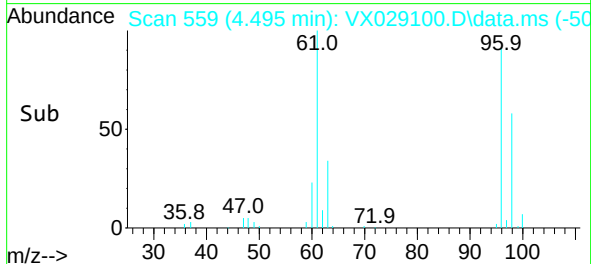
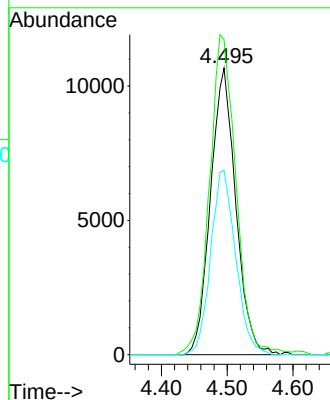
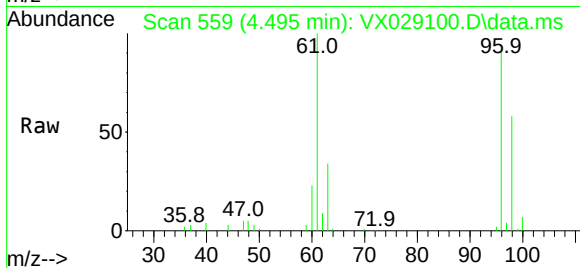
Tgt Ion: 96 Resp: 28570

Ion Ratio Lower Upper

96 100

61 116.7 0.0 283.8

98 63.6 0.0 129.8



#31

Cyclohexane

Concen: 1.079 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX029100.D

Acq: 01 Jun 2022 01:30

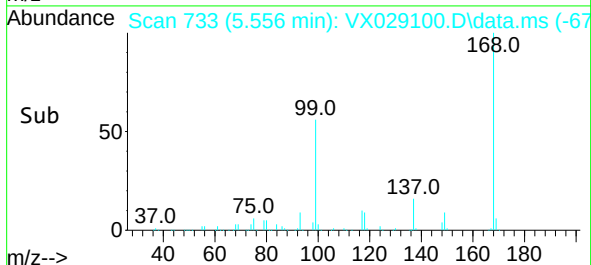
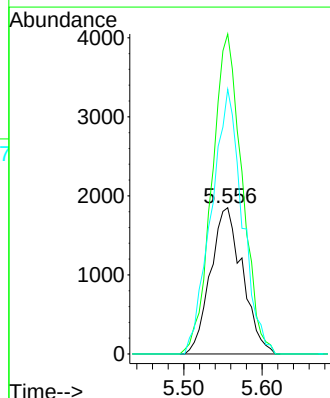
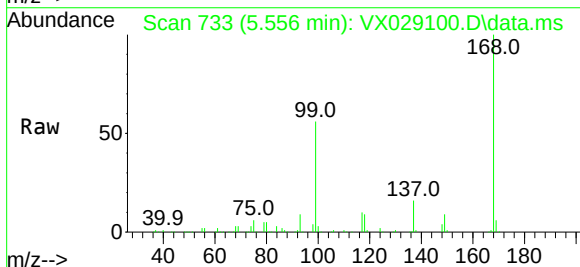
Tgt Ion: 56 Resp: 5248

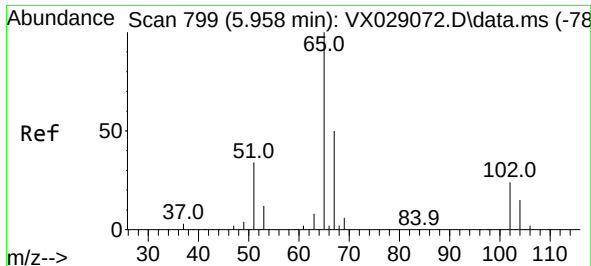
Ion Ratio Lower Upper

56 100

69 218.8 26.7 40.1#

84 180.9 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 51.082 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029100.D

Acq: 01 Jun 2022 01:30

Instrument :

MSVOA_X

ClientSampleId :

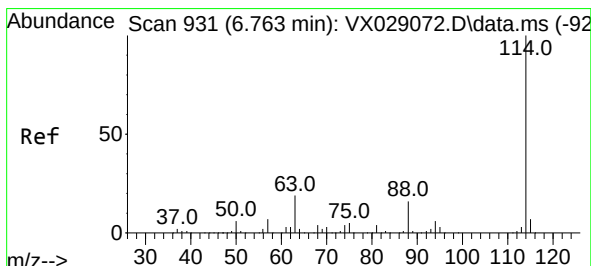
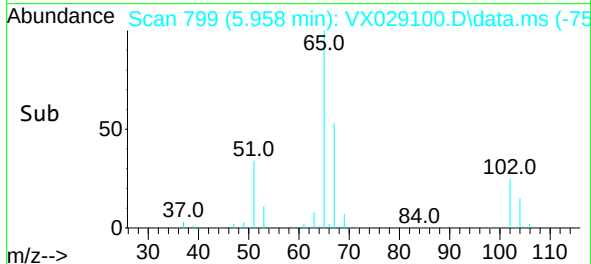
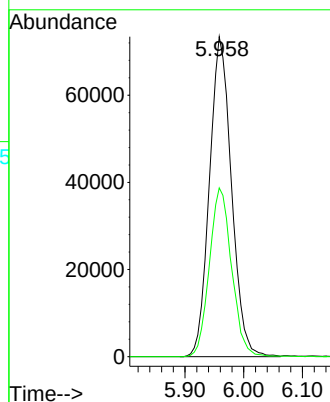
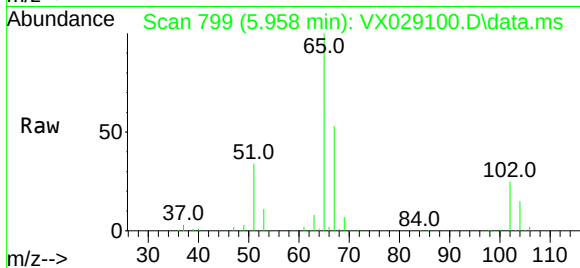
45BR-20220525

Tgt Ion: 65 Resp: 191085

Ion Ratio Lower Upper

65 100

67 53.3 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: VX029100.D

Acq: 01 Jun 2022 01:30

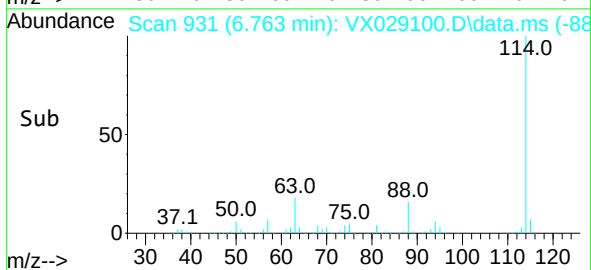
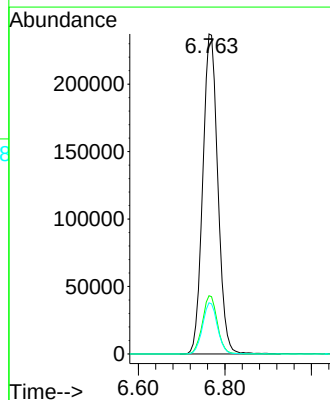
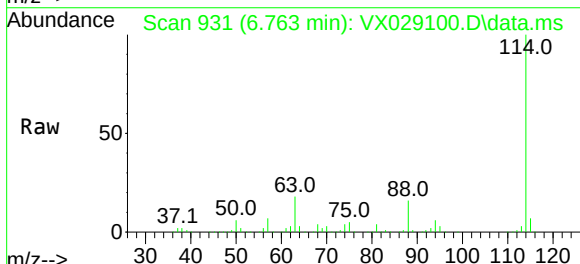
Tgt Ion: 114 Resp: 571686

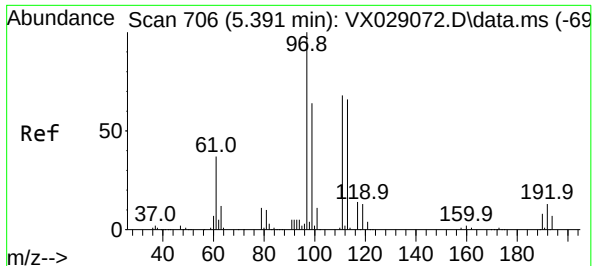
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

88 16.0 0.0 32.4

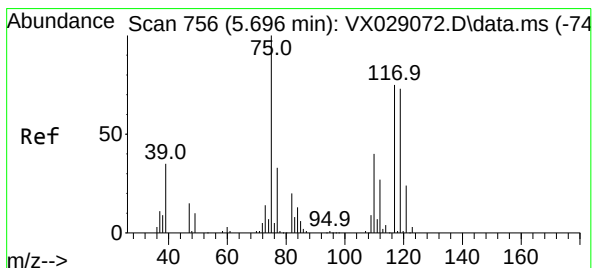
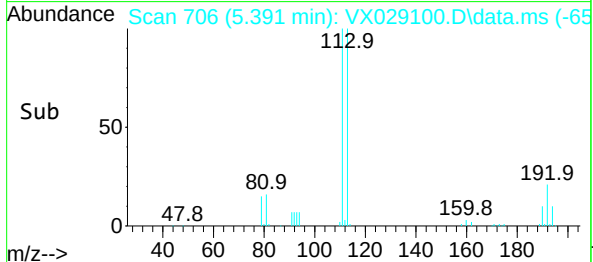
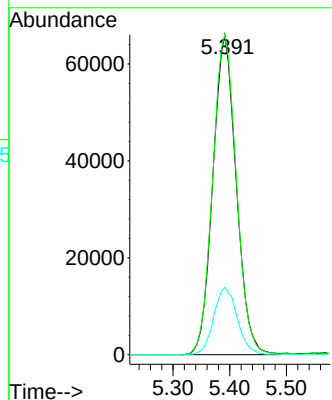
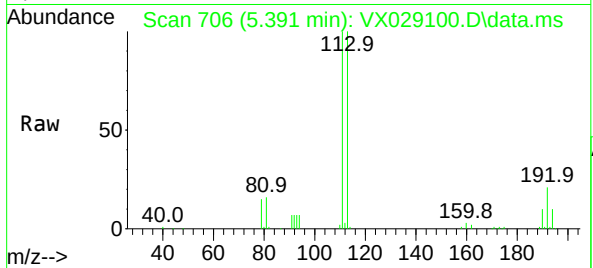




#35
Dibromofluoromethane
Concen: 49.756 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029100.D
Acq: 01 Jun 2022 01:30

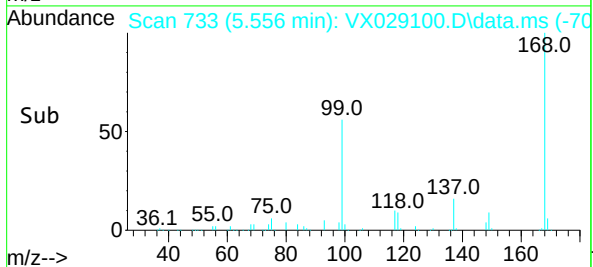
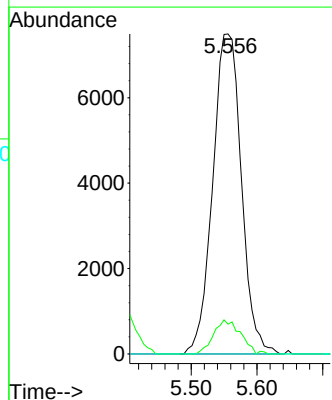
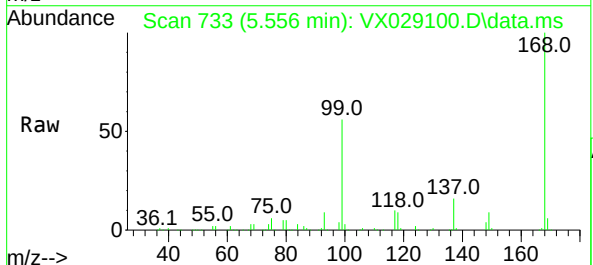
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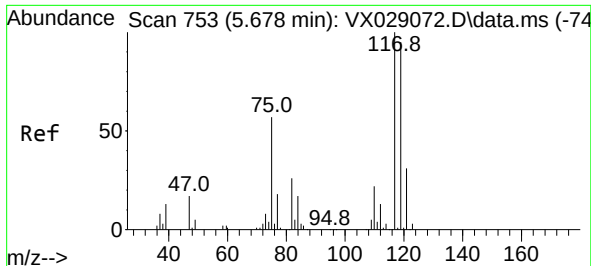
Tgt Ion: 113 Resp: 188937
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 21.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.651 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029100.D
Acq: 01 Jun 2022 01:30

Tgt Ion: 75 Resp: 22725
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#

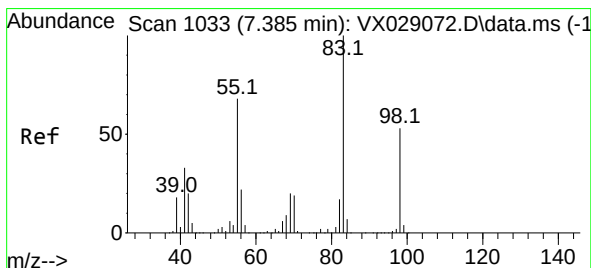
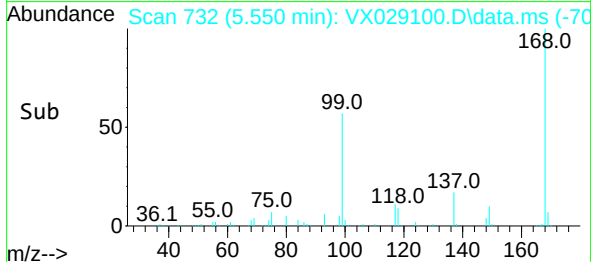
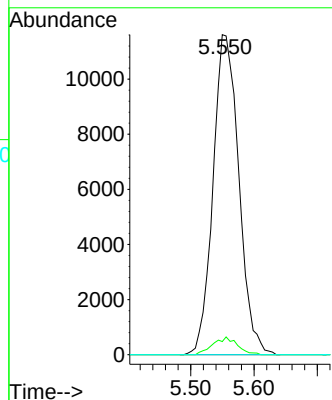
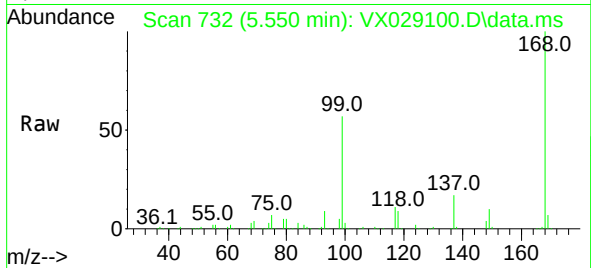




#38
Carbon Tetrachloride
Concen: 5.887 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029100.D
Acq: 01 Jun 2022 01:30

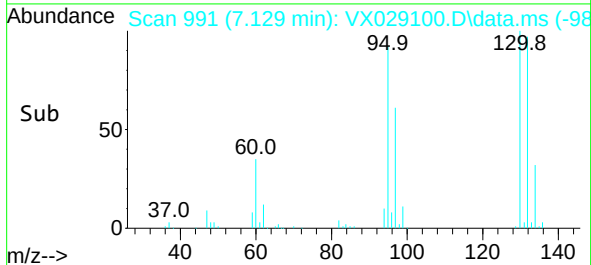
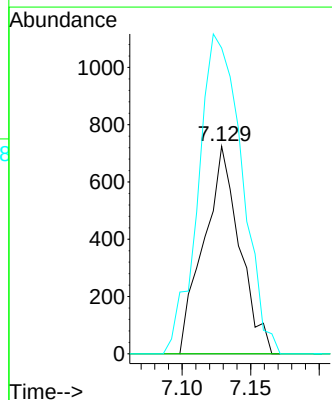
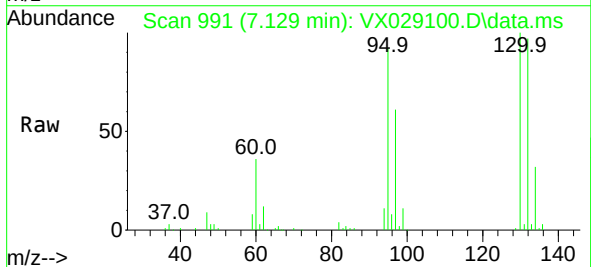
Instrument :
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45BR-20220525

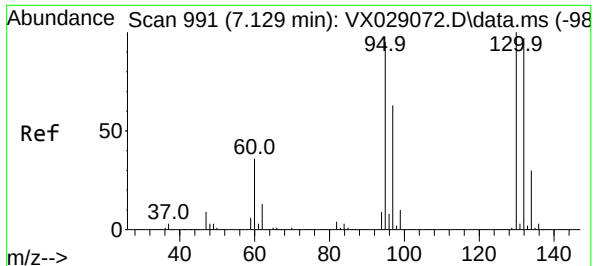
Tgt Ion:117 Resp: 32874
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.218 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX029100.D
Acq: 01 Jun 2022 01:30

Tgt Ion: 83 Resp: 1314
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 136.6 37.4 56.2#

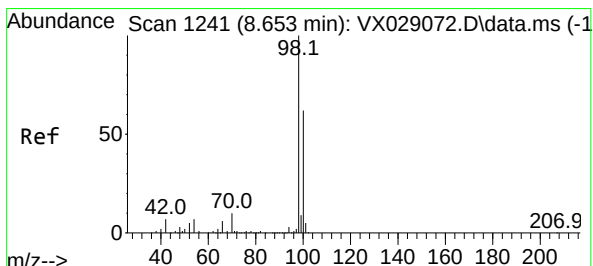
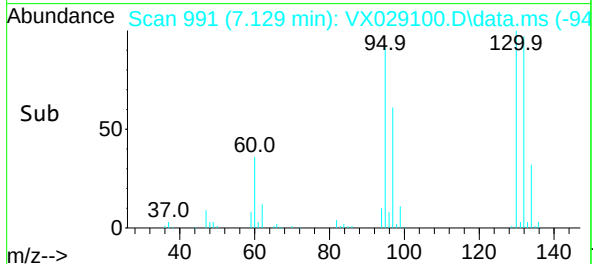
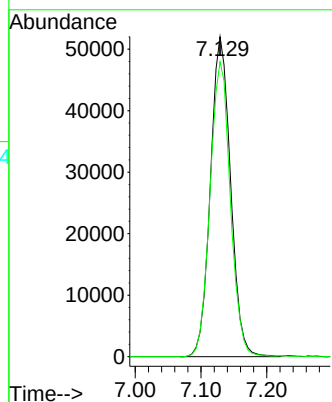
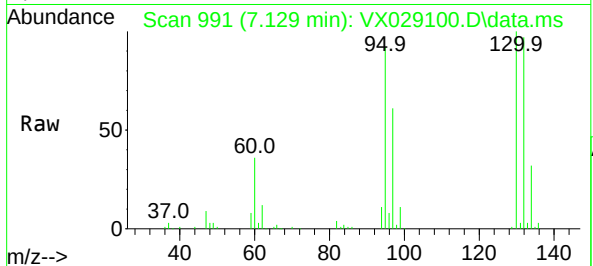




#44
Trichloroethene
Concen: 25.545 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029100.D
Acq: 01 Jun 2022 01:30

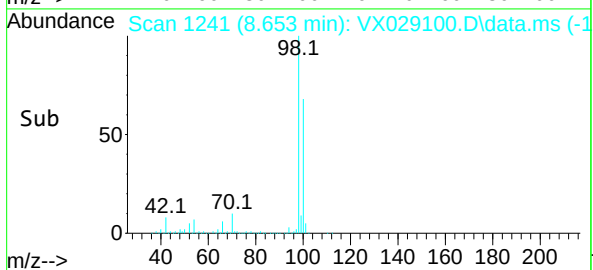
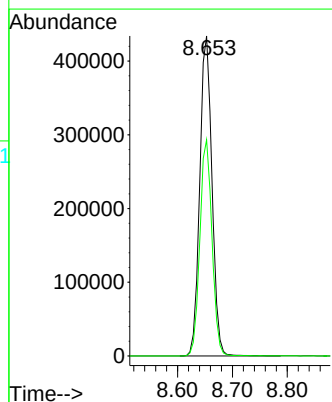
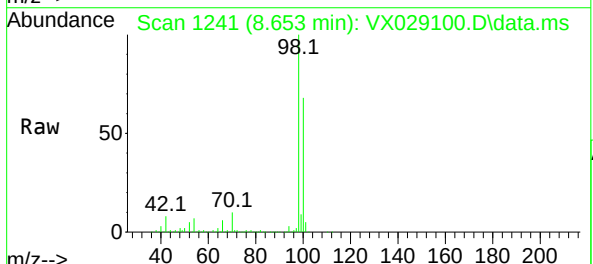
Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

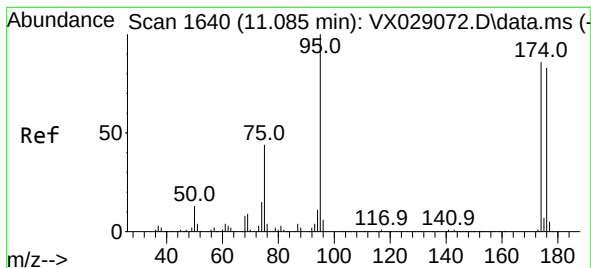
Tgt Ion:130 Resp: 111064
Ion Ratio Lower Upper
130 100
95 92.2 0.0 188.8



#50
Toluene-d8
Concen: 48.453 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029100.D
Acq: 01 Jun 2022 01:30

Tgt Ion: 98 Resp: 672921
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8

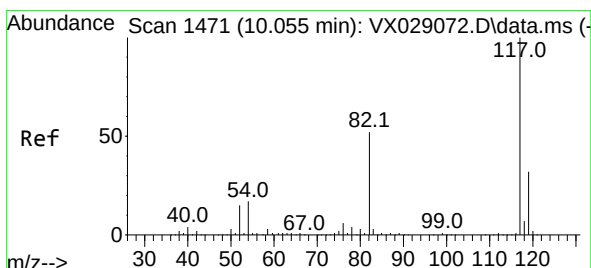
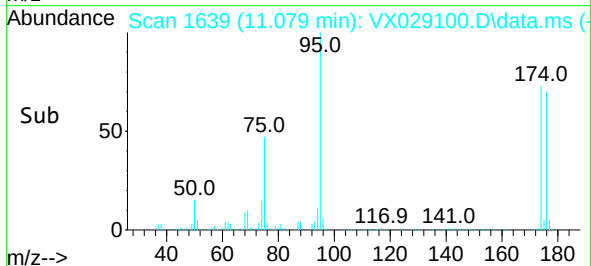
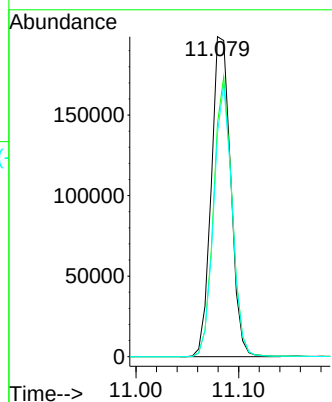
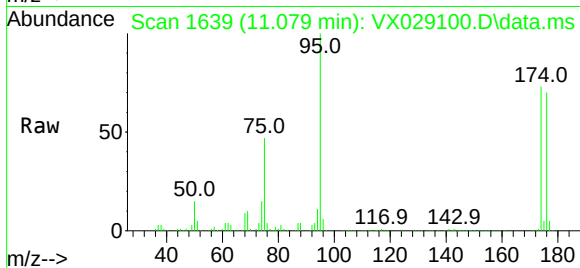




#62
4-Bromofluorobenzene
Concen: 48.537 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029100.D
Acq: 01 Jun 2022 01:30

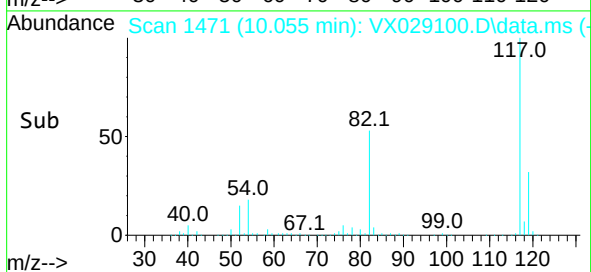
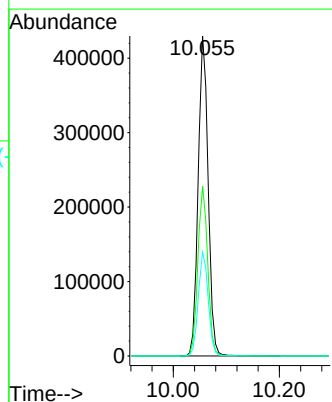
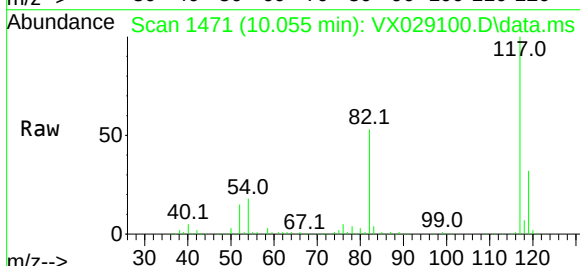
Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

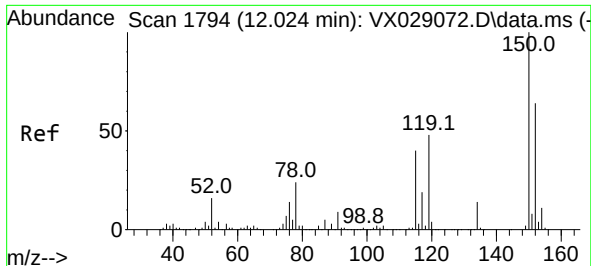
Tgt Ion: 95 Resp: 260573
Ion Ratio Lower Upper
95 100
174 83.0 0.0 163.0
176 80.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029100.D
Acq: 01 Jun 2022 01:30

Tgt Ion: 117 Resp: 558423
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.8
119 32.4 24.8 37.2

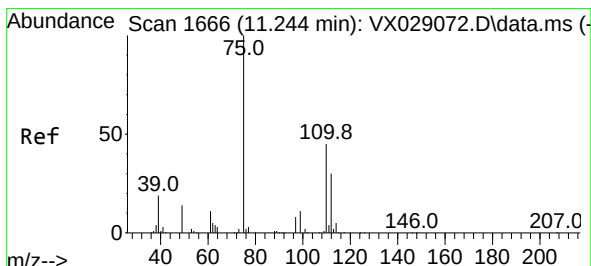
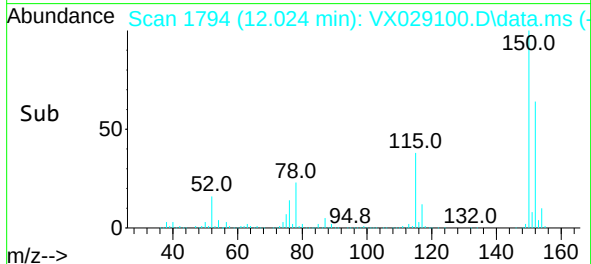
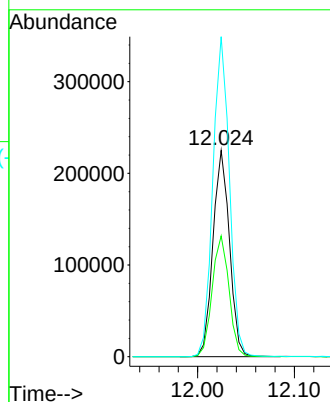
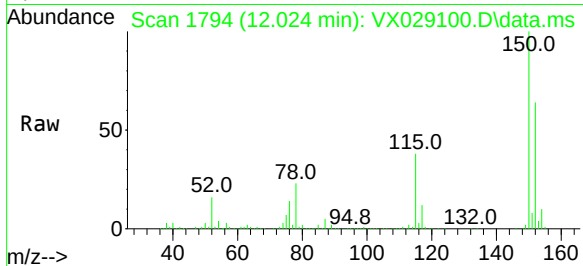




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029100.D
Acq: 01 Jun 2022 01:30

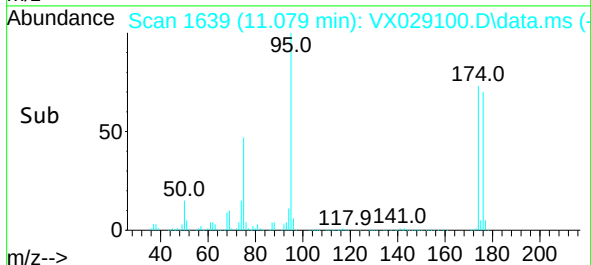
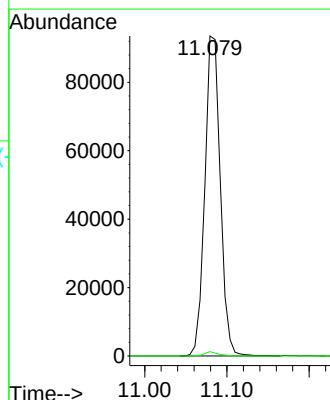
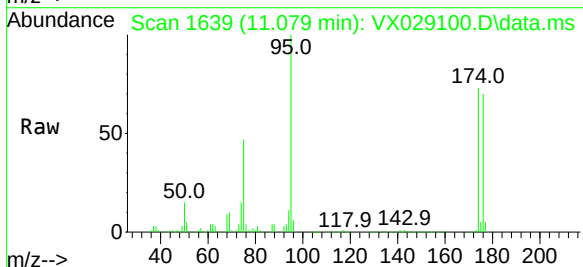
Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

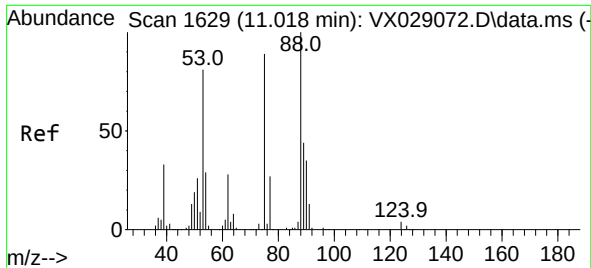
Tgt Ion:152 Resp: 266396
Ion Ratio Lower Upper
152 100
115 59.5 37.5 112.7
150 155.5 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.637 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029100.D
Acq: 01 Jun 2022 01:30

Tgt Ion: 75 Resp: 122246
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.412 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029100.D
 Acq: 01 Jun 2022 01:30

Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20220525

Tgt Ion: 75 Resp: 122246
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

