

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029101.D
 Acq On : 01 Jun 2022 01:53
 Operator : JC/MD
 Sample : N3022-05 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20220525

Quant Time: Jun 01 05:04:37 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)

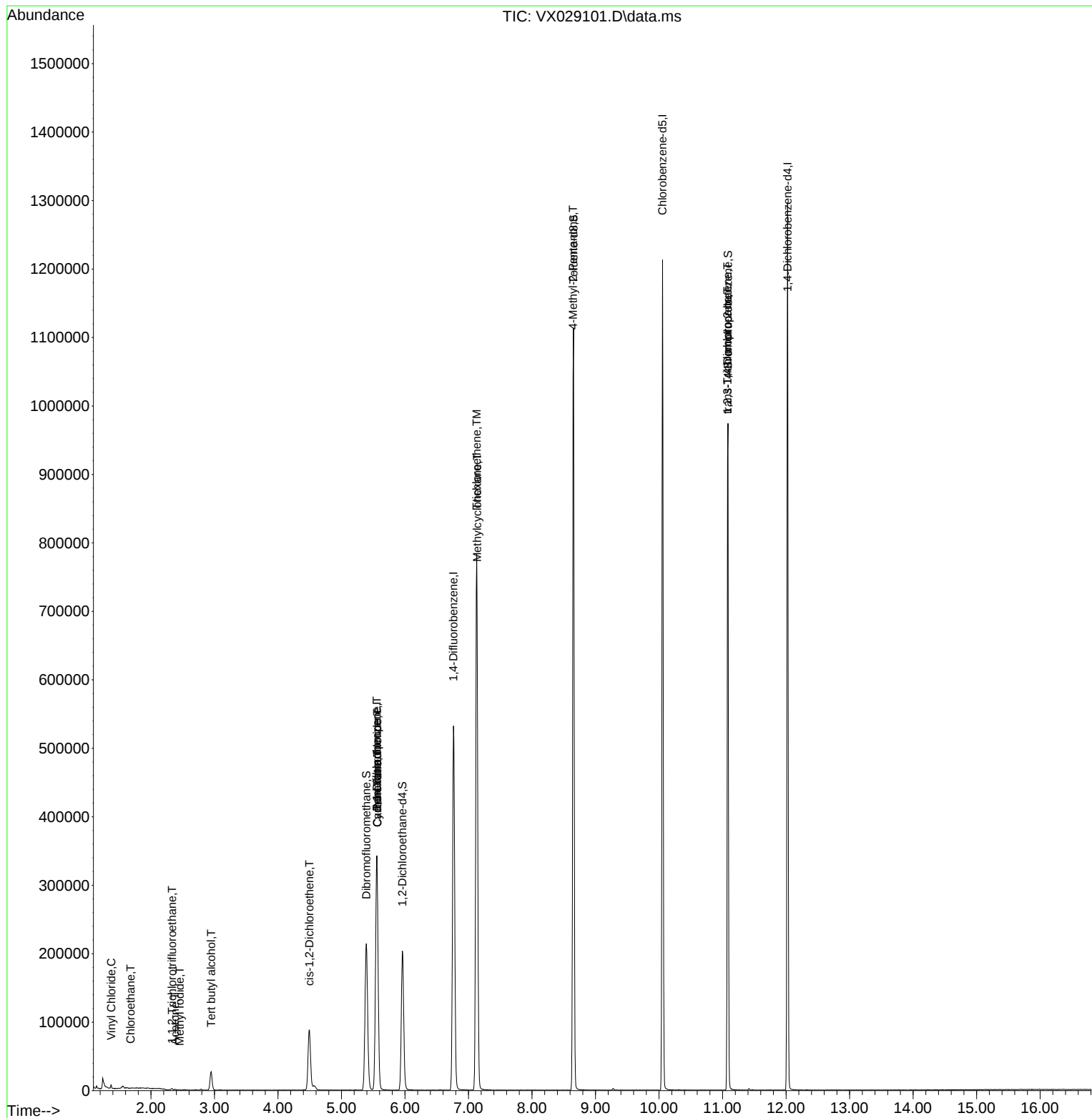
Internal Standards						
1) Pentafluorobenzene	5.556	168	340852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	584233	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	574909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	281158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	196706	51.178	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.360%	
35) Dibromofluoromethane	5.391	113	192897	49.708	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.420%	
50) Toluene-d8	8.653	98	689032	48.547	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.100%	
62) 4-Bromofluorobenzene	11.085	95	269072	49.044	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.080%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	3159	0.926	ug/l	100
5) Bromomethane	1.605	94	616	Below Cal		85
6) Chloroethane	1.679	64	277	1.495	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	858	0.273	ug/l #	91
10) Methyl Iodide	2.453	142	226	4.281	ug/l #	83
11) Tert butyl alcohol	2.947	59	15260	17.139	ug/l #	75
16) Acetone	2.380	43	1260	0.833	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	63142	15.277	ug/l	83
31) Cyclohexane	5.562	56	5524	1.105	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23273	4.661	ug/l #	49
38) Carbon Tetrachloride	5.562	117	33004	5.784	ug/l #	15
39) Methylcyclohexane	7.135	83	3453	0.559	ug/l #	1
44) Trichloroethene	7.129	130	331072	75.878	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	2260	0.449	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	127246	22.326	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	127246	65.499	ug/l #	15

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

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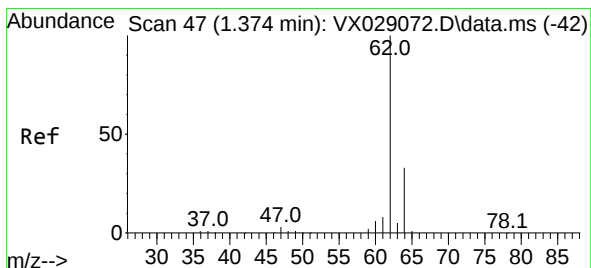
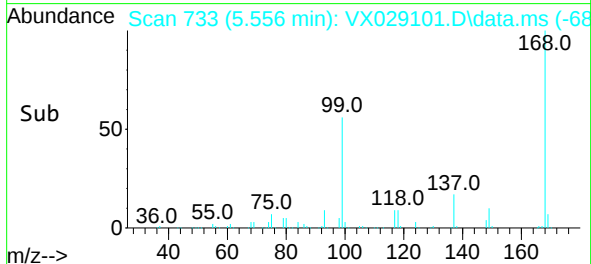
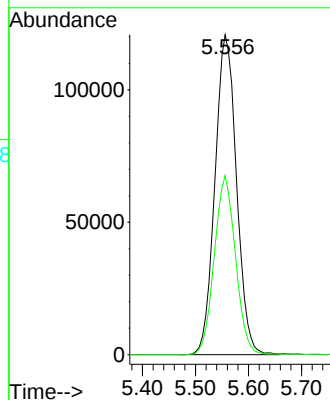
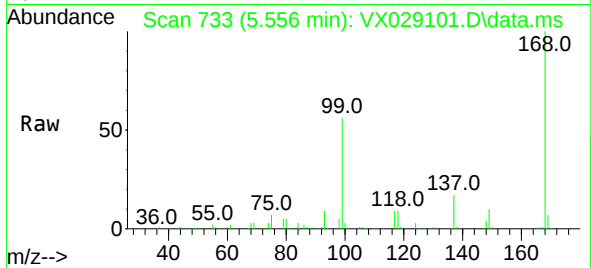




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

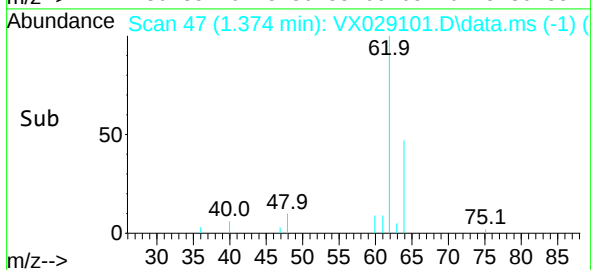
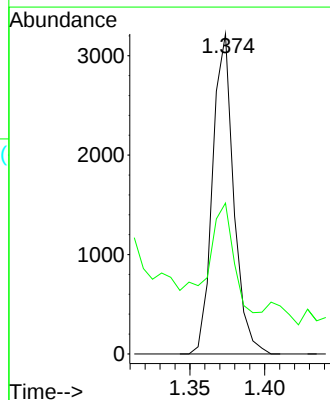
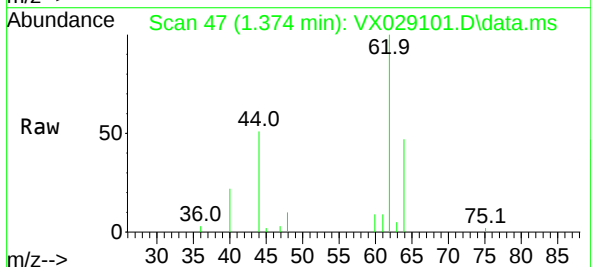
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

Tgt Ion:168 Resp: 340852
Ion Ratio Lower Upper
168 100
99 55.9 41.7 62.5



#4
Vinyl Chloride
Concen: 0.926 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

Tgt Ion: 62 Resp: 3159
Ion Ratio Lower Upper
62 100
64 32.2 25.5 38.3

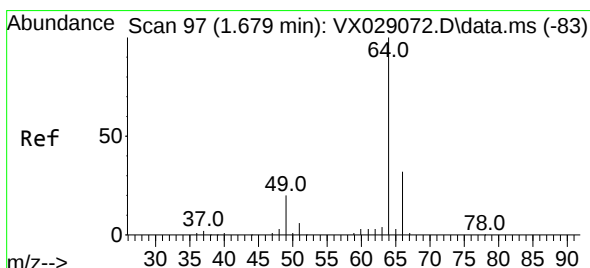
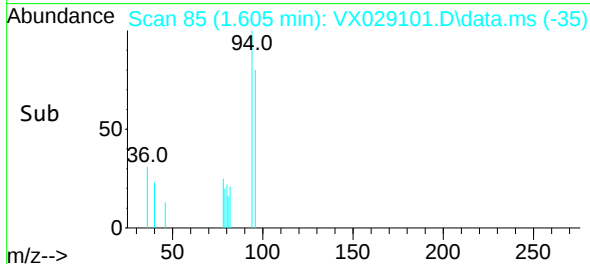
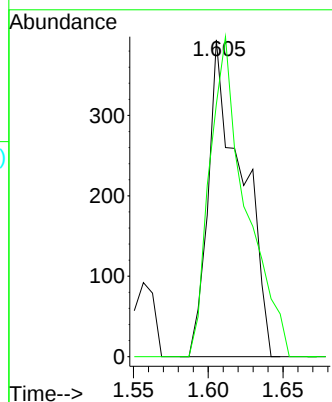
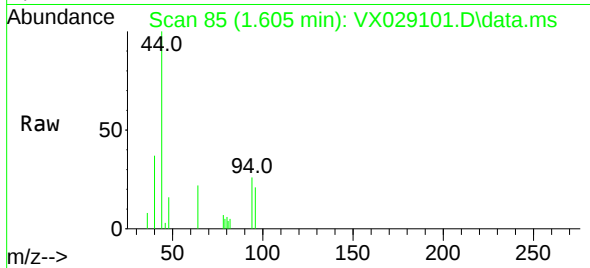




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

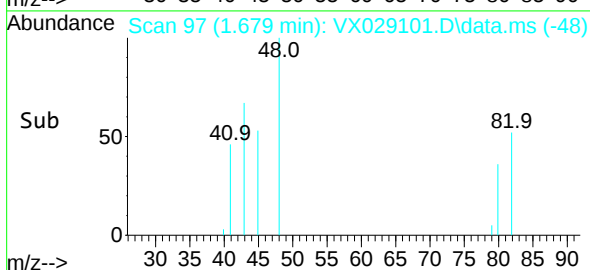
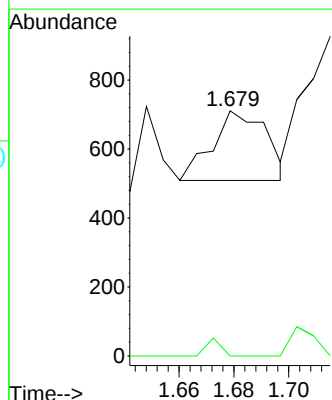
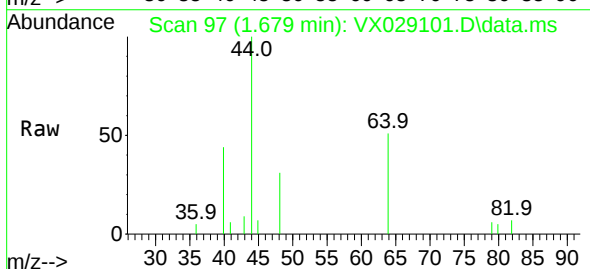
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

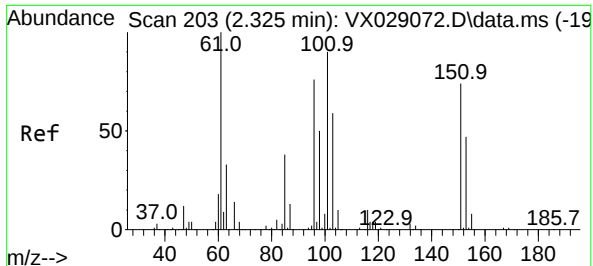
Tgt Ion: 94 Resp: 616
Ion Ratio Lower Upper
94 100
96 79.7 75.3 112.9



#6
Chloroethane
Concen: 1.495 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

Tgt Ion: 64 Resp: 277
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

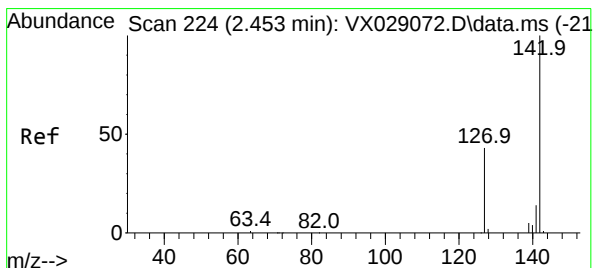
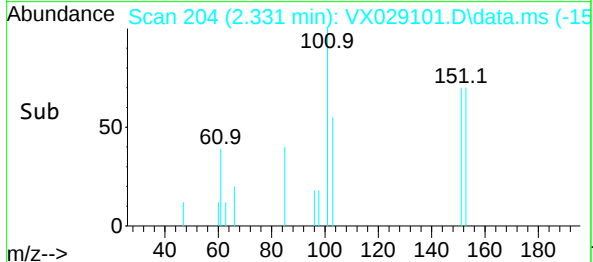
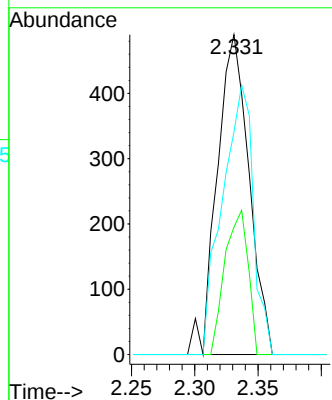
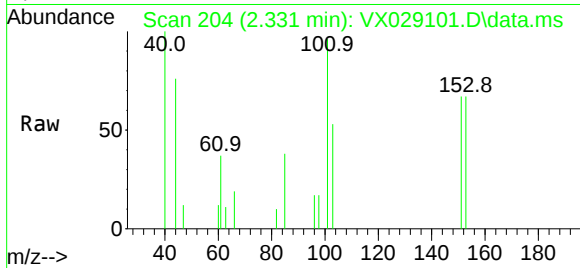




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.273 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

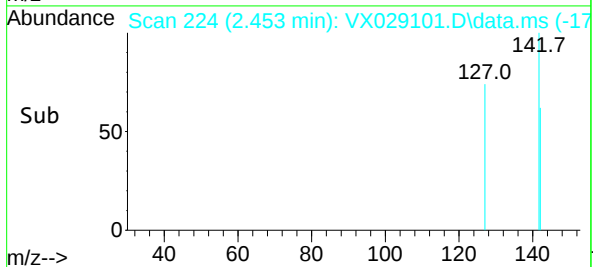
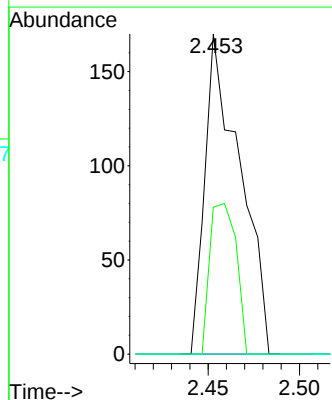
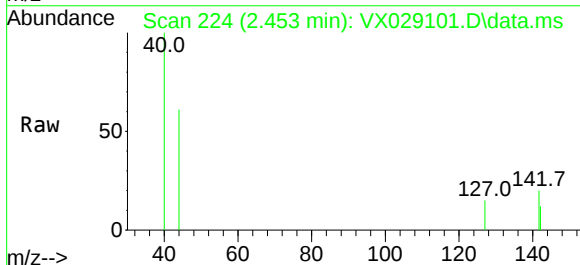
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

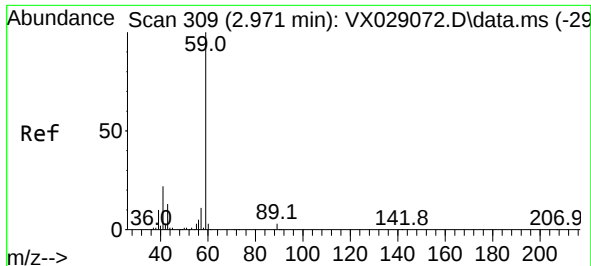
Tgt Ion:101 Resp: 858
Ion Ratio Lower Upper
101 100
85 32.8 33.5 50.3#
151 81.8 61.8 92.6



#10
Methyl Iodide
Concen: 4.281 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

Tgt Ion:142 Resp: 226
Ion Ratio Lower Upper
142 100
127 35.4 33.9 50.9
141 0.0 11.4 17.2#

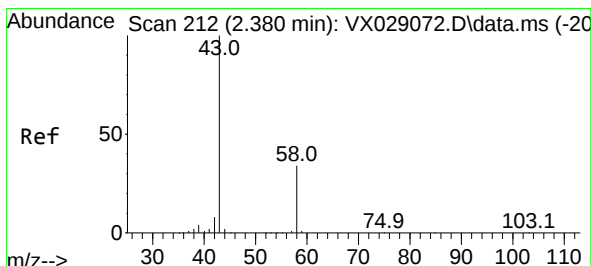
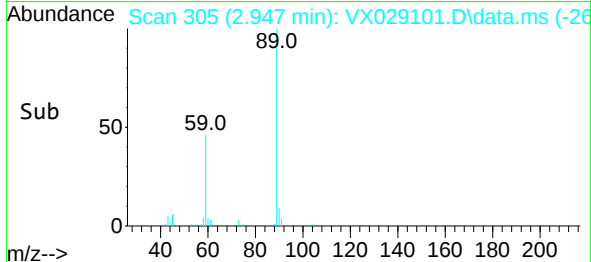
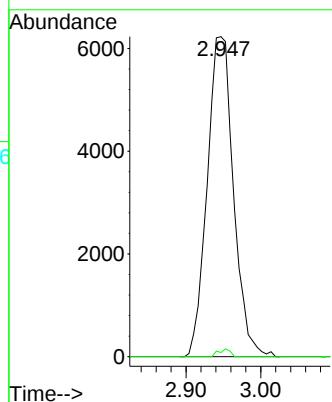
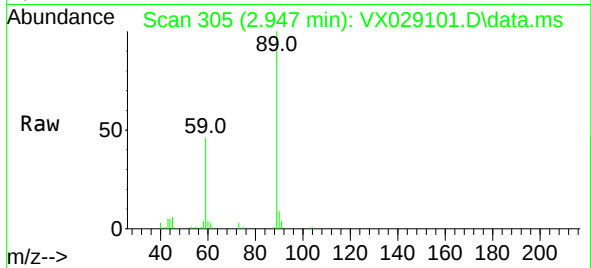




#11
Tert butyl alcohol
Concen: 17.139 ug/l
RT: 2.947 min Scan# 309
Delta R.T. -0.024 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

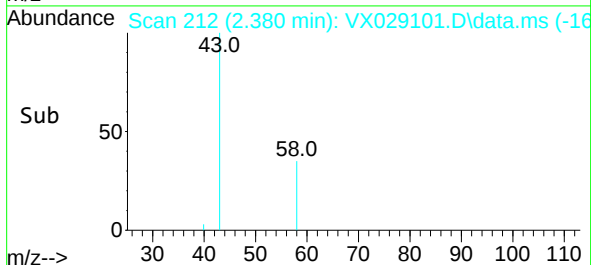
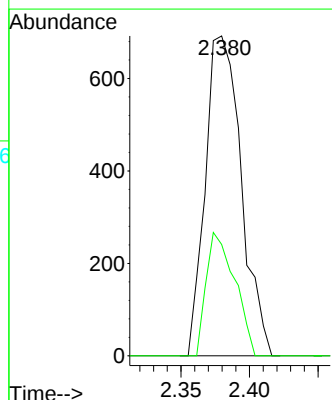
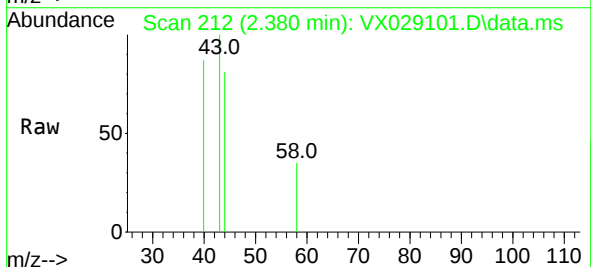
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

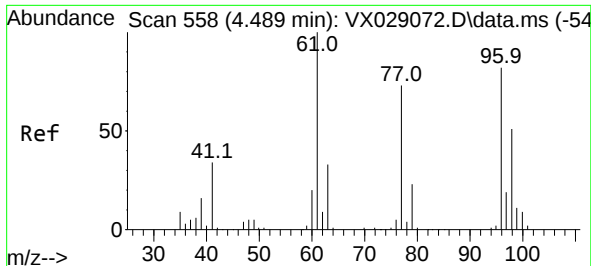
Tgt Ion: 59 Resp: 15260
Ion Ratio Lower Upper
59 100
57 1.1 8.3 12.5#



#16
Acetone
Concen: 0.833 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

Tgt Ion: 43 Resp: 1260
Ion Ratio Lower Upper
43 100
58 34.8 28.8 43.2





#27

cis-1,2-Dichloroethene

Concen: 15.277 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX029101.D

Acq: 01 Jun 2022 01:53

Instrument :

MSVOA_X

ClientSampleId :

56BR-20220525

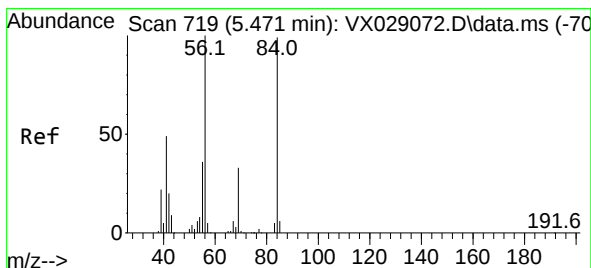
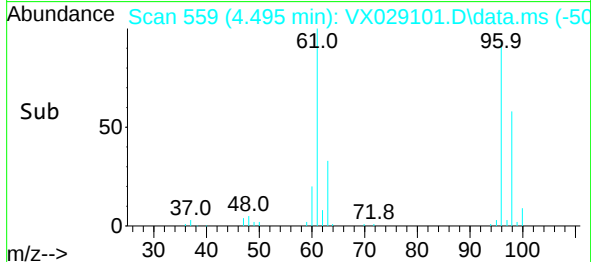
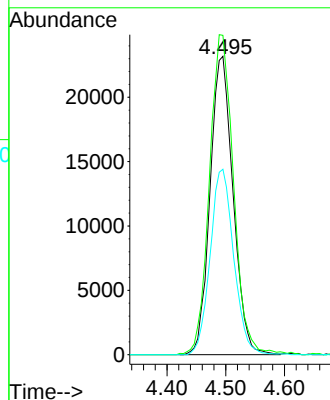
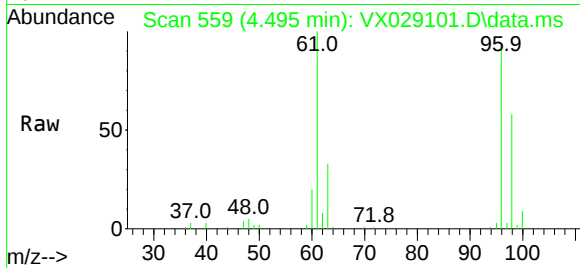
Tgt Ion: 96 Resp: 63142

Ion Ratio Lower Upper

96 100

61 112.3 0.0 283.8

98 63.7 0.0 129.8



#31

Cyclohexane

Concen: 1.105 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX029101.D

Acq: 01 Jun 2022 01:53

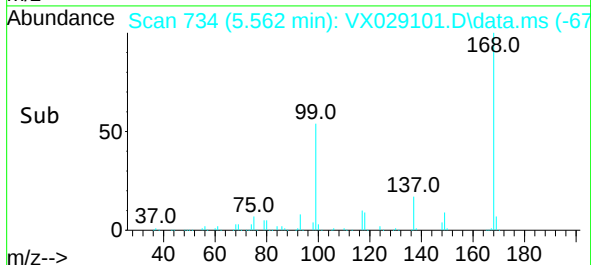
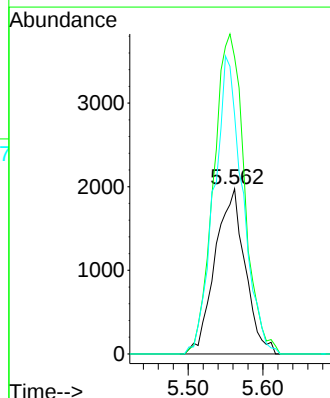
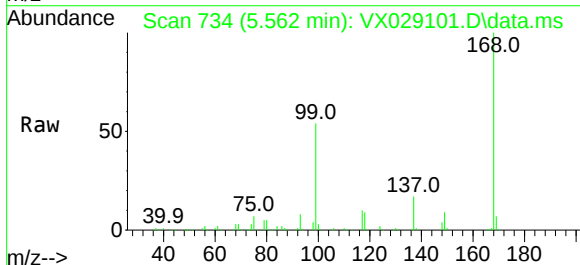
Tgt Ion: 56 Resp: 5524

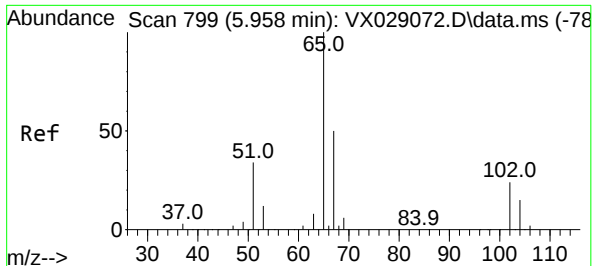
Ion Ratio Lower Upper

56 100

69 179.7 26.7 40.1#

84 144.9 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 51.178 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029101.D

Acq: 01 Jun 2022 01:53

Instrument :

MSVOA_X

ClientSampleId :

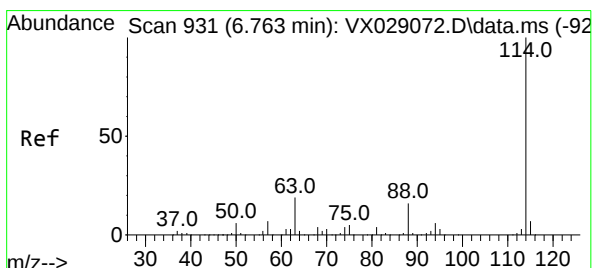
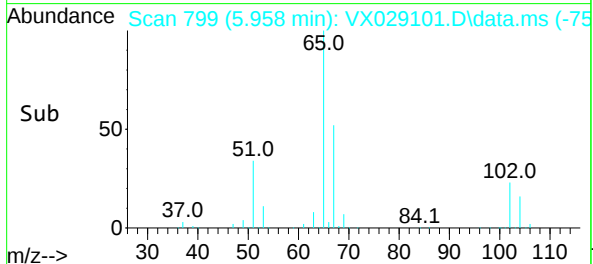
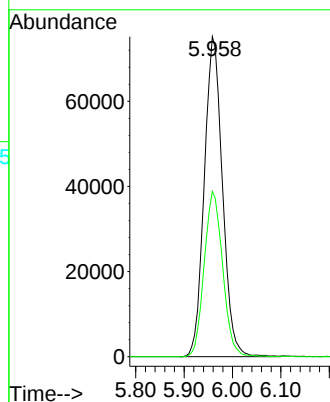
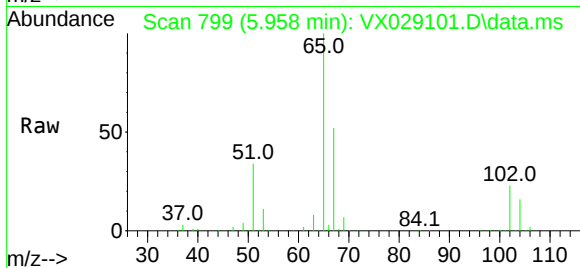
56BR-20220525

Tgt Ion: 65 Resp: 196706

Ion Ratio Lower Upper

65 100

67 52.4 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: VX029101.D

Acq: 01 Jun 2022 01:53

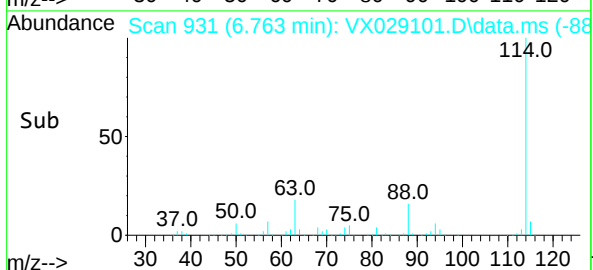
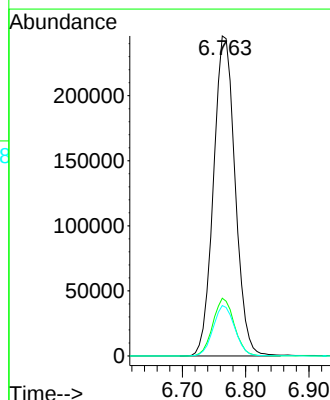
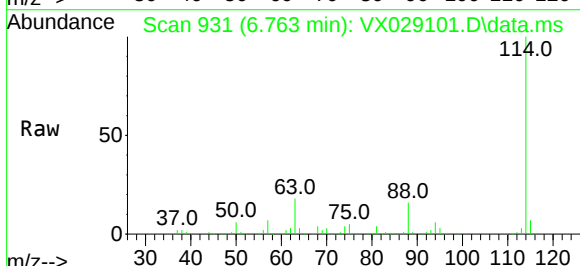
Tgt Ion: 114 Resp: 584233

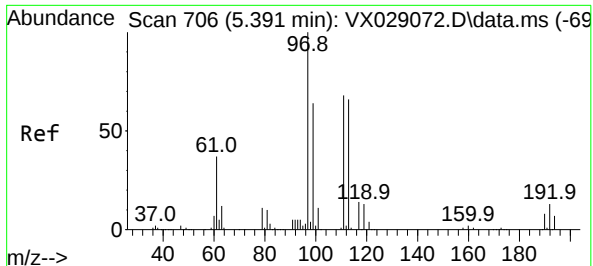
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 15.7 0.0 32.4

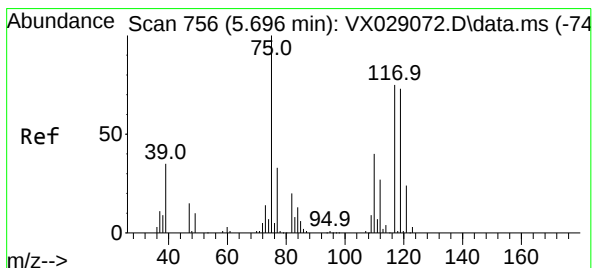
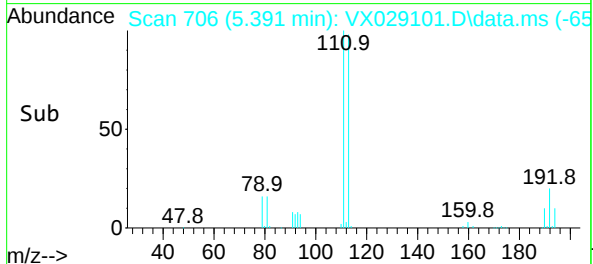
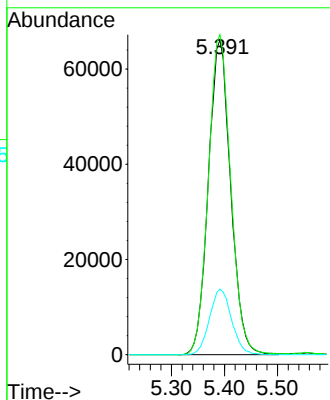
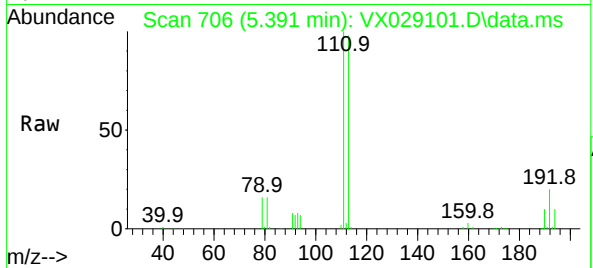




#35
Dibromofluoromethane
Concen: 49.708 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

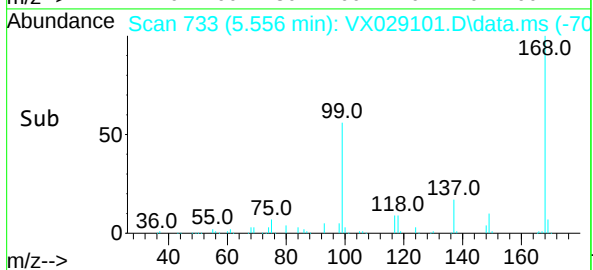
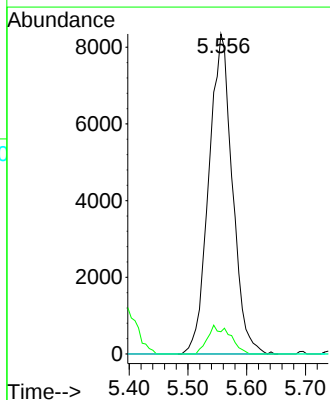
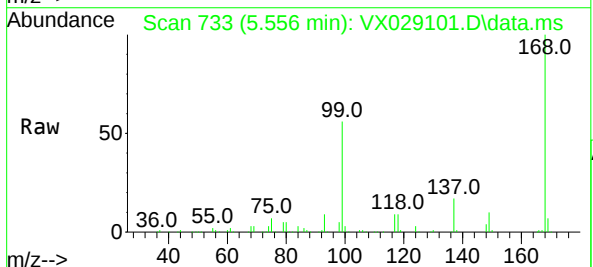
Instrument :
MSVOA_X
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56BR-20220525

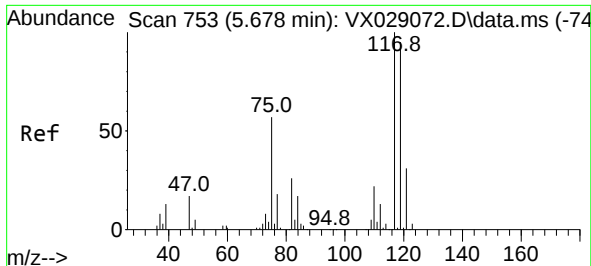
Tgt Ion:113 Resp: 192897
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 20.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.661 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

Tgt Ion: 75 Resp: 23273
Ion Ratio Lower Upper
75 100
110 8.6 18.3 54.8#
77 0.0 24.8 37.2#

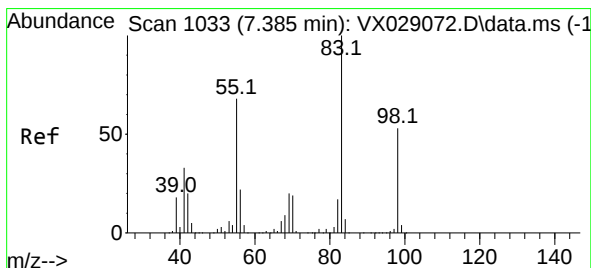
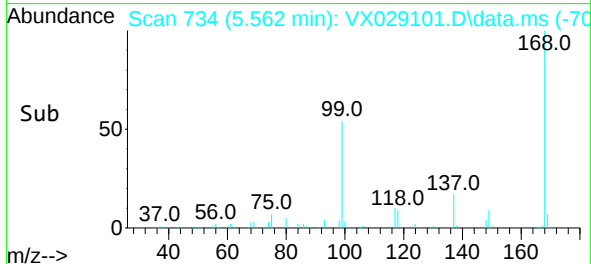
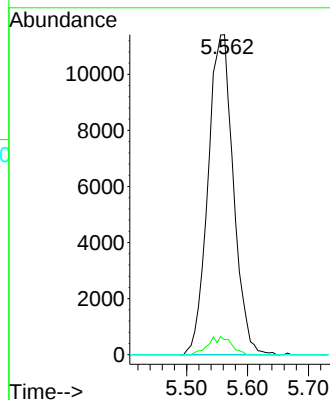
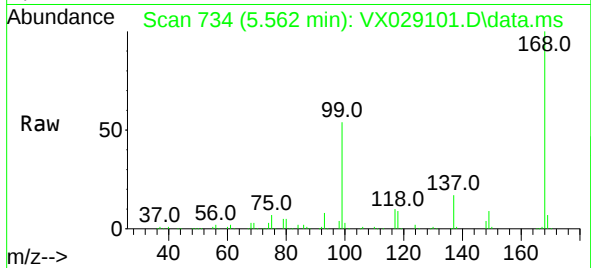




#38
Carbon Tetrachloride
Concen: 5.784 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

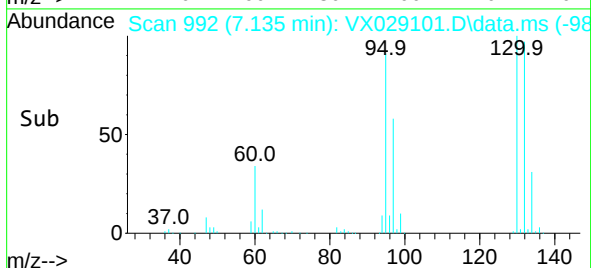
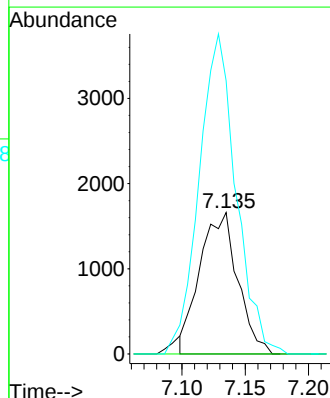
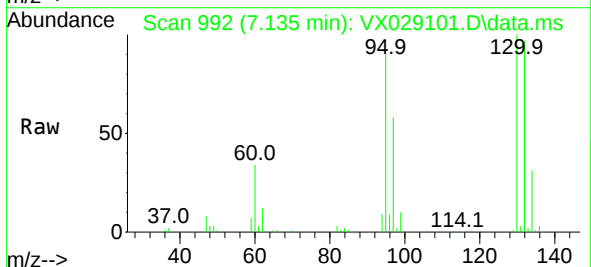
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

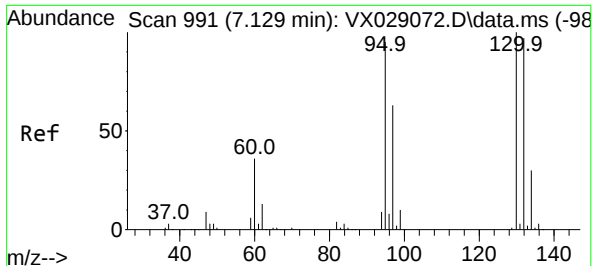
Tgt Ion:117 Resp: 33004
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.559 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

Tgt Ion: 83 Resp: 3453
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 189.3 37.4 56.2#

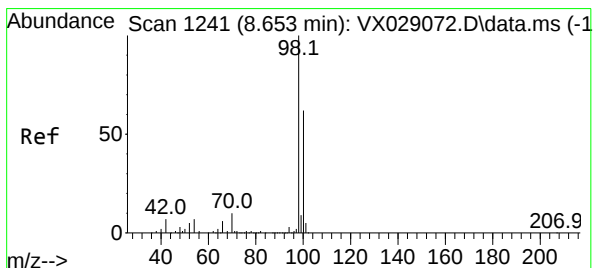
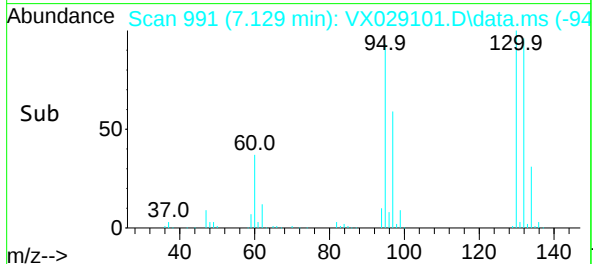
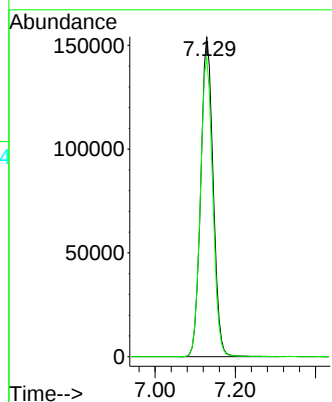
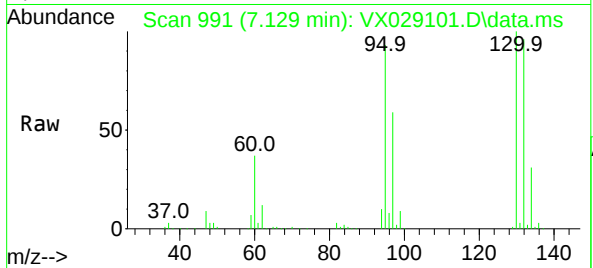




#44
Trichloroethene
Concen: 75.878 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

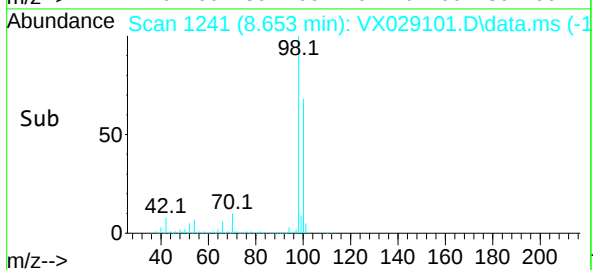
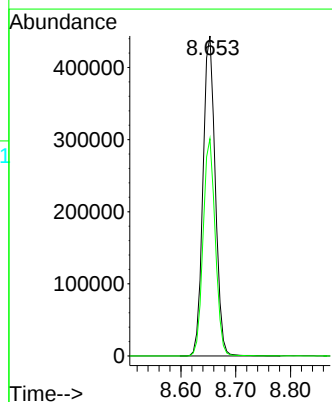
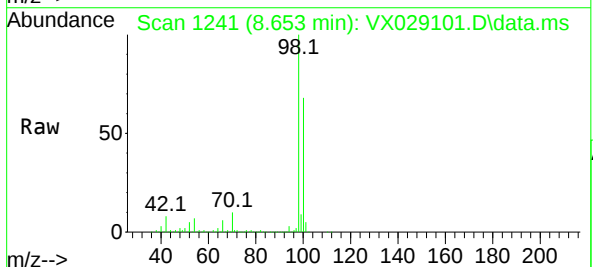
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

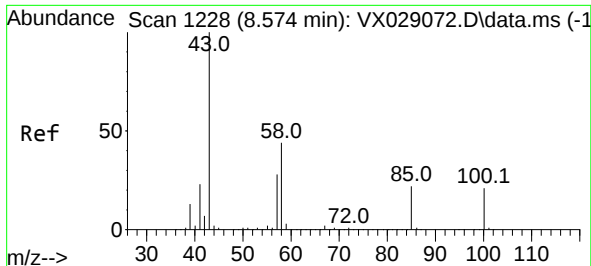
Tgt Ion:130 Resp: 331072
Ion Ratio Lower Upper
130 100
95 93.4 0.0 188.8



#50
Toluene-d8
Concen: 48.547 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

Tgt Ion: 98 Resp: 689032
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8

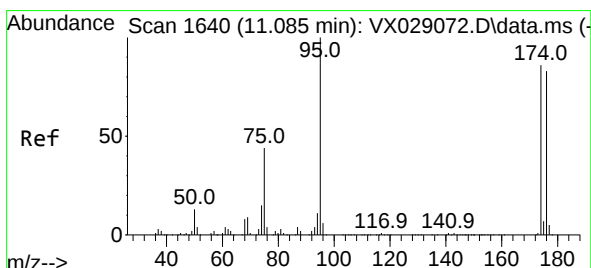
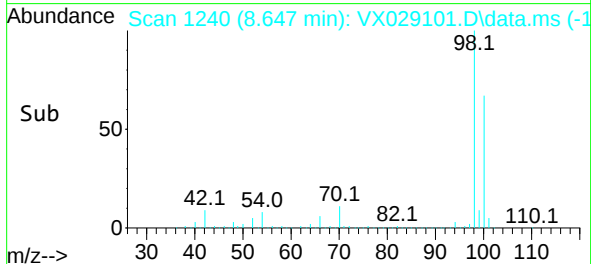
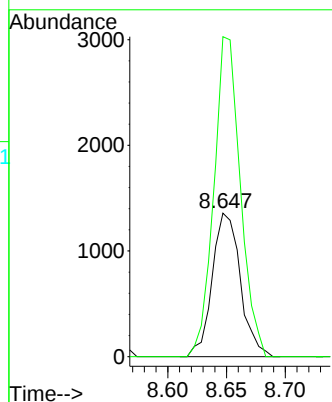
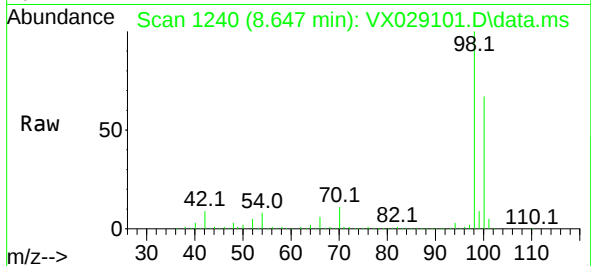




#51
4-Methyl-2-Pentanone
Concen: 0.449 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

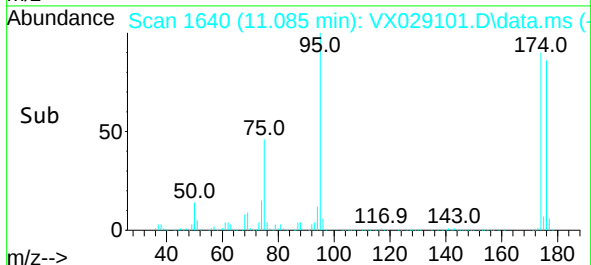
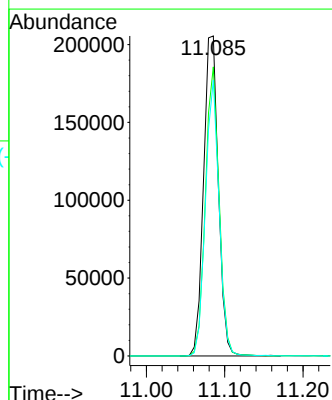
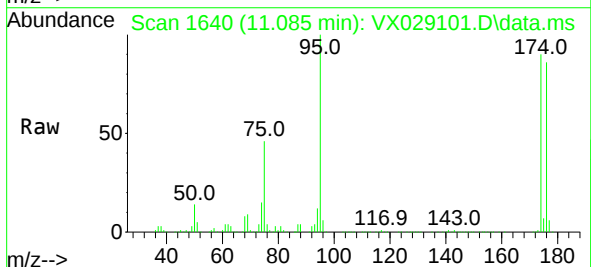
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

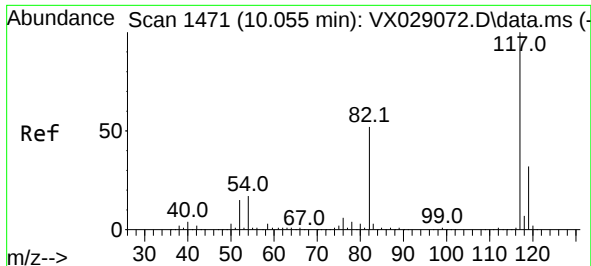
Tgt Ion: 43 Resp: 2260
Ion Ratio Lower Upper
43 100
58 210.2 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 49.044 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

Tgt Ion: 95 Resp: 269072
Ion Ratio Lower Upper
95 100
174 84.2 0.0 163.0
176 79.7 0.0 155.0

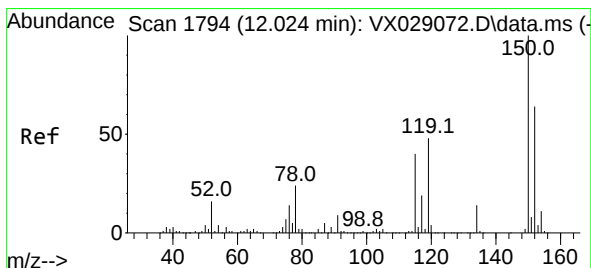
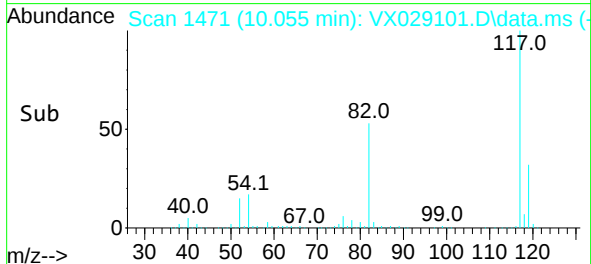
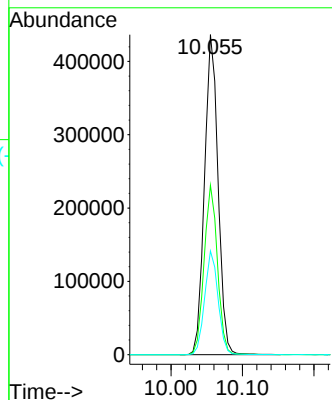
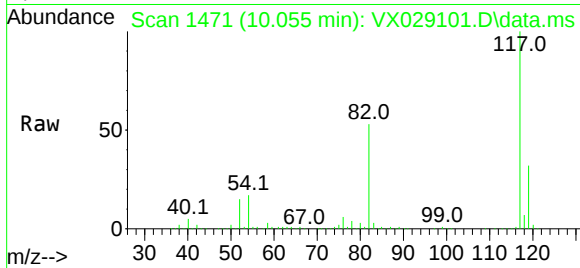




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

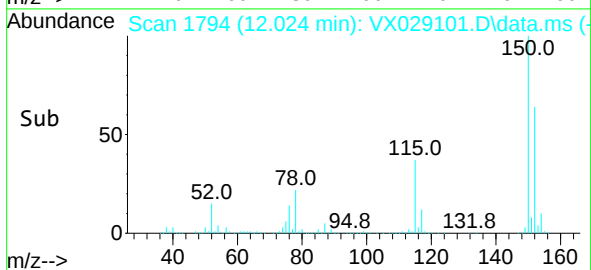
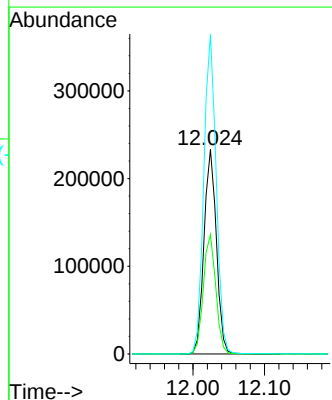
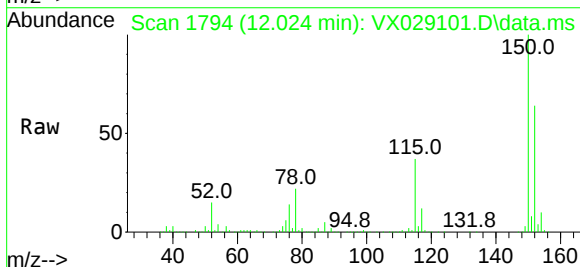
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

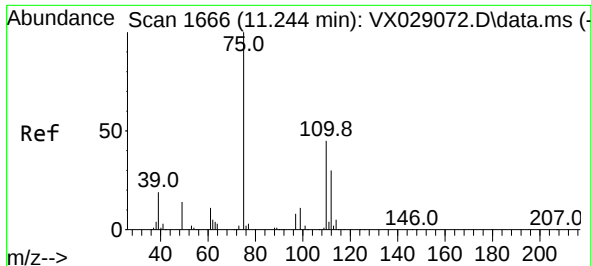
Tgt Ion:117 Resp: 574909
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.8
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

Tgt Ion:152 Resp: 281158
Ion Ratio Lower Upper
152 100
115 58.7 37.5 112.7
150 156.2 0.0 338.2

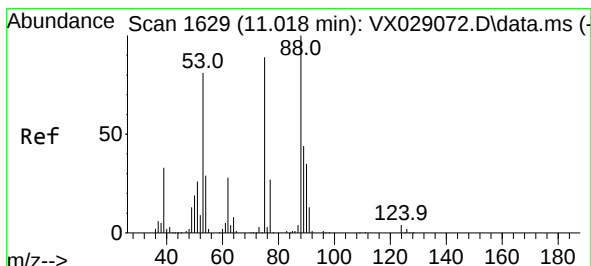
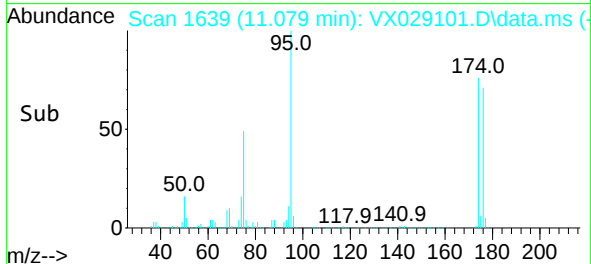
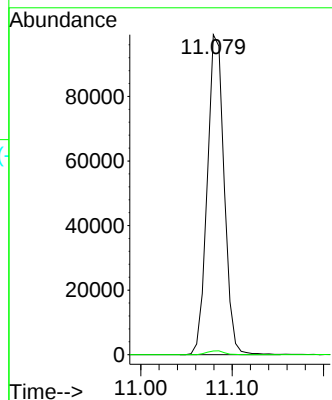
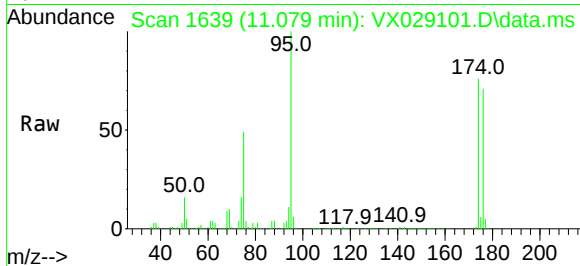




#76
1,2,3-Trichloropropane
Concen: 22.326 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

Tgt Ion: 75 Resp: 127246
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.499 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029101.D
Acq: 01 Jun 2022 01:53

Tgt Ion: 75 Resp: 127246
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

