

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029152.D
 Acq On : 02 Jun 2022 21:46
 Operator : JC/MD
 Sample : N3022-05 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20220525

Quant Time: Jun 03 04:34:57 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)

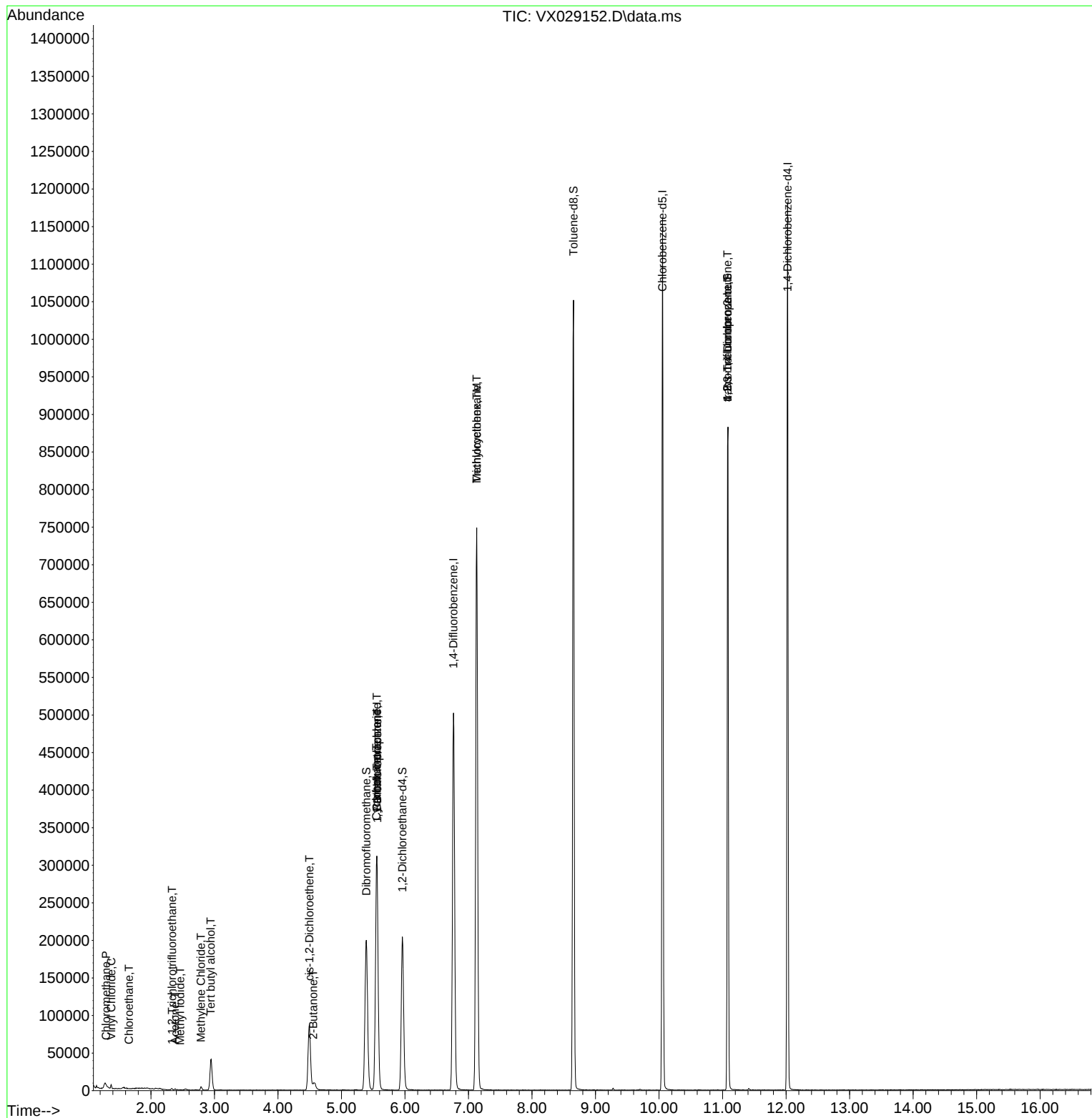
Internal Standards						
1) Pentafluorobenzene	5.556	168	293061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	542340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	528395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	245447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194469	58.847	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.700%			
35) Dibromofluoromethane	5.391	113	179274	49.766	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.540%			
50) Toluene-d8	8.653	98	639526	48.540	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.080%			
62) 4-Bromofluorobenzene	11.079	95	254468	49.965	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.920%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	560	0.210	ug/l #	42
4) Vinyl Chloride	1.374	62	2715	0.926	ug/l	89
5) Bromomethane	1.611	94	528	Below Cal	#	74
6) Chloroethane	1.654	64	592	1.628	ug/l #	43
9) 1,1,2-Trichlorotrifluoro...	2.331	101	667	0.247	ug/l #	80
10) Methyl Iodide	2.459	142	207	4.284	ug/l #	68
11) Tert butyl alcohol	2.941	59	23807	31.098	ug/l #	75
16) Acetone	2.380	43	1507	1.158	ug/l #	87
20) Methylene Chloride	2.788	84	2001	0.660	ug/l	97
25) 2-Butanone	4.556	43	691	0.329	ug/l #	44
27) cis-1,2-Dichloroethene	4.495	96	59456	16.731	ug/l	85
31) Cyclohexane	5.550	56	5541	1.290	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	22465	4.847	ug/l #	49
38) Carbon Tetrachloride	5.556	117	30273	5.715	ug/l #	15
39) Methylcyclohexane	7.129	83	3526	0.615	ug/l #	1
44) Trichloroethene	7.129	130	300245	74.112	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	123195	24.760	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	123195	72.640	ug/l #	15

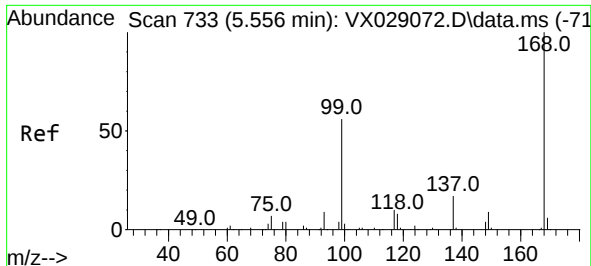
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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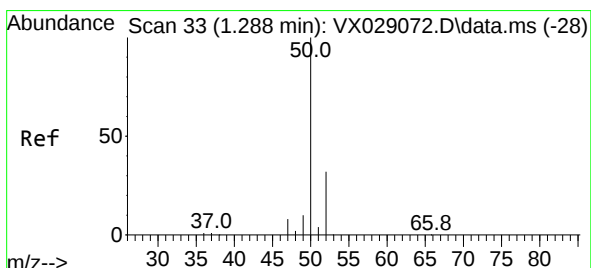
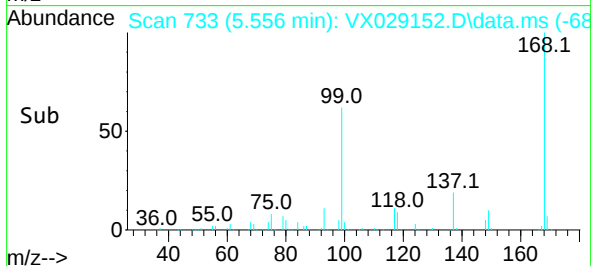
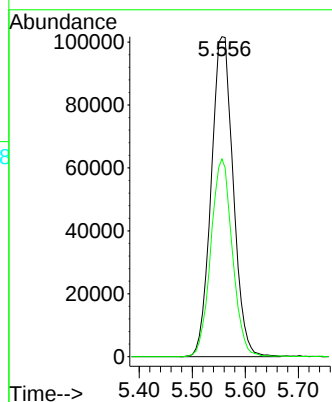
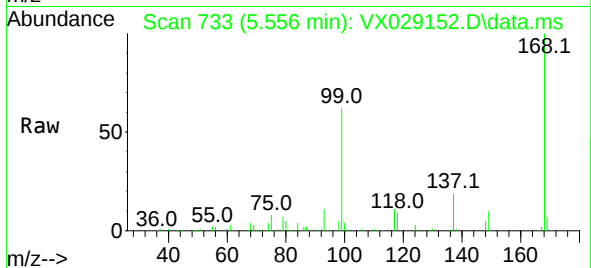




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

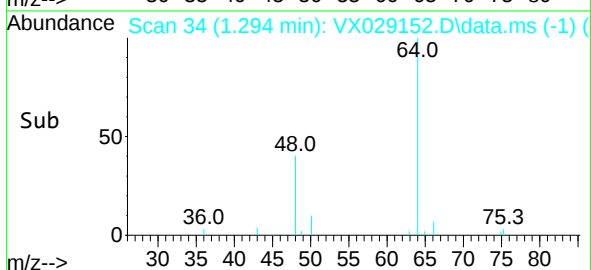
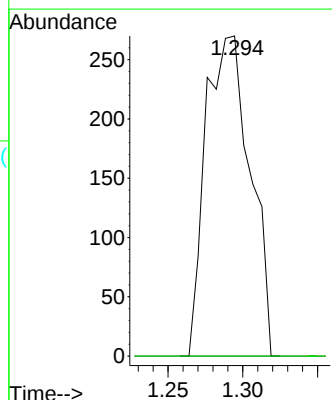
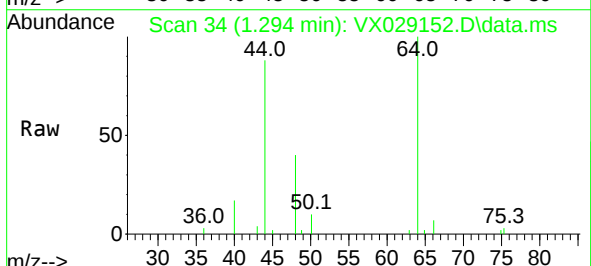
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

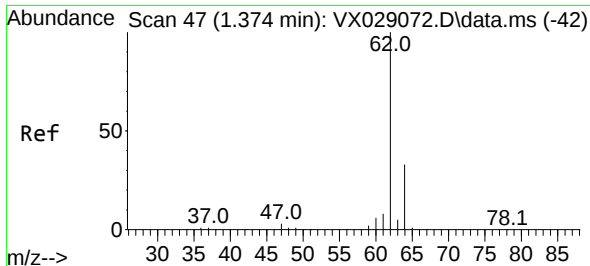
Tgt Ion:168 Resp: 293061
Ion Ratio Lower Upper
168 100
99 61.8 41.7 62.5



#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

Tgt Ion: 50 Resp: 560
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

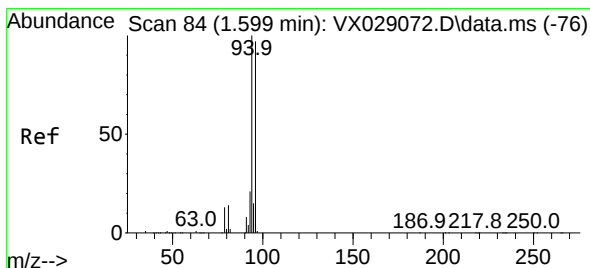
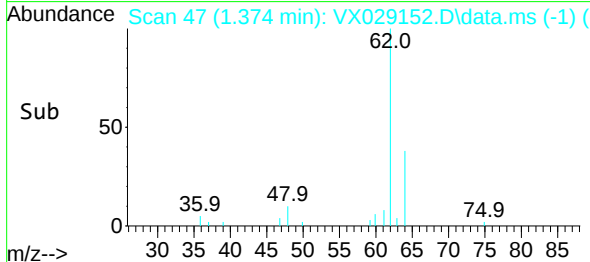
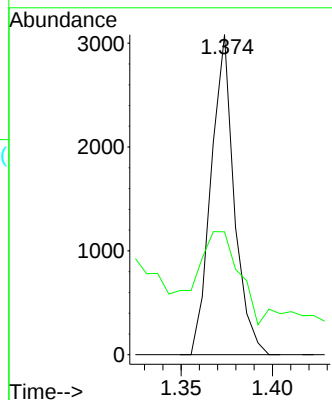
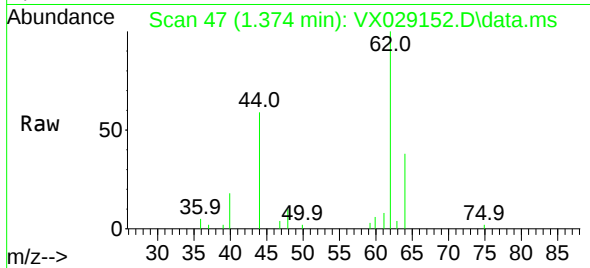




#4
 Vinyl Chloride
 Concen: 0.926 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029152.D
 Acq: 02 Jun 2022 21:46

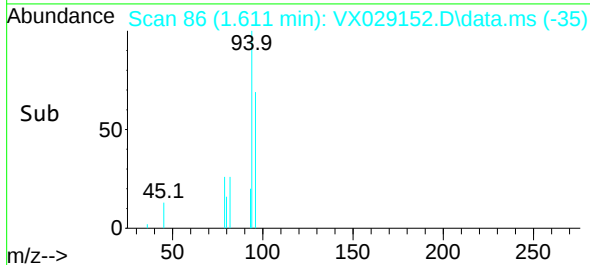
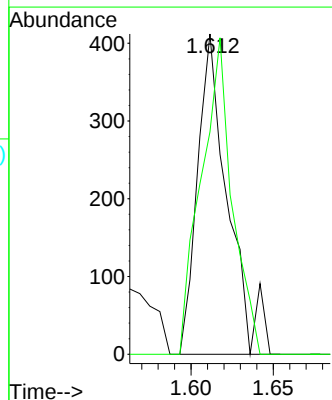
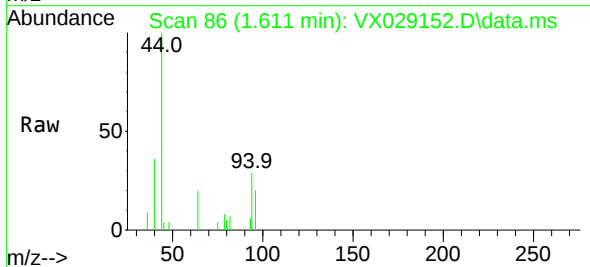
Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20220525

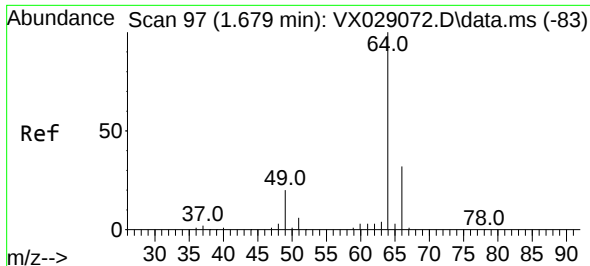
Tgt Ion: 62 Resp: 2715
 Ion Ratio Lower Upper
 62 100
 64 25.6 25.5 38.3



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.611 min Scan# 86
 Delta R.T. 0.012 min
 Lab File: VX029152.D
 Acq: 02 Jun 2022 21:46

Tgt Ion: 94 Resp: 528
 Ion Ratio Lower Upper
 94 100
 96 69.4 75.3 112.9#

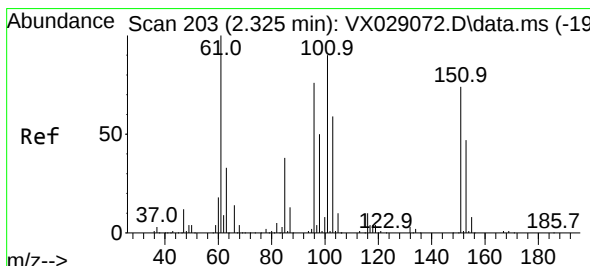
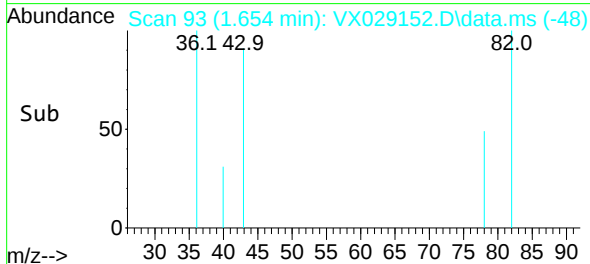
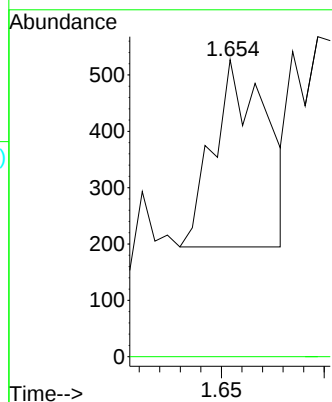
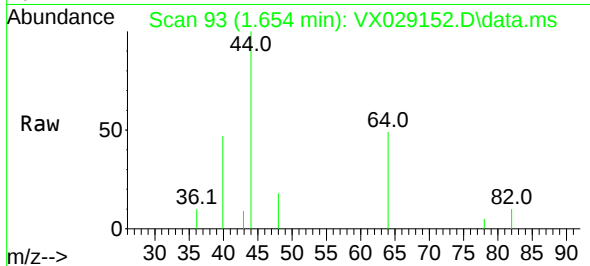




#6
Chloroethane
Concen: 1.628 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.025 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

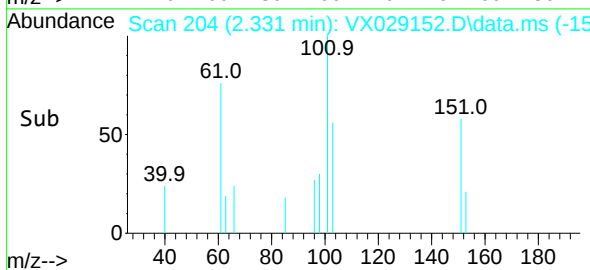
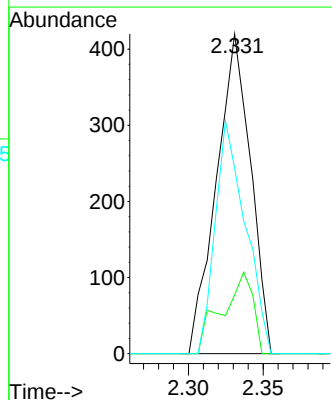
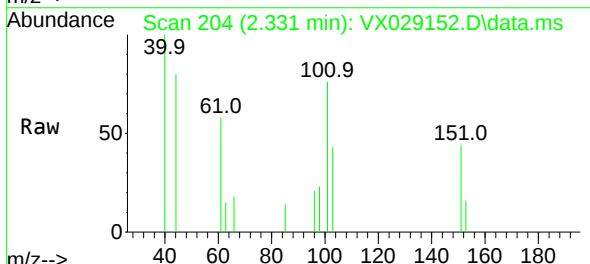
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

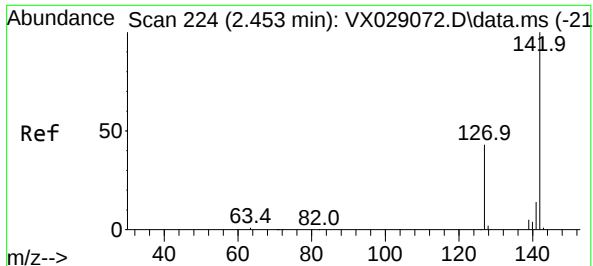
Tgt Ion: 64 Resp: 592
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.247 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

Tgt Ion: 101 Resp: 667
Ion Ratio Lower Upper
101 100
85 23.1 33.5 50.3#
151 64.2 61.8 92.6

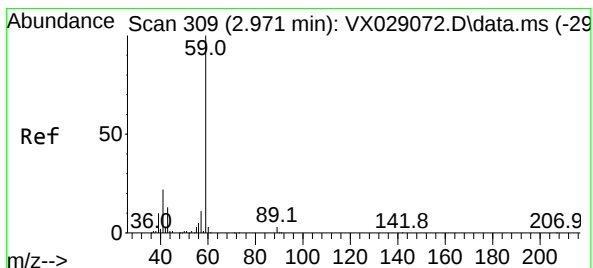
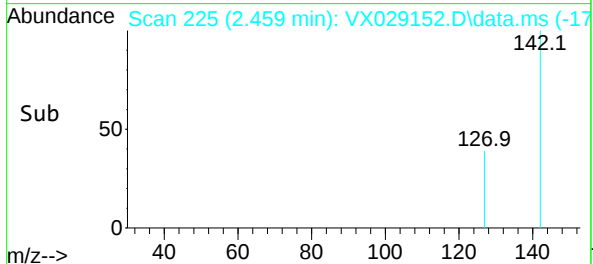
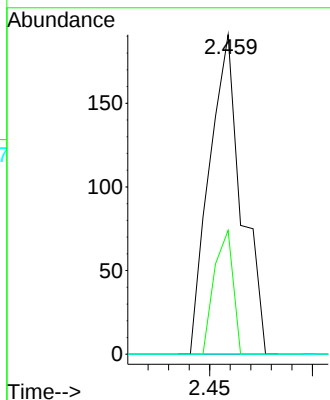
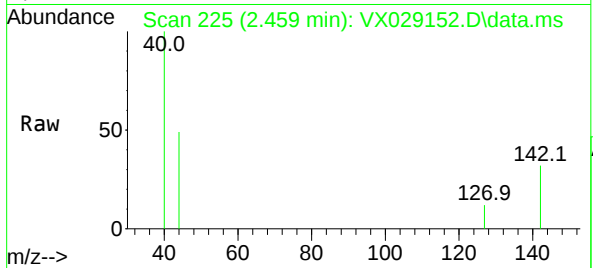




#10
Methyl Iodide
Concen: 4.284 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

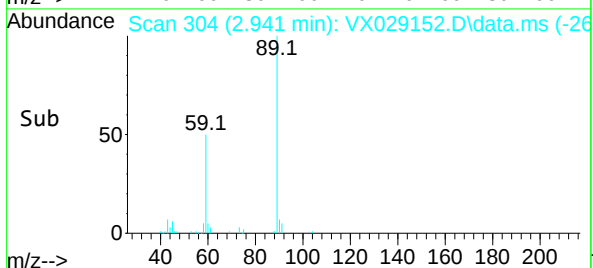
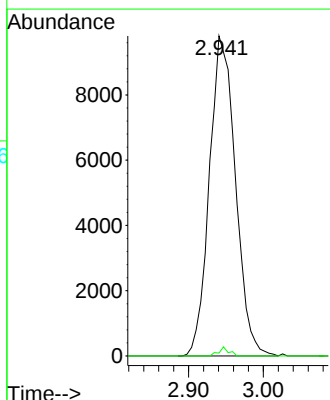
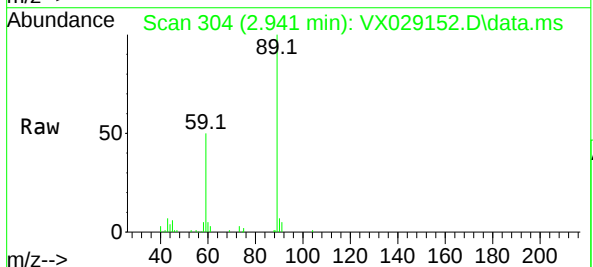
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

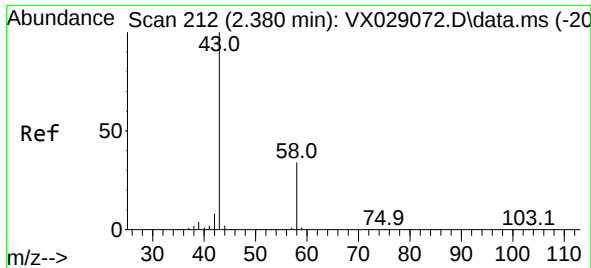
Tgt Ion:142 Resp: 207
Ion Ratio Lower Upper
142 100
127 22.7 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 31.098 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.030 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

Tgt Ion: 59 Resp: 23807
Ion Ratio Lower Upper
59 100
57 1.1 8.3 12.5#

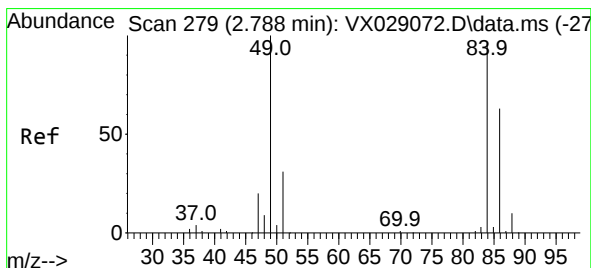
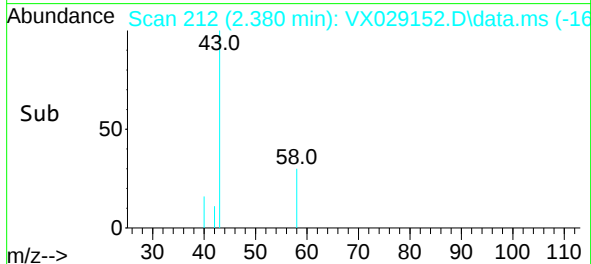
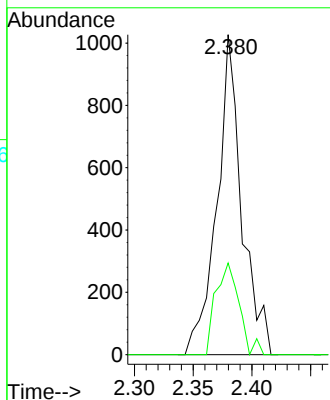
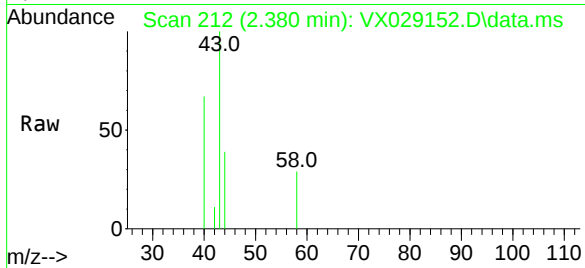




#16
Acetone
Concen: 1.158 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

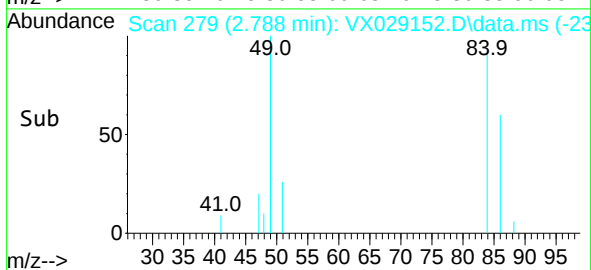
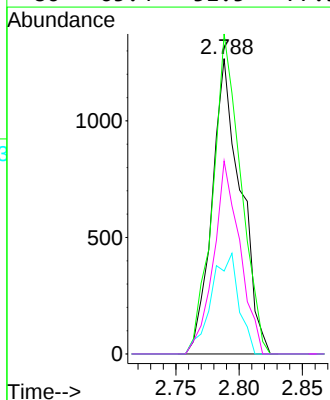
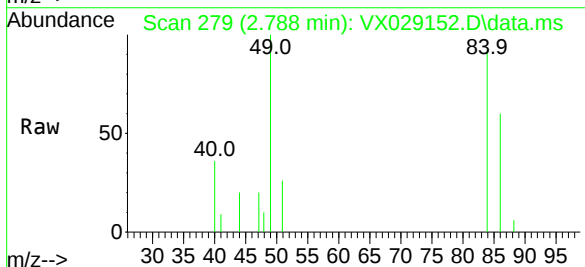
Instrument :
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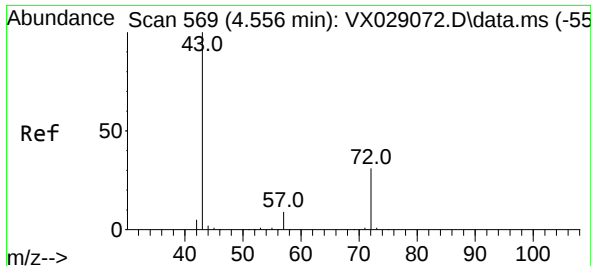
Tgt Ion: 43 Resp: 1507
Ion Ratio Lower Upper
43 100
58 28.6 28.8 43.2#



#20
Methylene Chloride
Concen: 0.660 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

Tgt Ion: 84 Resp: 2001
Ion Ratio Lower Upper
84 100
49 108.4 85.5 128.3
51 28.1 26.6 39.8
86 65.4 51.5 77.3





#25

2-Butanone

Concen: 0.329 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX029152.D

Acq: 02 Jun 2022 21:46

Instrument :

MSVOA_X

ClientSampleId :

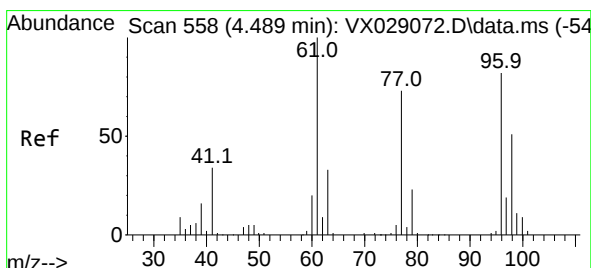
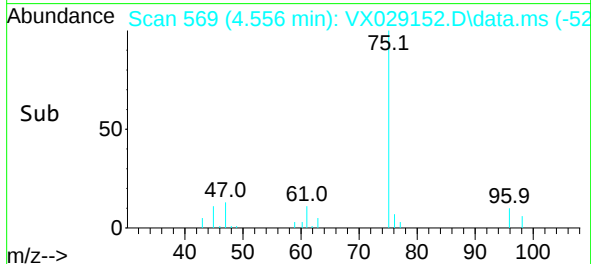
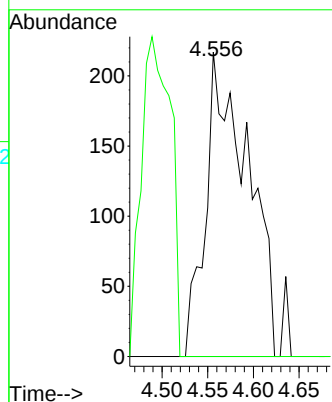
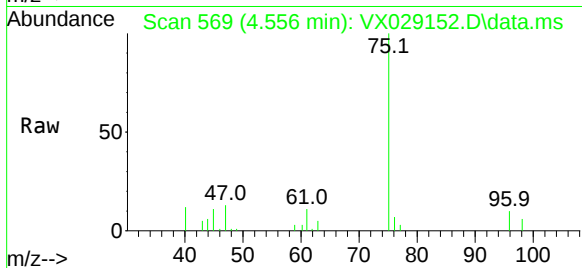
56BR-20220525

Tgt Ion: 43 Resp: 691

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#27

cis-1,2-Dichloroethene

Concen: 16.731 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX029152.D

Acq: 02 Jun 2022 21:46

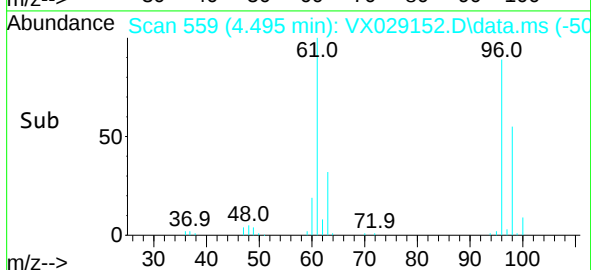
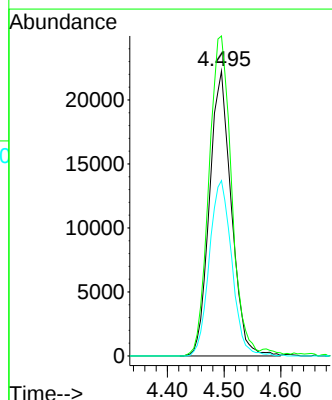
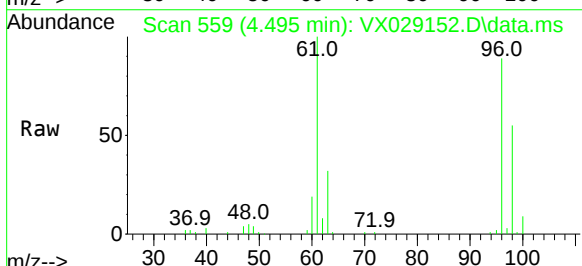
Tgt Ion: 96 Resp: 59456

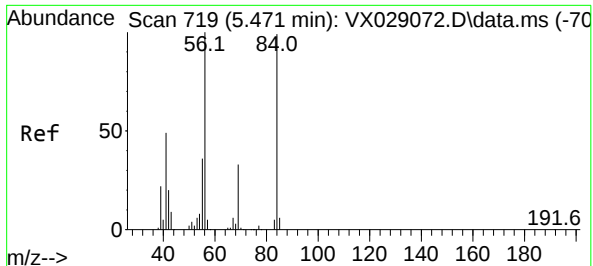
Ion Ratio Lower Upper

96 100

61 116.4 0.0 283.8

98 63.2 0.0 129.8

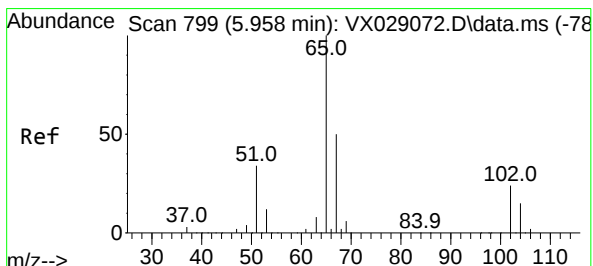
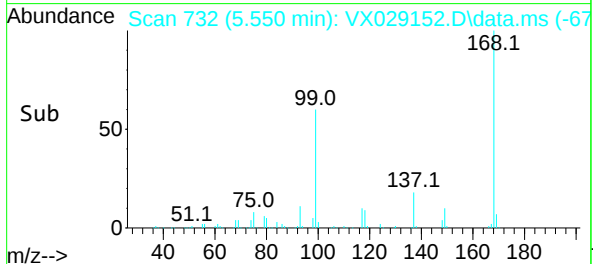
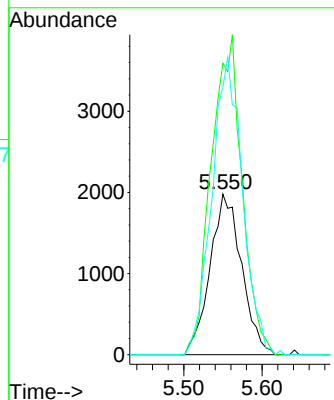
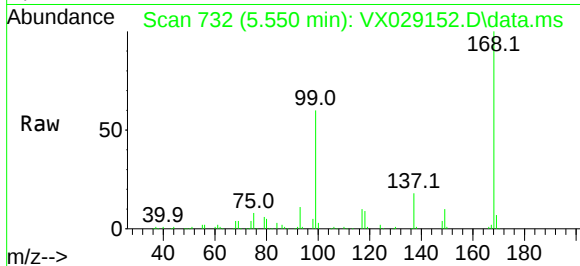




#31
Cyclohexane
Concen: 1.290 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

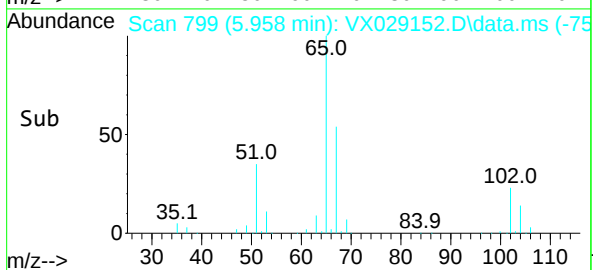
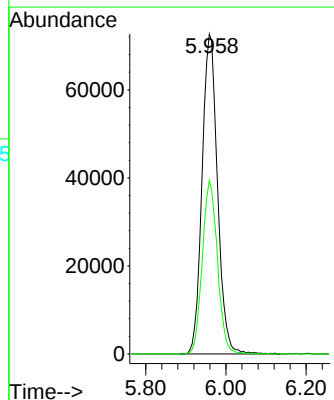
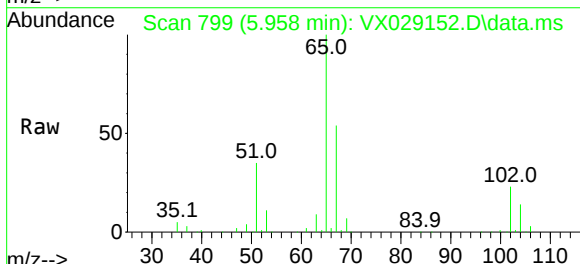
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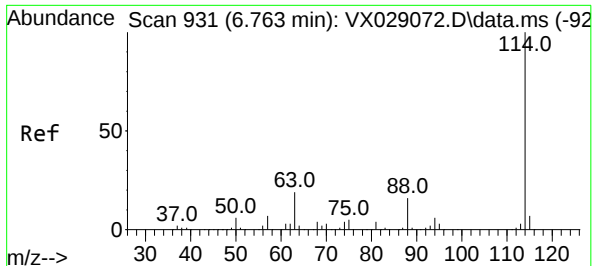
Tgt Ion: 56 Resp: 5541
Ion Ratio Lower Upper
56 100
69 181.5 26.7 40.1#
84 166.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 58.847 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

Tgt Ion: 65 Resp: 194469
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.4

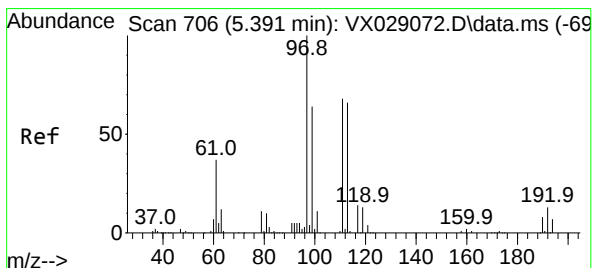
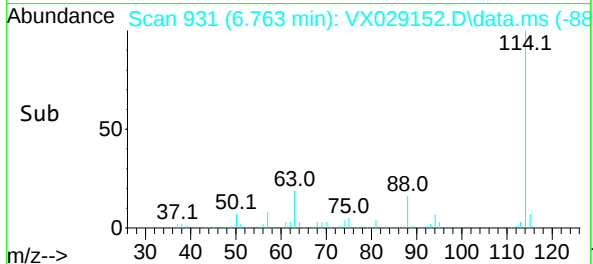
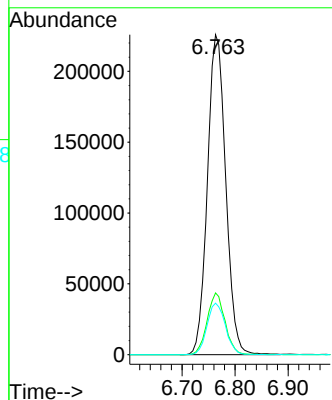
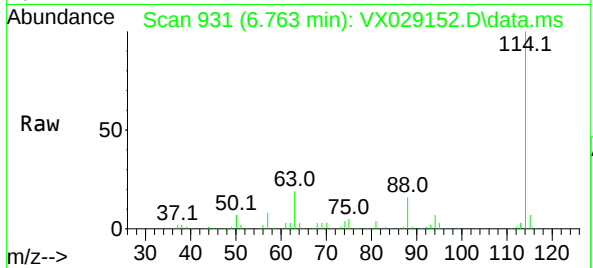




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

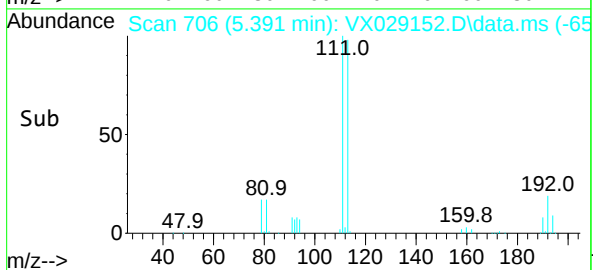
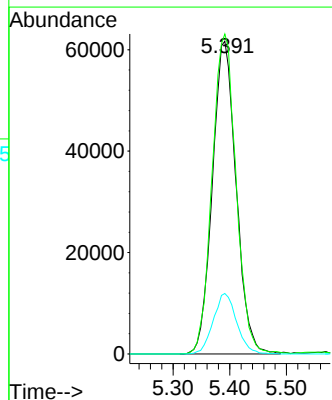
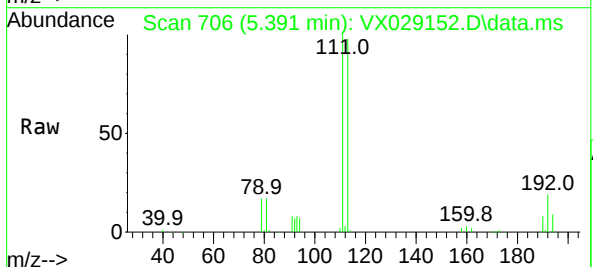
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

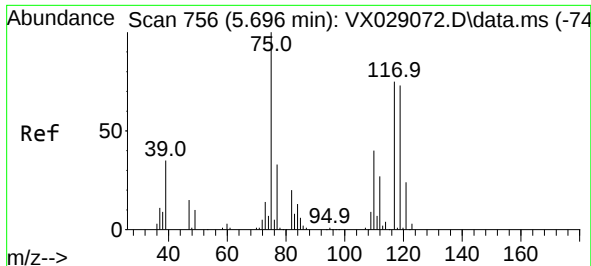
Tgt Ion:114 Resp: 542340
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.766 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

Tgt Ion:113 Resp: 179274
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 19.1 16.9 25.3

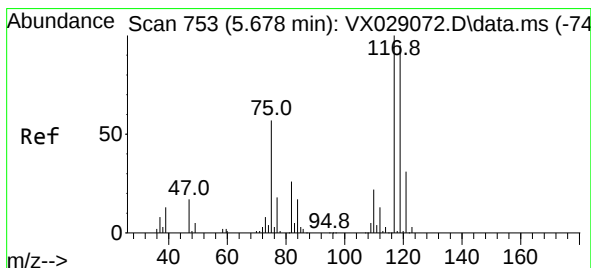
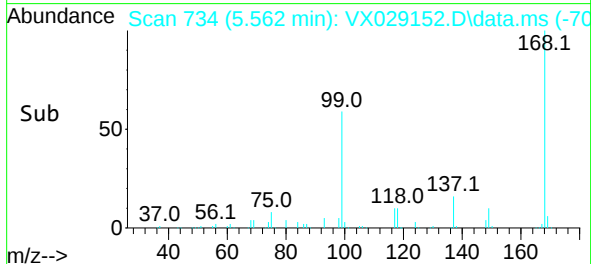
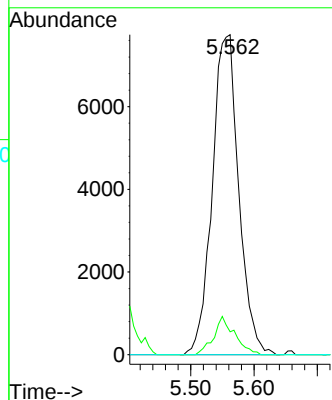
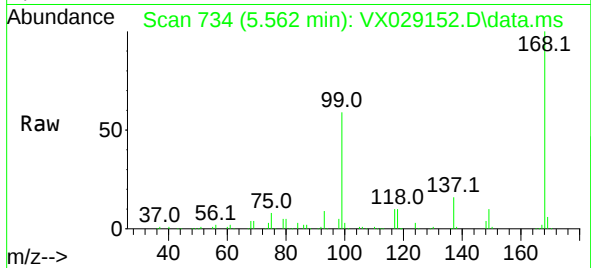




#36
1,1-Dichloropropene
Concen: 4.847 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

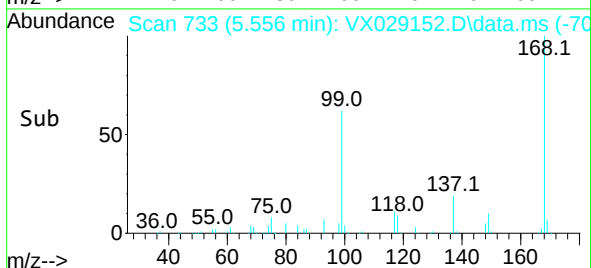
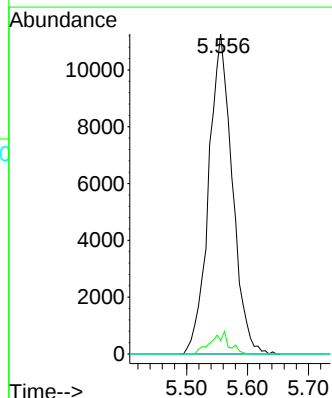
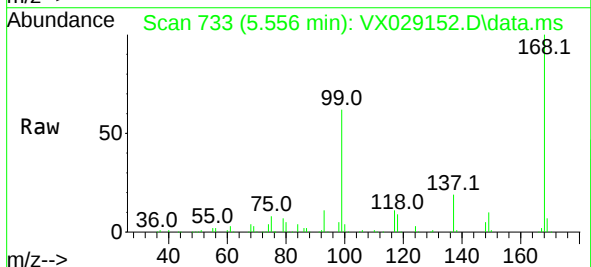
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

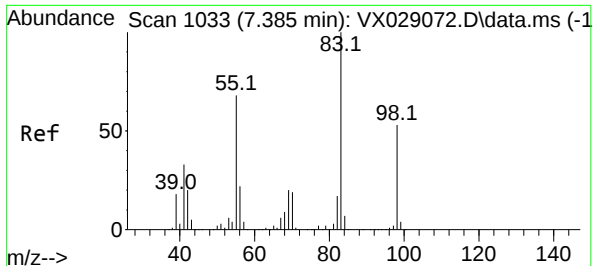
Tgt Ion: 75 Resp: 22465
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.715 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

Tgt Ion: 117 Resp: 30273
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.615 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX029152.D

Acq: 02 Jun 2022 21:46

Instrument :

MSVOA_X

ClientSampleId :

56BR-20220525

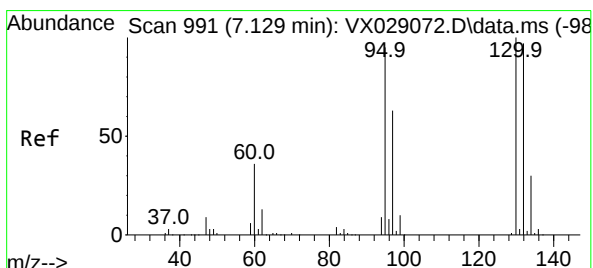
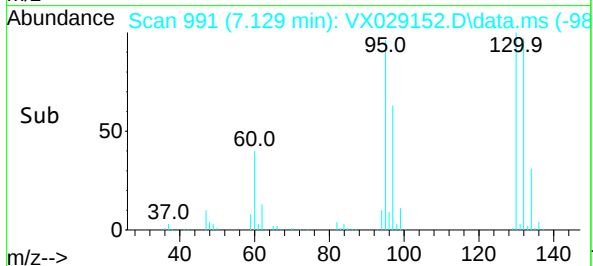
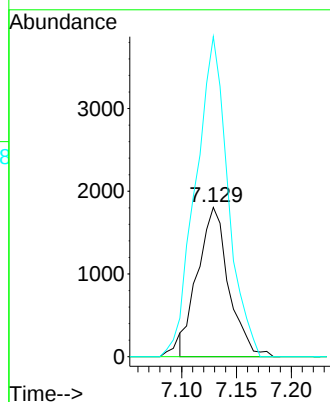
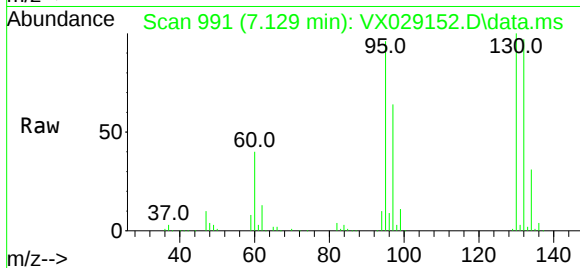
Tgt Ion: 83 Resp: 3526

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 214.3 37.4 56.2#



#44

Trichloroethene

Concen: 74.112 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029152.D

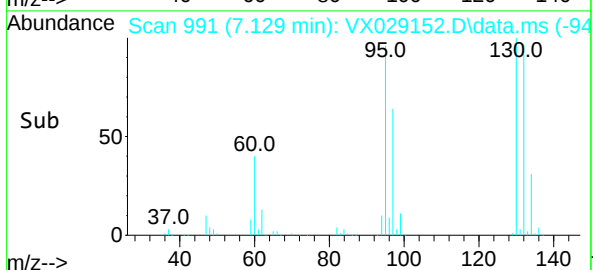
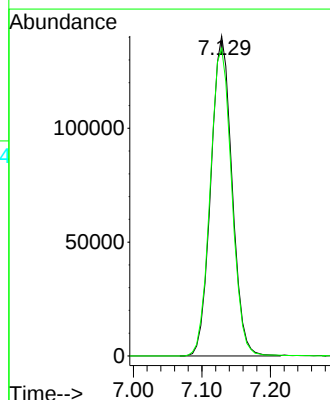
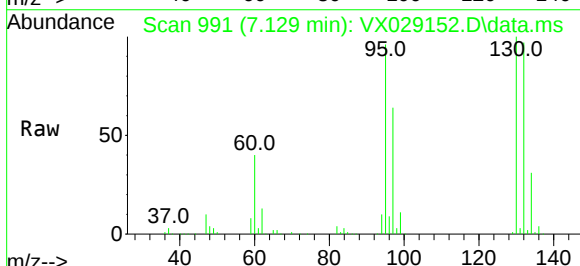
Acq: 02 Jun 2022 21:46

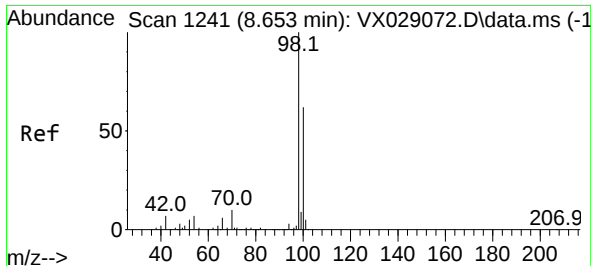
Tgt Ion:130 Resp: 300245

Ion Ratio Lower Upper

130 100

95 96.1 0.0 188.8

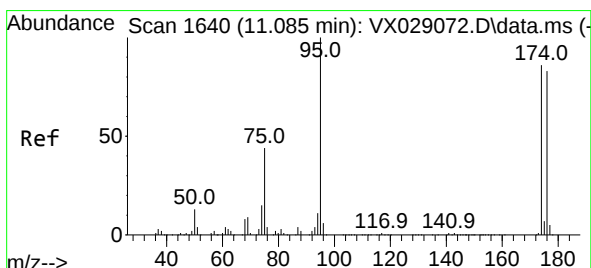
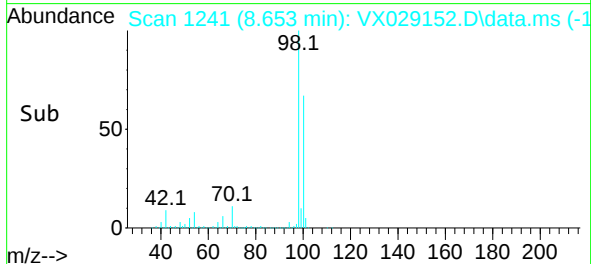
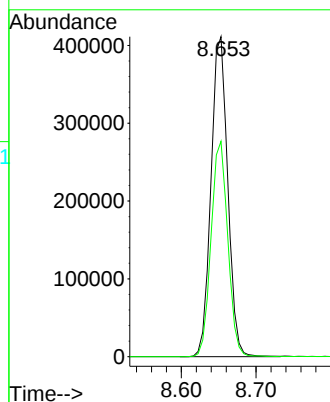
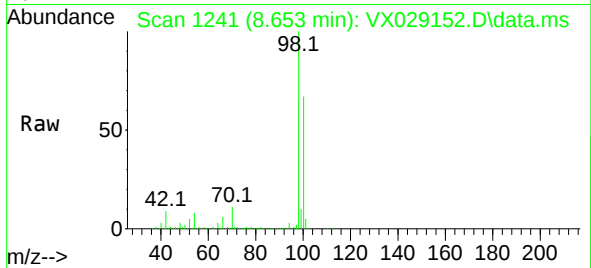




#50
Toluene-d8
Concen: 48.540 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

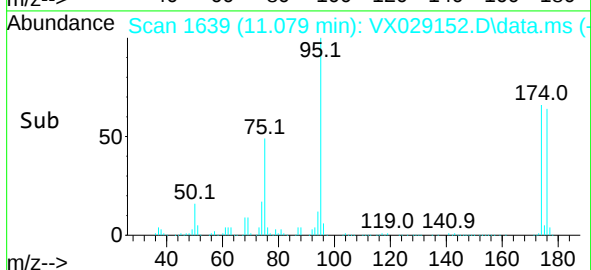
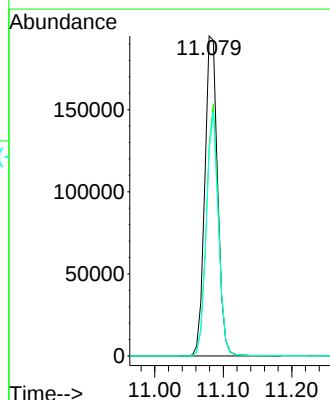
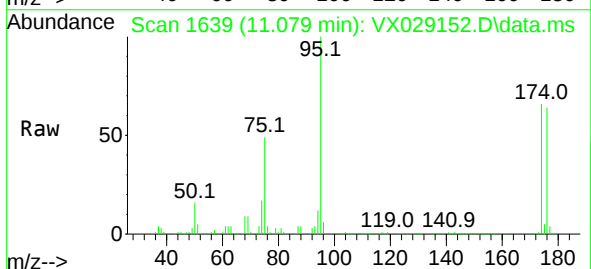
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

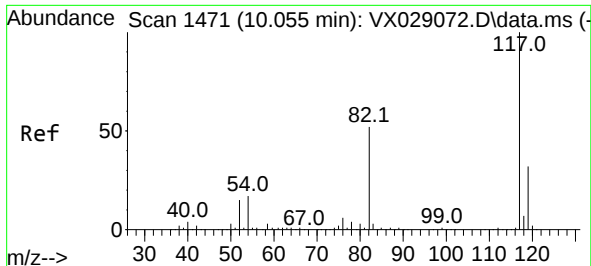
Tgt Ion: 98 Resp: 639526
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.965 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

Tgt Ion: 95 Resp: 254468
Ion Ratio Lower Upper
95 100
174 73.7 0.0 163.0
176 72.0 0.0 155.0

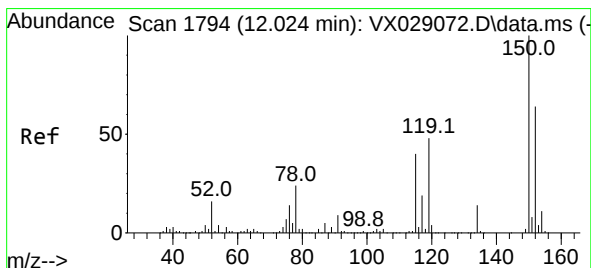
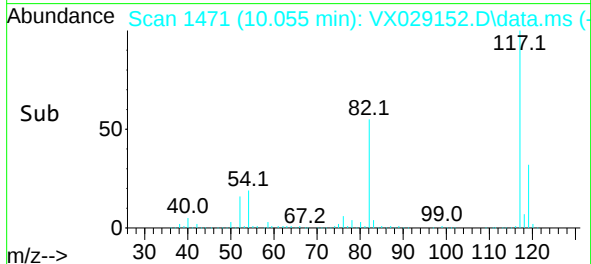
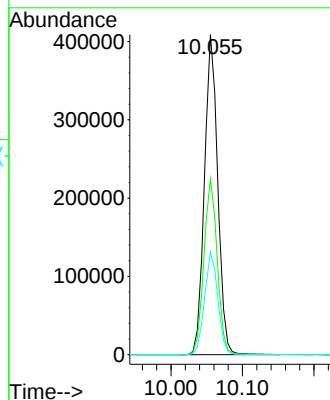
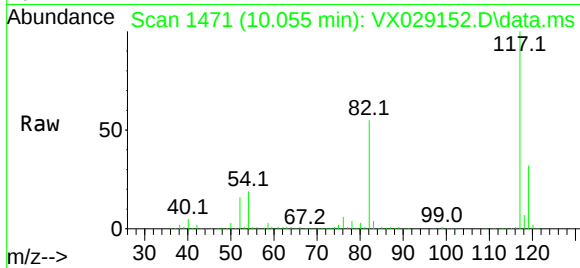




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

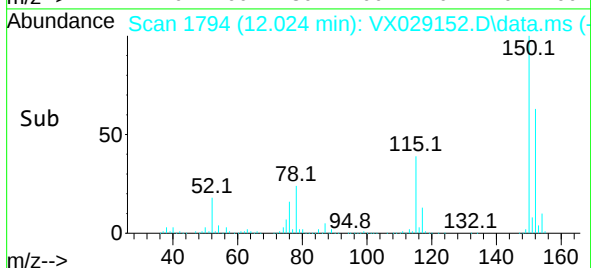
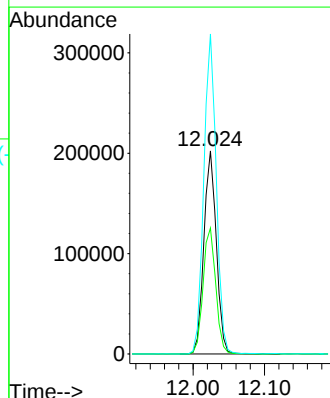
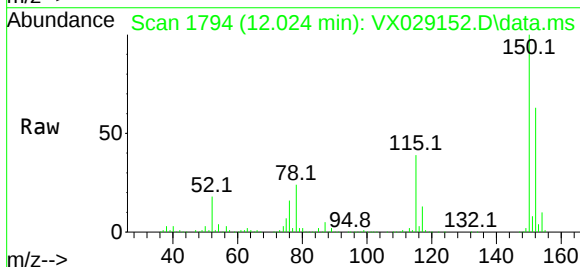
Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

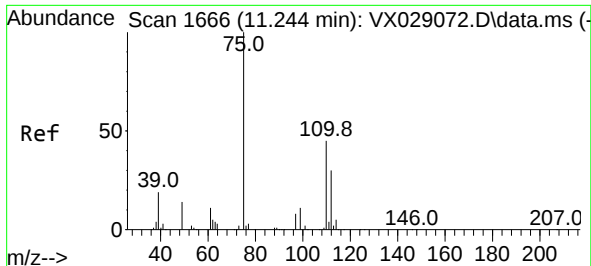
Tgt Ion:117 Resp: 528395
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.8
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

Tgt Ion:152 Resp: 245447
Ion Ratio Lower Upper
152 100
115 62.9 37.5 112.7
150 157.1 0.0 338.2

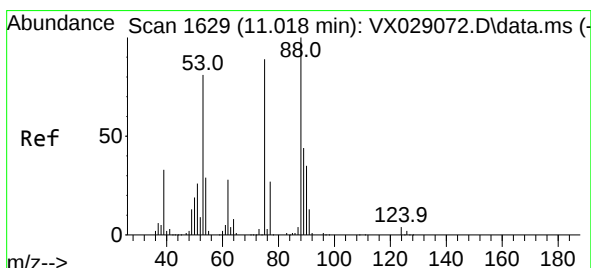
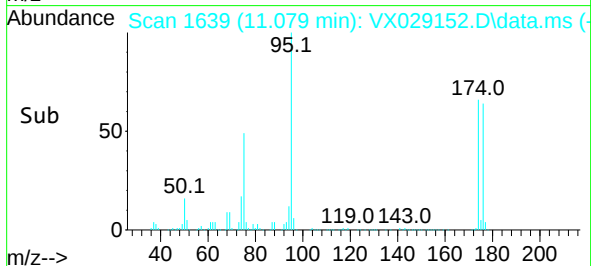
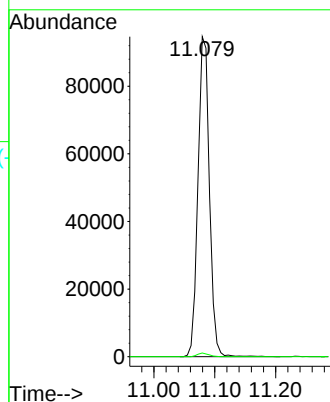
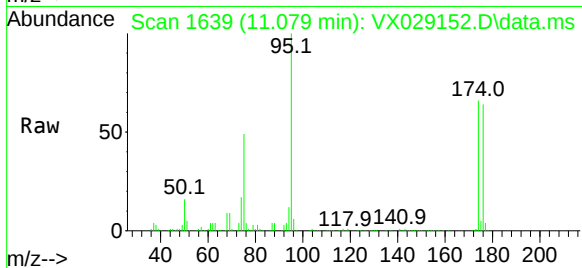




#76
1,2,3-Trichloropropane
Concen: 24.760 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

Instrument :
MSVOA_X
ClientSampleId :
56BR-20220525

Tgt Ion: 75 Resp: 123195
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.640 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029152.D
Acq: 02 Jun 2022 21:46

Tgt Ion: 75 Resp: 123195
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

