

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022319.D
 Acq On : 02 Jun 2021 03:11
 Operator : JC/MD
 Sample : M2572-03 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20210528

Quant Time: Jun 02 05:34:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

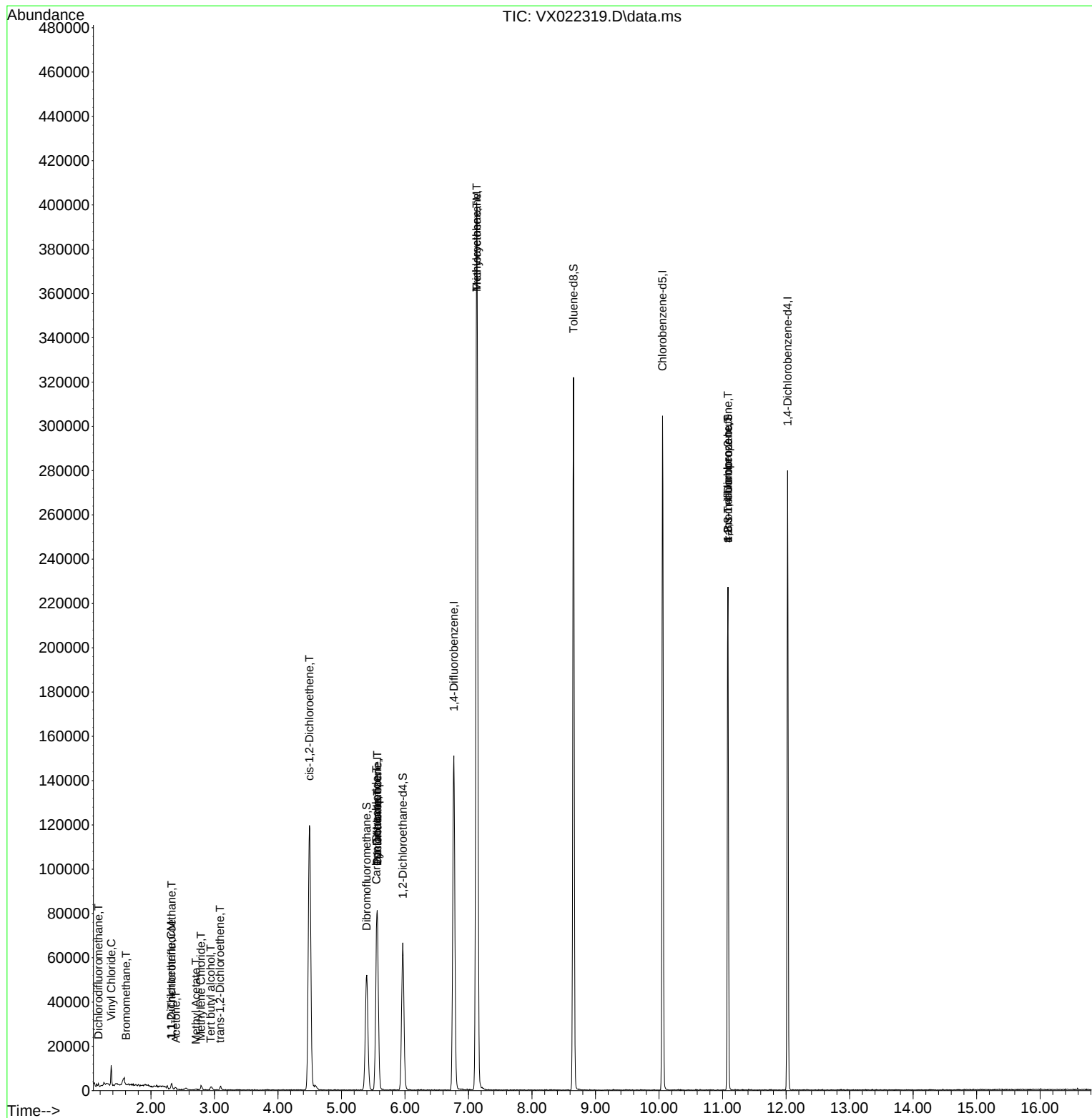
Internal Standards						
1) Pentafluorobenzene	5.562	168	70456	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	149667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59787	55.01	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.02%	
35) Dibromofluoromethane	5.397	113	45086	47.50	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.00%	
50) Toluene-d8	8.653	98	183847	50.28	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.56%	
62) 4-Bromofluorobenzene	11.085	95	62792	46.47	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.94%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	600	0.70	ug/l	96
4) Vinyl Chloride	1.374	62	4823	4.93	ug/l	96
5) Bromomethane	1.605	94	234	0.41	ug/l	# 59
9) 1,1,2-Trichlorotrifluo...	2.325	101	552	0.66	ug/l	89
11) Tert butyl alcohol	2.940	59	1021	4.11	ug/l	# 73
12) 1,1-Dichloroethene	2.319	96	583	0.72	ug/l	87
16) Acetone	2.392	43	1049	2.22	ug/l	95
18) Methyl Acetate	2.709	43	492	0.39	ug/l	# 65
20) Methylene Chloride	2.788	84	744	0.71	ug/l	# 82
21) trans-1,2-Dichloroethene	3.087	96	692	0.79	ug/l	# 57
27) cis-1,2-Dichloroethene	4.495	96	75983	71.13	ug/l	90
31) Cyclohexane	5.562	56	2204	1.61	ug/l	# 26
36) 1,1-Dichloropropene	5.562	75	7128	5.15	ug/l	# 49
38) Carbon Tetrachloride	5.550	117	8133	6.01	ug/l	# 16
39) Methylcyclohexane	7.129	83	1993	1.27	ug/l	# 1
44) Trichloroethene	7.129	130	141090	133.34	ug/l	96
76) 1,2,3-Trichloropropane	11.085	75	32771	26.21	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	32771	62.09	ug/l	# 12

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

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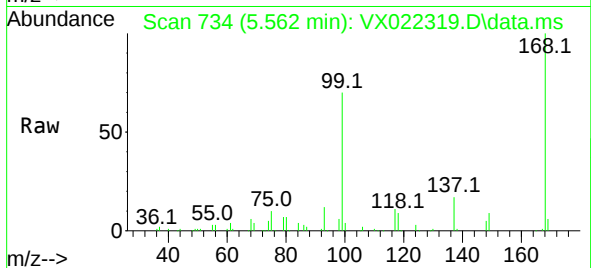
Quant Time: Jun 02 05:34:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
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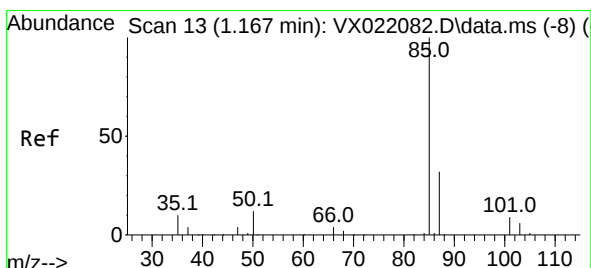
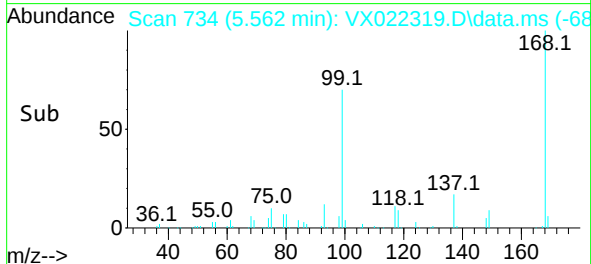
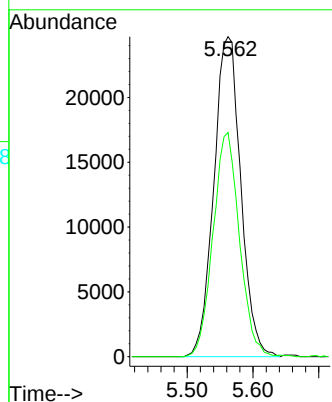


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

Instrument :
MSVOA_X
ClientSampleId :
56BR-20210528

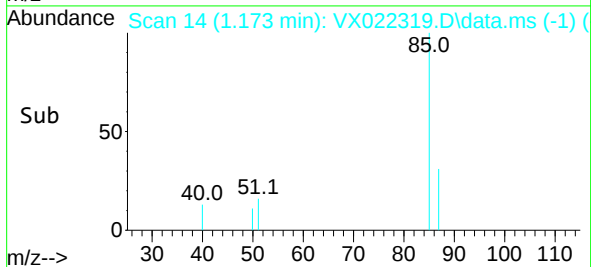
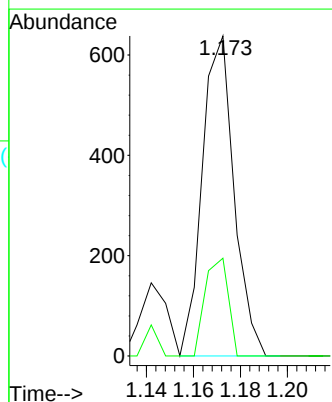
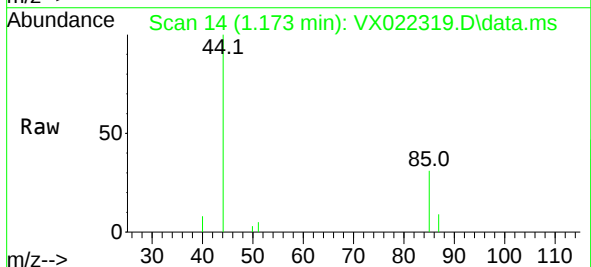


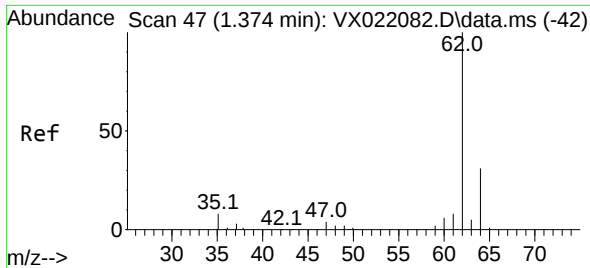
Tgt Ion:168 Resp: 70456
Ion Ratio Lower Upper
168 100
99 70.1 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 0.70 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

Tgt Ion: 85 Resp: 600
Ion Ratio Lower Upper
85 100
87 30.6 16.4 49.2

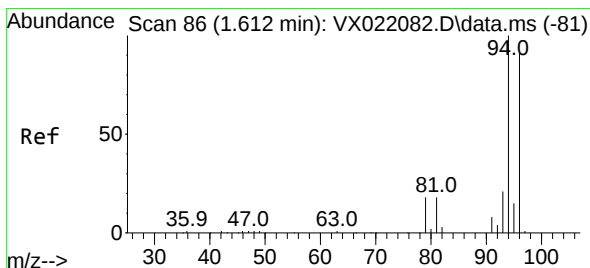
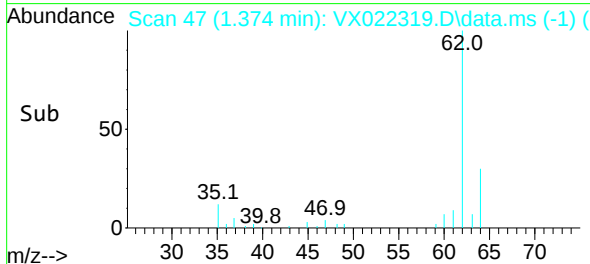
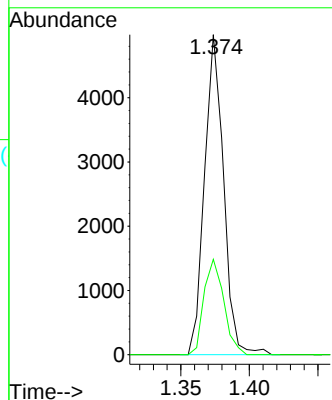
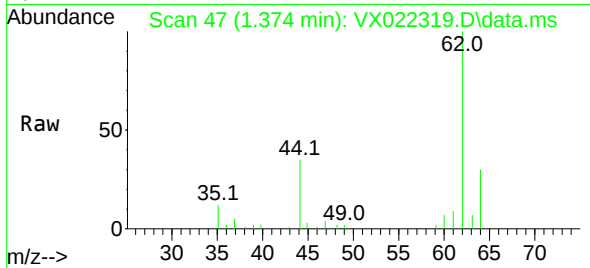




#4
 Vinyl Chloride
 Concen: 4.93 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022319.D
 Acq: 02 Jun 2021 03:11

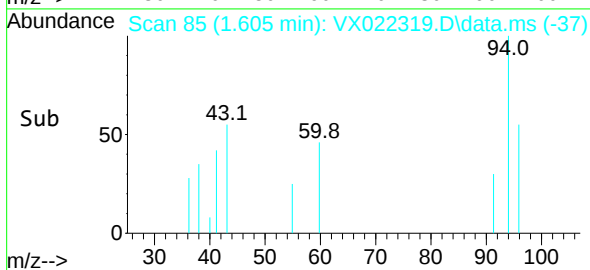
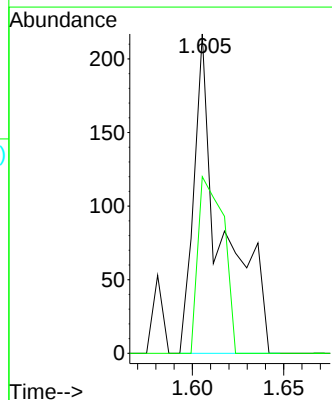
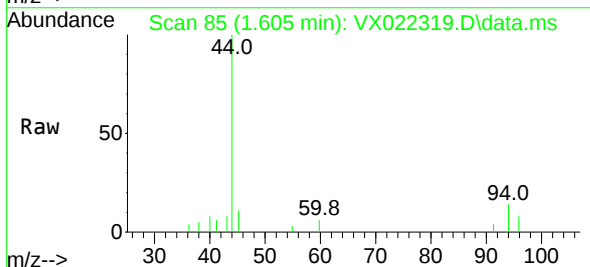
Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20210528

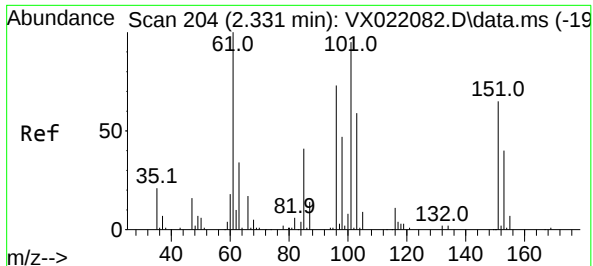
Tgt Ion: 62 Resp: 4823
 Ion Ratio Lower Upper
 62 100
 64 29.8 25.7 38.5



#5
 Bromomethane
 Concen: 0.41 ug/l
 RT: 1.605 min Scan# 85
 Delta R.T. -0.007 min
 Lab File: VX022319.D
 Acq: 02 Jun 2021 03:11

Tgt Ion: 94 Resp: 234
 Ion Ratio Lower Upper
 94 100
 96 55.3 76.4 114.6#

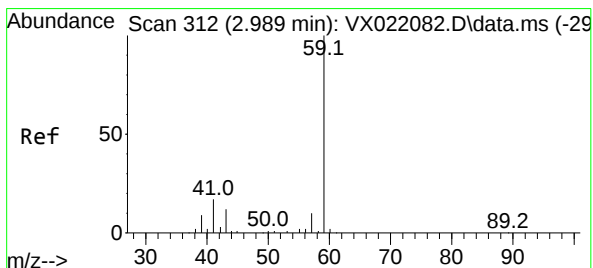
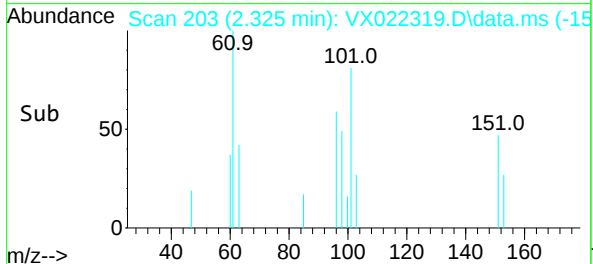
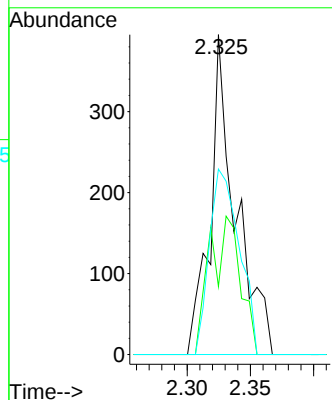
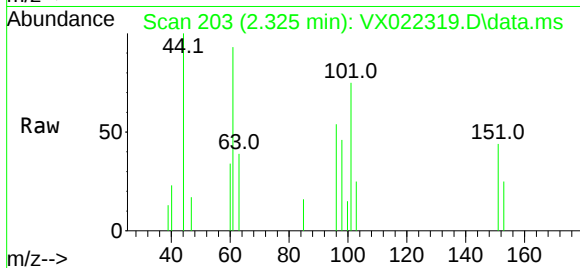




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.66 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

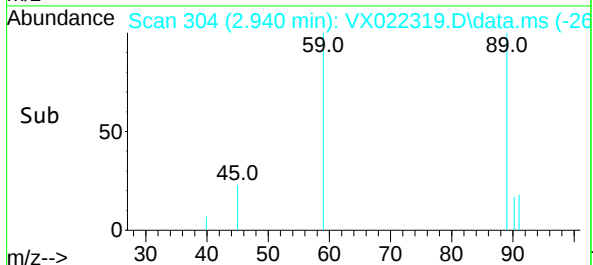
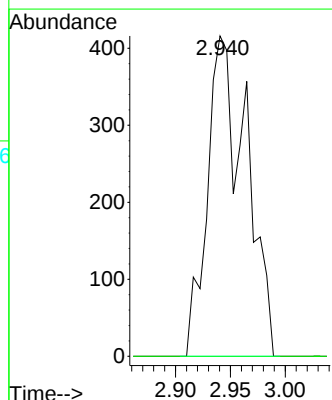
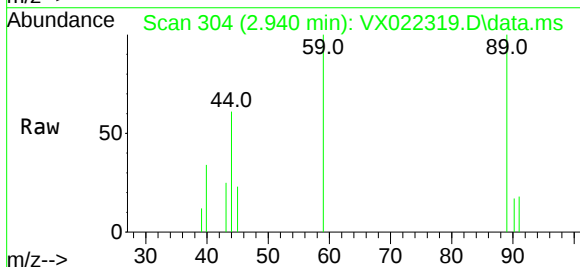
Instrument :
MSVOA_X
ClientSampleId :
56BR-20210528

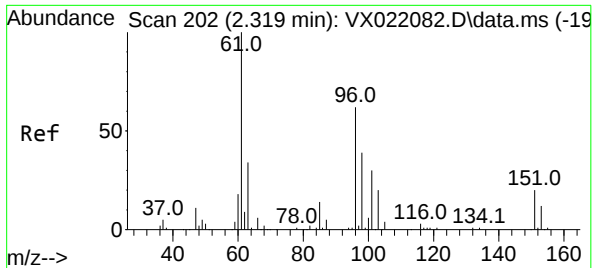
Tgt Ion:101 Resp: 552
Ion Ratio Lower Upper
101 100
85 51.8 34.9 52.3
151 68.3 61.4 92.2



#11
Tert butyl alcohol
Concen: 4.11 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

Tgt Ion: 59 Resp: 1021
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.72 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX022319.D

Acq: 02 Jun 2021 03:11

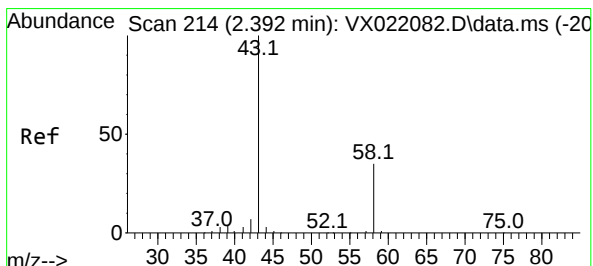
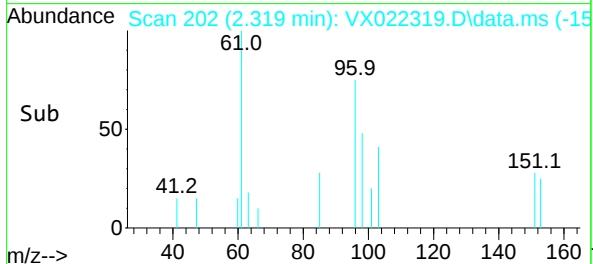
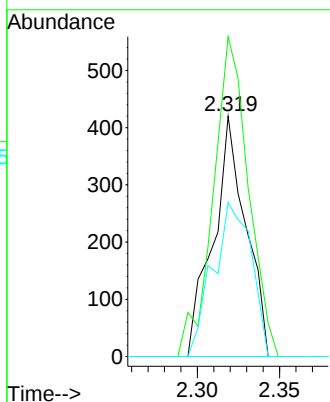
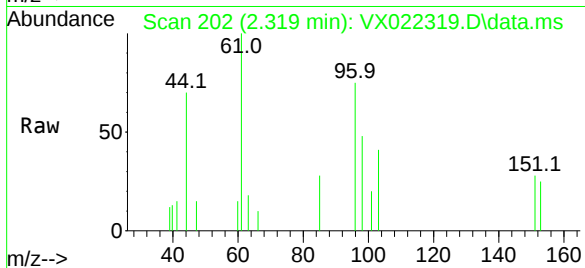
Tgt Ion: 96 Resp: 583

Ion Ratio Lower Upper

96 100

61 133.1 124.6 187.0

98 64.0 50.6 76.0



#16

Acetone

Concen: 2.22 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX022319.D

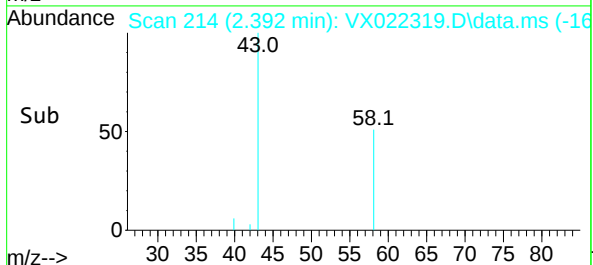
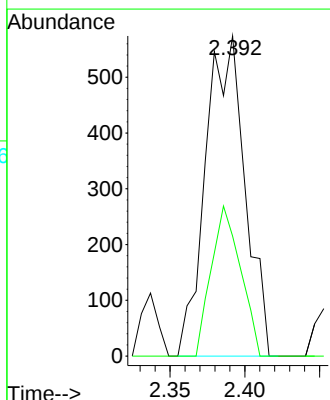
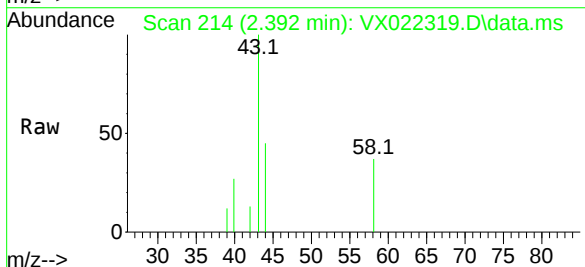
Acq: 02 Jun 2021 03:11

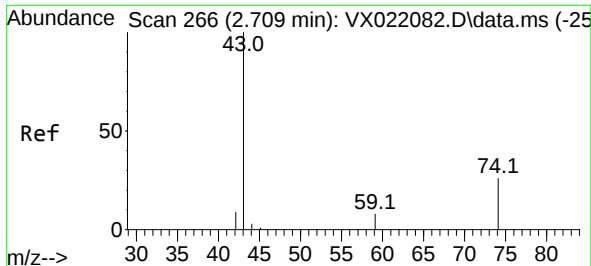
Tgt Ion: 43 Resp: 1049

Ion Ratio Lower Upper

43 100

58 37.5 27.8 41.8

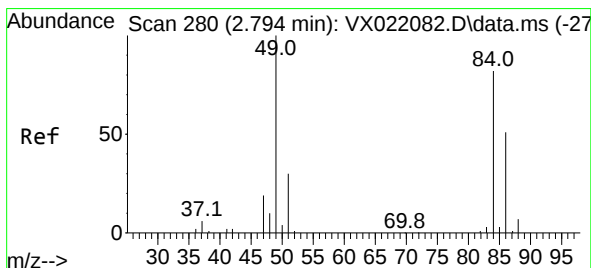
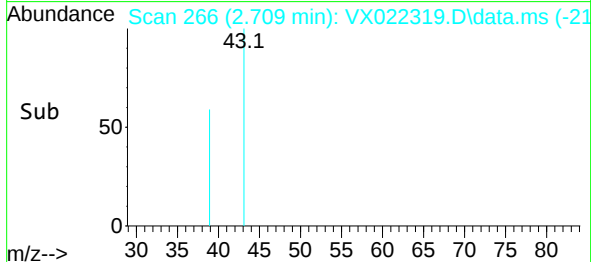
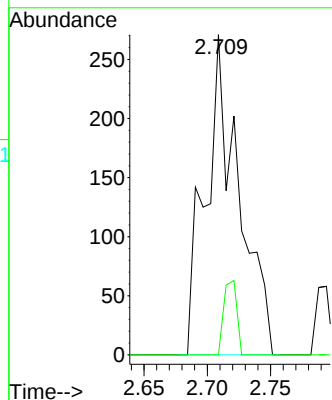
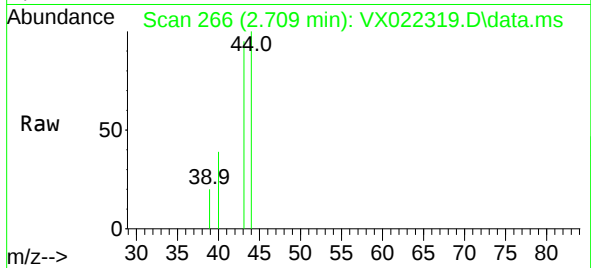




#18
Methyl Acetate
Concen: 0.39 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

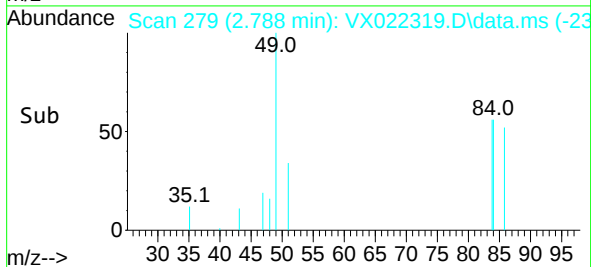
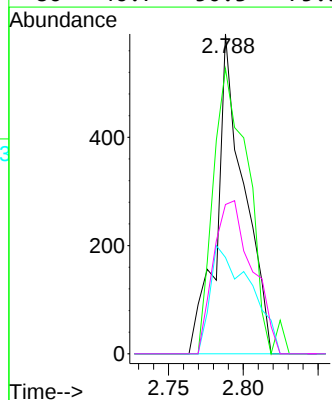
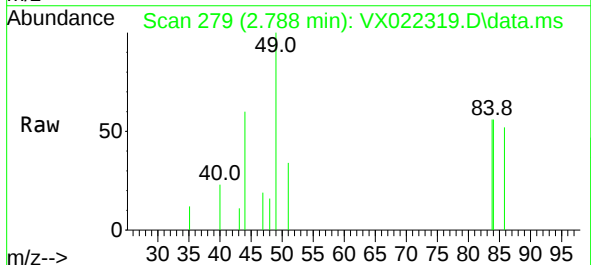
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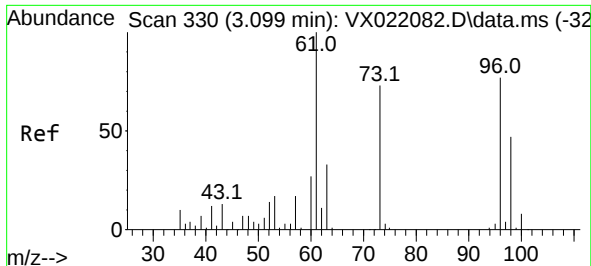
Tgt Ion: 43 Resp: 492
Ion Ratio Lower Upper
43 100
74 9.1 21.9 32.9#



#20
Methylene Chloride
Concen: 0.71 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

Tgt Ion: 84 Resp: 744
Ion Ratio Lower Upper
84 100
49 89.2 88.6 132.8
51 30.1 27.0 40.6
86 46.7 50.3 75.5#

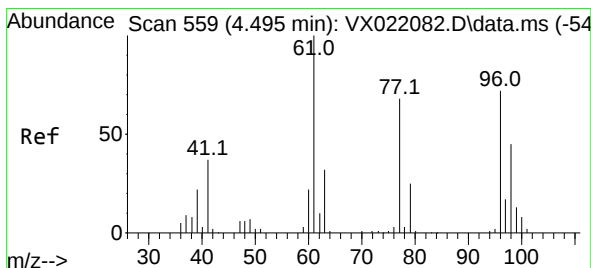
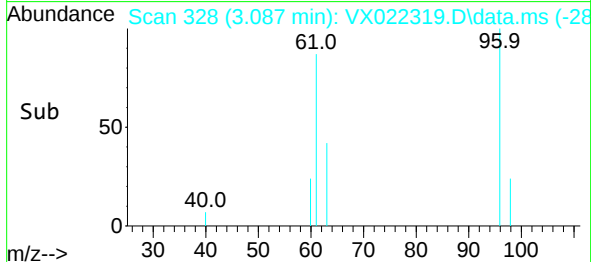
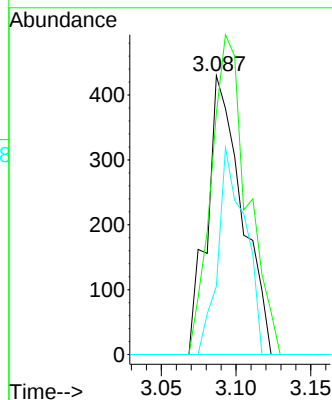
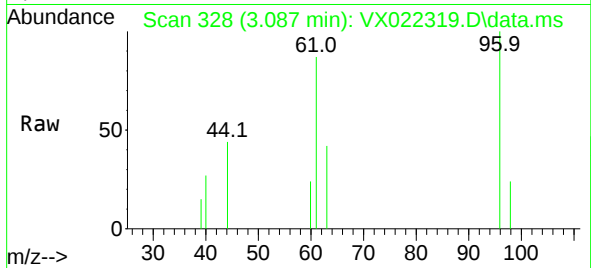




#21
trans-1,2-Dichloroethene
Concen: 0.79 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.012 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

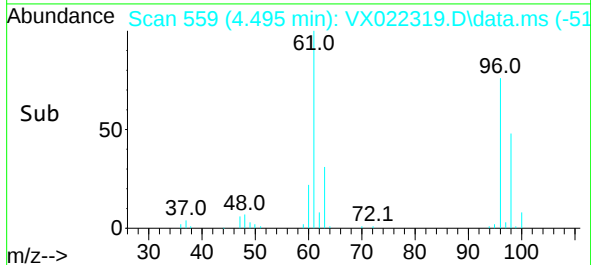
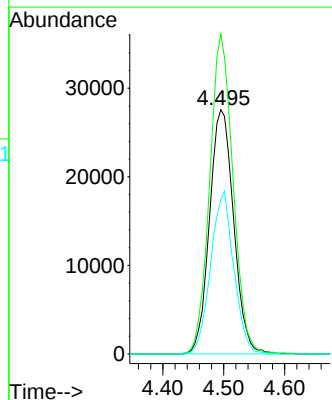
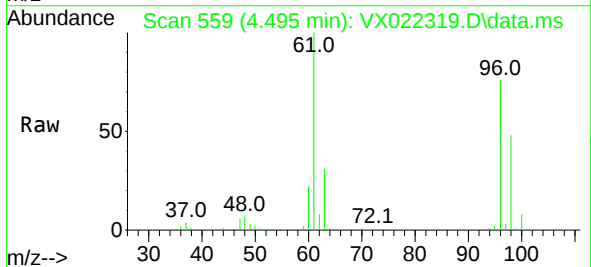
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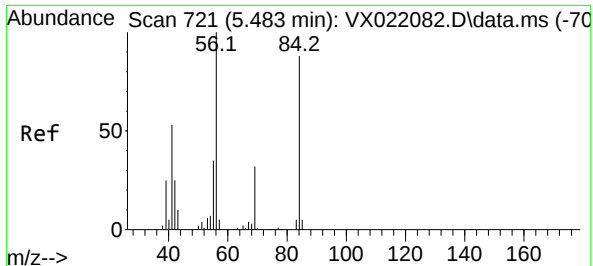
Tgt Ion: 96 Resp: 692
Ion Ratio Lower Upper
96 100
61 86.5 107.7 161.5#
98 24.4 50.4 75.6#



#27
cis-1,2-Dichloroethene
Concen: 71.13 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

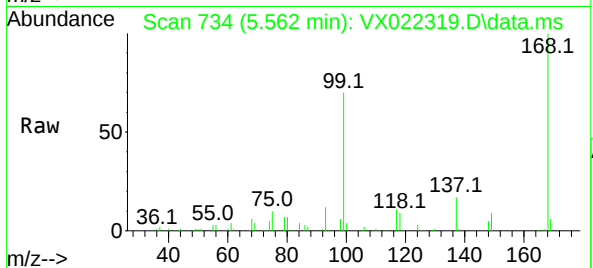
Tgt Ion: 96 Resp: 75983
Ion Ratio Lower Upper
96 100
61 126.2 0.0 285.6
98 63.7 0.0 129.6



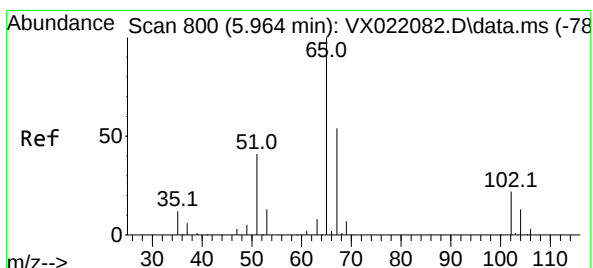
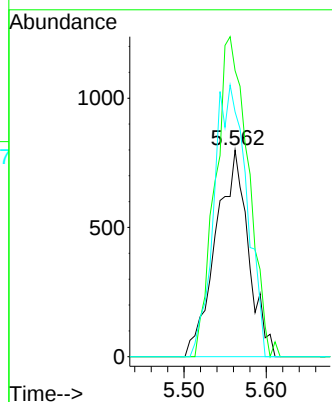
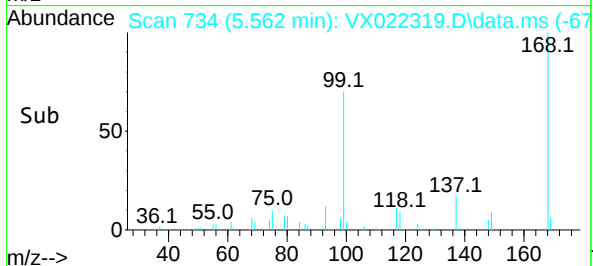


#31
Cyclohexane
Concen: 1.61 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

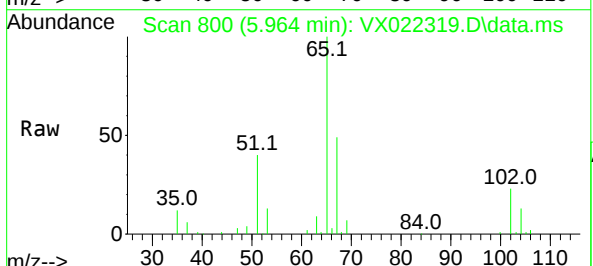
Instrument :
MSVOA_X
ClientSampleId :
56BR-20210528



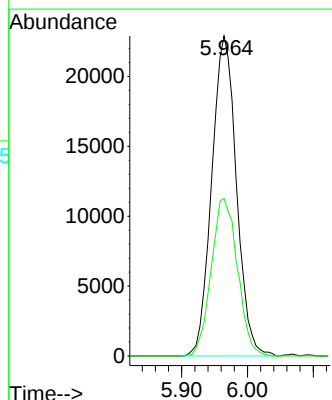
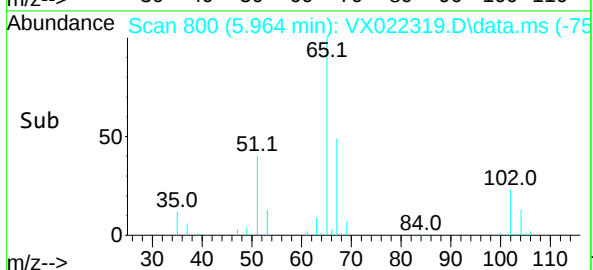
Tgt Ion: 56 Resp: 2204
Ion Ratio Lower Upper
56 100
69 138.5 25.3 37.9#
84 118.5 71.4 107.0#

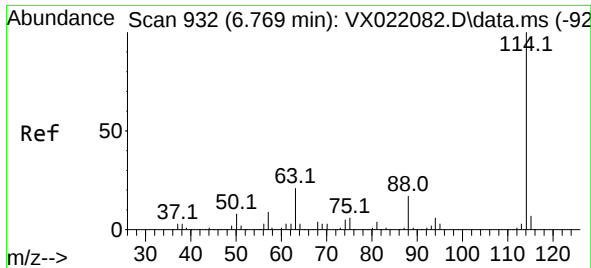


#33
1,2-Dichloroethane-d4
Concen: 55.01 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11



Tgt Ion: 65 Resp: 59787
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

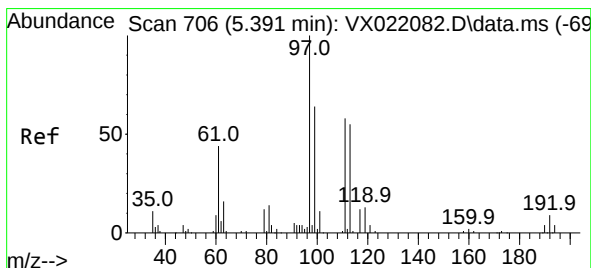
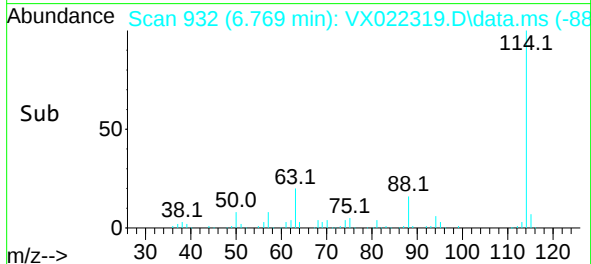
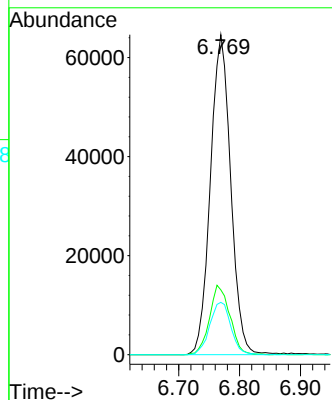
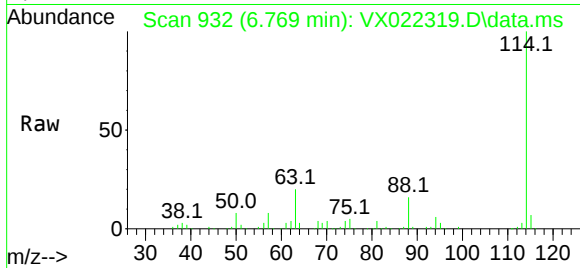




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

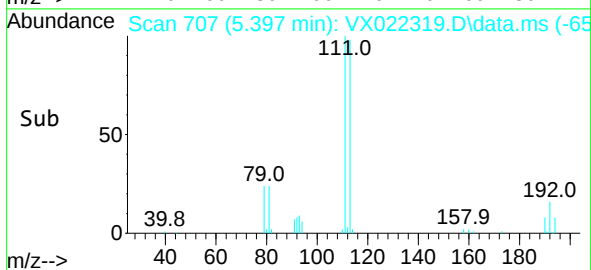
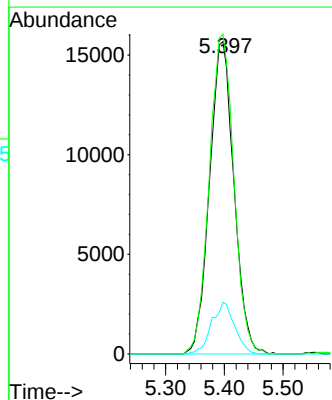
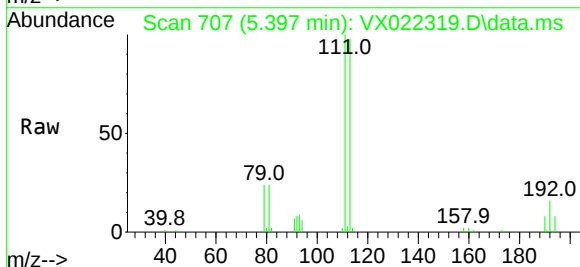
Instrument :
MSVOA_X
ClientSampleId :
56BR-20210528

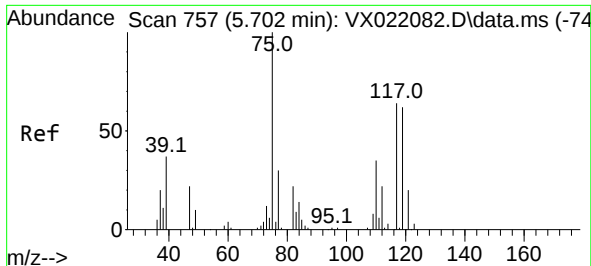
Tgt Ion:114 Resp: 149667
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.50 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

Tgt Ion:113 Resp: 45086
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 15.7 16.7 25.1#

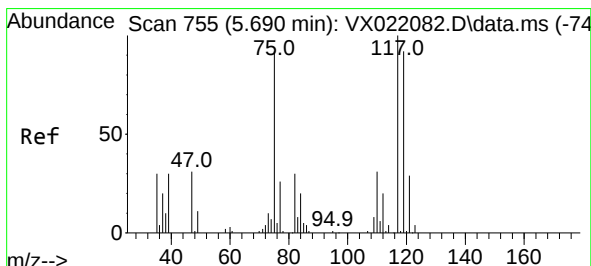
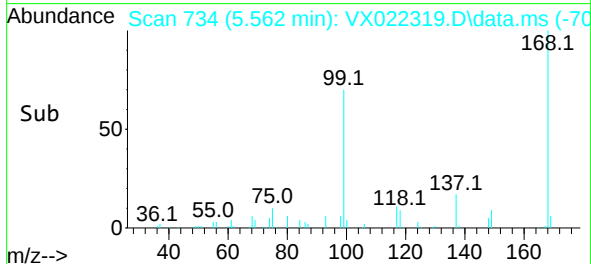
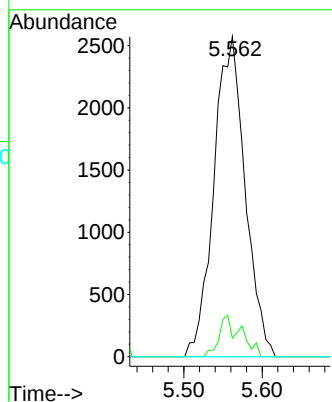
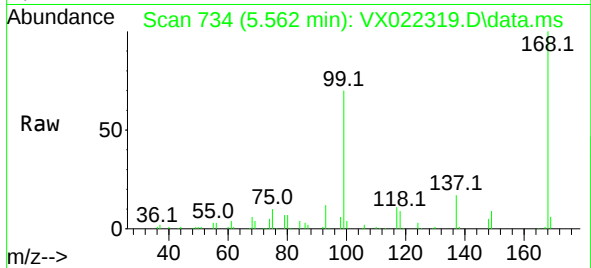




#36
1,1-Dichloropropene
Concen: 5.15 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

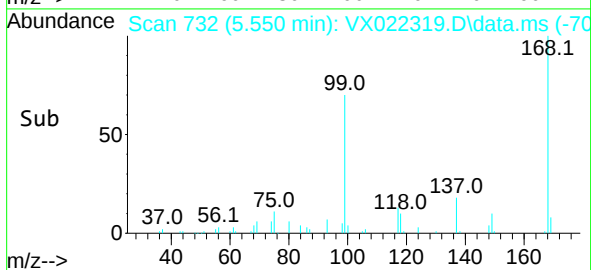
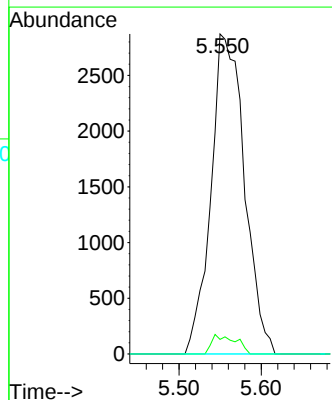
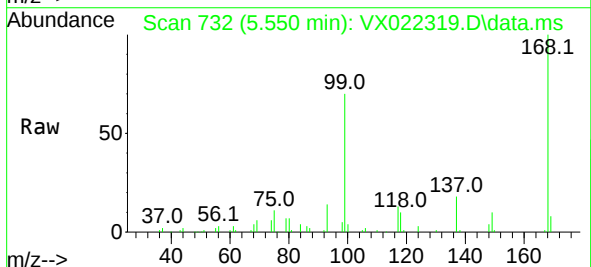
Instrument :
MSVOA_X
ClientSampleId :
56BR-20210528

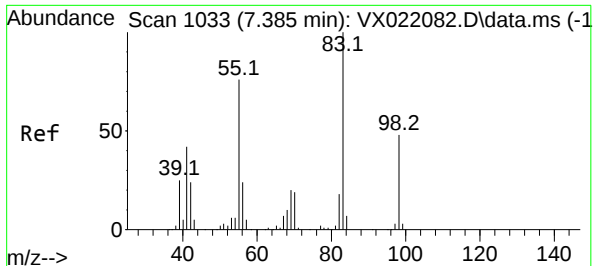
Tgt Ion: 75 Resp: 7128
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.01 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

Tgt Ion: 117 Resp: 8133
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 1.27 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX022319.D

Acq: 02 Jun 2021 03:11

Tgt Ion: 83 Resp: 1993

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

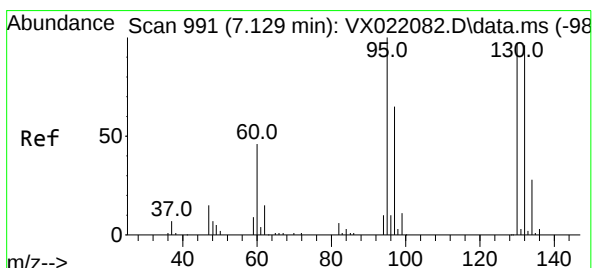
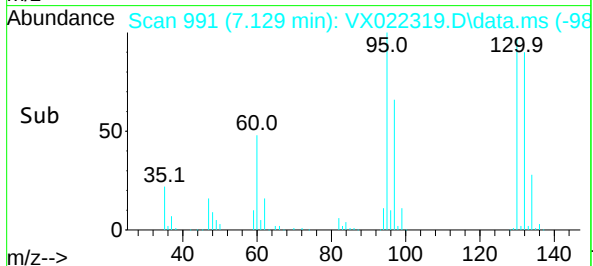
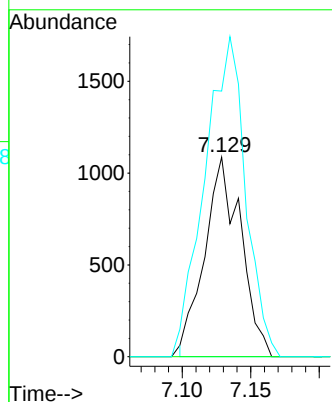
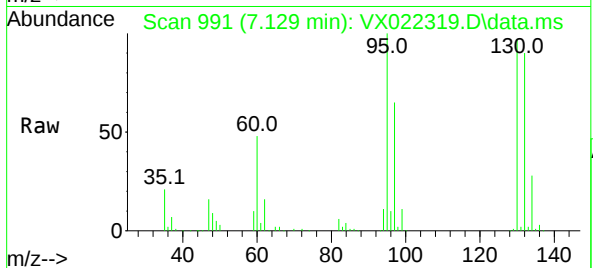
98 133.1 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

56BR-20210528



#44

Trichloroethene

Concen: 133.34 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX022319.D

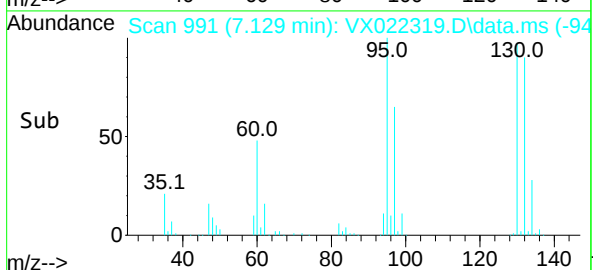
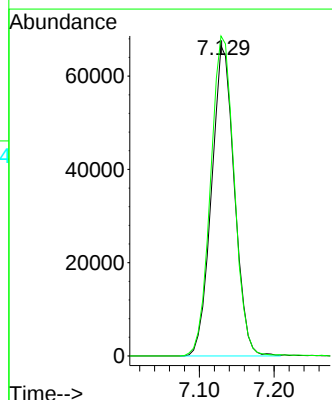
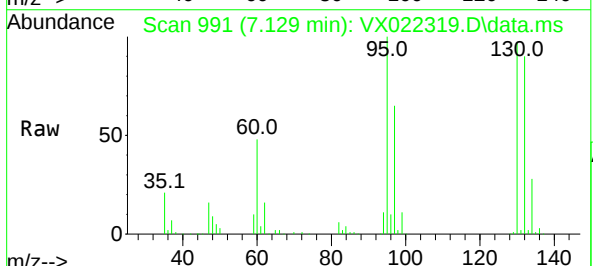
Acq: 02 Jun 2021 03:11

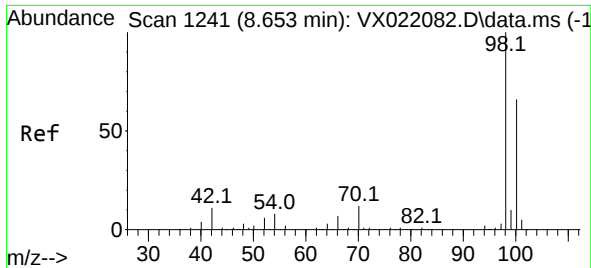
Tgt Ion:130 Resp: 141090

Ion Ratio Lower Upper

130 100

95 103.2 0.0 198.0

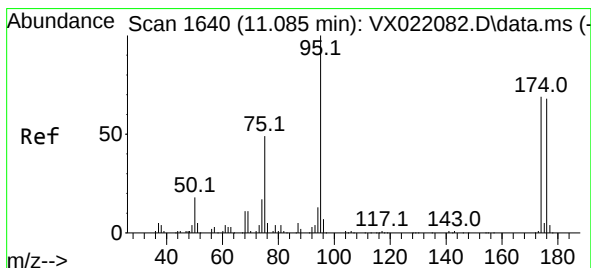
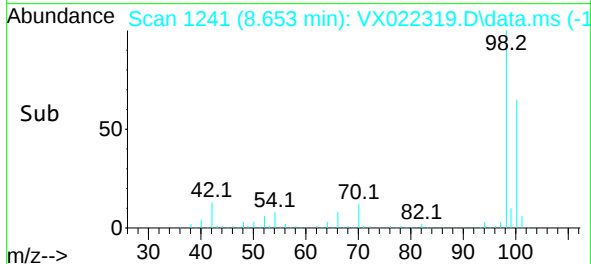
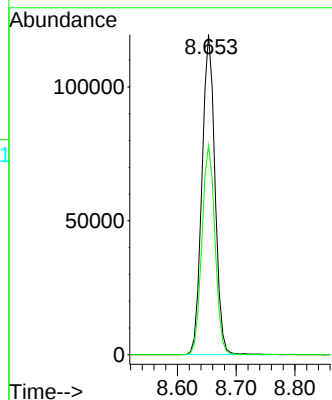
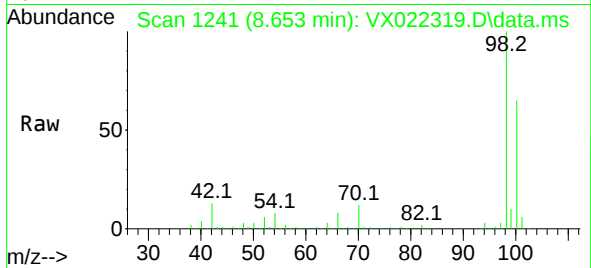




#50
Toluene-d8
Concen: 50.28 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

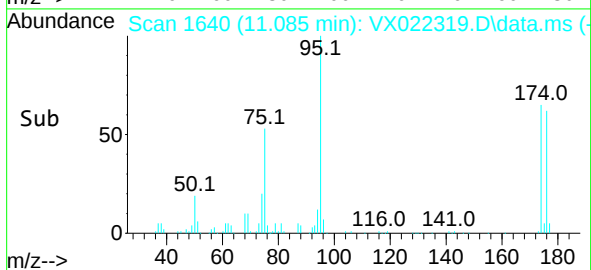
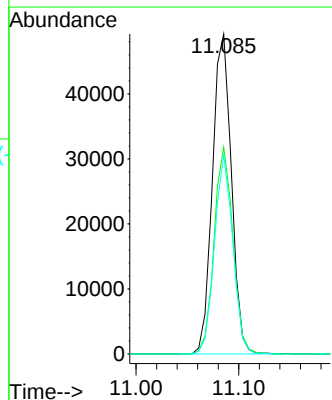
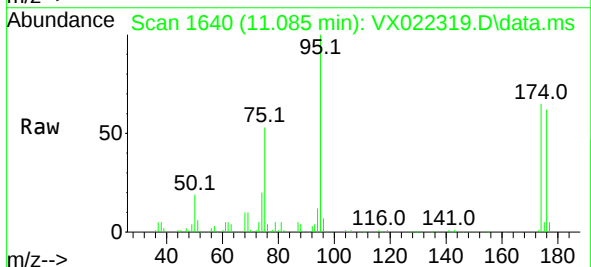
Instrument :
MSVOA_X
ClientSampleId :
56BR-20210528

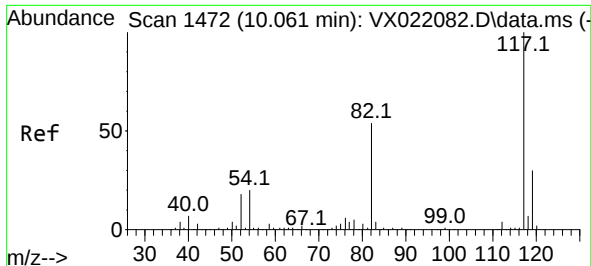
Tgt Ion: 98 Resp: 183847
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.47 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

Tgt Ion: 95 Resp: 62792
Ion Ratio Lower Upper
95 100
174 64.2 0.0 154.6
176 60.3 0.0 155.8

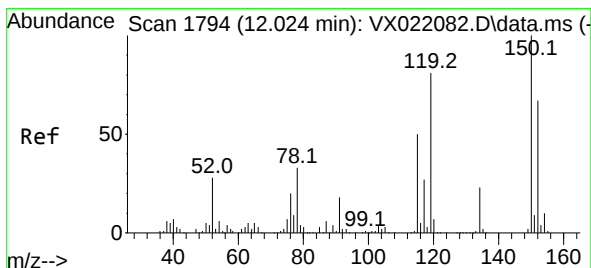
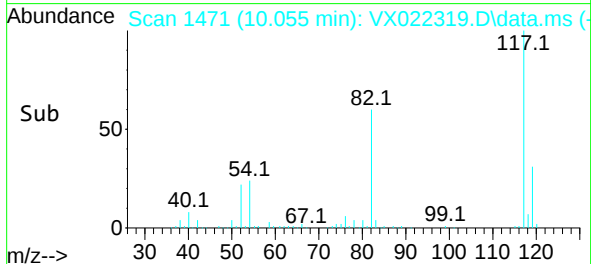
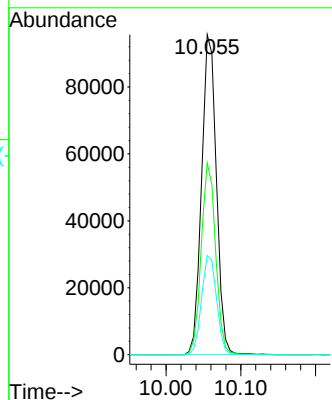
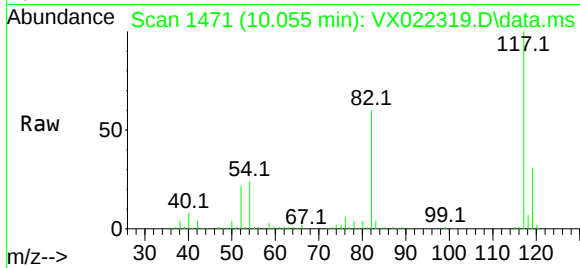




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

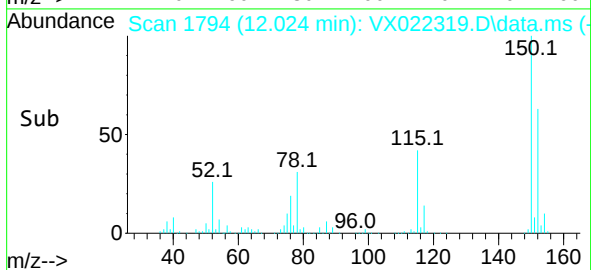
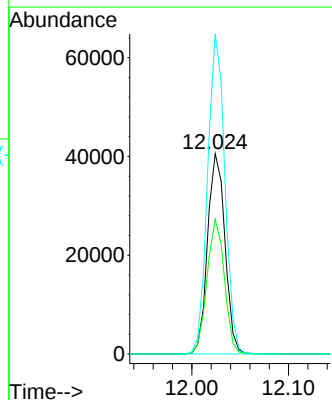
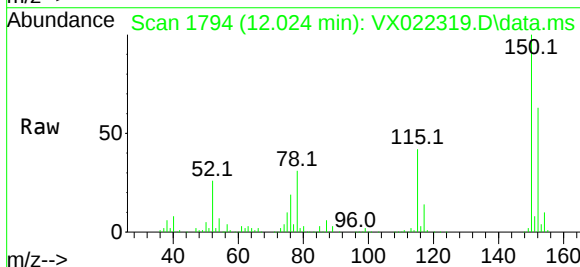
Instrument :
MSVOA_X
ClientSampleId :
56BR-20210528

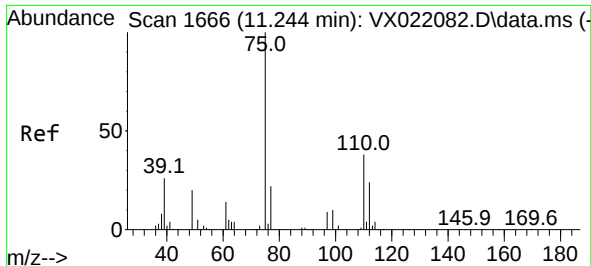
Tgt Ion:117 Resp: 131231
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 30.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

Tgt Ion:152 Resp: 50687
Ion Ratio Lower Upper
152 100
115 67.0 41.1 123.3
150 157.7 0.0 349.0

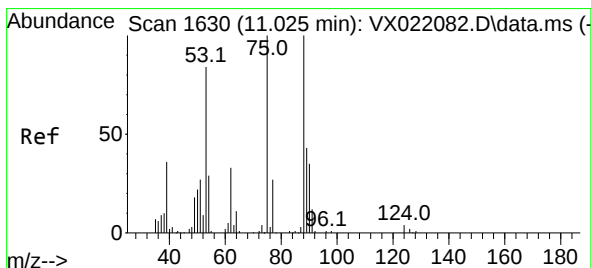
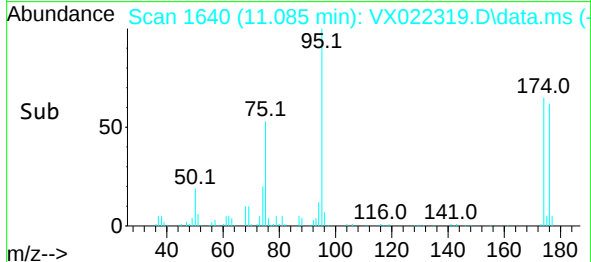
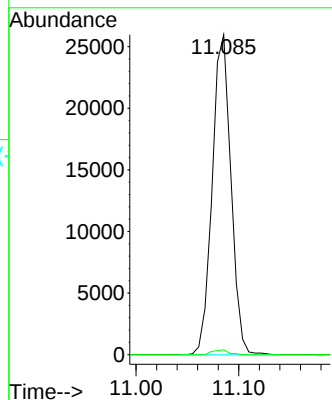
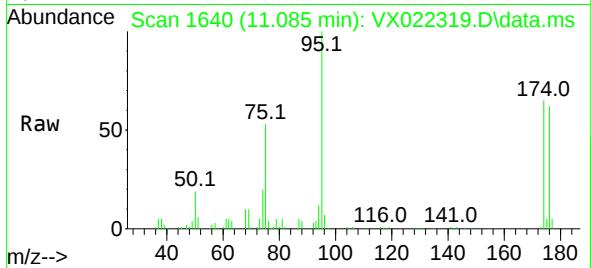




#76
1,2,3-Trichloropropane
Concen: 26.21 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

Instrument :
MSVOA_X
ClientSampleId :
56BR-20210528

Tgt Ion: 75 Resp: 32771
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.09 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

Tgt Ion: 75 Resp: 32771
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

