

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028878.D
 Acq On : 21 May 2022 03:01
 Operator : JC/MD
 Sample : N2970-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 02BR-20220519

Quant Time: May 21 06:08:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

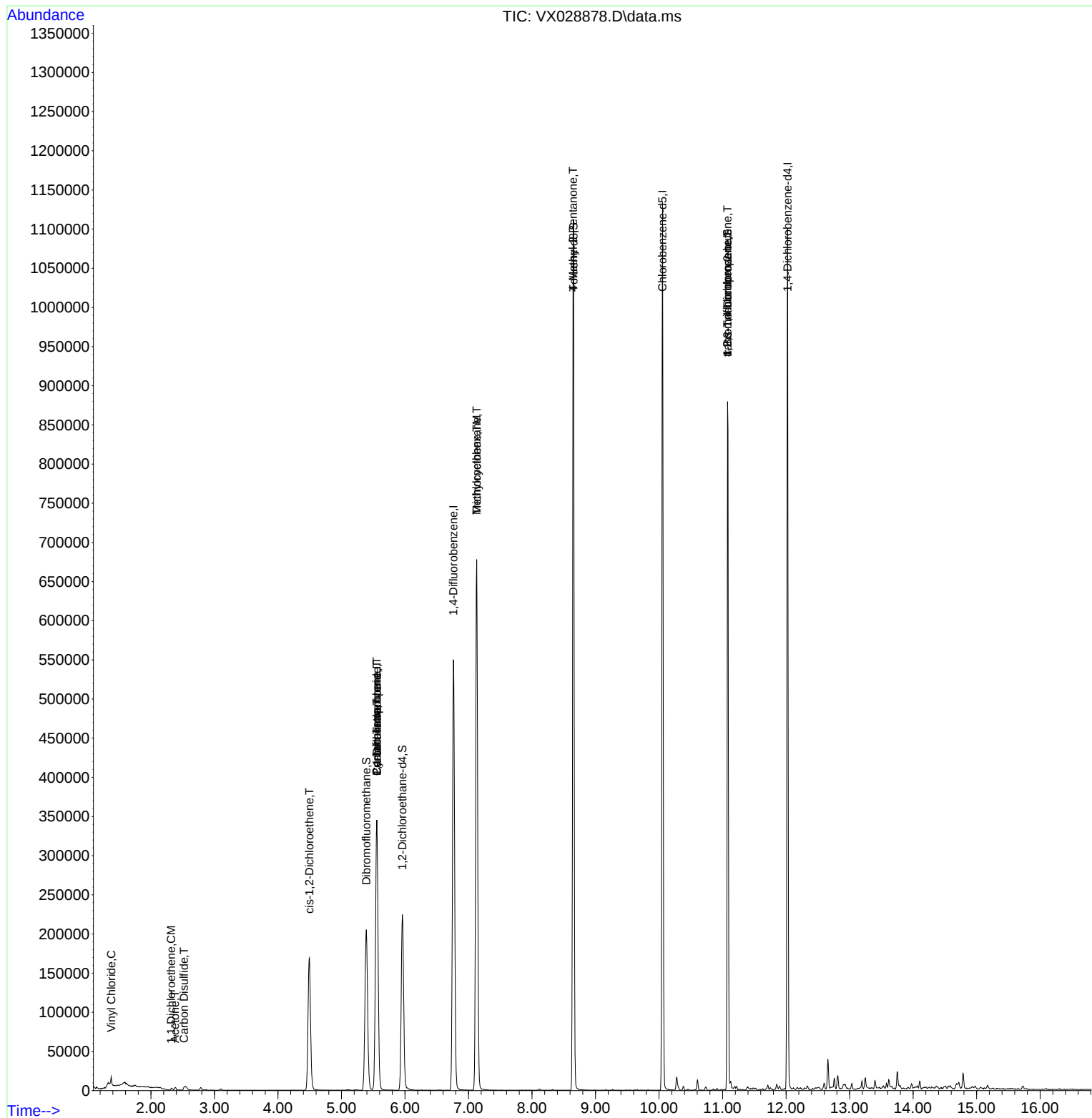
Internal Standards						
1) Pentafluorobenzene	5.556	168	316687	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	559186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	503735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	228163	52.559	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.120%	
35) Dibromofluoromethane	5.391	113	179501	48.994	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.980%	
50) Toluene-d8	8.653	98	662069	47.931	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.860%	
62) 4-Bromofluorobenzene	11.079	95	239977	46.514	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.020%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	5575	1.325	ug/l	# 74
5) Bromomethane	1.618	94	923	Below Cal		87
6) Chloroethane	1.593	64	1883	Below Cal	#	56
11) Tert butyl alcohol	2.953	59	127	Below Cal	#	72
12) 1,1-Dichloroethene	2.319	96	656	0.200	ug/l	# 90
16) Acetone	2.380	43	3943	2.116	ug/l	# 82
17) Carbon Disulfide	2.520	76	6011	0.707	ug/l	# 87
27) cis-1,2-Dichloroethene	4.495	96	111299	25.812	ug/l	89
31) Cyclohexane	5.556	56	6677	1.108	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	25525	4.639	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	33892	6.120	ug/l	# 16
39) Methylcyclohexane	7.129	83	3302	0.523	ug/l	# 1
44) Trichloroethene	7.129	130	262020	61.089	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	2874	0.485	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	124099	24.305	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	124099	70.766	ug/l	# 15

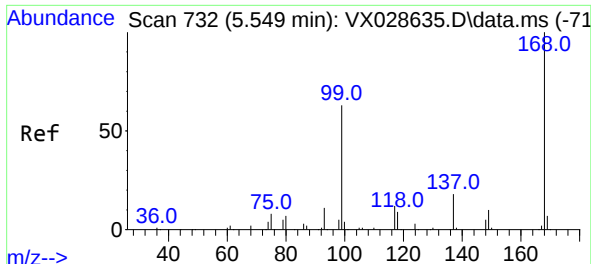
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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02BR-20220519

Quant Time: May 21 06:08:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

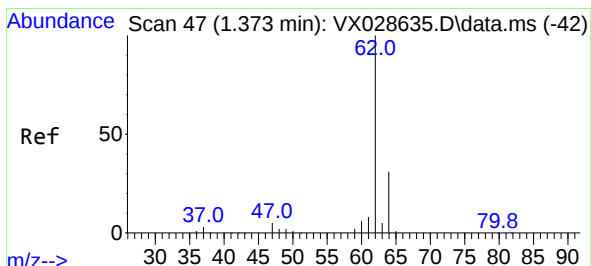
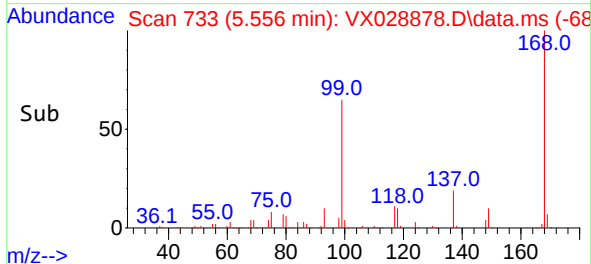
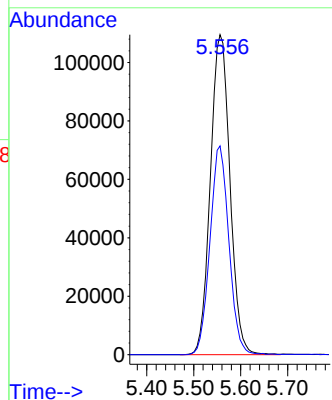
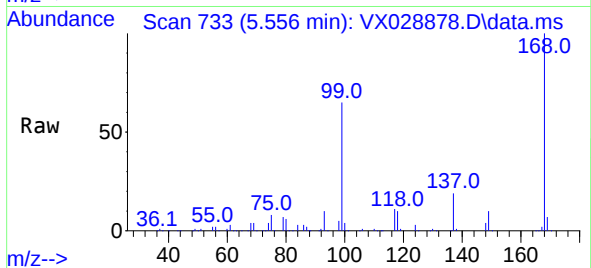




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

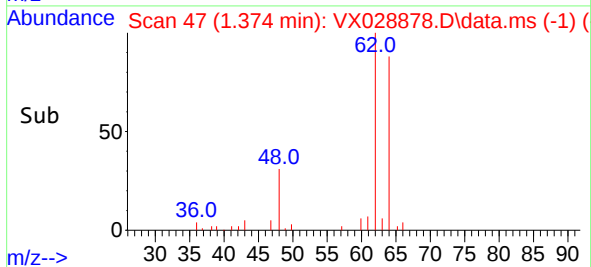
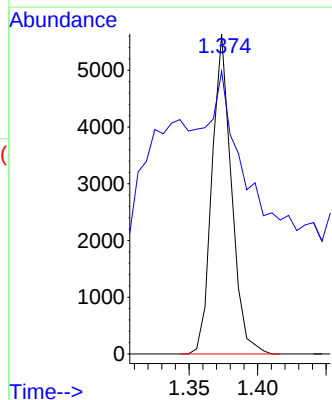
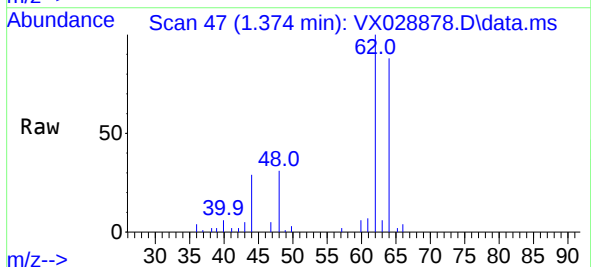
Instrument :
MSVOA_X
ClientSampleId :
02BR-20220519

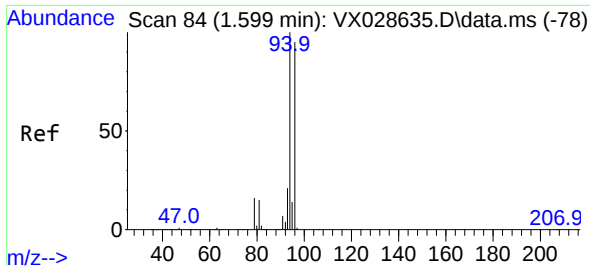
Tgt Ion:168 Resp: 316687
Ion Ratio Lower Upper
168 100
99 65.2 41.7 62.5#



#4
Vinyl Chloride
Concen: 1.325 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

Tgt Ion: 62 Resp: 5575
Ion Ratio Lower Upper
62 100
64 46.4 25.5 38.3#

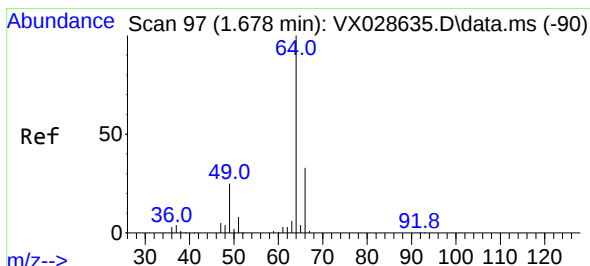
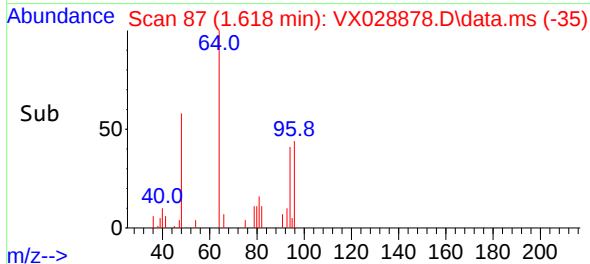
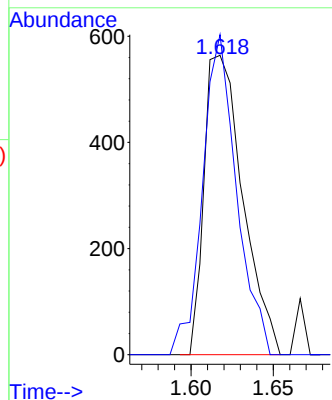
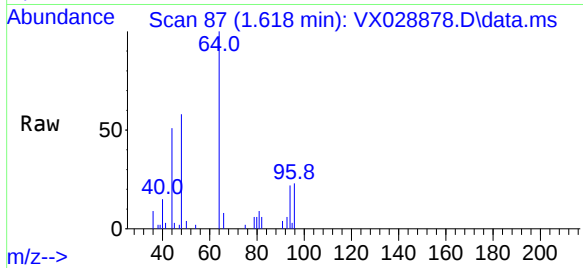




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

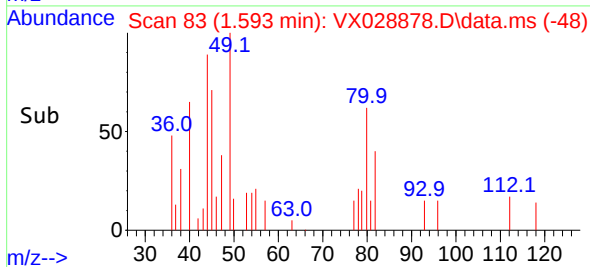
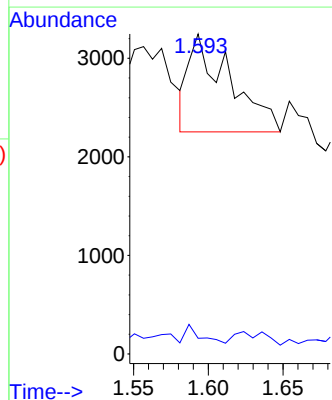
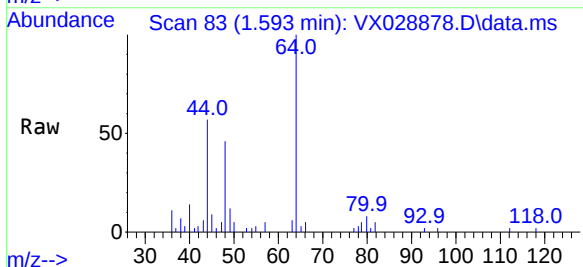
Instrument :
MSVOA_X
ClientSampleId :
02BR-20220519

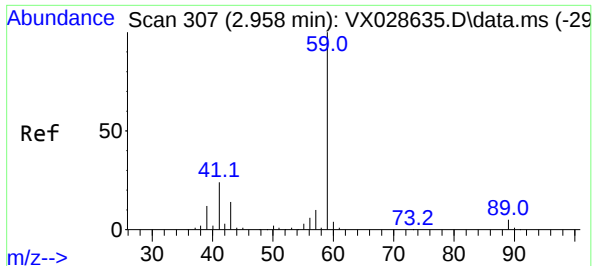
Tgt Ion: 94 Resp: 923
Ion Ratio Lower Upper
94 100
96 106.9 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.593 min Scan# 83
Delta R.T. -0.085 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

Tgt Ion: 64 Resp: 1883
Ion Ratio Lower Upper
64 100
66 7.0 25.3 37.9





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 307

Delta R.T. -0.005 min

Lab File: VX028878.D

Acq: 21 May 2022 03:01

Instrument :

MSVOA_X

ClientSampleId :

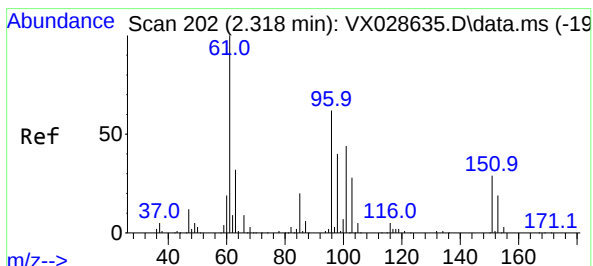
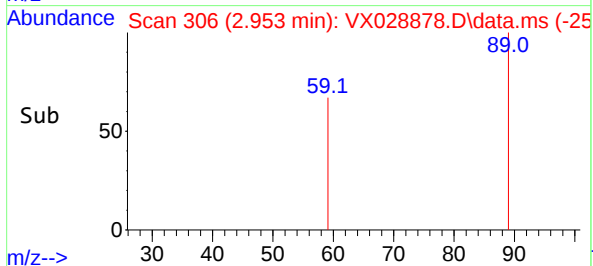
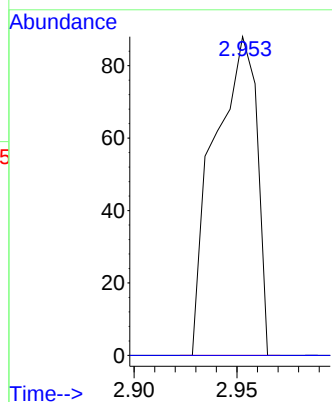
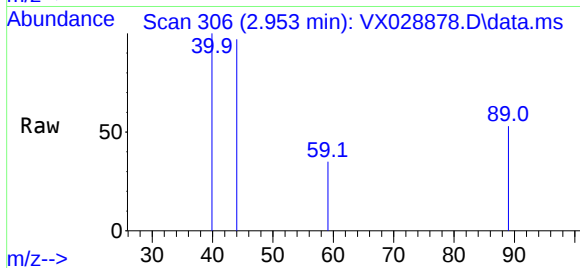
02BR-20220519

Tgt Ion: 59 Resp: 127

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 0.200 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX028878.D

Acq: 21 May 2022 03:01

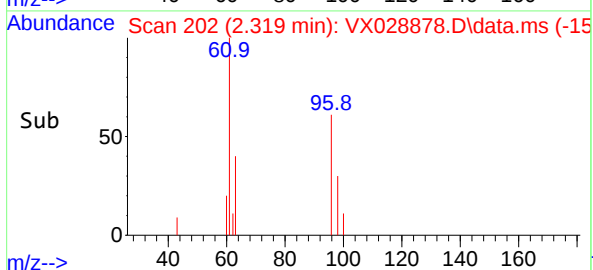
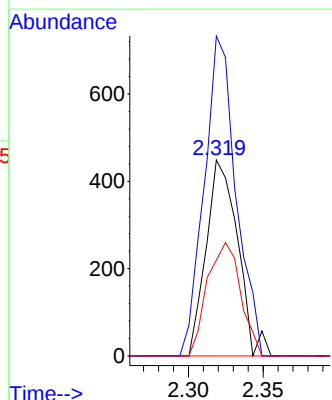
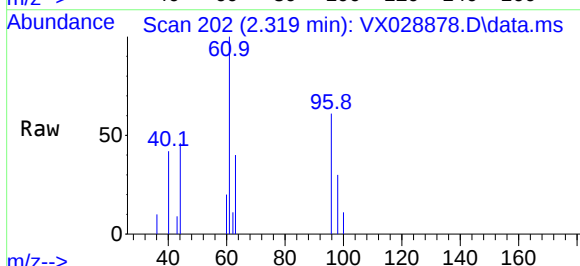
Tgt Ion: 96 Resp: 656

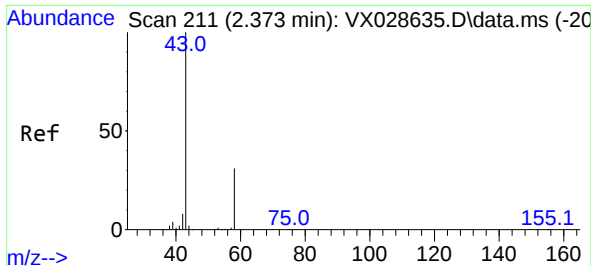
Ion Ratio Lower Upper

96 100

61 163.3 124.6 187.0

98 48.8 51.0 76.4#

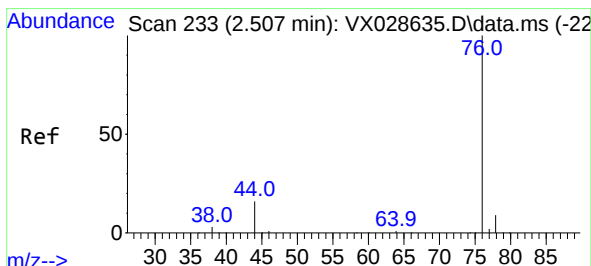
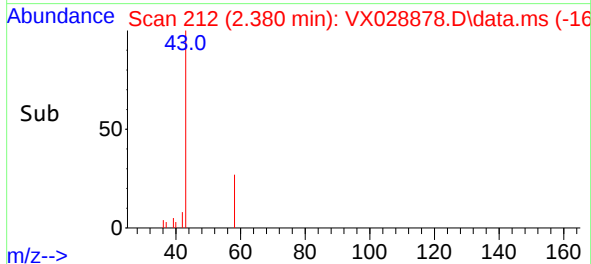
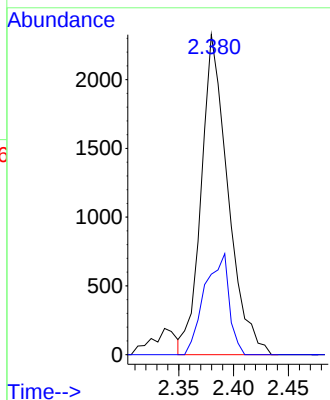
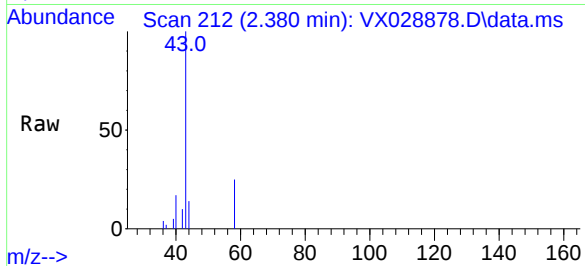




#16
Acetone
Concen: 2.116 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

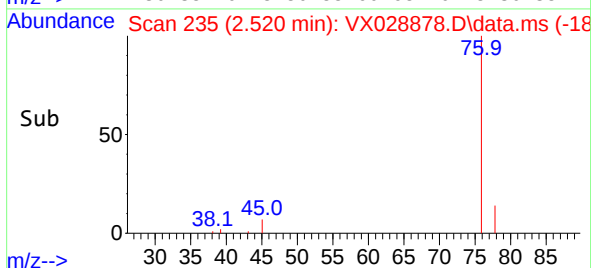
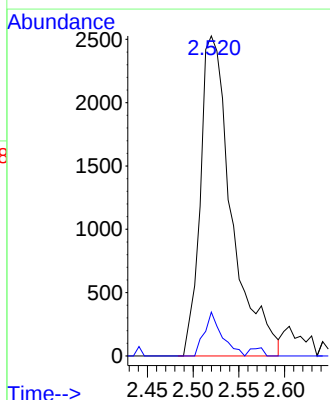
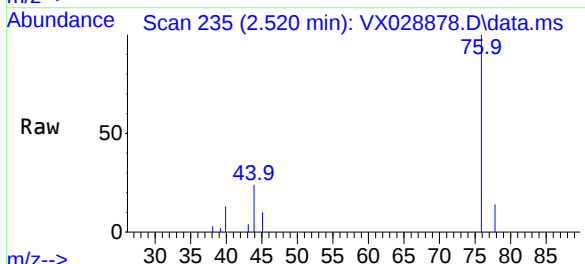
Instrument :
MSVOA_X
ClientSampleId :
02BR-20220519

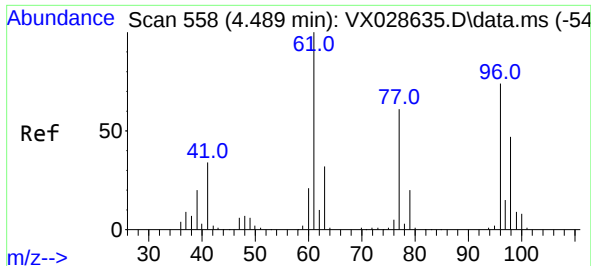
Tgt Ion: 43 Resp: 3943
Ion Ratio Lower Upper
43 100
58 25.1 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.707 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.013 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

Tgt Ion: 76 Resp: 6011
Ion Ratio Lower Upper
76 100
78 13.7 7.2 10.8#

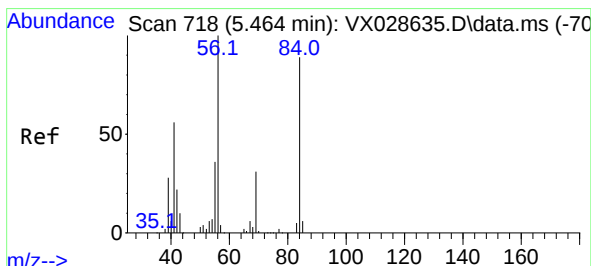
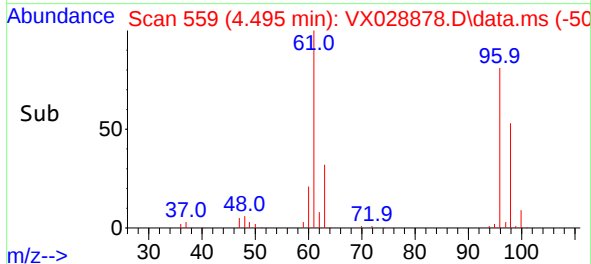
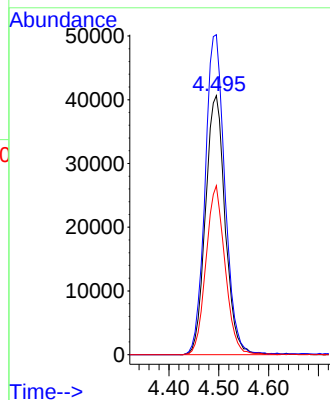
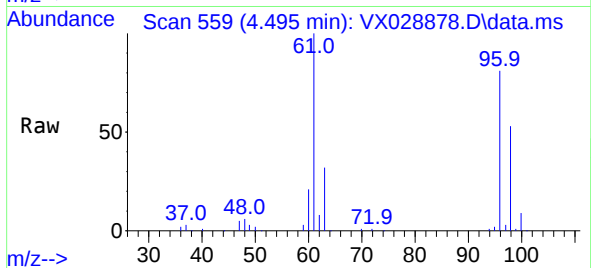




#27
cis-1,2-Dichloroethene
Concen: 25.812 ug/l
RT: 4.495 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

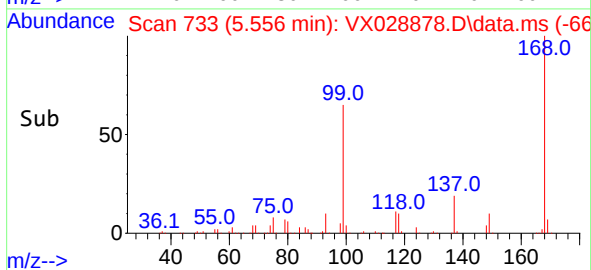
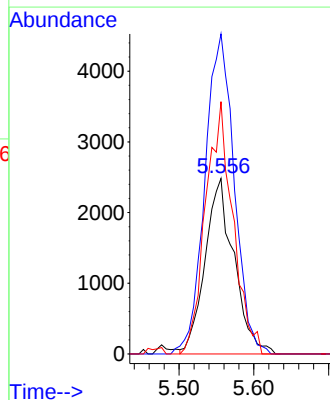
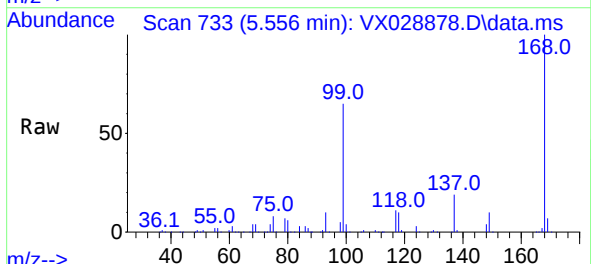
Instrument :
MSVOA_X
ClientSampleId :
02BR-20220519

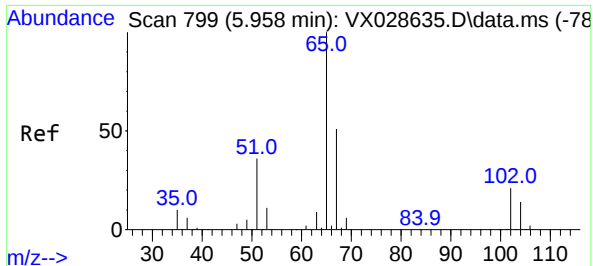
Tgt Ion: 96 Resp: 111299
Ion Ratio Lower Upper
96 100
61 123.9 0.0 283.8
98 63.4 0.0 129.8



#31
Cyclohexane
Concen: 1.108 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

Tgt Ion: 56 Resp: 6677
Ion Ratio Lower Upper
56 100
69 182.3 26.7 40.1#
84 143.7 77.2 115.8#

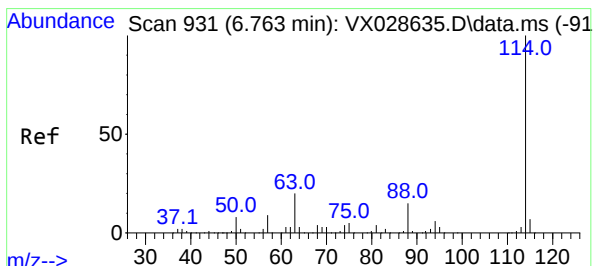
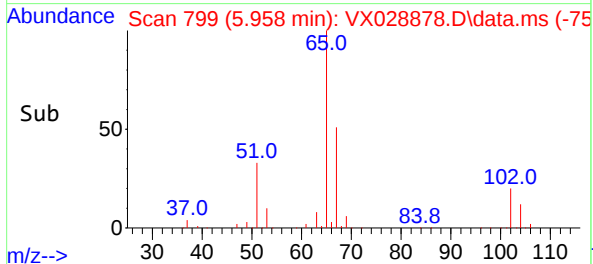
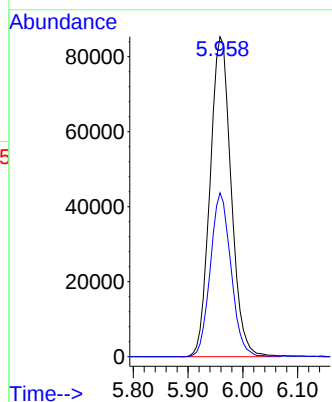
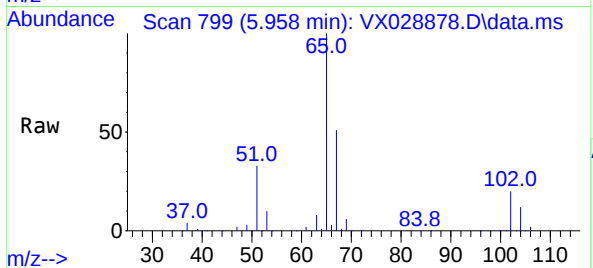




#33
 1,2-Dichloroethane-d4
 Concen: 52.559 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX028878.D
 Acq: 21 May 2022 03:01

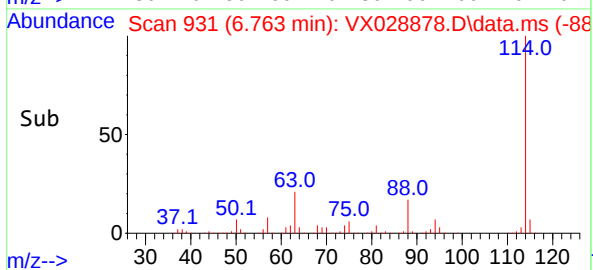
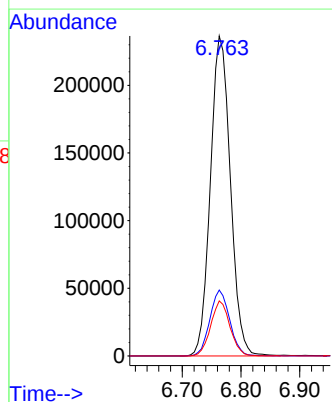
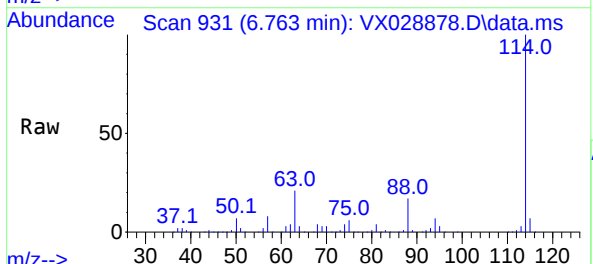
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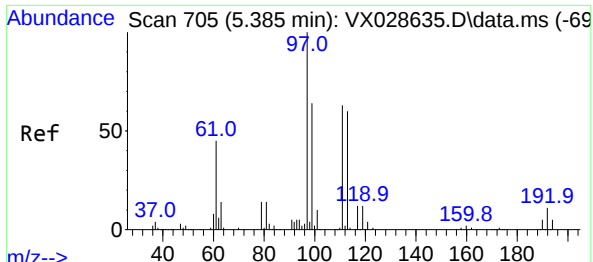
Tgt Ion: 65 Resp: 228163
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX028878.D
 Acq: 21 May 2022 03:01

Tgt Ion: 114 Resp: 559186
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 36.8
 88 17.2 0.0 32.4

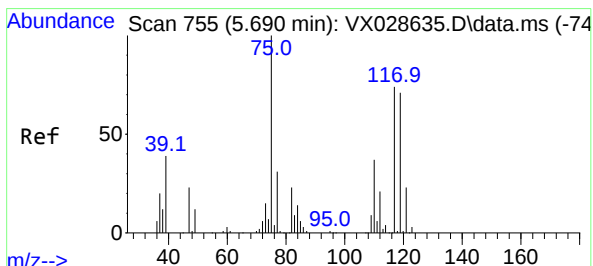
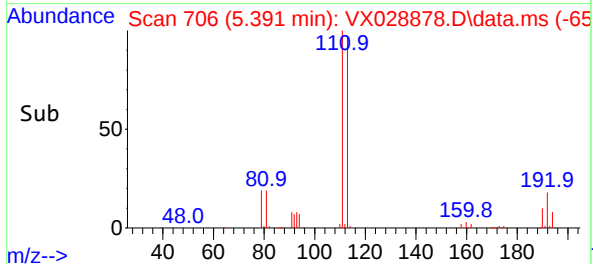
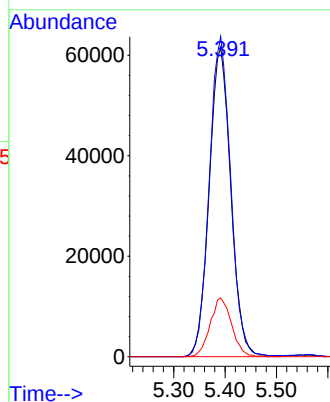
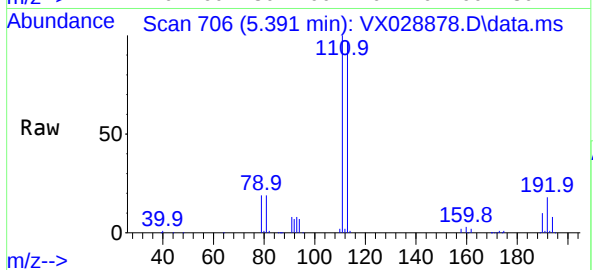




#35
Dibromofluoromethane
Concen: 48.994 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

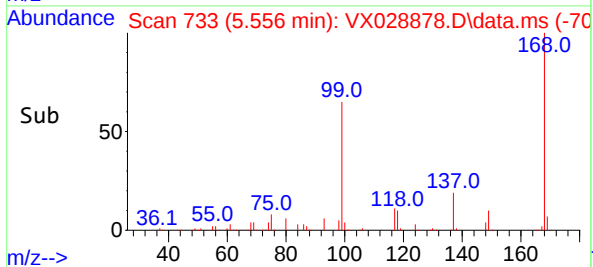
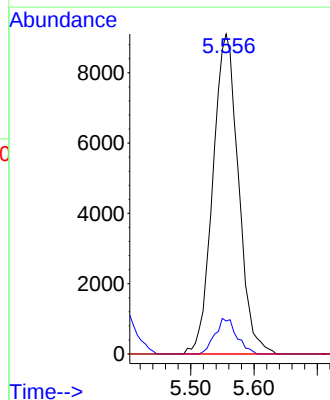
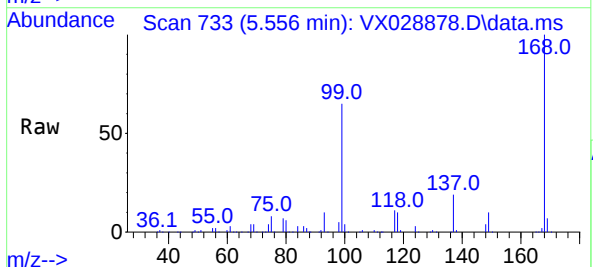
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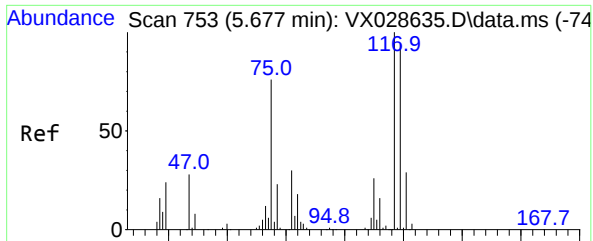
Tgt Ion:113 Resp: 179501
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.639 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

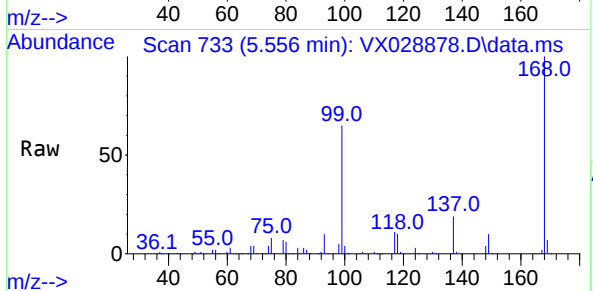
Tgt Ion: 75 Resp: 25525
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#



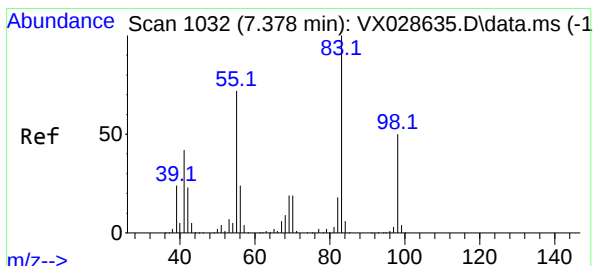
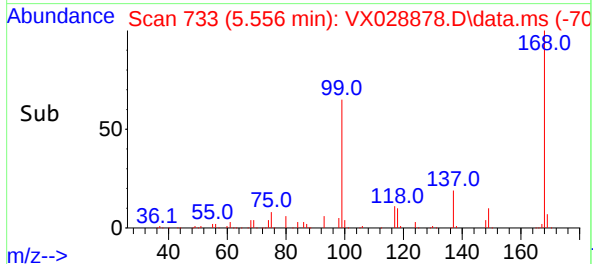
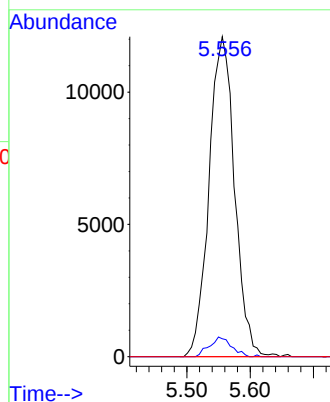


#38
Carbon Tetrachloride
Concen: 6.120 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

Instrument :
MSVOA_X
ClientSampleId :
02BR-20220519

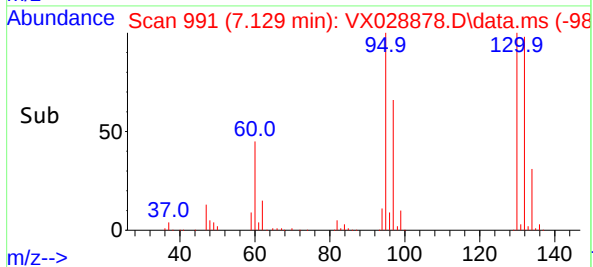
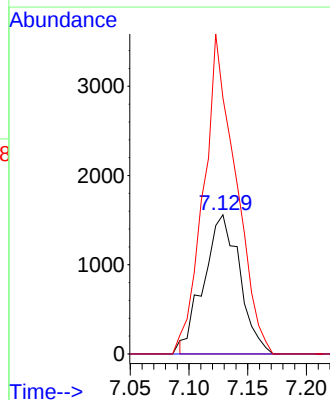
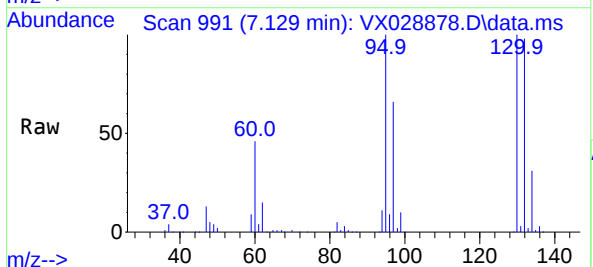


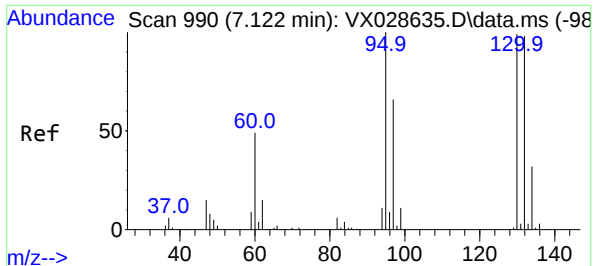
Tgt Ion:117 Resp: 33892
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.523 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.249 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

Tgt Ion: 83 Resp: 3302
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 184.1 37.4 56.2#

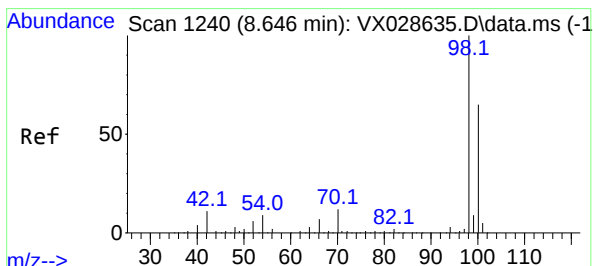
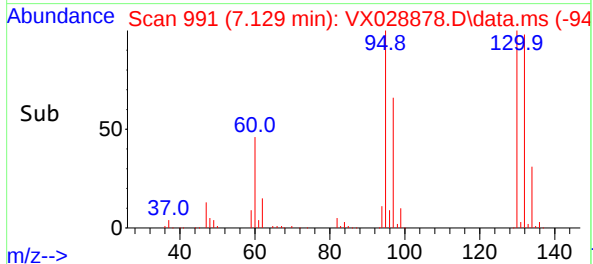
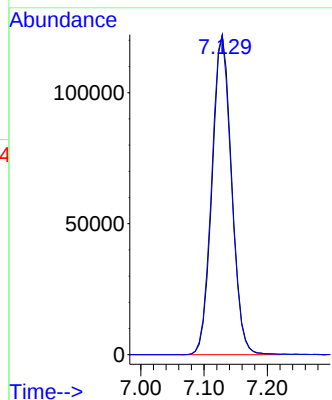
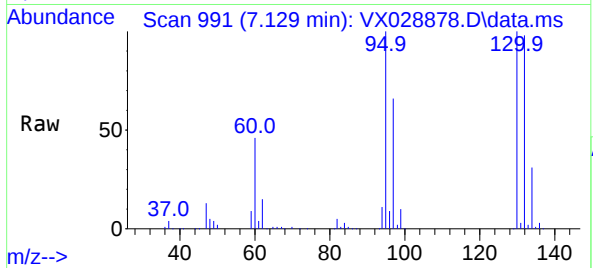




#44
Trichloroethene
Concen: 61.089 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

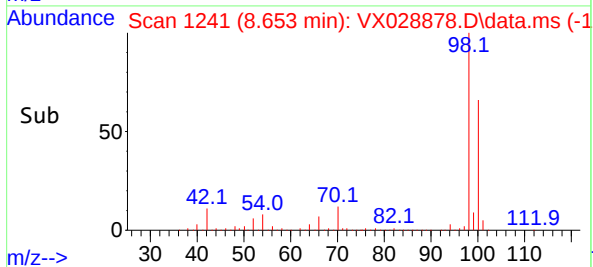
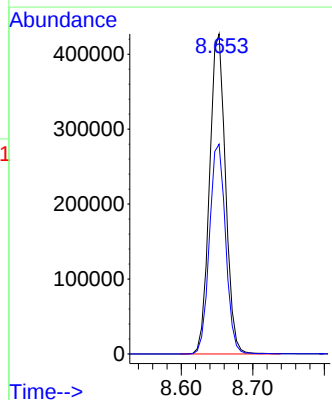
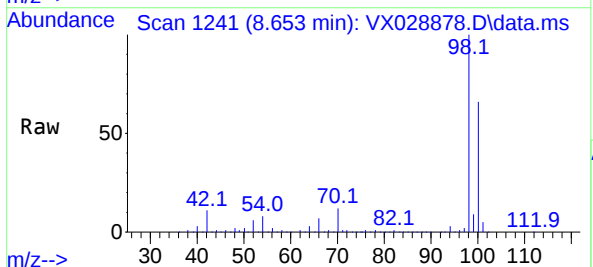
Instrument :
MSVOA_X
ClientSampleId :
02BR-20220519

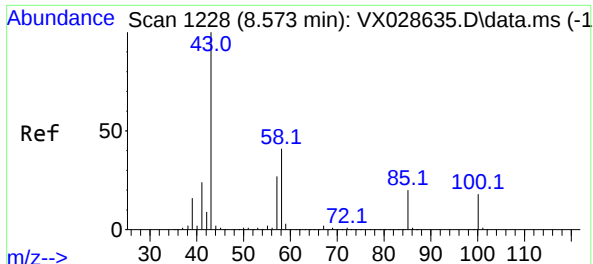
Tgt Ion:130 Resp: 262020
Ion Ratio Lower Upper
130 100
95 100.2 0.0 188.8



#50
Toluene-d8
Concen: 47.931 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

Tgt Ion: 98 Resp: 662069
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

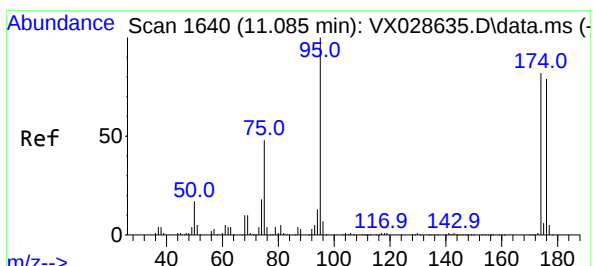
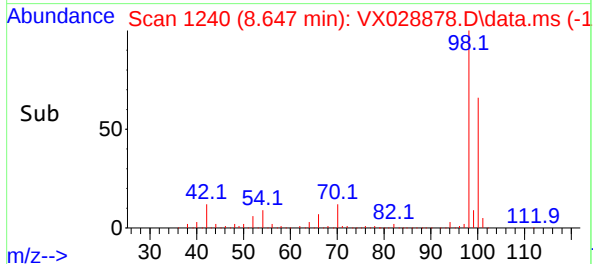
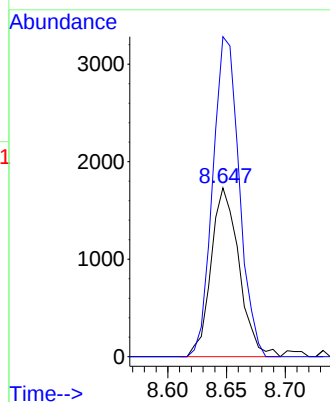
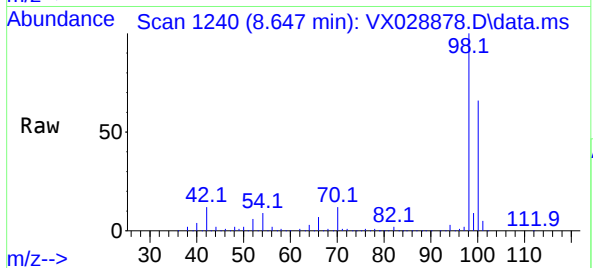




#51
4-Methyl-2-Pentanone
Concen: 0.485 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

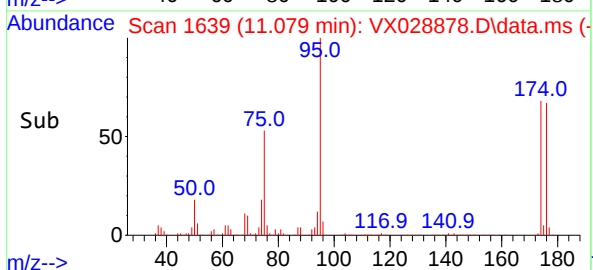
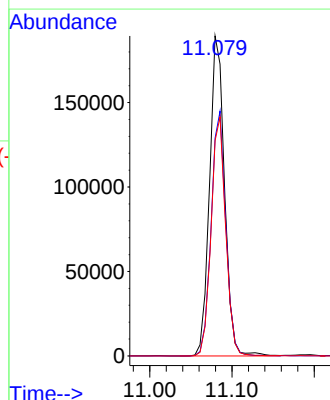
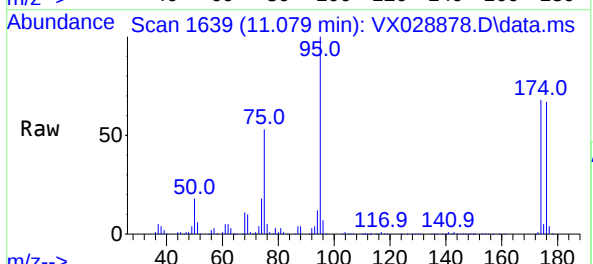
Instrument :
MSVOA_X
ClientSampleId :
02BR-20220519

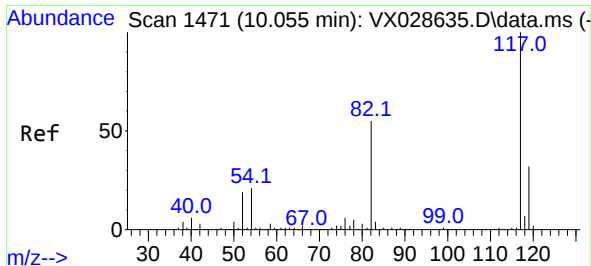
Tgt Ion: 43 Resp: 2874
Ion Ratio Lower Upper
43 100
58 178.8 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 46.514 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

Tgt Ion: 95 Resp: 239977
Ion Ratio Lower Upper
95 100
174 74.5 0.0 163.0
176 72.5 0.0 155.0

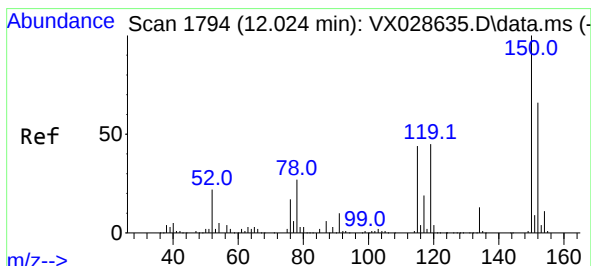
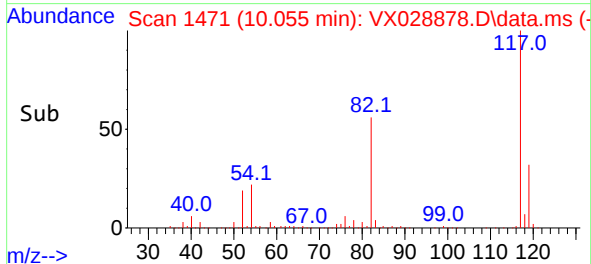
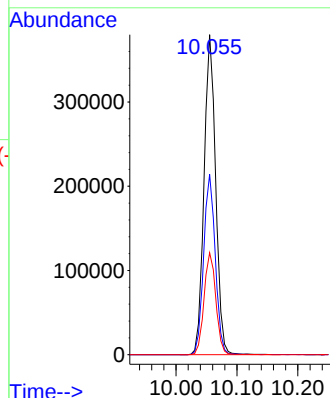
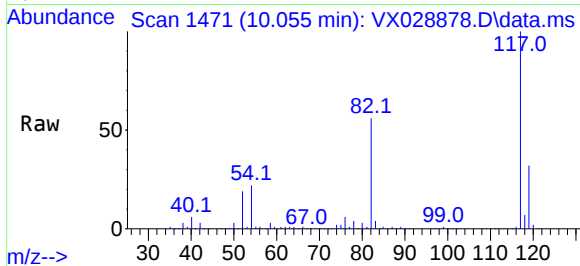




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

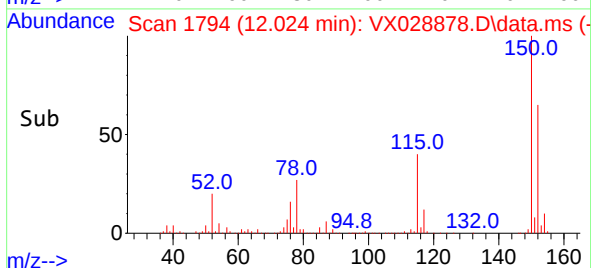
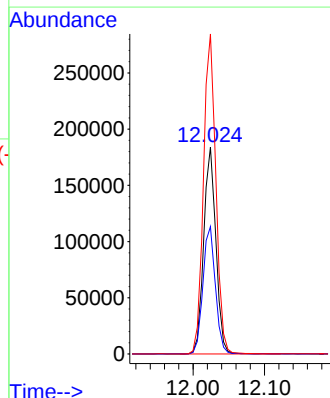
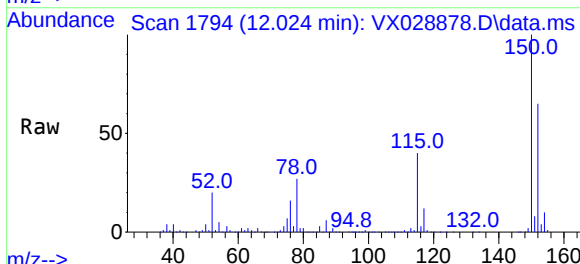
Instrument :
MSVOA_X
ClientSampleId :
02BR-20220519

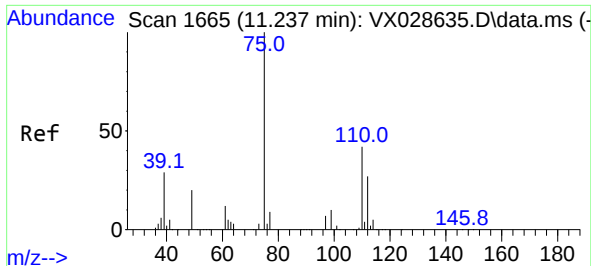
Tgt Ion:117 Resp: 503735
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

Tgt Ion:152 Resp: 218023
Ion Ratio Lower Upper
152 100
115 62.8 37.5 112.7
150 157.3 0.0 338.2

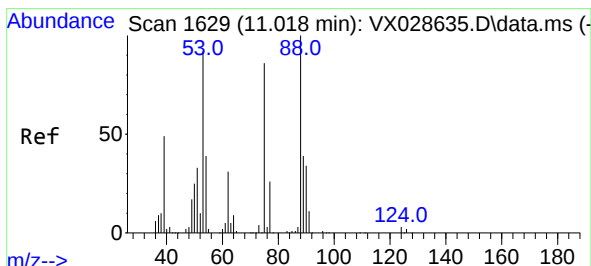
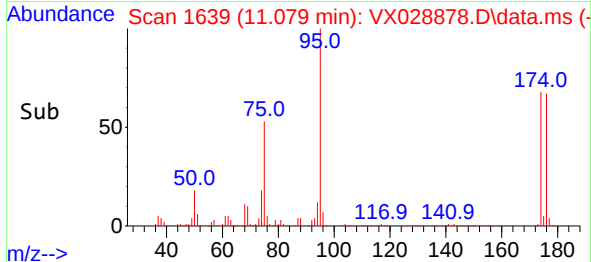
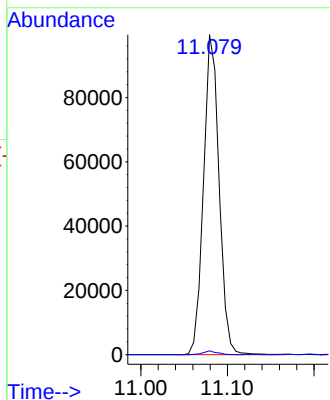
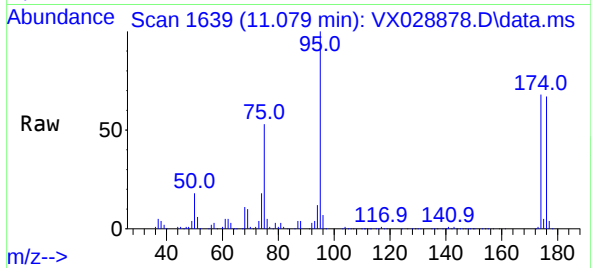




#76
1,2,3-Trichloropropane
Concen: 24.305 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

Instrument :
MSVOA_X
ClientSampleId :
02BR-20220519

Tgt Ion: 75 Resp: 124099
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.766 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028878.D
Acq: 21 May 2022 03:01

Tgt Ion: 75 Resp: 124099
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

