

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029175.D
 Acq On : 03 Jun 2022 07:51
 Operator : JC/MD
 Sample : N3164-15 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 38BR-20220531

Quant Time: Jun 03 09:43:33 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)

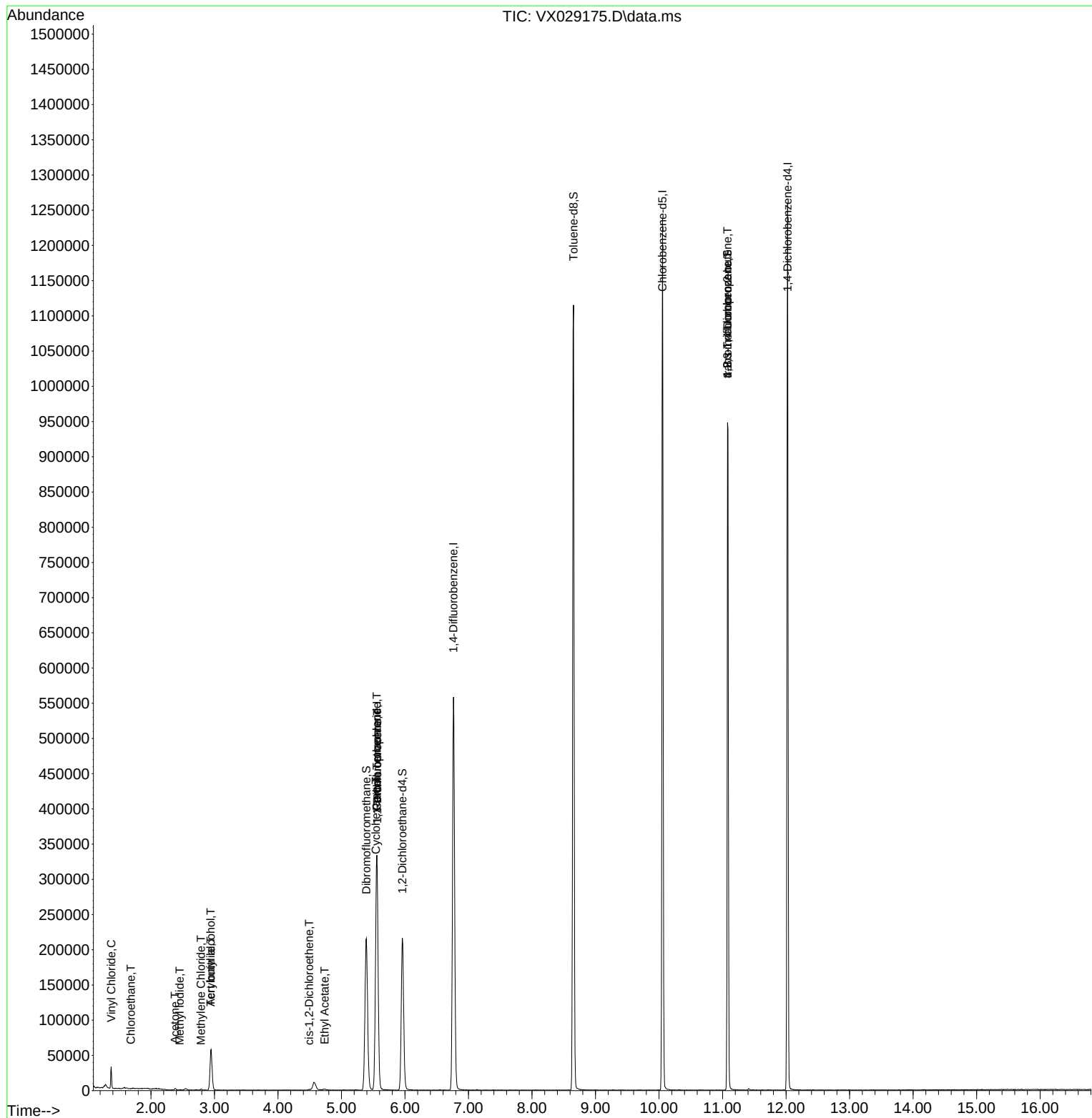
Internal Standards						
1) Pentafluorobenzene	5.556	168	315517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	587739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	569000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	257261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206888	58.149	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	116.300%
35) Dibromofluoromethane	5.391	113	192098	49.207	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.420%
50) Toluene-d8	8.653	98	689168	48.267	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.540%
62) 4-Bromofluorobenzene	11.079	95	272627	49.396	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.800%
Target Compounds			Qvalue			
4) Vinyl Chloride	1.374	62	18707	5.926	ug/l	97
5) Bromomethane	1.611	94	627	Below Cal	#	65
6) Chloroethane	1.685	64	247	1.492	ug/l #	43
10) Methyl Iodide	2.453	142	454	4.344	ug/l #	88
11) Tert butyl alcohol	2.941	59	32827	39.829	ug/l #	72
15) Acrylonitrile	2.941	53	545	0.321	ug/l #	18
16) Acetone	2.380	43	2228	1.590	ug/l	95
20) Methylene Chloride	2.788	84	721	0.221	ug/l #	81
27) cis-1,2-Dichloroethene	4.489	96	798	0.209	ug/l	55
31) Cyclohexane	5.544	56	6000	1.297	ug/l #	14
36) 1,1-Dichloropropene	5.562	75	24265	4.831	ug/l #	50
37) Ethyl Acetate	4.733	43	2201	0.452	ug/l #	87
38) Carbon Tetrachloride	5.556	117	32743	5.704	ug/l #	16
44) Trichloroethene	7.135	130	193	Below Cal		94
76) 1,2,3-Trichloropropane	11.079	75	128726	24.683	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	128726	72.416	ug/l #	15

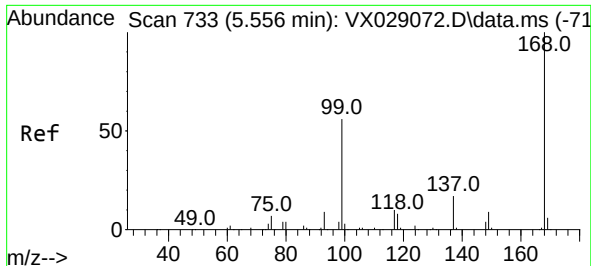
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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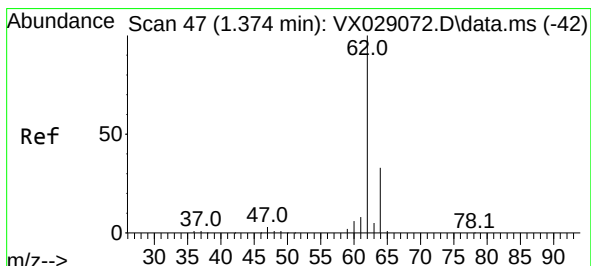
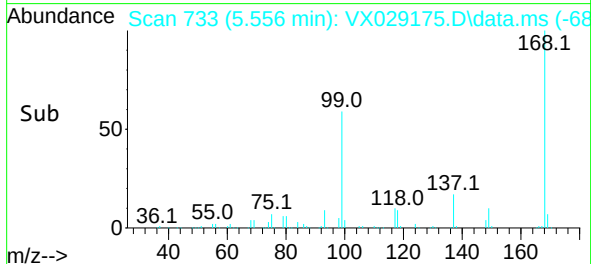
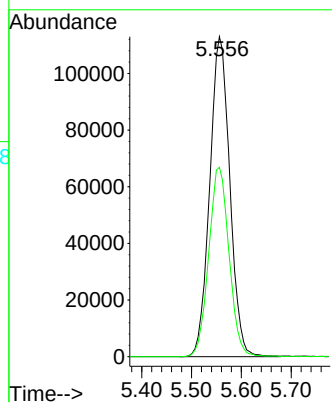
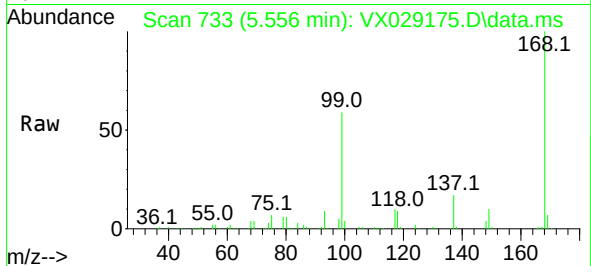




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

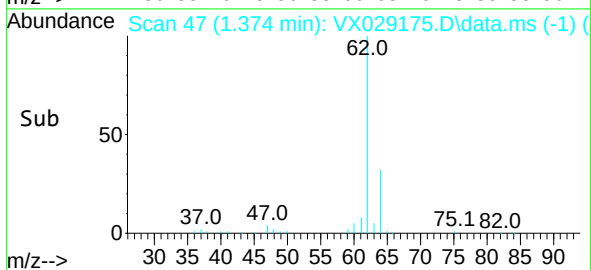
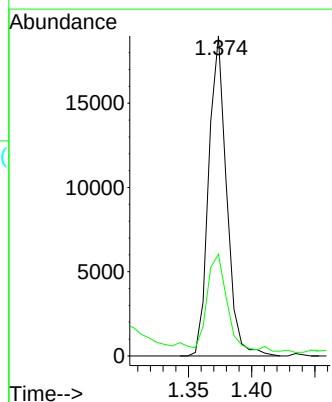
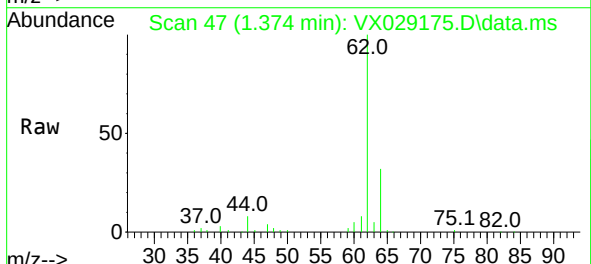
Instrument :
MSVOA_X
ClientSampleId :
38BR-20220531

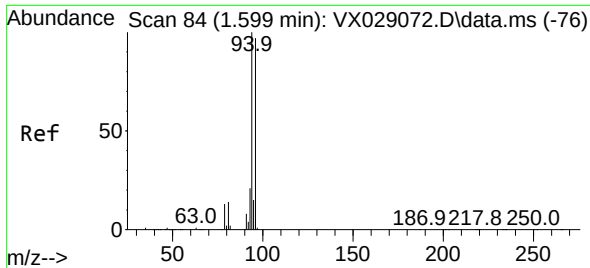
Tgt Ion:168 Resp: 315517
Ion Ratio Lower Upper
168 100
99 59.2 41.7 62.5



#4
Vinyl Chloride
Concen: 5.926 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

Tgt Ion: 62 Resp: 18707
Ion Ratio Lower Upper
62 100
64 30.3 25.5 38.3

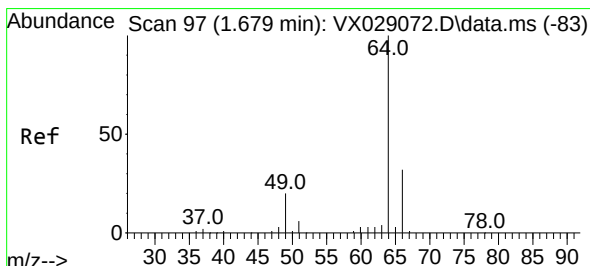
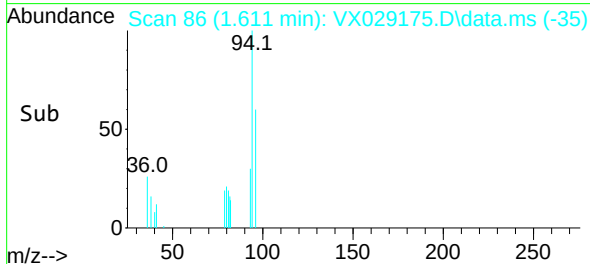
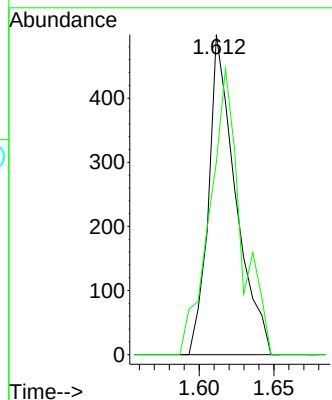
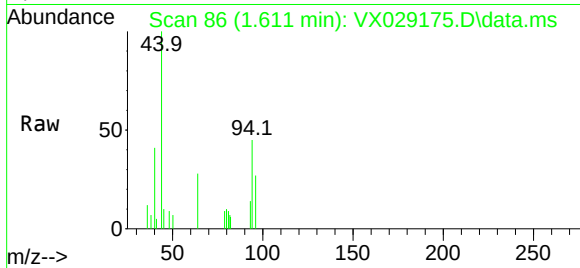




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

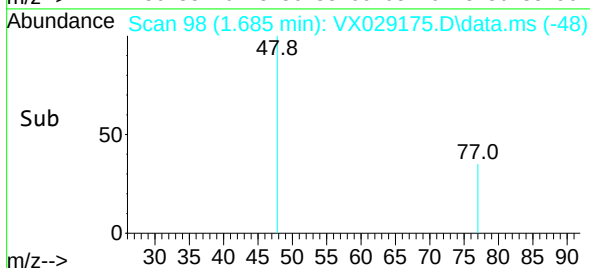
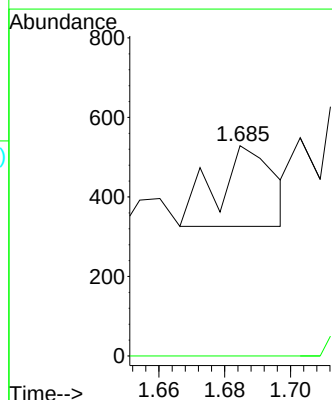
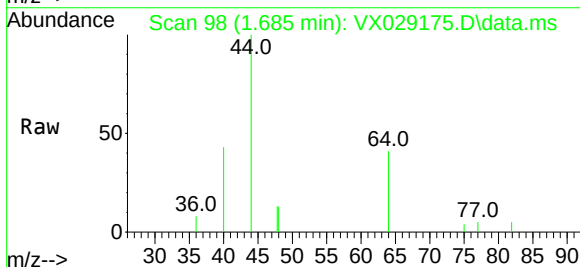
Instrument :
MSVOA_X
ClientSampleId :
38BR-20220531

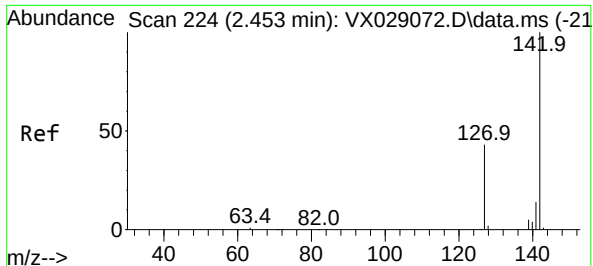
Tgt Ion: 94 Resp: 627
Ion Ratio Lower Upper
94 100
96 60.1 75.3 112.9#



#6
Chloroethane
Concen: 1.492 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

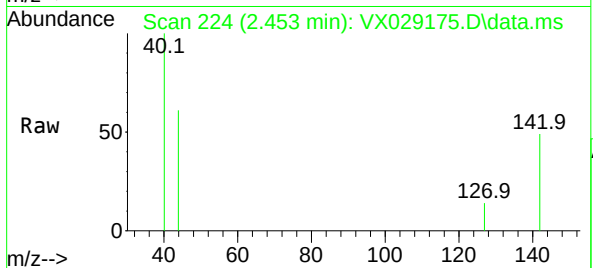
Tgt Ion: 64 Resp: 247
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



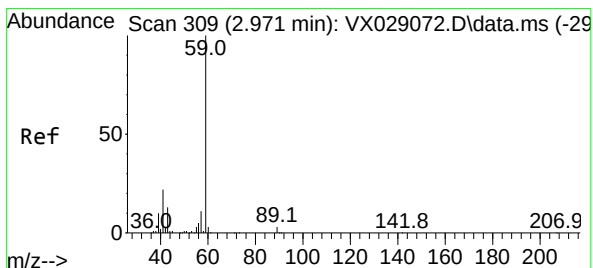
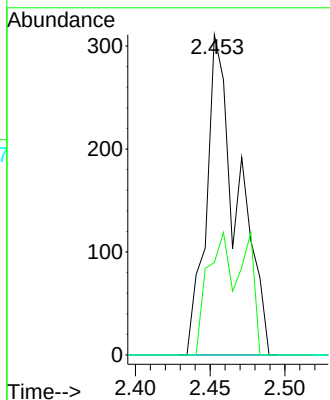
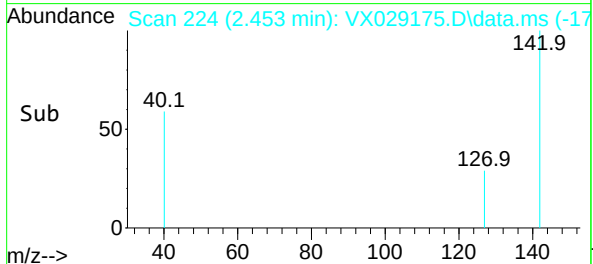


#10
Methyl Iodide
Concen: 4.344 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

Instrument :
MSVOA_X
ClientSampleId :
38BR-20220531

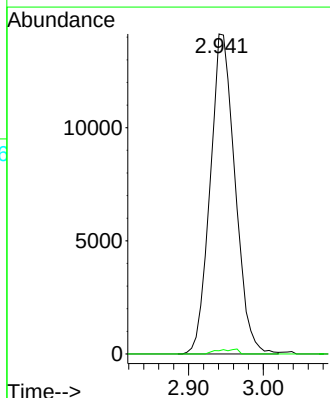
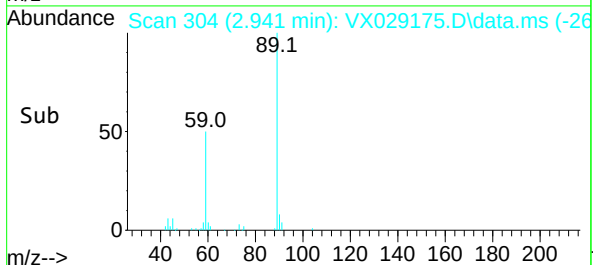
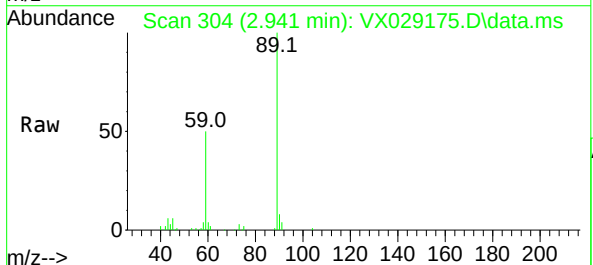


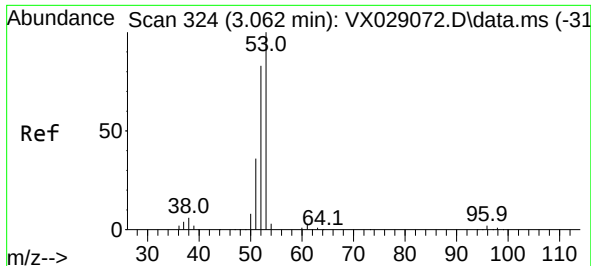
Tgt Ion:142 Resp: 454
Ion Ratio Lower Upper
142 100
127 44.9 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 39.829 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.030 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

Tgt Ion: 59 Resp: 32827
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

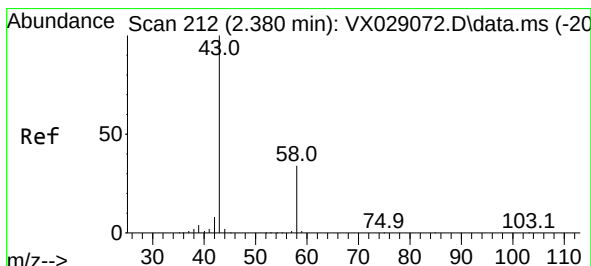
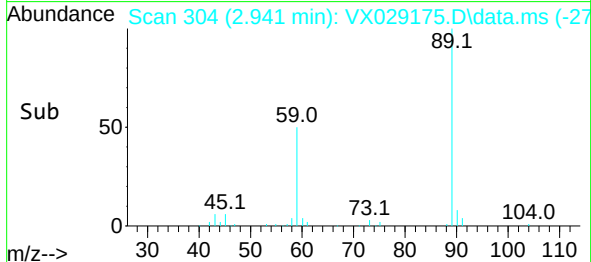
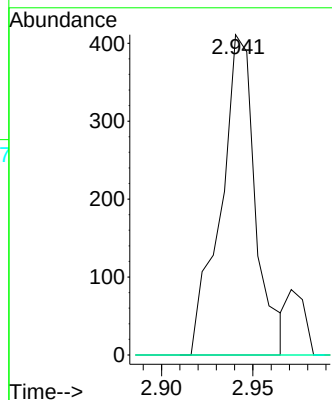
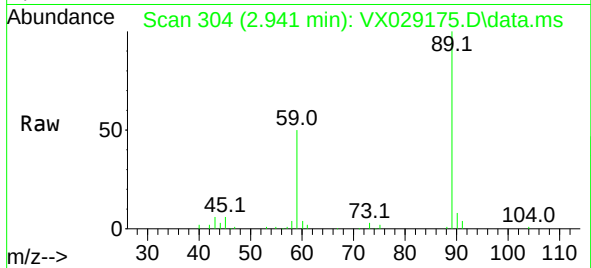




#15
Acrylonitrile
Concen: 0.321 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.121 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

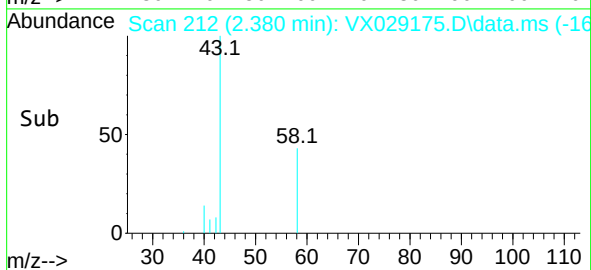
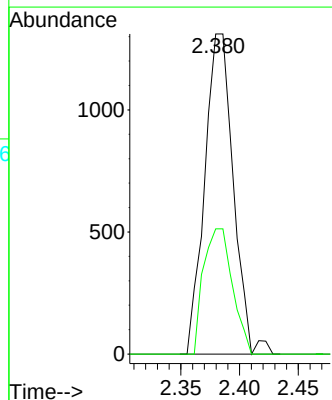
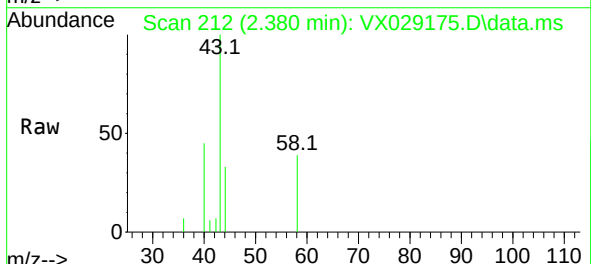
Instrument :
MSVOA_X
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38BR-20220531

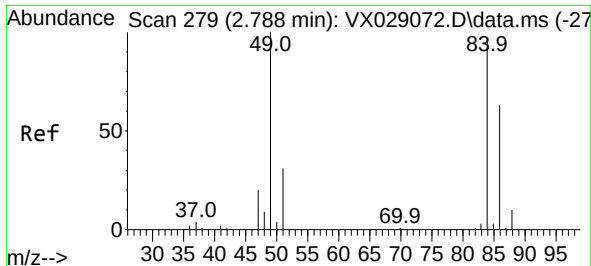
Tgt Ion: 53 Resp: 545
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 0.0 28.4 42.6#



#16
Acetone
Concen: 1.590 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

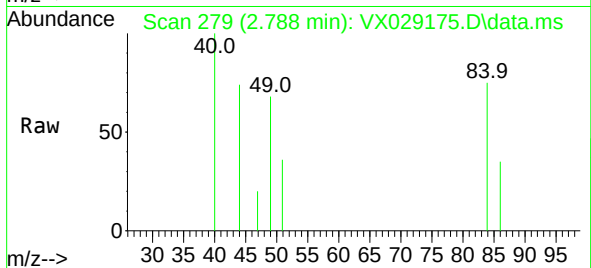
Tgt Ion: 43 Resp: 2228
Ion Ratio Lower Upper
43 100
58 39.1 28.8 43.2



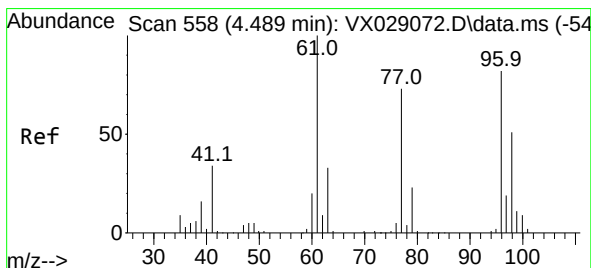
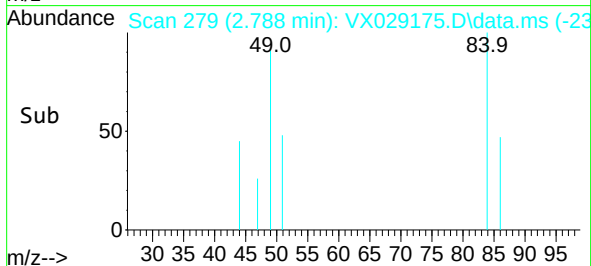
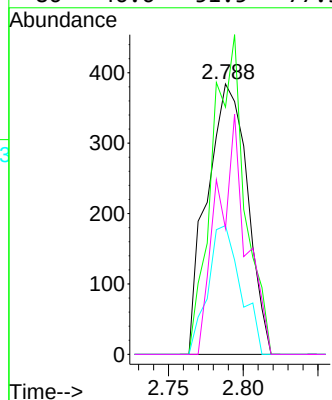


#20
Methylene Chloride
Concen: 0.221 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

Instrument :
MSVOA_X
ClientSampleId :
38BR-20220531

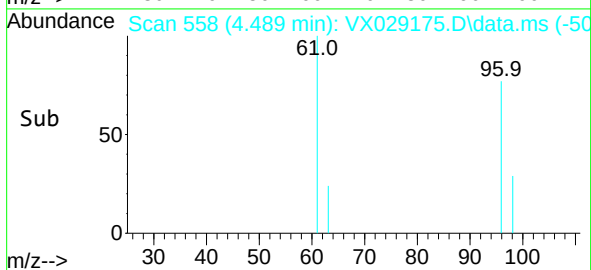
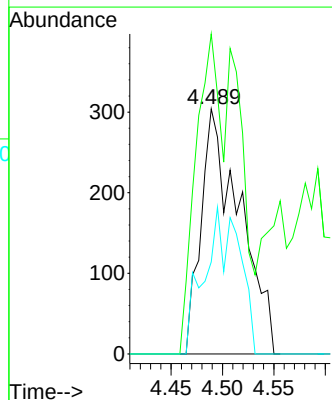
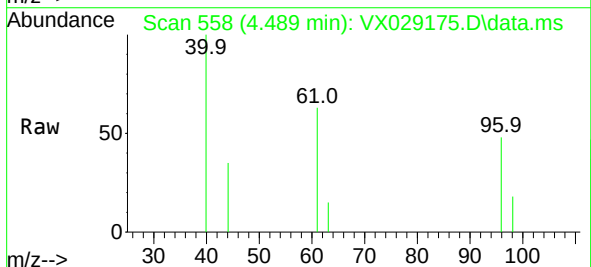


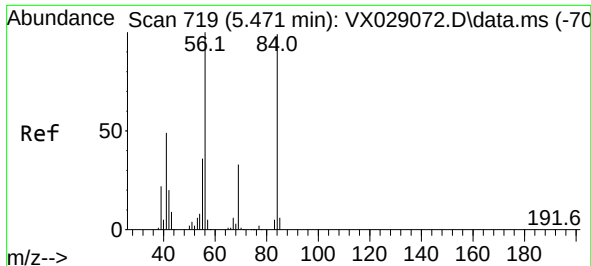
Tgt Ion:	84	Resp:	721
Ion	Ratio	Lower	Upper
84	100		
49	91.4	85.5	128.3
51	47.7	26.6	39.8#
86	46.6	51.5	77.3#



#27
cis-1,2-Dichloroethene
Concen: 0.209 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

Tgt Ion:	96	Resp:	798
Ion	Ratio	Lower	Upper
96	100		
61	86.2	0.0	283.8
98	30.7	0.0	129.8

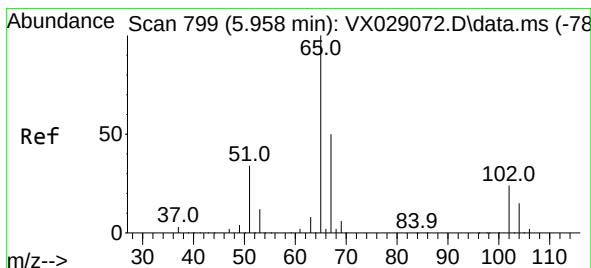
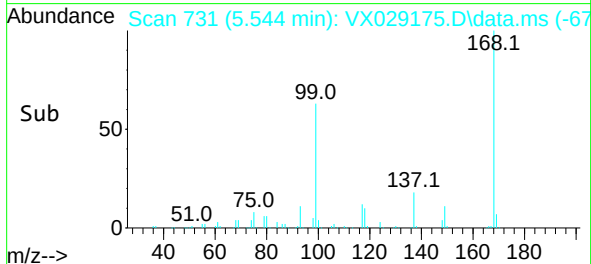
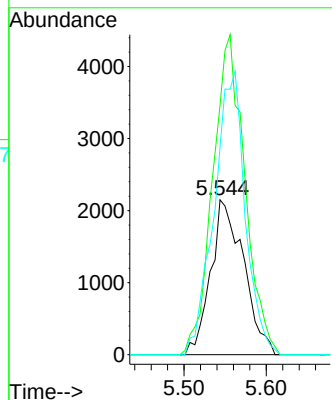
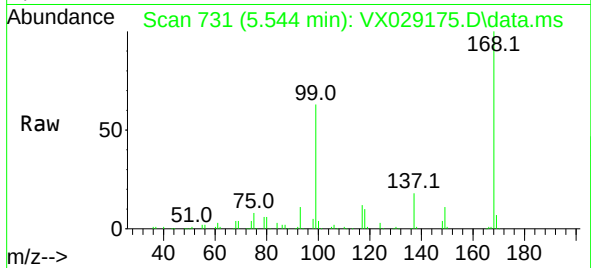




#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

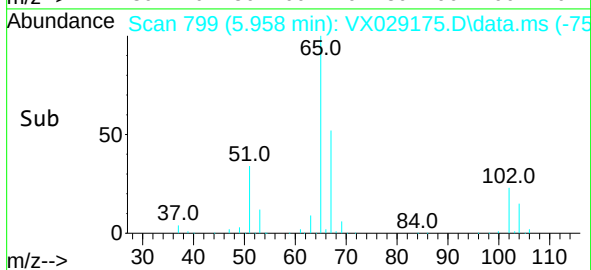
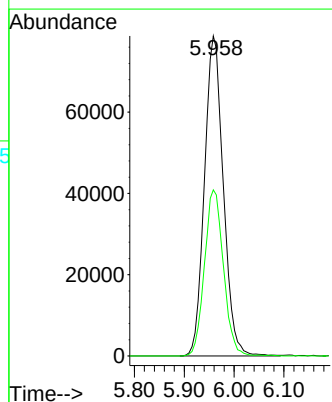
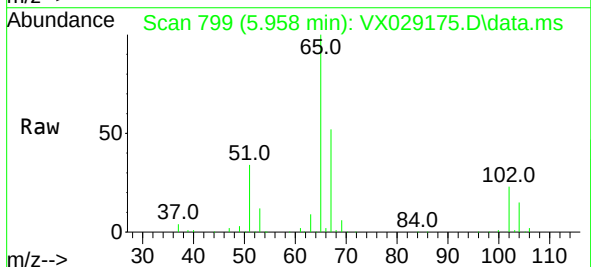
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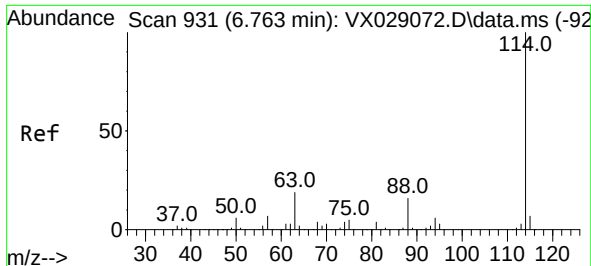
Tgt Ion: 56 Resp: 6000
Ion Ratio Lower Upper
56 100
69 160.9 26.7 40.1#
84 134.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 58.149 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

Tgt Ion: 65 Resp: 206888
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

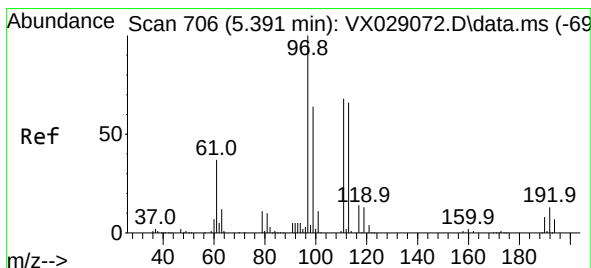
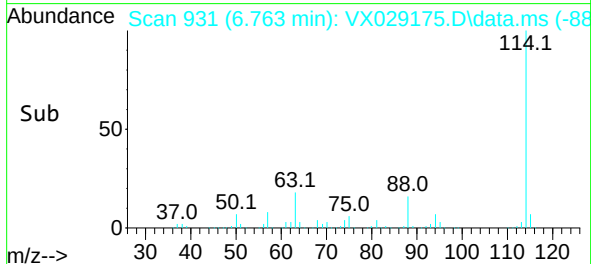
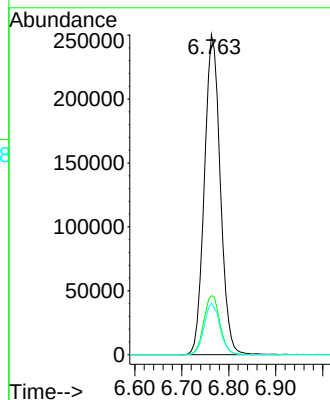
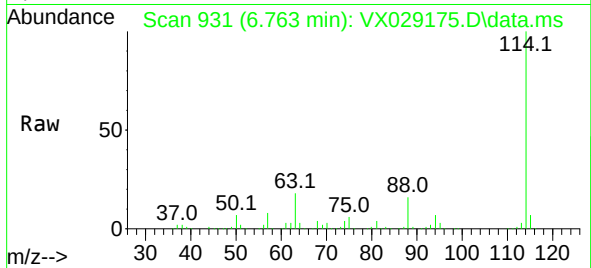




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

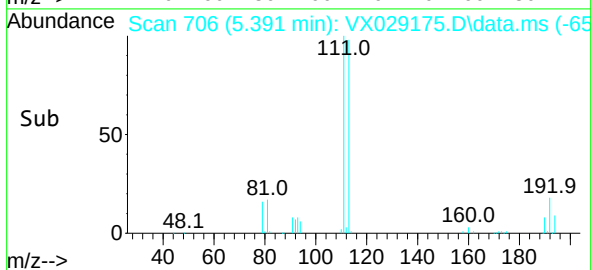
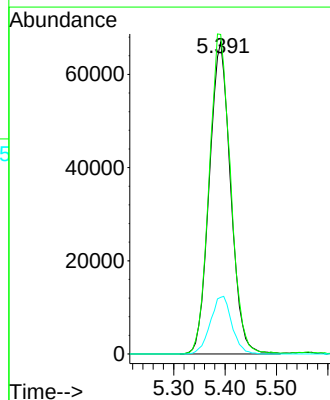
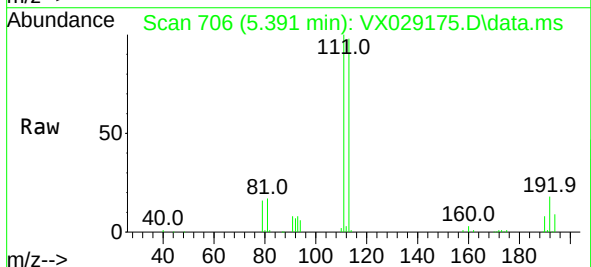
Instrument :
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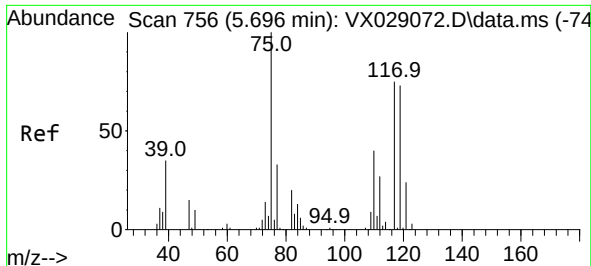
Tgt Ion:114 Resp: 587739
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.207 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

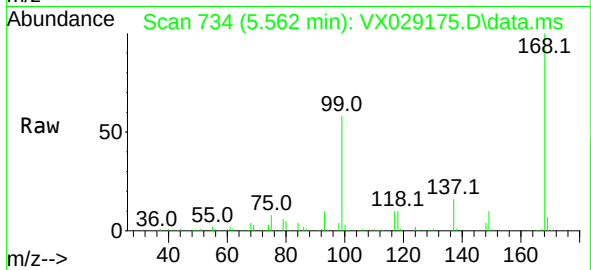
Tgt Ion:113 Resp: 192098
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 18.6 16.9 25.3



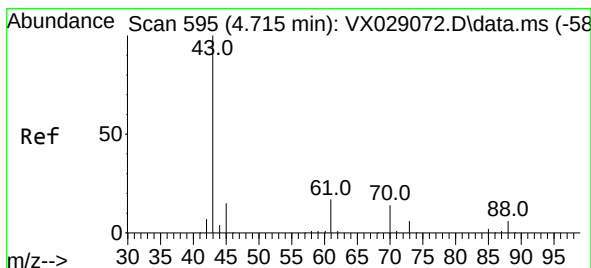
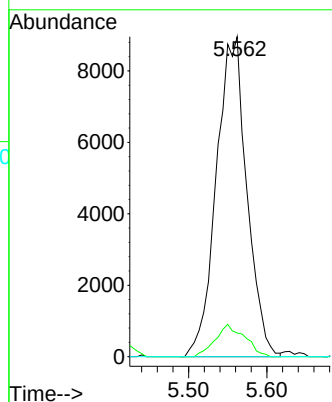
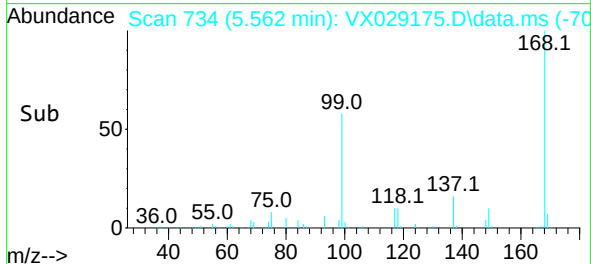


#36
1,1-Dichloropropene
Concen: 4.831 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

Instrument :
MSVOA_X
ClientSampleId :
38BR-20220531

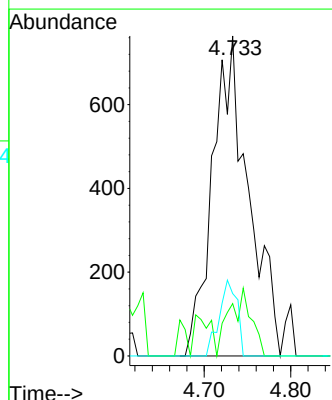
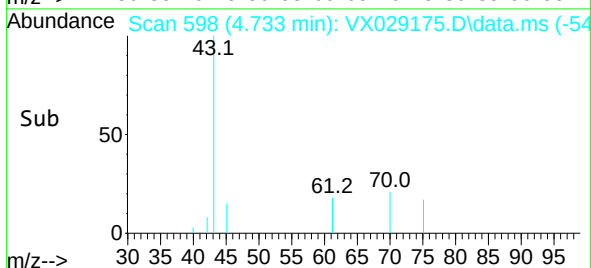
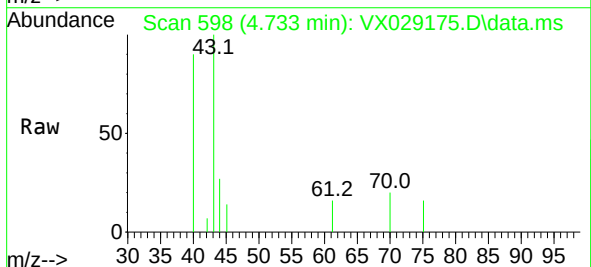


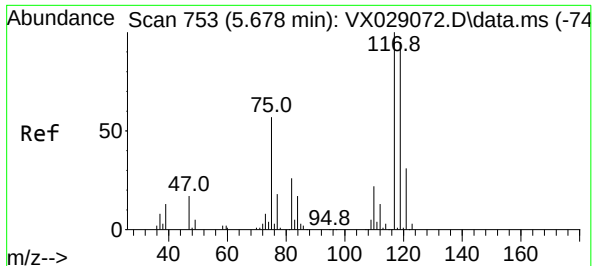
Tgt Ion: 75 Resp: 24265
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 0.452 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

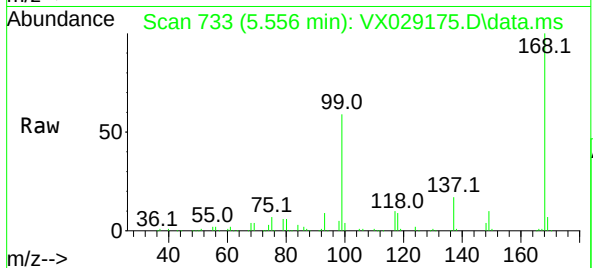
Tgt Ion: 43 Resp: 2201
Ion Ratio Lower Upper
43 100
61 6.5 12.6 19.0#
70 11.7 10.2 15.2



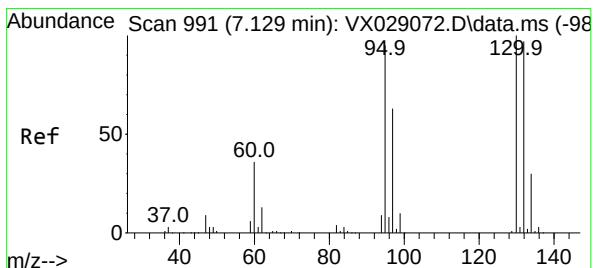
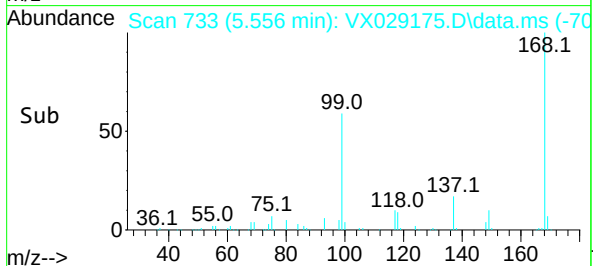
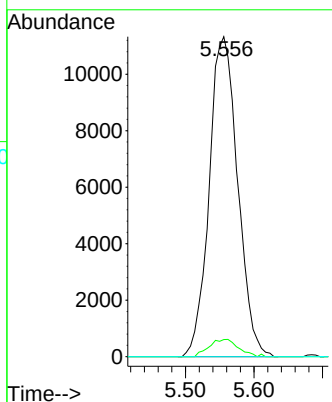


#38
Carbon Tetrachloride
Concen: 5.704 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

Instrument :
MSVOA_X
ClientSampleId :
38BR-20220531

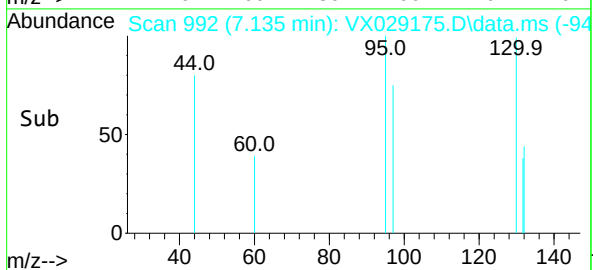
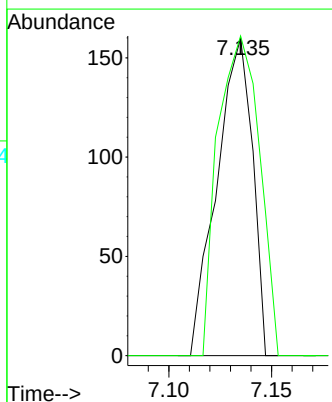
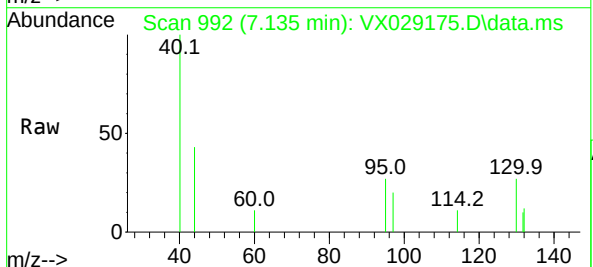


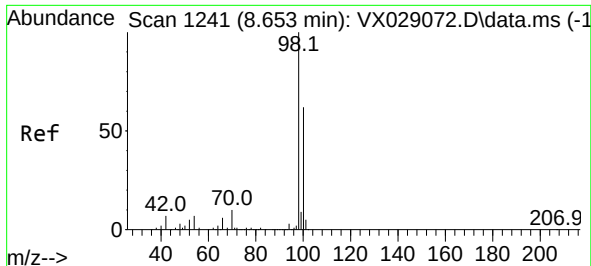
Tgt Ion:117 Resp: 32743
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

Tgt Ion:130 Resp: 193
Ion Ratio Lower Upper
130 100
95 100.6 0.0 188.8

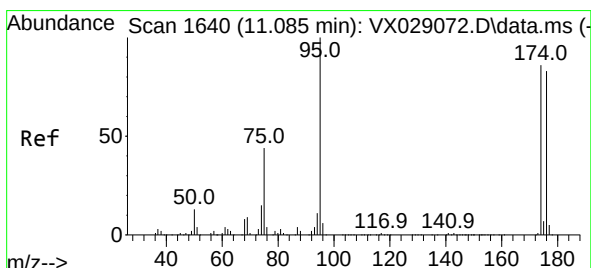
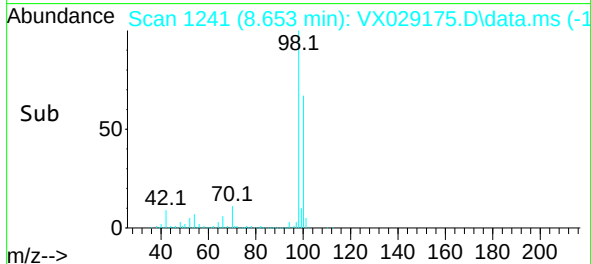
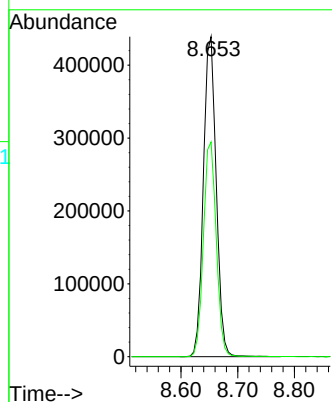
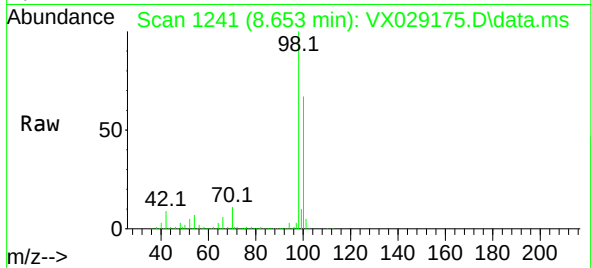




#50
Toluene-d8
Concen: 48.267 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

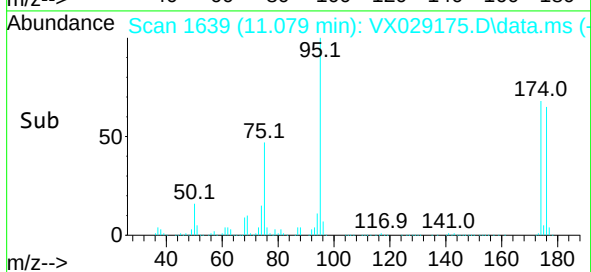
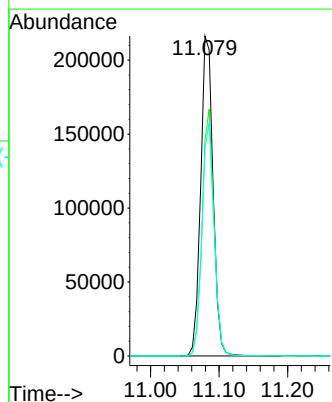
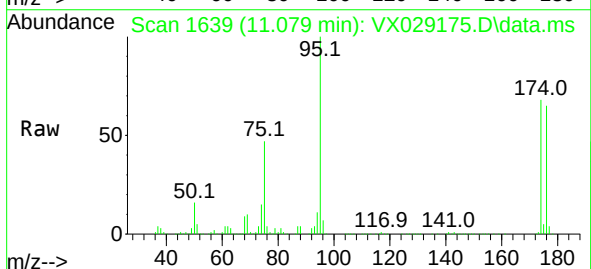
Instrument :
MSVOA_X
ClientSampleId :
38BR-20220531

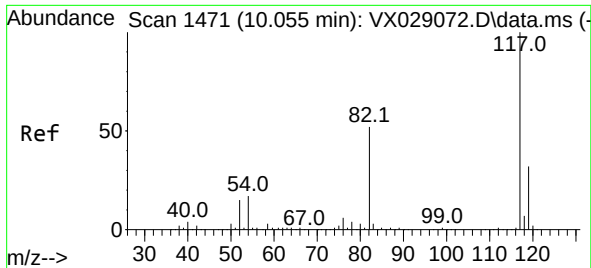
Tgt Ion: 98 Resp: 689168
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.396 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

Tgt Ion: 95 Resp: 272627
Ion Ratio Lower Upper
95 100
174 74.4 0.0 163.0
176 71.2 0.0 155.0

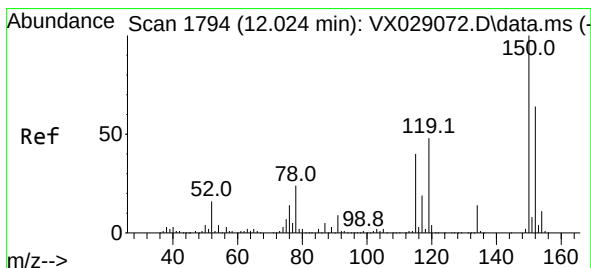
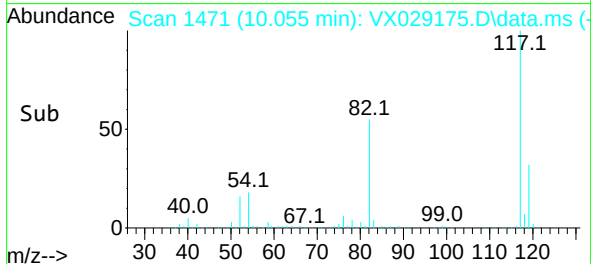
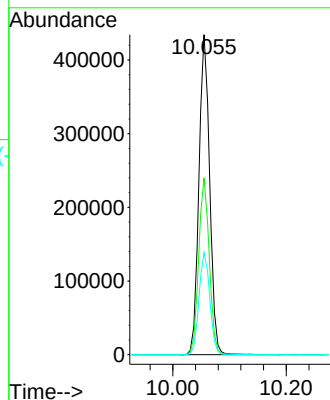
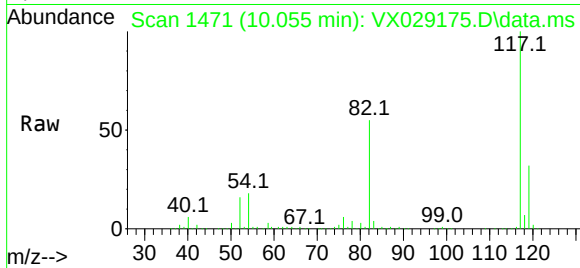




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

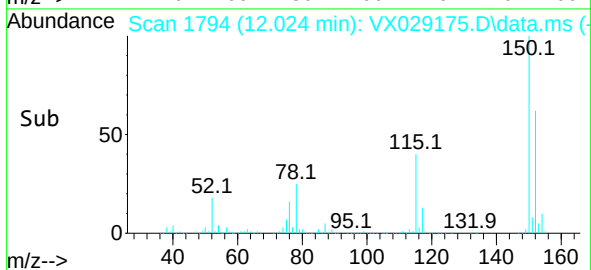
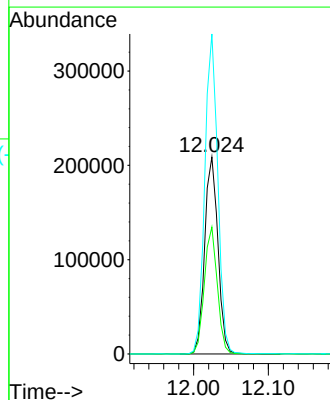
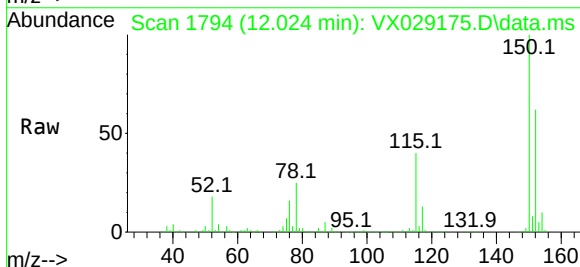
Instrument :
MSVOA_X
ClientSampleId :
38BR-20220531

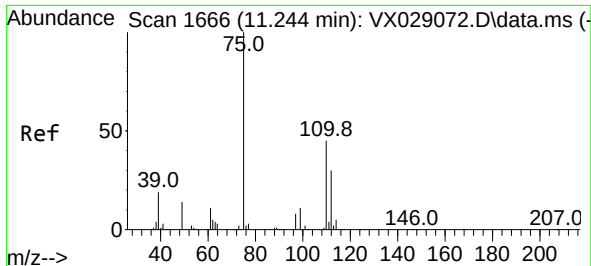
Tgt Ion:117 Resp: 569000
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

Tgt Ion:152 Resp: 257261
Ion Ratio Lower Upper
152 100
115 63.0 37.5 112.7
150 159.3 0.0 338.2

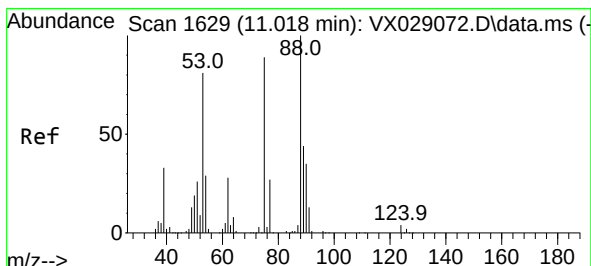
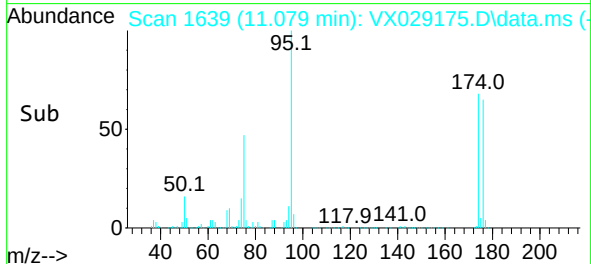
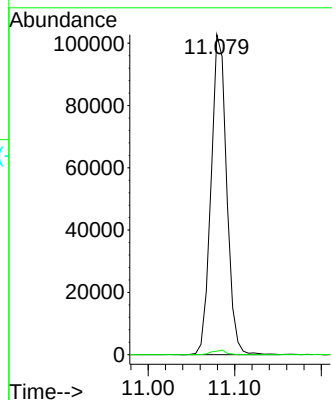
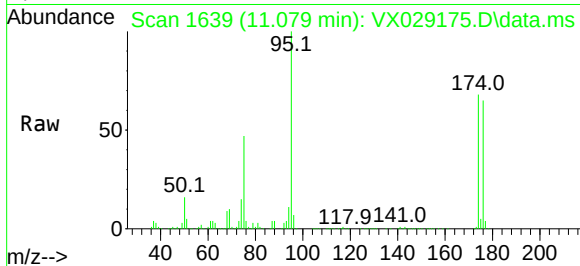




#76
1,2,3-Trichloropropane
Concen: 24.683 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

Instrument :
MSVOA_X
ClientSampleId :
38BR-20220531

Tgt Ion: 75 Resp: 128726
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.416 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029175.D
Acq: 03 Jun 2022 07:51

Tgt Ion: 75 Resp: 128726
Ion Ratio Lower Upper
75 100
53 0.1 69.0 103.4#
89 0.0 37.0 55.6#

