

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029144.D
 Acq On : 02 Jun 2022 18:39
 Operator : JC/MD
 Sample : N3022-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 91BR-20220525DL

Quant Time: Jun 03 04:33:30 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)

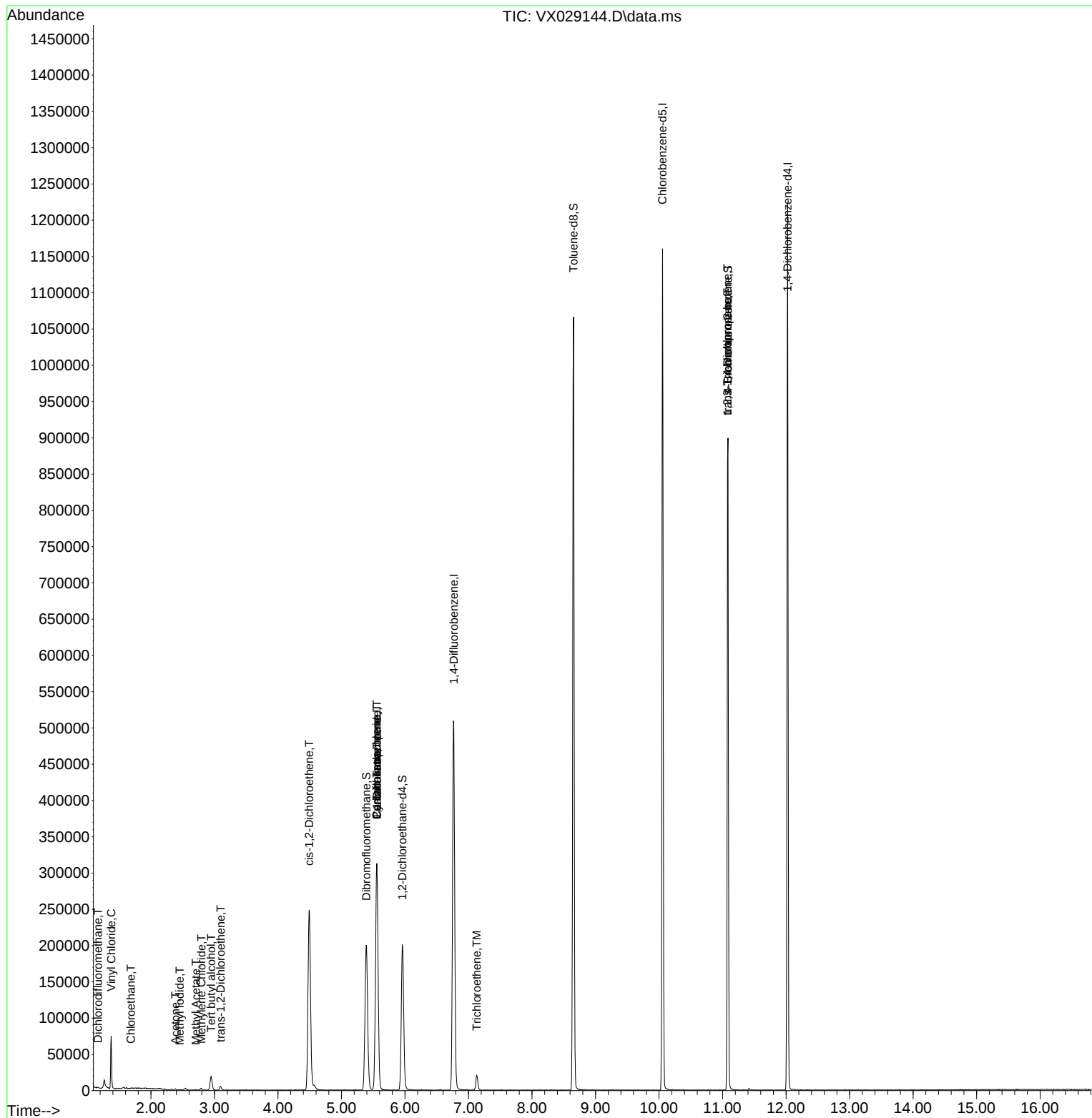
Internal Standards						
1) Pentafluorobenzene	5.556	168	291515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	541859	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	528453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	248794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194126	59.054	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 118.100%			
35) Dibromofluoromethane	5.391	113	178894	49.705	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.400%			
50) Toluene-d8	8.653	98	644875	48.989	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.980%			
62) 4-Bromofluorobenzene	11.085	95	260319	51.159	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	628	0.248	ug/l	86
4) Vinyl Chloride	1.374	62	45605	15.637	ug/l	100
5) Bromomethane	1.611	94	673	Below Cal	#	79
6) Chloroethane	1.685	64	480	1.587	ug/l #	43
10) Methyl Iodide	2.453	142	481	4.361	ug/l #	86
11) Tert butyl alcohol	2.947	59	10289	13.511	ug/l #	74
16) Acetone	2.386	43	1597	1.234	ug/l	97
18) Methyl Acetate	2.709	43	685	0.205	ug/l #	57
20) Methylene Chloride	2.794	84	1312	0.435	ug/l #	92
21) trans-1,2-Dichloroethene	3.099	96	2363	0.797	ug/l #	75
27) cis-1,2-Dichloroethene	4.489	96	170370	48.196	ug/l	86
31) Cyclohexane	5.556	56	5545	1.297	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22733	4.909	ug/l #	50
38) Carbon Tetrachloride	5.556	117	31536	5.959	ug/l #	16
44) Trichloroethene	7.129	130	8566	1.424	ug/l	85
76) 1,2,3-Trichloropropane	11.079	75	123568	24.501	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	123568	71.880	ug/l #	15

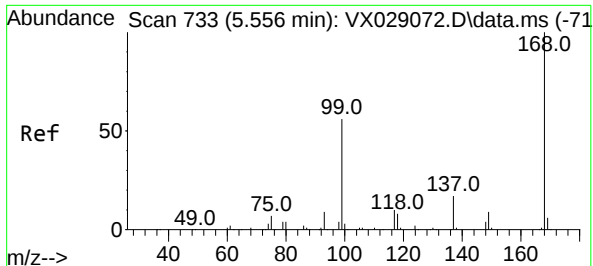
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
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91BR-20220525DL

Quant Time: Jun 03 04:33:30 2022
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Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

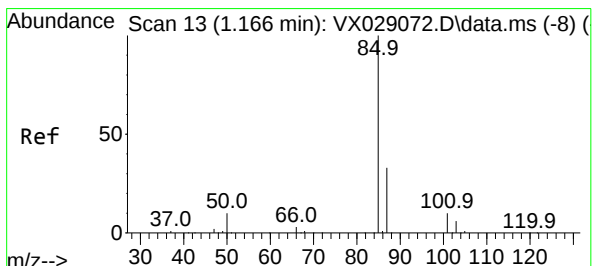
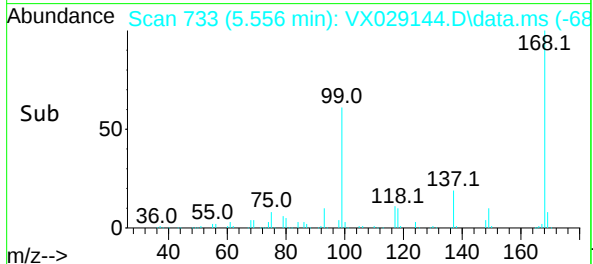
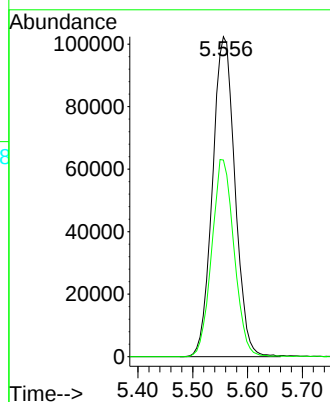
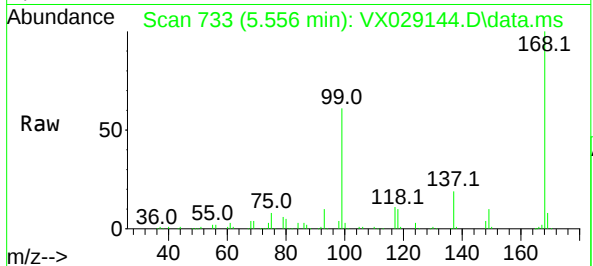




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

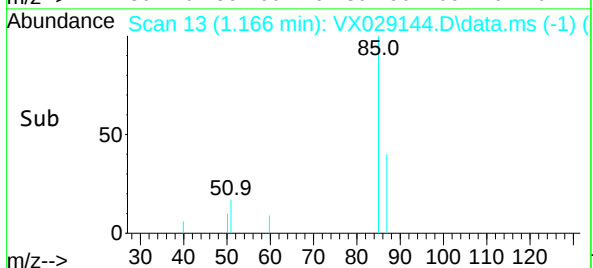
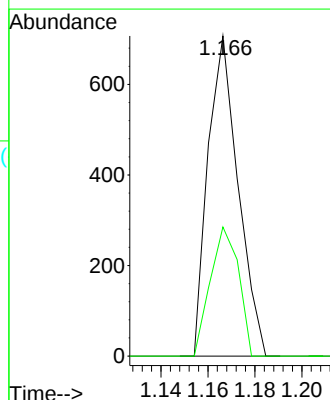
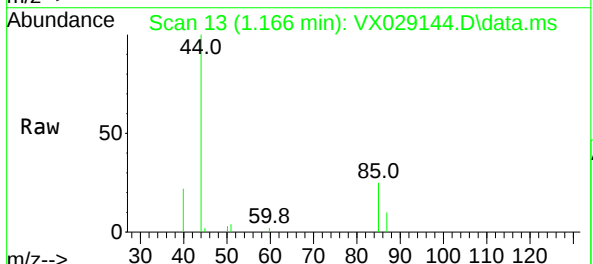
Instrument :
MSVOA_X
ClientSampleId :
91BR-20220525DL

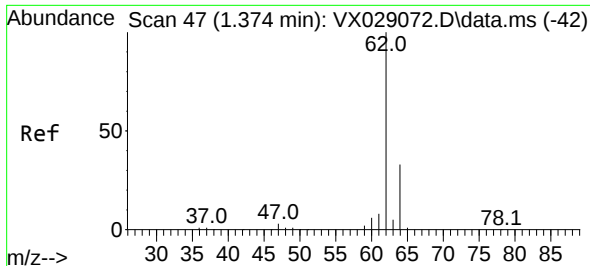
Tgt Ion:168 Resp: 291515
Ion Ratio Lower Upper
168 100
99 61.4 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.248 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

Tgt Ion: 85 Resp: 628
Ion Ratio Lower Upper
85 100
87 40.3 16.2 48.6

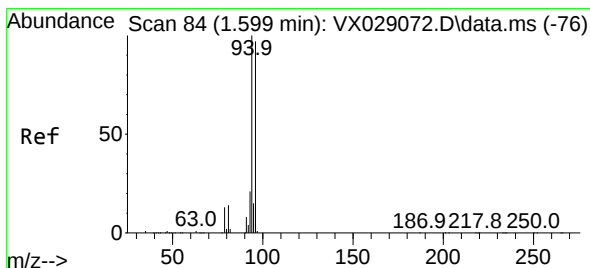
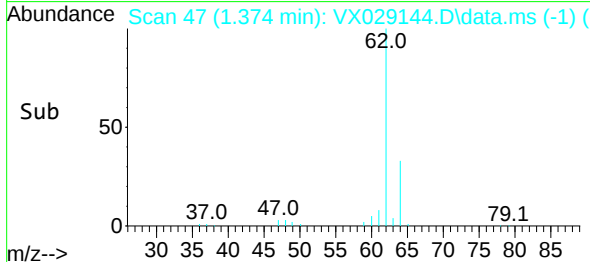
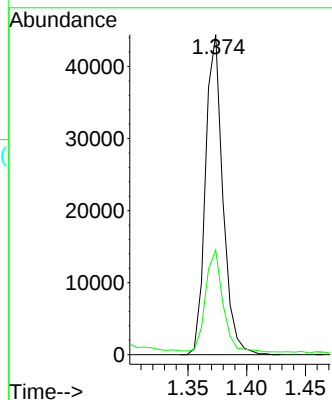
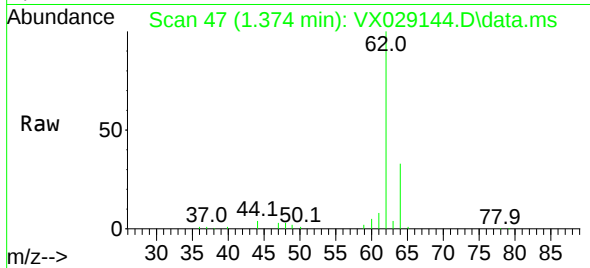




#4
 Vinyl Chloride
 Concen: 15.637 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029144.D
 Acq: 02 Jun 2022 18:39

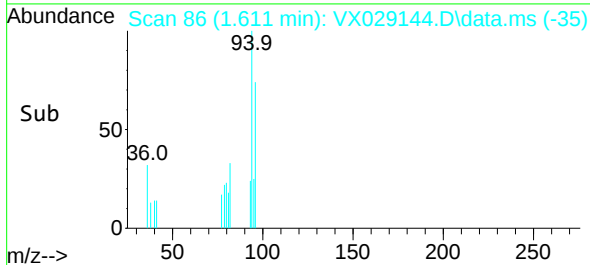
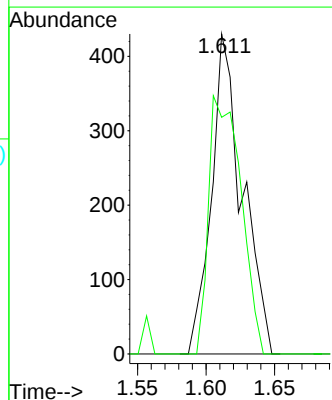
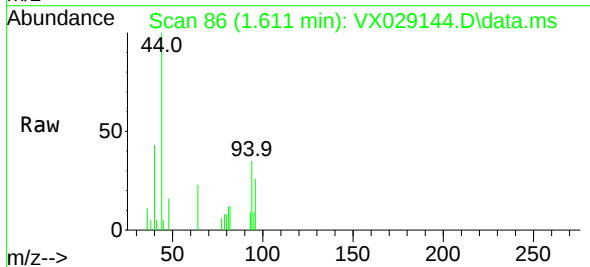
Instrument :
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 91BR-20220525DL

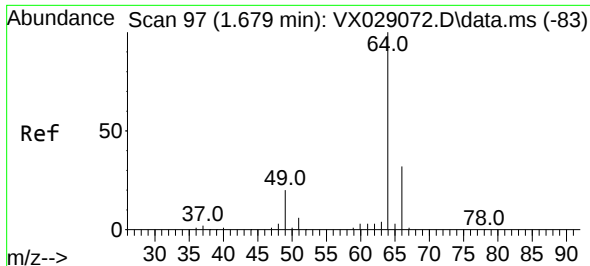
Tgt Ion: 62 Resp: 45605
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.5 38.3



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.611 min Scan# 86
 Delta R.T. 0.012 min
 Lab File: VX029144.D
 Acq: 02 Jun 2022 18:39

Tgt Ion: 94 Resp: 673
 Ion Ratio Lower Upper
 94 100
 96 74.0 75.3 112.9#

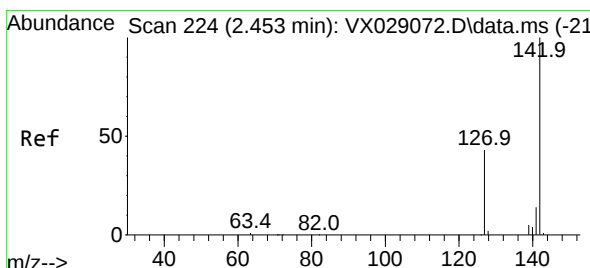
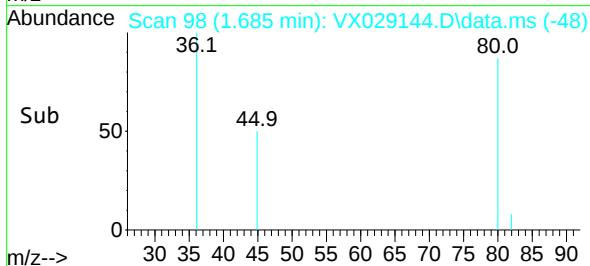
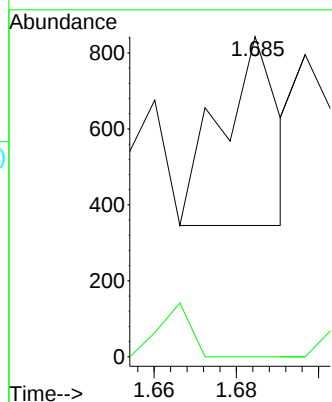
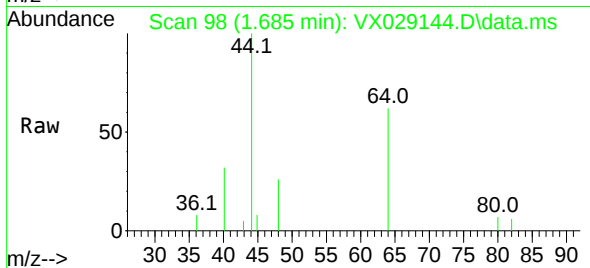




#6
Chloroethane
Concen: 1.587 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

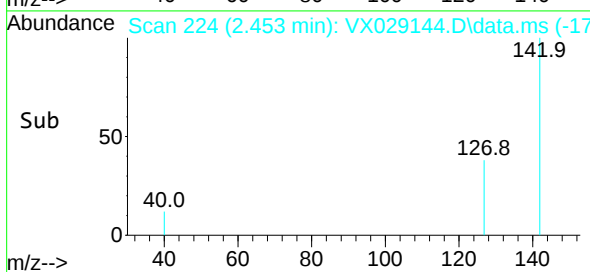
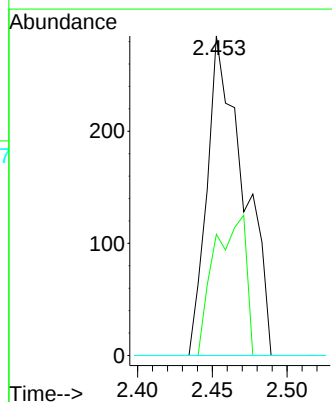
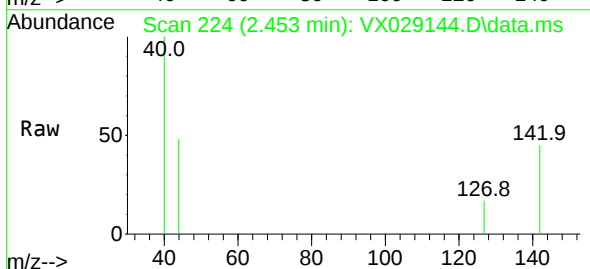
Instrument :
MSVOA_X
ClientSampleId :
91BR-20220525DL

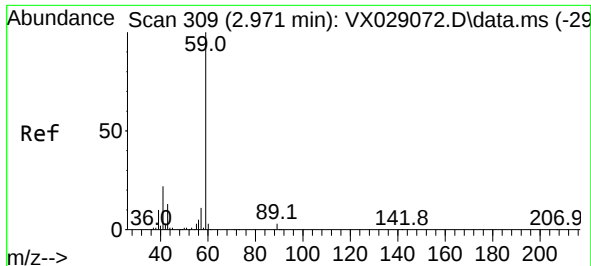
Tgt Ion: 64 Resp: 480
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.361 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

Tgt Ion: 142 Resp: 481
Ion Ratio Lower Upper
142 100
127 38.3 33.9 50.9
141 0.0 11.4 17.2#

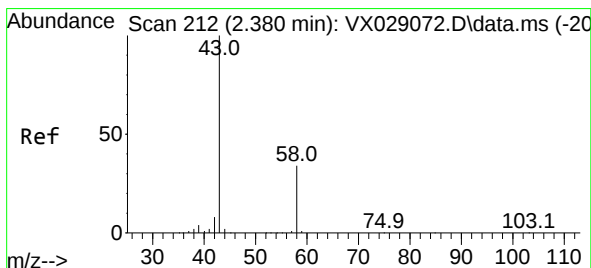
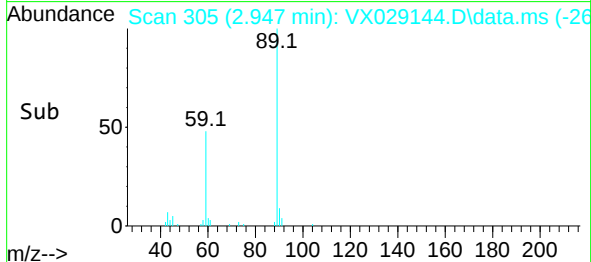
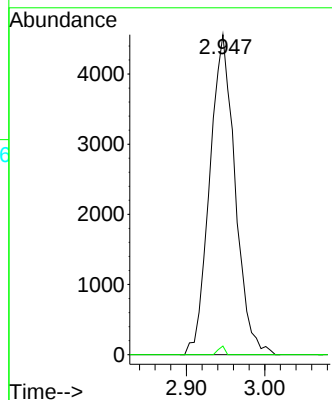
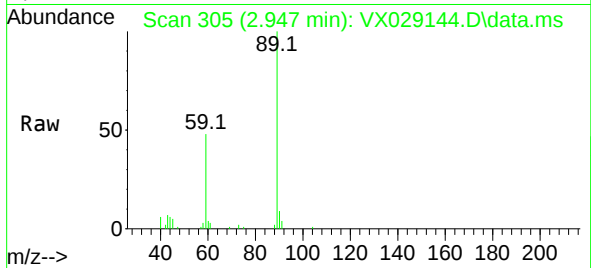




#11
Tert butyl alcohol
Concen: 13.511 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

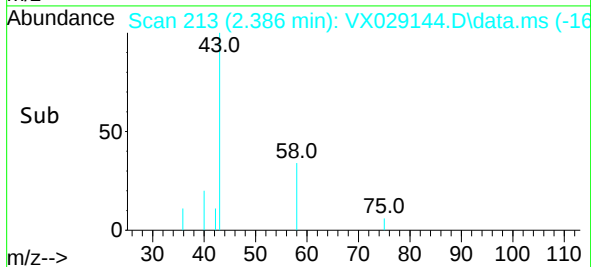
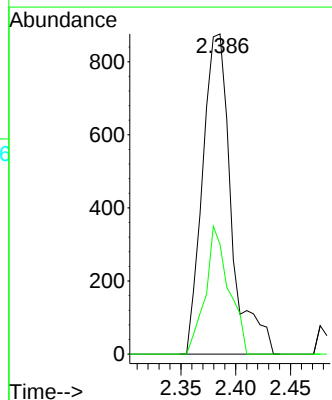
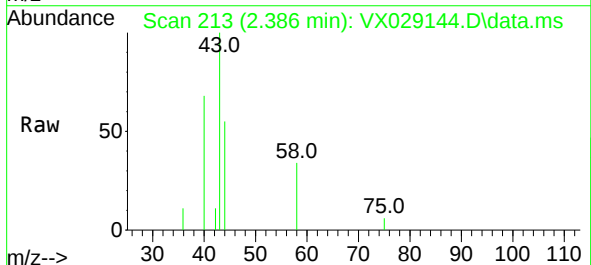
Instrument :
MSVOA_X
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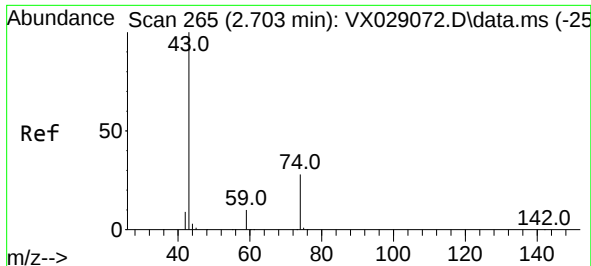
Tgt Ion: 59 Resp: 10289
Ion Ratio Lower Upper
59 100
57 0.7 8.3 12.5#



#16
Acetone
Concen: 1.234 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

Tgt Ion: 43 Resp: 1597
Ion Ratio Lower Upper
43 100
58 34.2 28.8 43.2

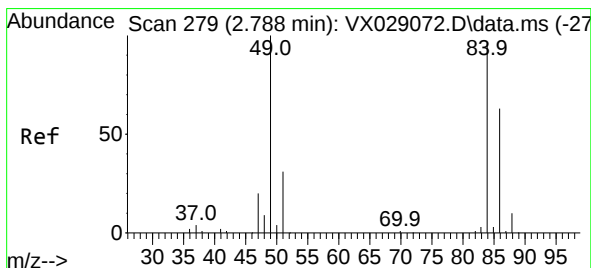
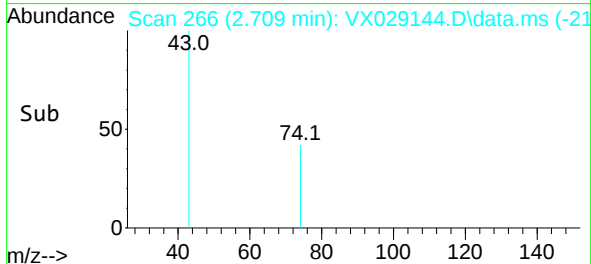
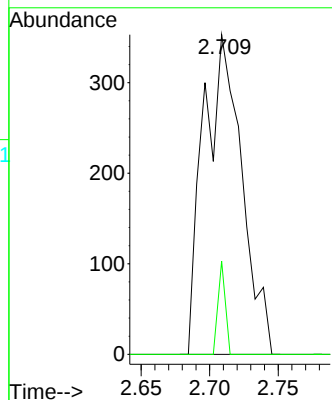
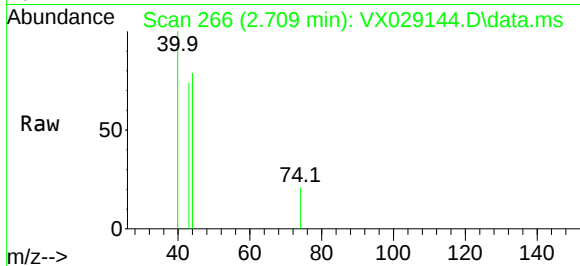




#18
Methyl Acetate
Concen: 0.205 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

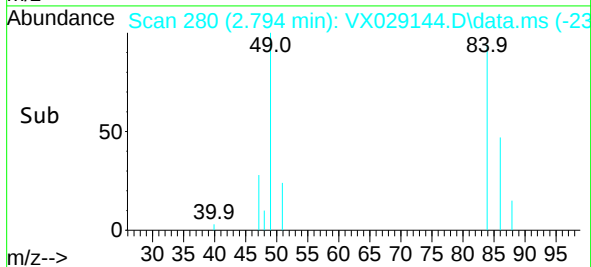
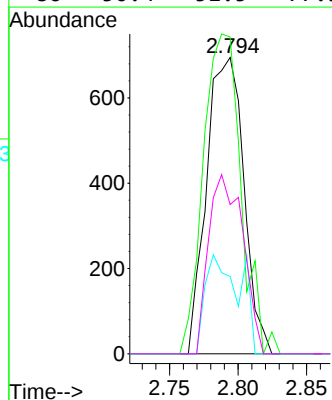
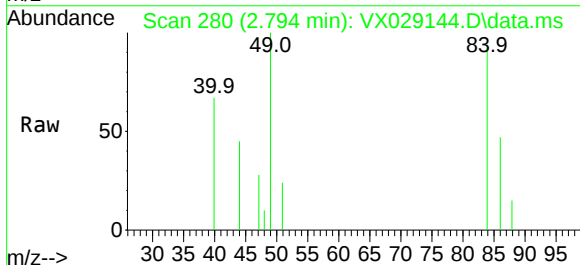
Instrument :
MSVOA_X
ClientSampleId :
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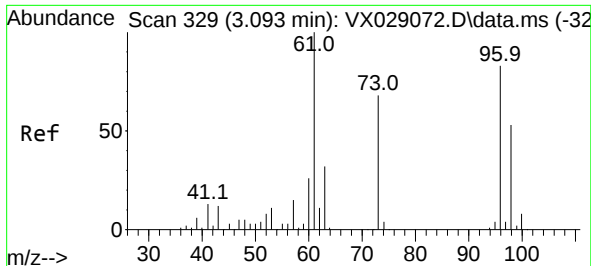
Tgt Ion: 43 Resp: 685
Ion Ratio Lower Upper
43 100
74 5.5 22.8 34.2#



#20
Methylene Chloride
Concen: 0.435 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

Tgt Ion: 84 Resp: 1312
Ion Ratio Lower Upper
84 100
49 106.9 85.5 128.3
51 26.0 26.6 39.8#
86 50.4 51.5 77.3#

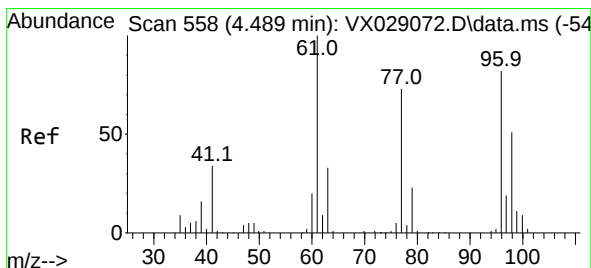
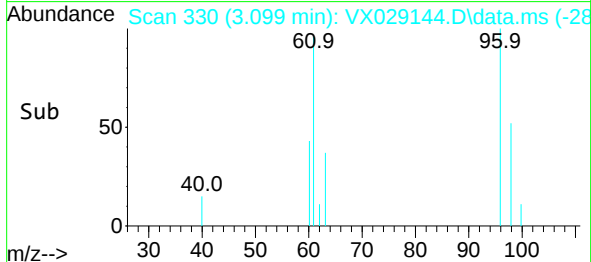
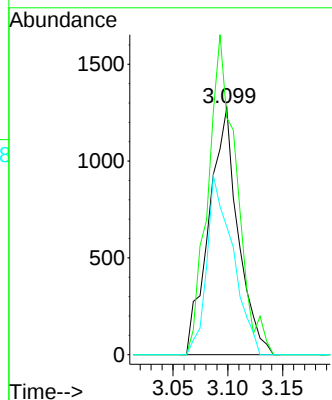
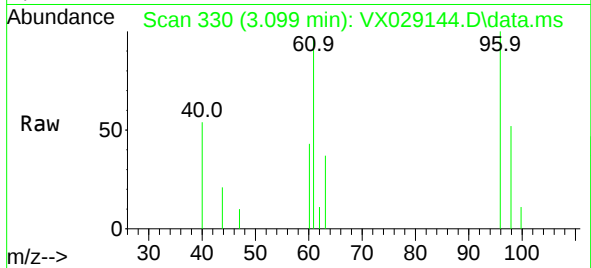




#21
trans-1,2-Dichloroethene
Concen: 0.797 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

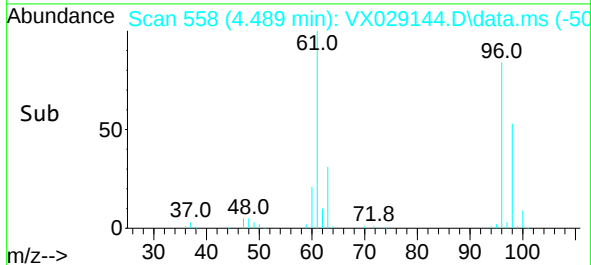
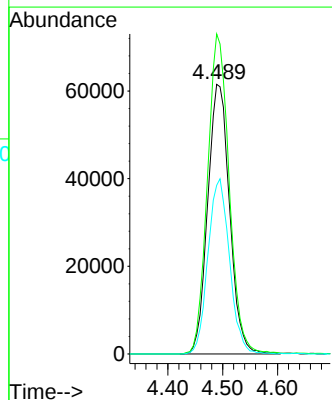
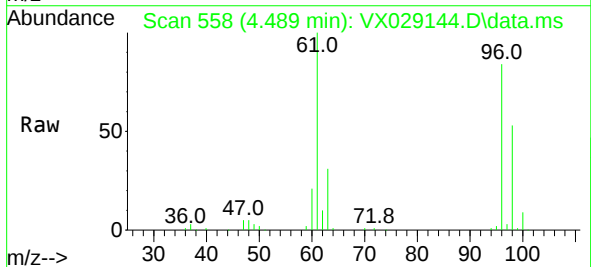
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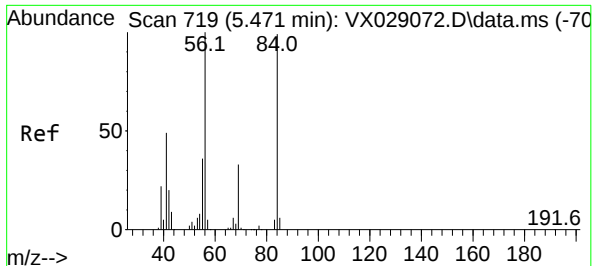
Tgt Ion: 96 Resp: 2363
Ion Ratio Lower Upper
96 100
61 95.9 105.4 158.2#
98 51.8 50.0 75.0



#27
cis-1,2-Dichloroethene
Concen: 48.196 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

Tgt Ion: 96 Resp: 170370
Ion Ratio Lower Upper
96 100
61 117.6 0.0 283.8
98 63.9 0.0 129.8

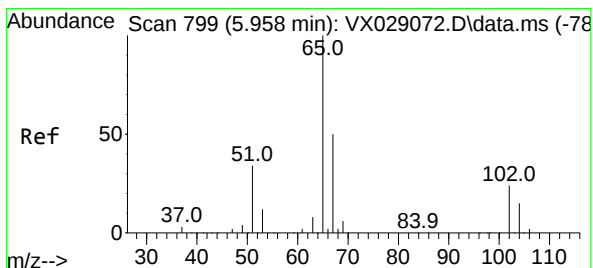
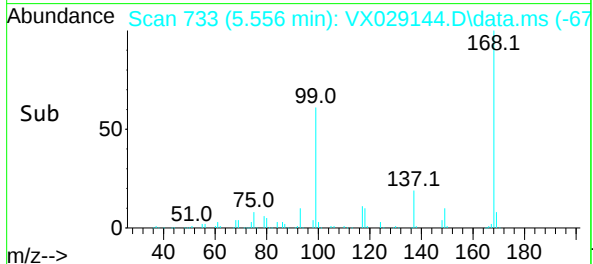
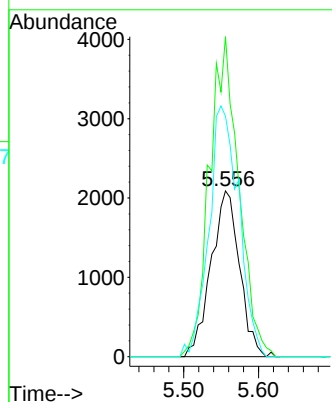
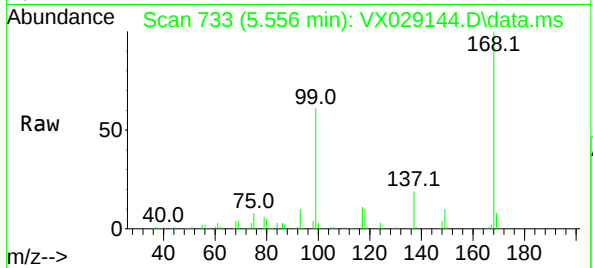




#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

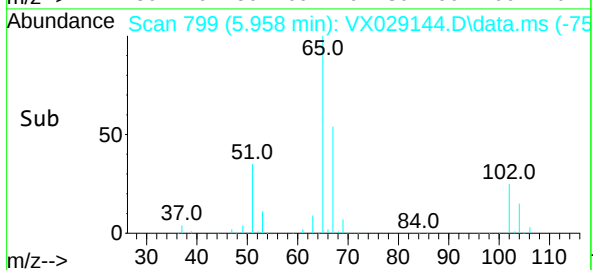
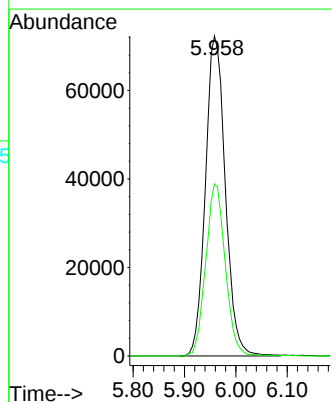
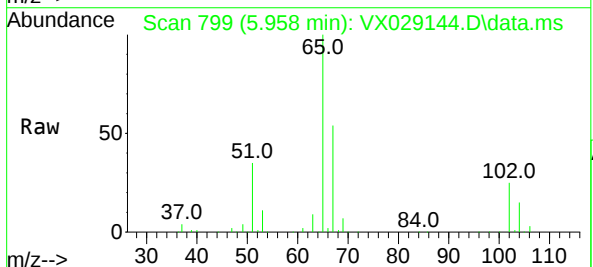
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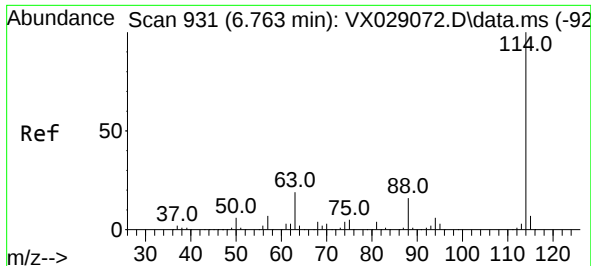
Tgt Ion: 56 Resp: 5545
Ion Ratio Lower Upper
56 100
69 193.1 26.7 40.1#
84 145.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 59.054 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

Tgt Ion: 65 Resp: 194126
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.4

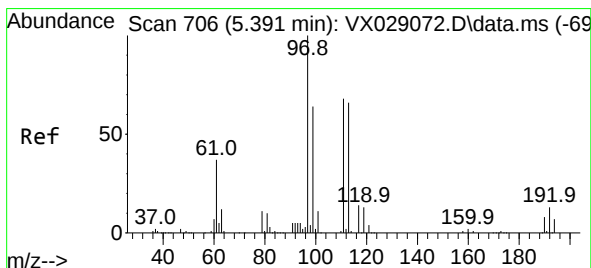
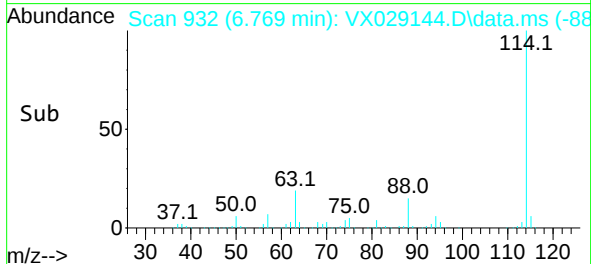
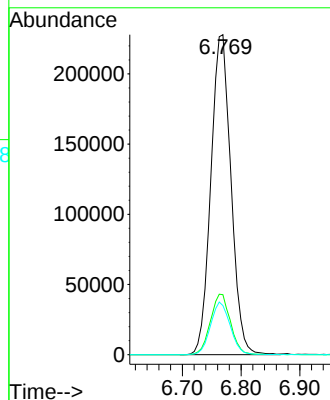
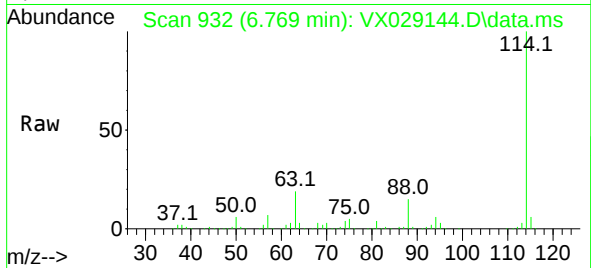




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

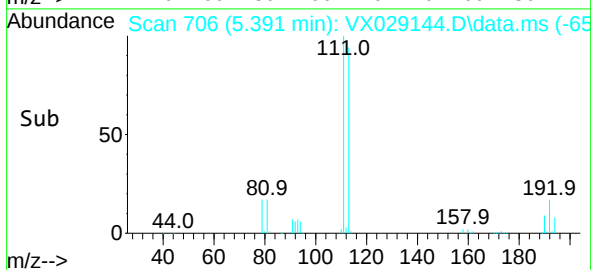
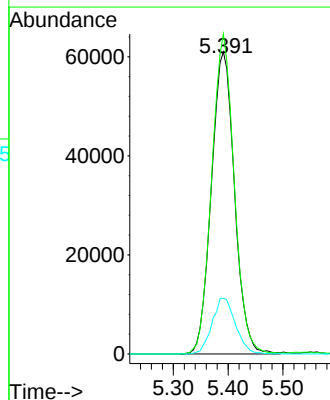
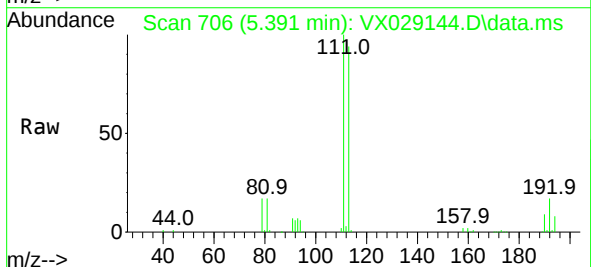
Instrument :
MSVOA_X
ClientSampleId :
91BR-20220525DL

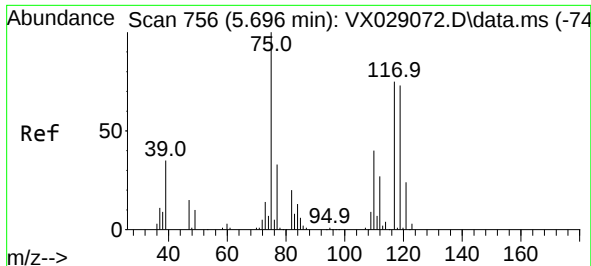
Tgt Ion:114 Resp: 541859
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.8
88 15.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.705 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

Tgt Ion:113 Resp: 178894
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.6 16.9 25.3

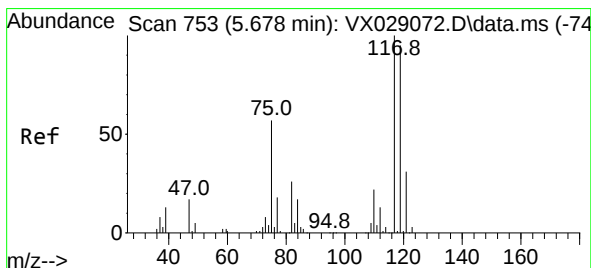
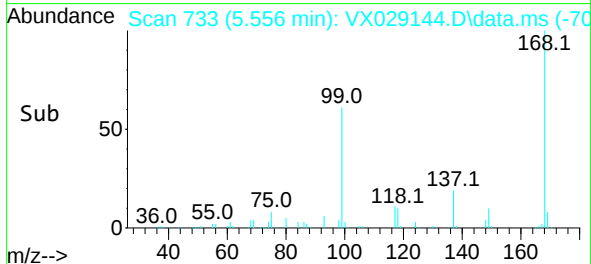
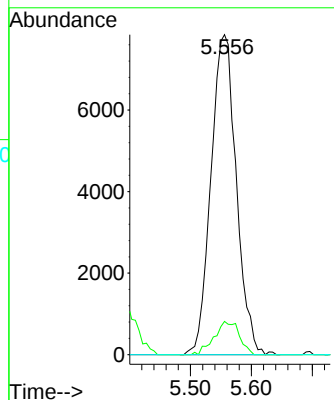
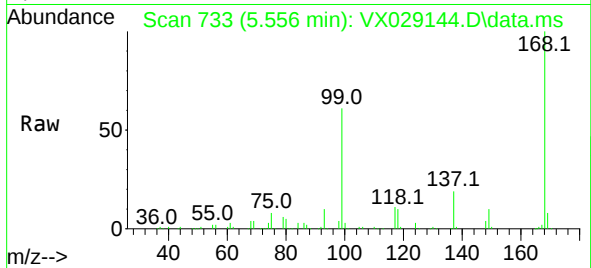




#36
1,1-Dichloropropene
Concen: 4.909 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

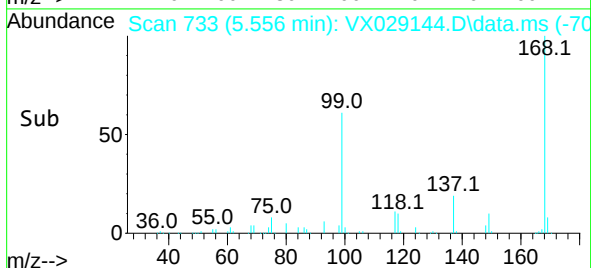
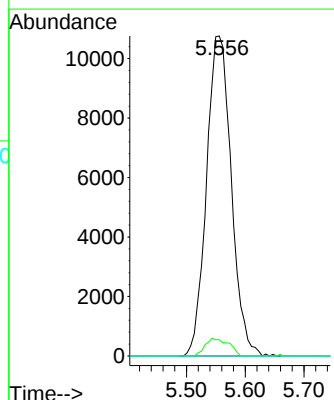
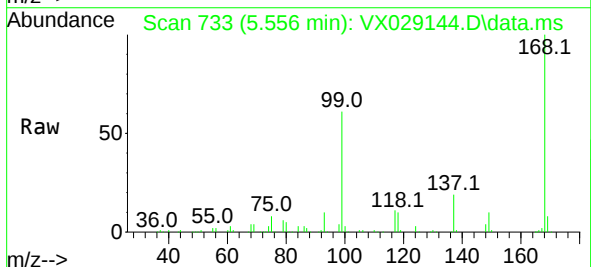
Instrument :
MSVOA_X
ClientSampleId :
91BR-20220525DL

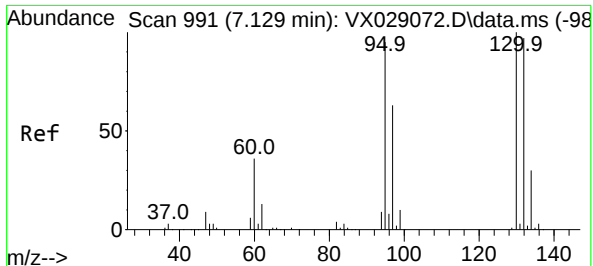
Tgt Ion: 75 Resp: 22733
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.959 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

Tgt Ion: 117 Resp: 31536
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.2 36.2#

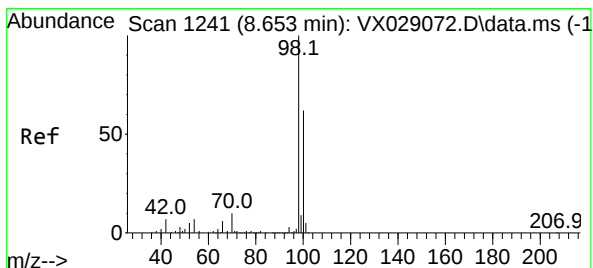
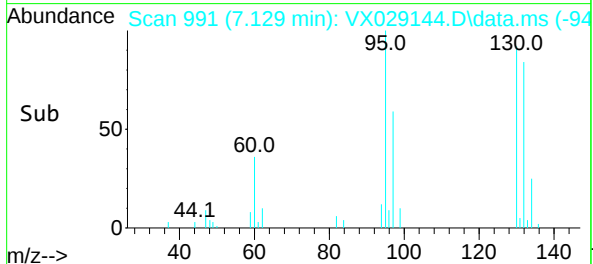
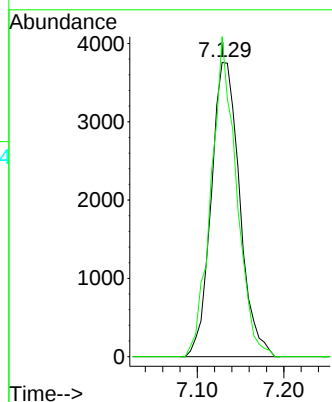
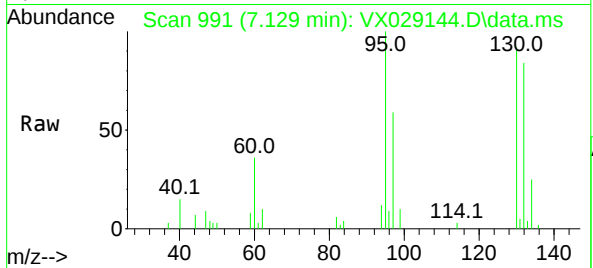




#44
Trichloroethene
Concen: 1.424 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

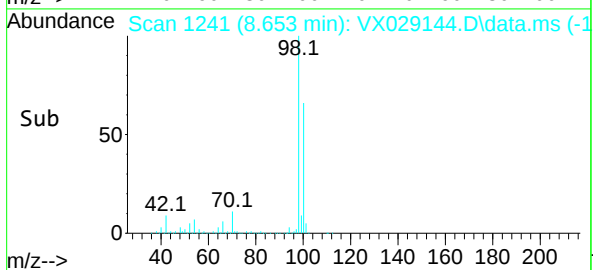
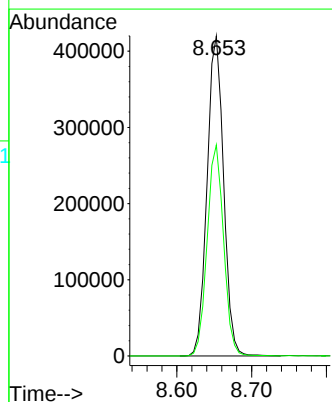
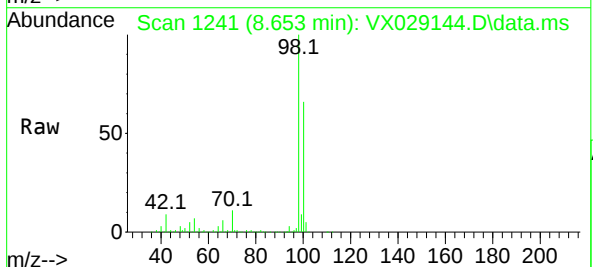
Instrument :
MSVOA_X
ClientSampleId :
91BR-20220525DL

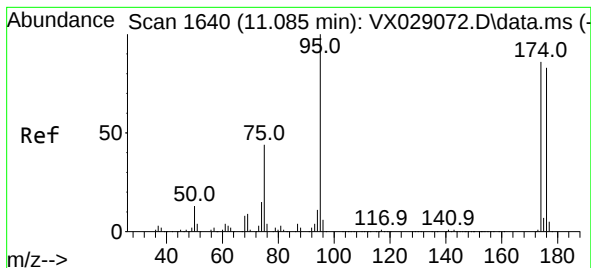
Tgt Ion:130 Resp: 8566
Ion Ratio Lower Upper
130 100
95 108.8 0.0 188.8



#50
Toluene-d8
Concen: 48.989 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

Tgt Ion: 98 Resp: 644875
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

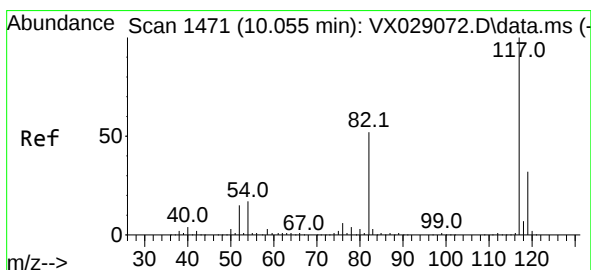
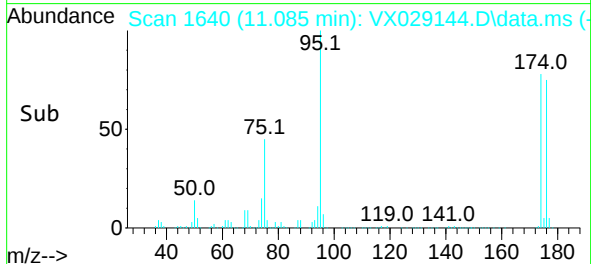
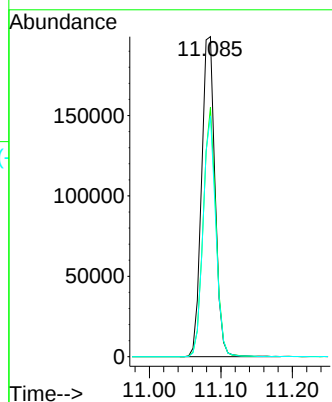
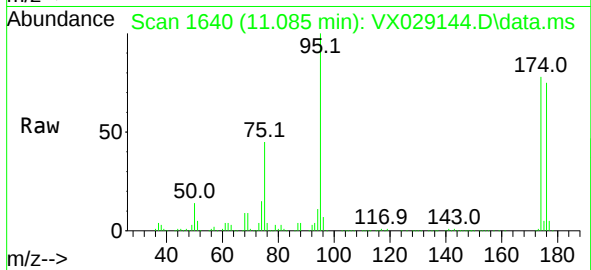




#62
4-Bromofluorobenzene
Concen: 51.159 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

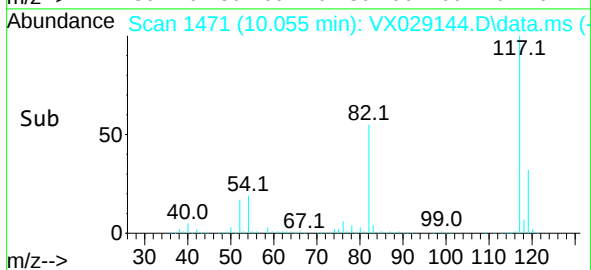
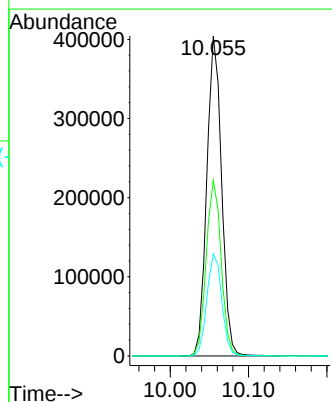
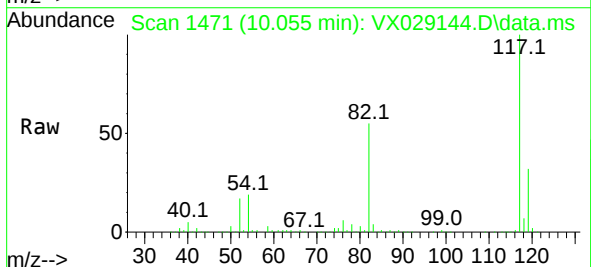
Instrument :
MSVOA_X
ClientSampleId :
91BR-20220525DL

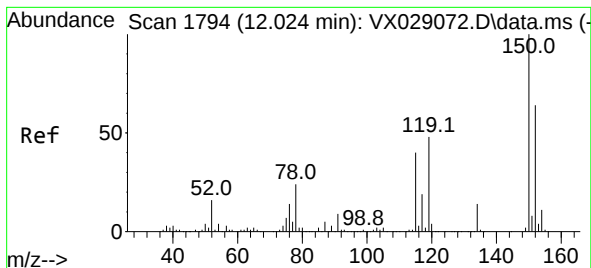
Tgt Ion: 95 Resp: 260319
Ion Ratio Lower Upper
95 100
174 73.4 0.0 163.0
176 71.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029144.D
Acq: 02 Jun 2022 18:39

Tgt Ion: 117 Resp: 528453
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.8
119 31.9 24.8 37.2

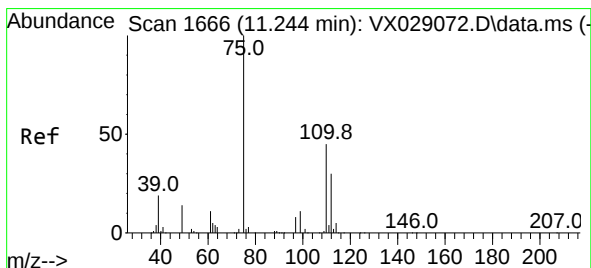
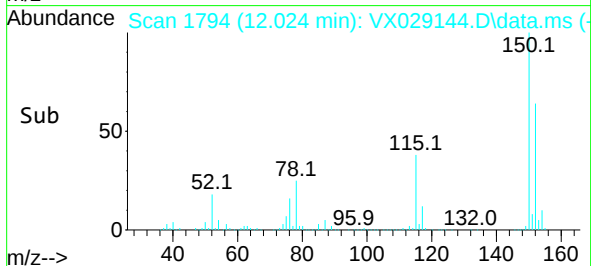
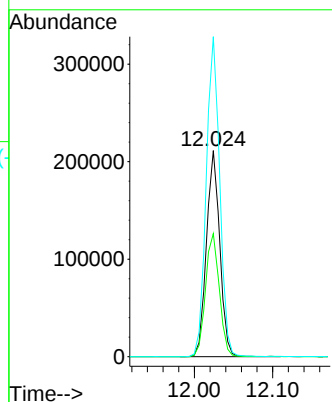
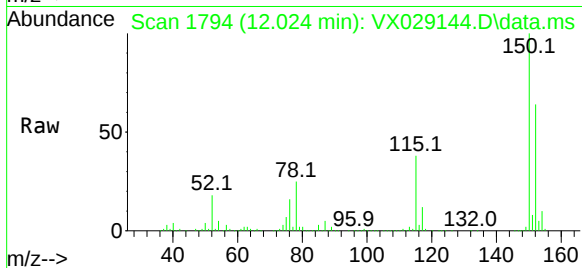




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029144.D
 Acq: 02 Jun 2022 18:39

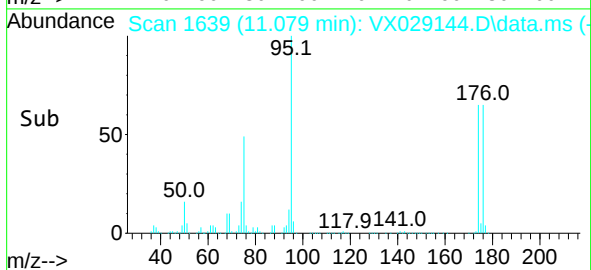
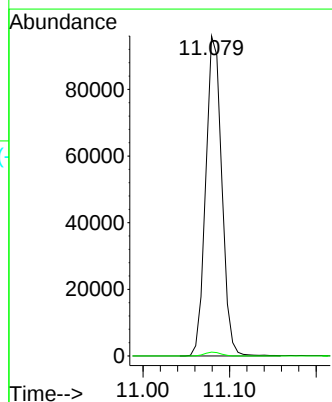
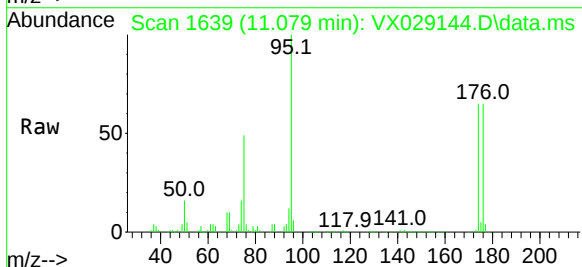
Instrument :
 MSVOA_X
 ClientSampleId :
 91BR-20220525DL

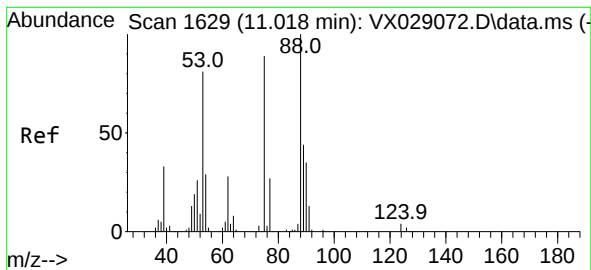
Tgt Ion:152 Resp: 248794
 Ion Ratio Lower Upper
 152 100
 115 61.9 37.5 112.7
 150 157.2 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.501 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029144.D
 Acq: 02 Jun 2022 18:39

Tgt Ion: 75 Resp: 123568
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.880 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029144.D
 Acq: 02 Jun 2022 18:39

Instrument :
 MSVOA_X
 ClientSampleId :
 91BR-20220525DL

Tgt Ion: 75 Resp: 123568
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

