

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031902.D
 Acq On : 05 Oct 2022 18:02
 Operator : JC/MD
 Sample : N5005-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-02-255-275-100422

Quant Time: Oct 06 06:47:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 12:20:53 2022
 Response via : Initial Calibration

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

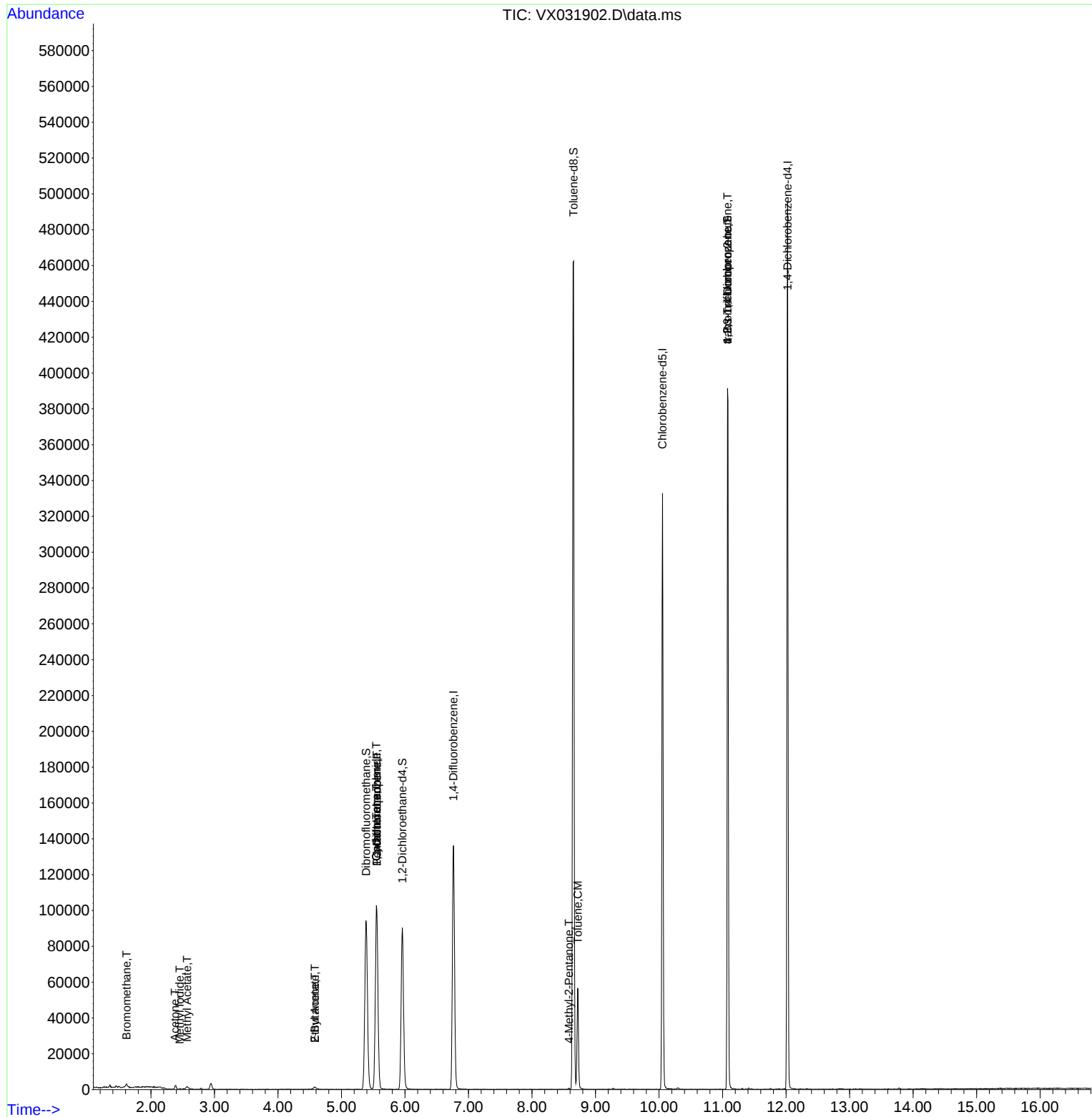
Internal Standards						
1) Pentafluorobenzene	5.556	168	108299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84665	51.904	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.800%			
35) Dibromofluoromethane	5.385	113	82829	48.113	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.220%			
50) Toluene-d8	8.653	98	299736	49.152	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.300%			
62) 4-Bromofluorobenzene	11.079	95	103278	47.083	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.160%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	540	0.404	ug/l #	77
6) Chloroethane	1.660	64	181	Below Cal	#	43
10) Methyl Iodide	2.453	142	244	3.234	ug/l #	76
11) Tert butyl alcohol	2.940	59	1920	Below Cal	#	73
13) Acrolein	2.111	56	20	Below Cal	#	15
16) Acetone	2.379	43	2592	5.486	ug/l	99
18) Methyl Acetate	2.568	43	957	0.625	ug/l #	52
25) 2-Butanone	4.580	43	400	0.532	ug/l #	49
31) Cyclohexane	5.550	56	1597	0.847	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	6551	3.278	ug/l #	51
37) Ethyl Acetate	4.580	43	400	0.259	ug/l #	68
38) Carbon Tetrachloride	5.550	117	9988	4.245	ug/l #	17
51) 4-Methyl-2-Pentanone	8.580	43	403	0.254	ug/l	90
52) Toluene	8.720	92	22805	5.360	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	48111	26.704	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48111	88.312	ug/l #	11

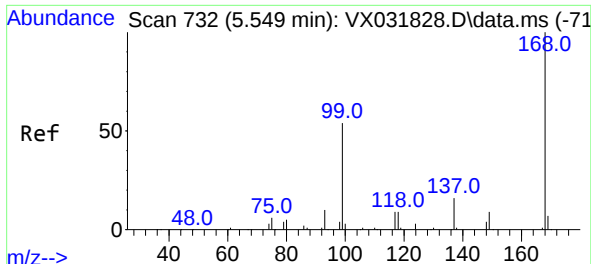
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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GWOW-BR-02-255-275-100422

Quant Time: Oct 06 06:47:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
Quant Title : SW846 8260
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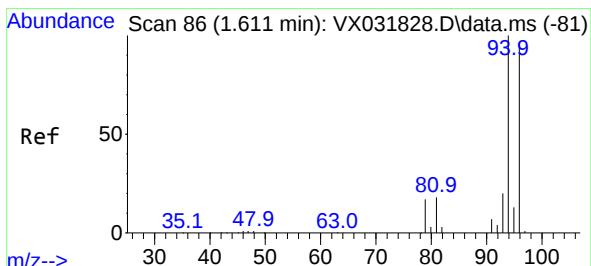
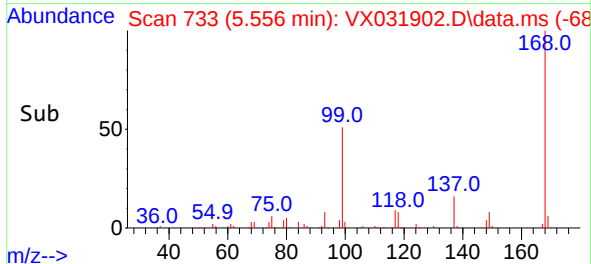
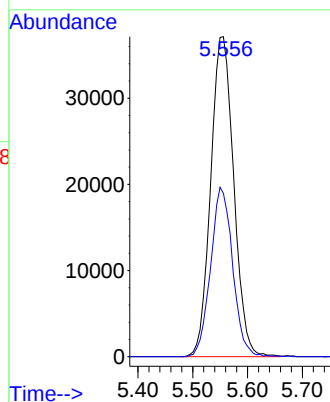
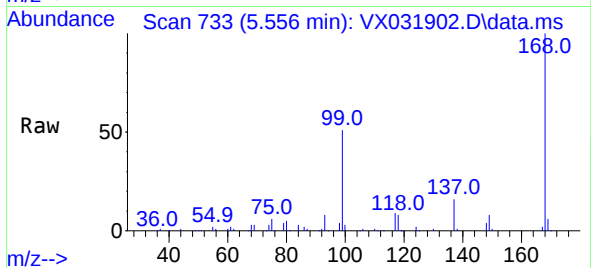




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

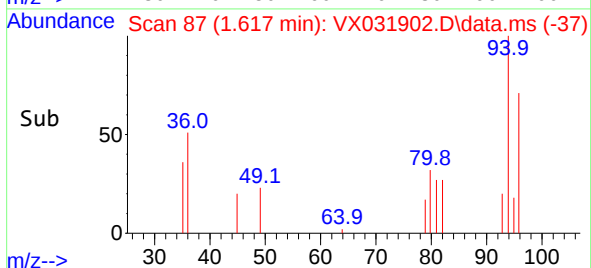
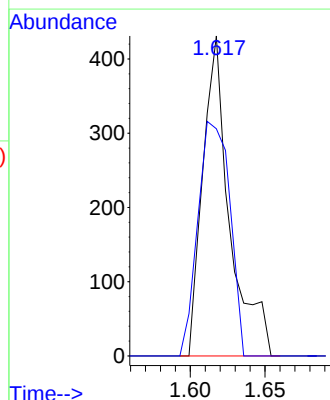
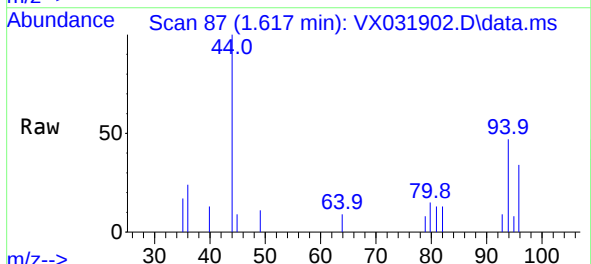
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-02-255-275-100422

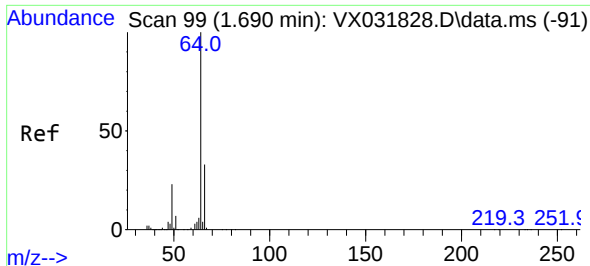
Tgt Ion:168 Resp: 108299
Ion Ratio Lower Upper
168 100
99 51.1 48.8 73.2



#5
Bromomethane
Concen: 0.404 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

Tgt Ion: 94 Resp: 540
Ion Ratio Lower Upper
94 100
96 71.0 74.4 111.6#

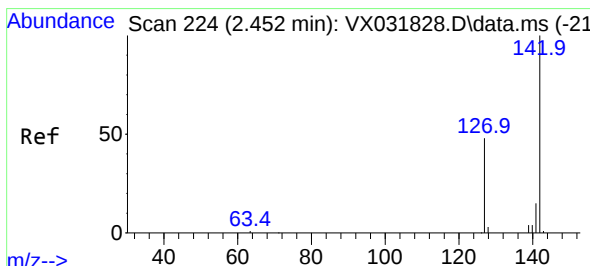
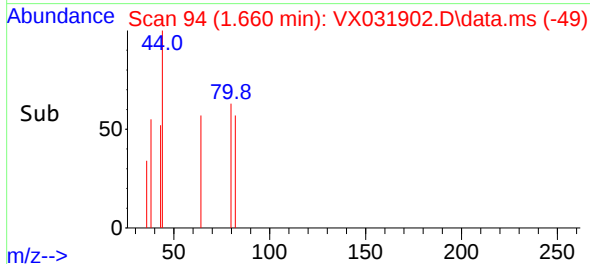
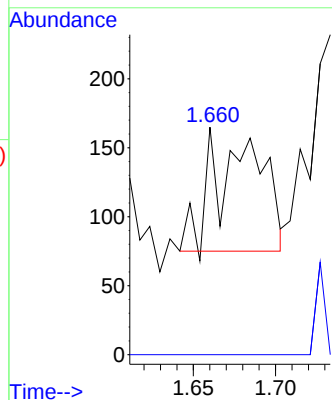
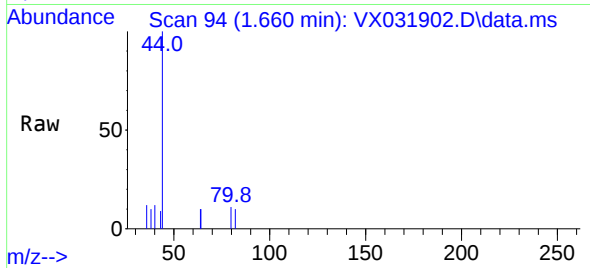




#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.025 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

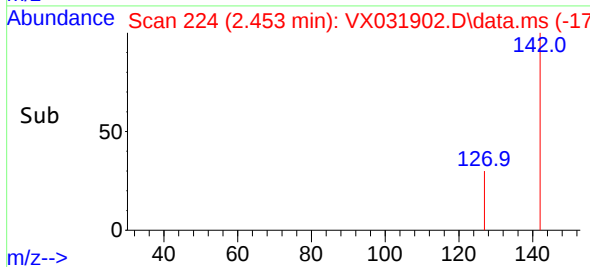
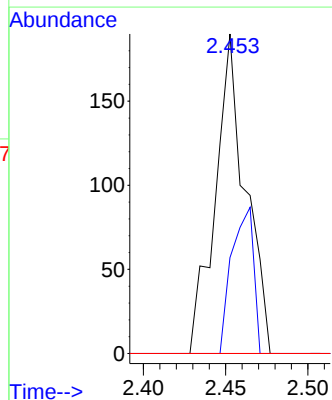
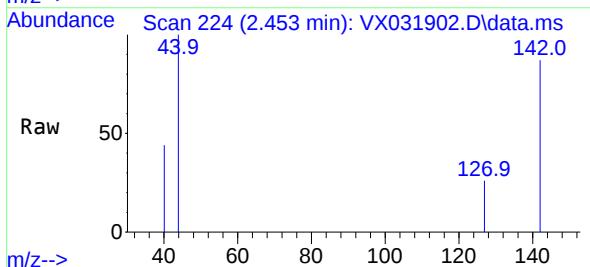
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-02-255-275-100422

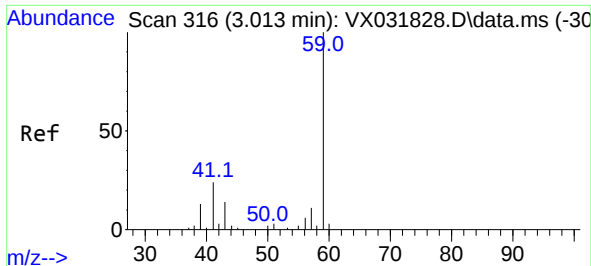
Tgt Ion: 64 Resp: 181
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 3.234 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

Tgt Ion: 142 Resp: 244
Ion Ratio Lower Upper
142 100
127 32.8 37.4 56.0#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 30

Delta R.T. -0.141 min

Lab File: VX031902.D

Acq: 05 Oct 2022 18:02

Instrument :

MSVOA_X

ClientSampleId :

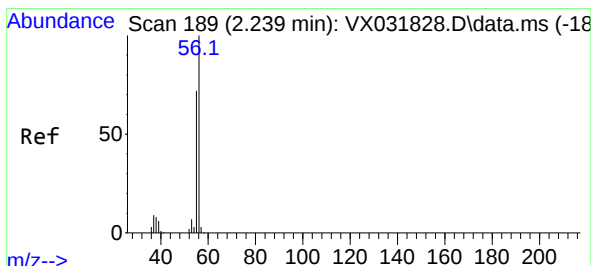
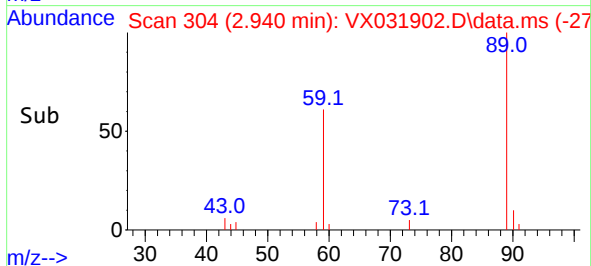
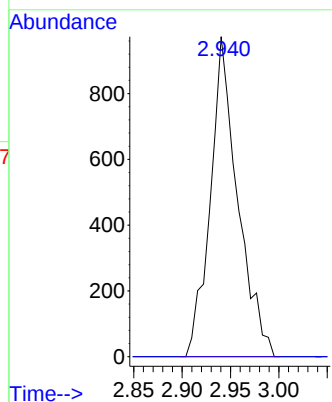
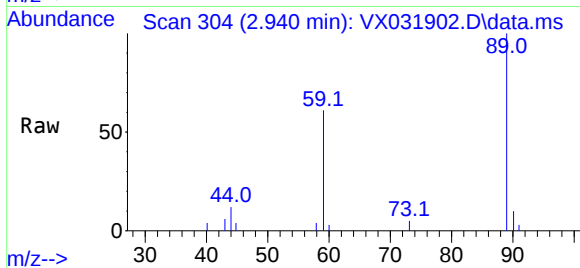
GWOW-BR-02-255-275-100422

Tgt Ion: 59 Resp: 1920

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: Below Cal

RT: 2.111 min Scan# 168

Delta R.T. -0.128 min

Lab File: VX031902.D

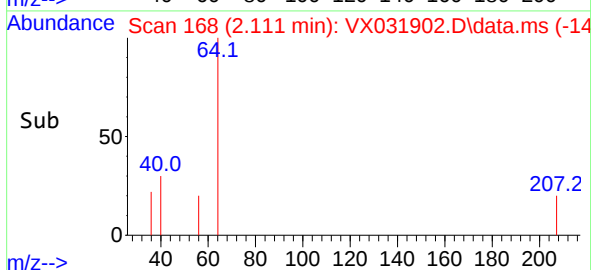
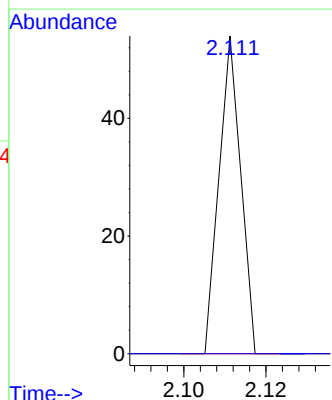
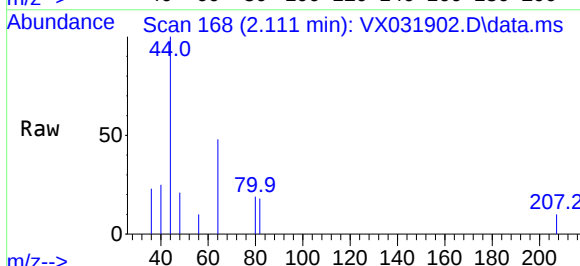
Acq: 05 Oct 2022 18:02

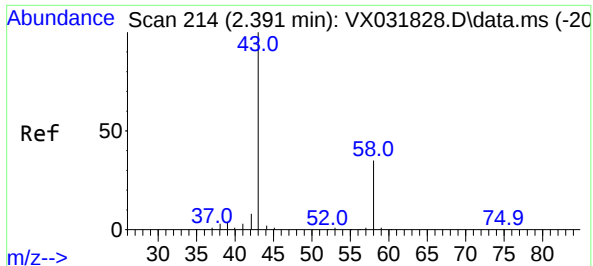
Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 0.0 56.0 84.0#

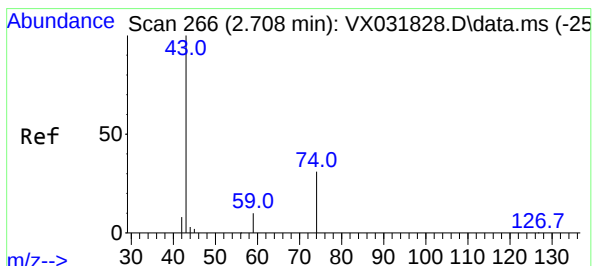
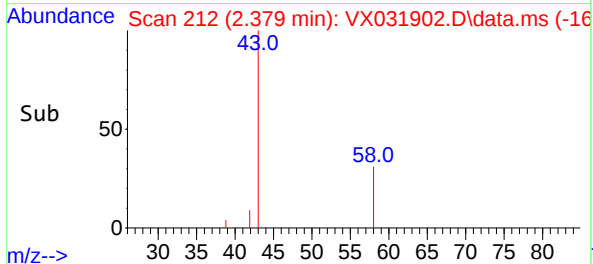
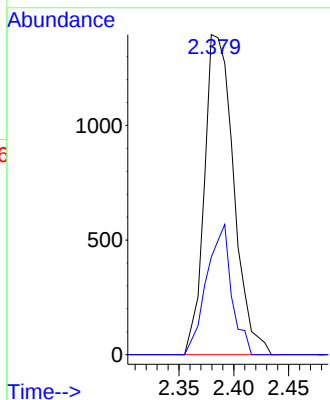
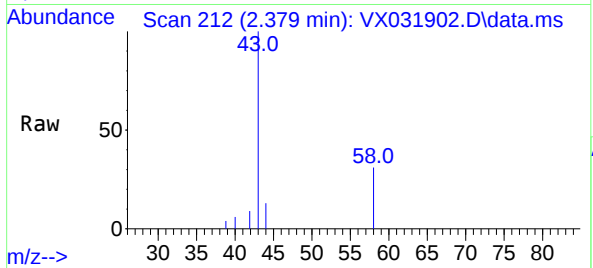




#16
Acetone
Concen: 5.486 ug/l
RT: 2.379 min Scan# 214
Delta R.T. -0.013 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

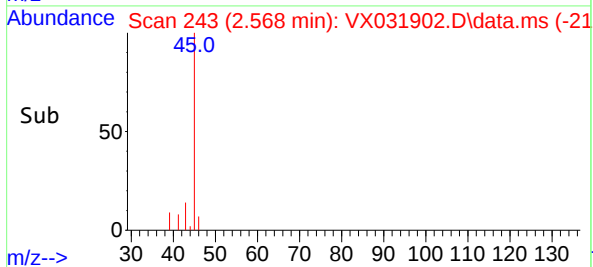
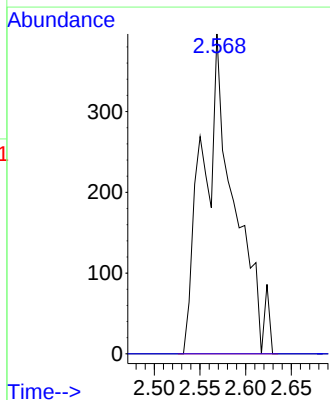
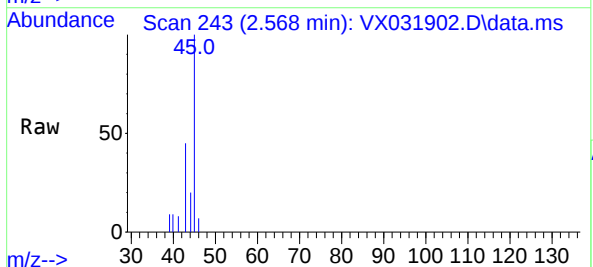
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-02-255-275-100422

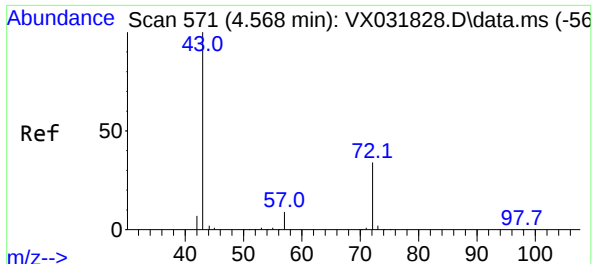
Tgt Ion: 43 Resp: 2592
Ion Ratio Lower Upper
43 100
58 30.5 23.8 35.8



#18
Methyl Acetate
Concen: 0.625 ug/l
RT: 2.568 min Scan# 243
Delta R.T. -0.141 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

Tgt Ion: 43 Resp: 957
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#

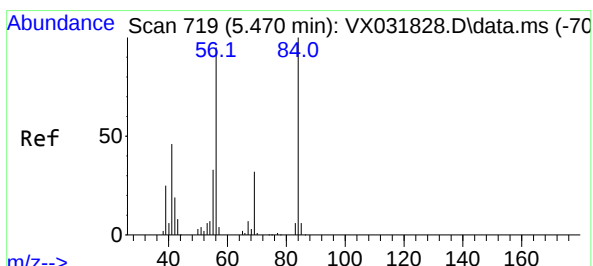
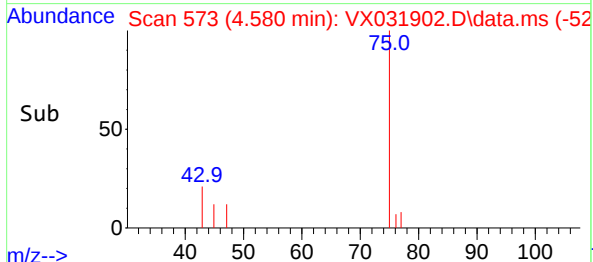
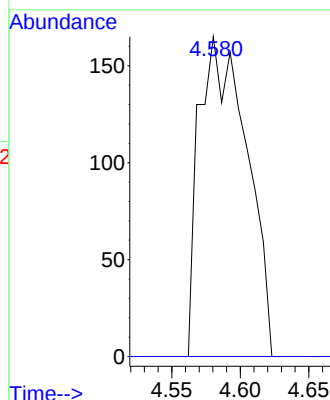
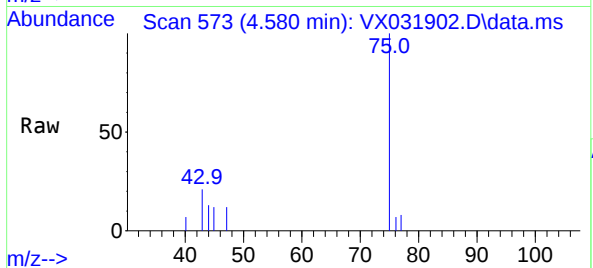




#25
2-Butanone
Concen: 0.532 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

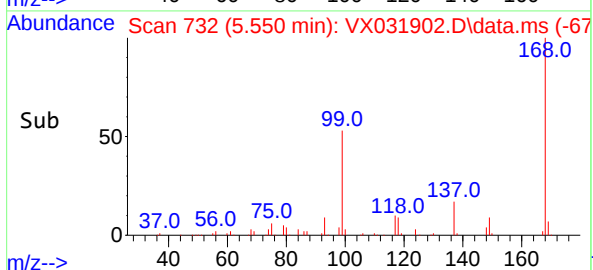
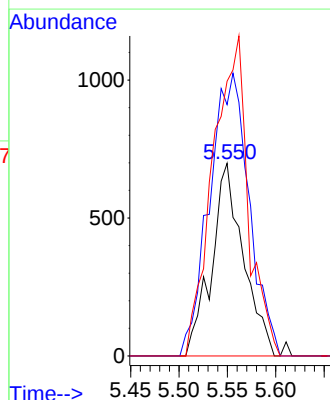
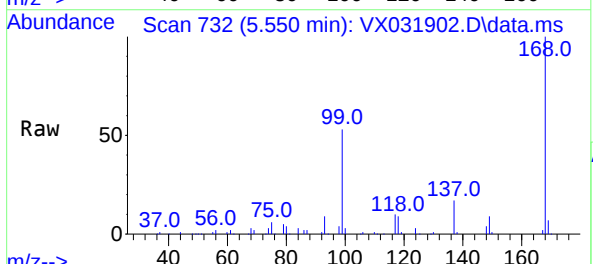
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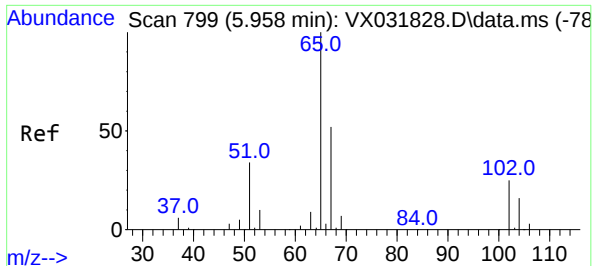
Tgt Ion: 43 Resp: 400
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



#31
Cyclohexane
Concen: 0.847 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

Tgt Ion: 56 Resp: 1597
Ion Ratio Lower Upper
56 100
69 130.5 25.1 37.7#
84 142.7 70.2 105.4#

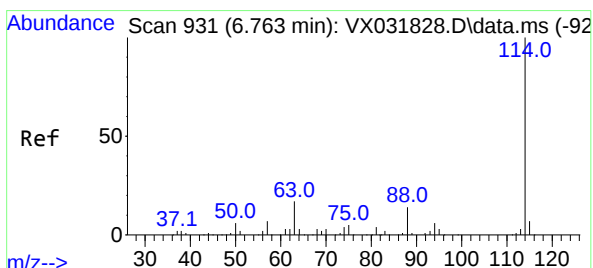
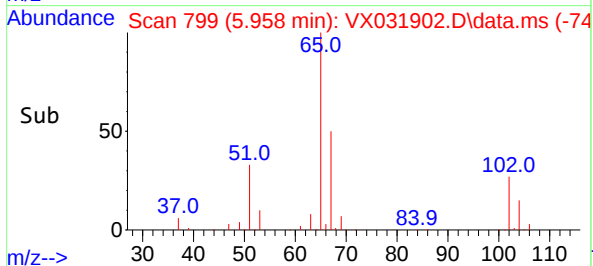
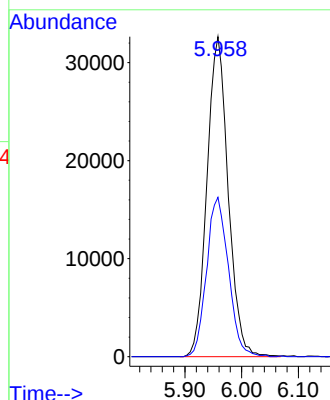
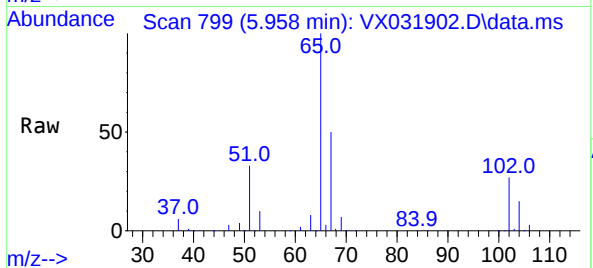




#33
1,2-Dichloroethane-d4
Concen: 51.904 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

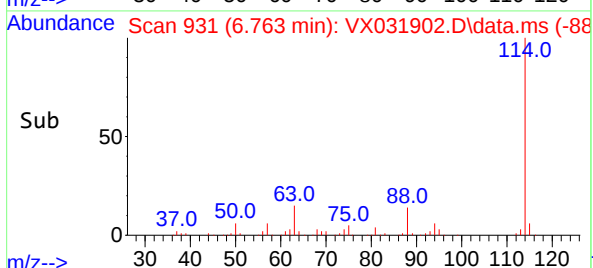
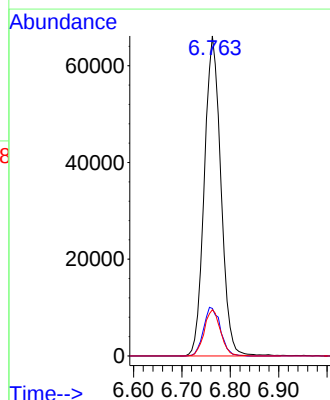
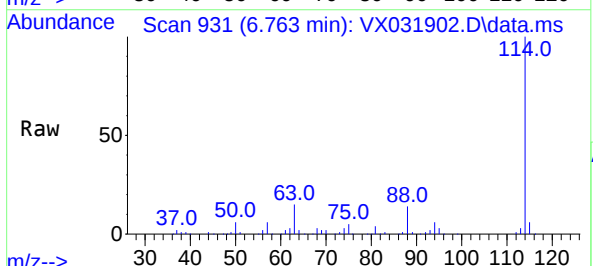
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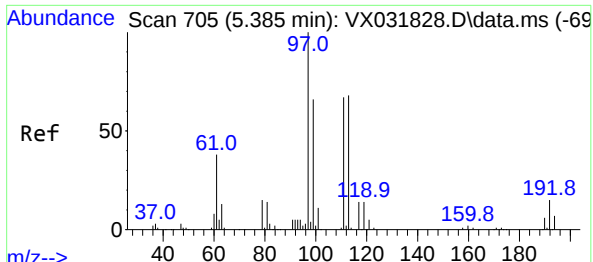
Tgt Ion: 65 Resp: 84665
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

Tgt Ion: 114 Resp: 157350
Ion Ratio Lower Upper
114 100
63 14.9 0.0 42.6
88 14.5 0.0 33.0

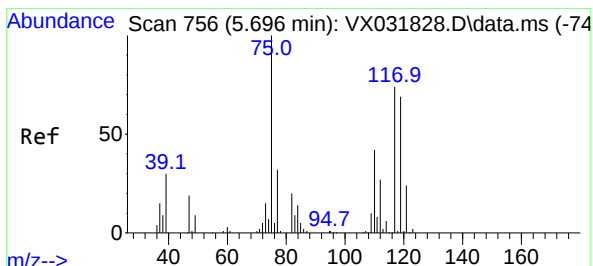
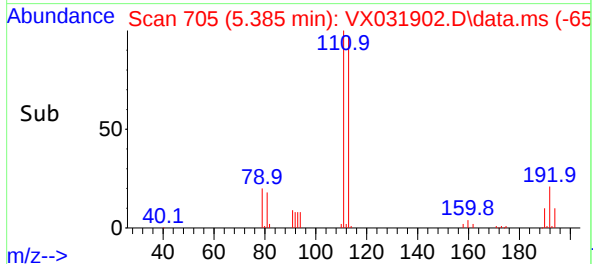
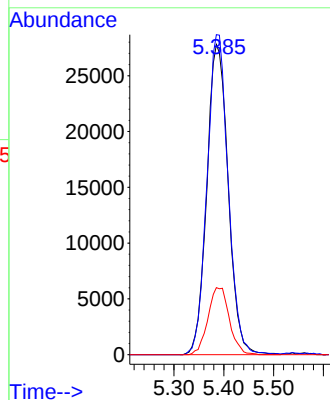
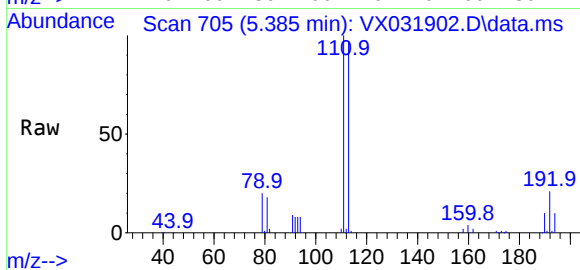




#35
Dibromofluoromethane
Concen: 48.113 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

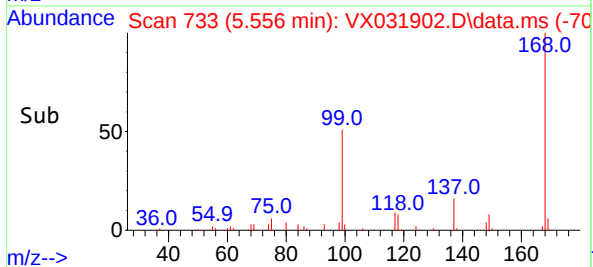
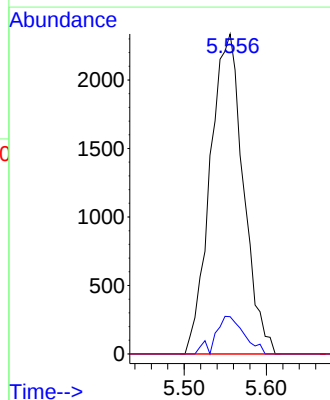
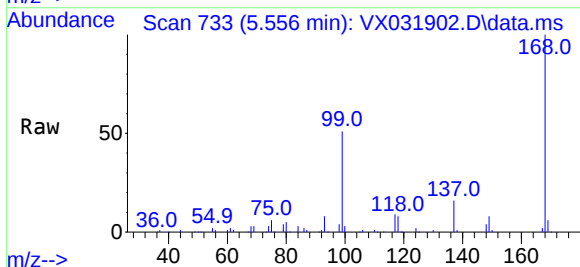
Instrument : MSVOA_X
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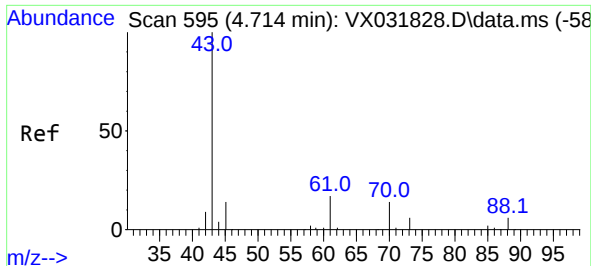
Tgt Ion:113 Resp: 82829
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 21.6 14.1 21.1#



#36
1,1-Dichloropropene
Concen: 3.278 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

Tgt Ion: 75 Resp: 6551
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.9 37.3#

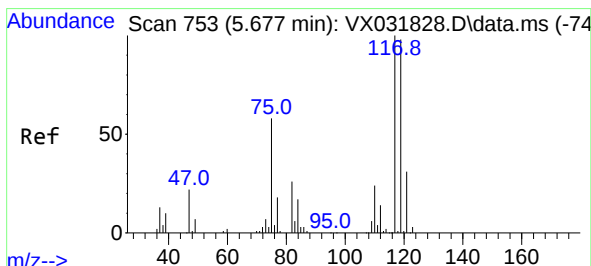
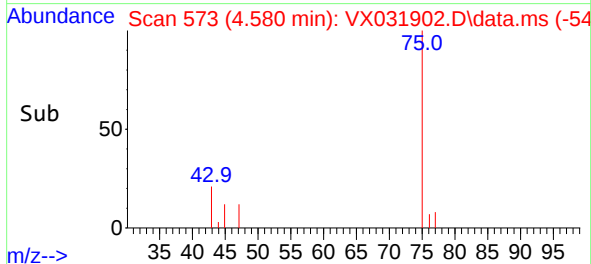
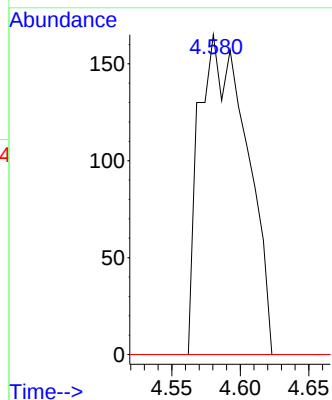
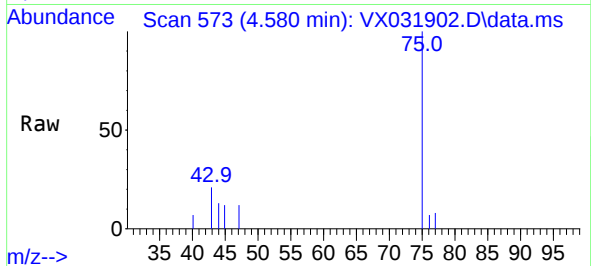




#37
Ethyl Acetate
Concen: 0.259 ug/l
RT: 4.580 min Scan# 51
Delta R.T. -0.134 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

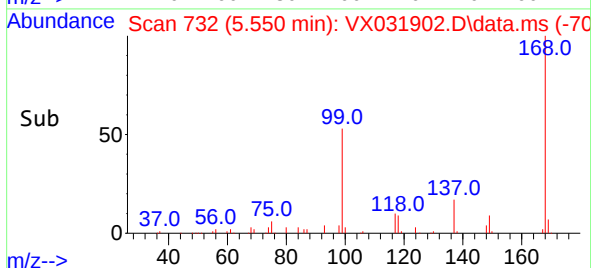
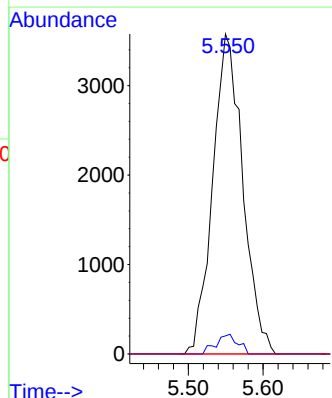
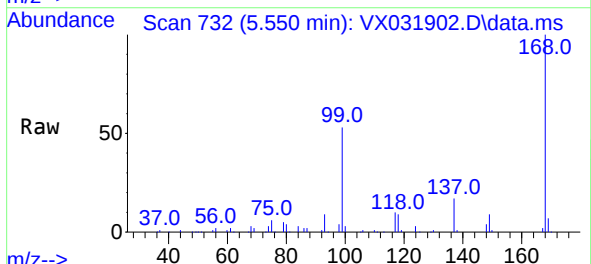
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-02-255-275-100422

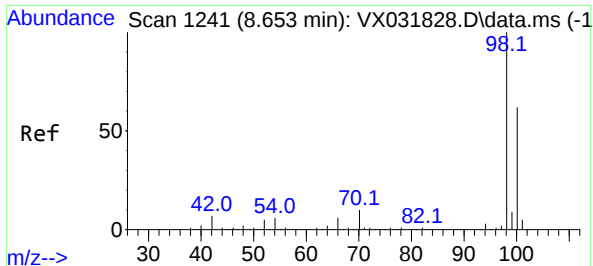
Tgt Ion: 43 Resp: 400
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.6 13.0#



#38
Carbon Tetrachloride
Concen: 4.245 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

Tgt Ion: 117 Resp: 9988
Ion Ratio Lower Upper
117 100
119 5.7 74.6 112.0#
121 0.0 25.3 37.9#

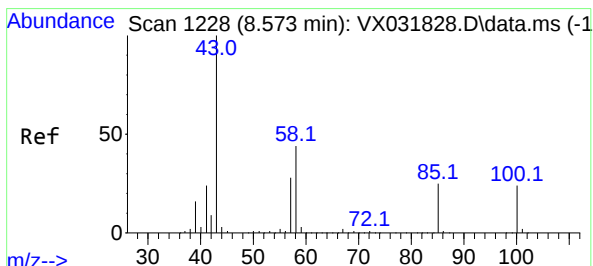
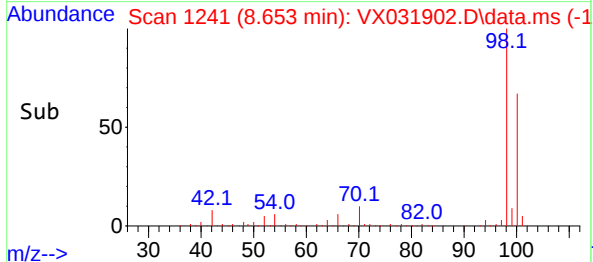
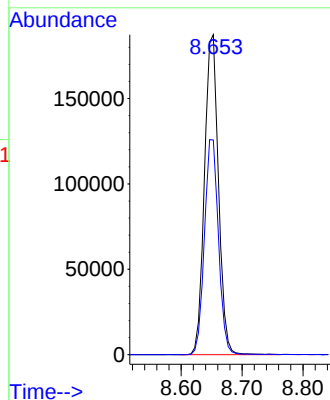
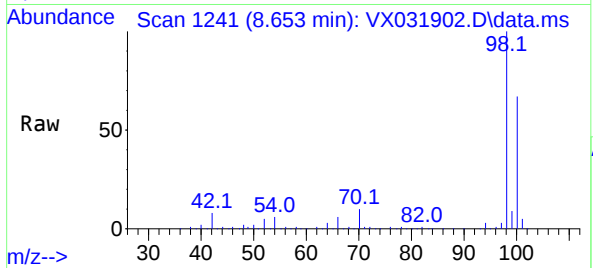




#50
Toluene-d8
Concen: 49.152 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

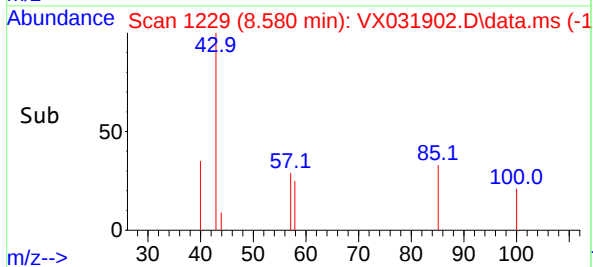
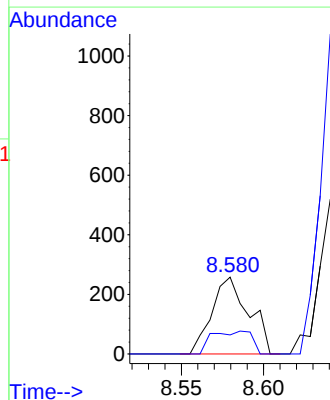
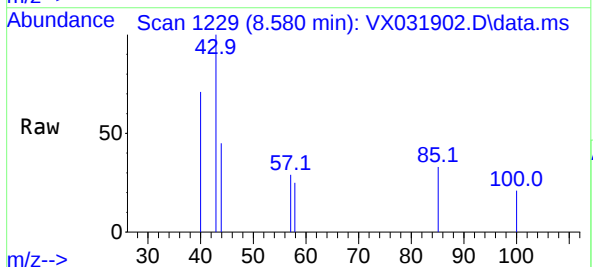
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-02-255-275-100422

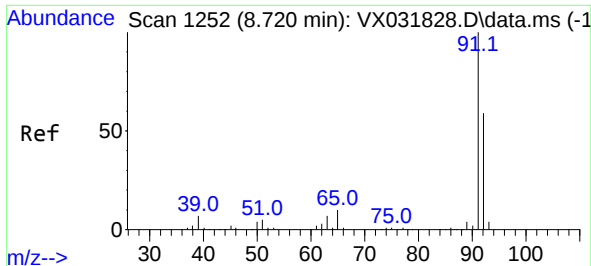
Tgt Ion: 98 Resp: 299736
Ion Ratio Lower Upper
98 100
100 67.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.254 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

Tgt Ion: 43 Resp: 403
Ion Ratio Lower Upper
43 100
58 32.0 30.6 46.0

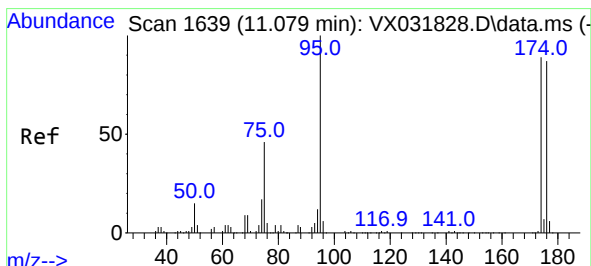
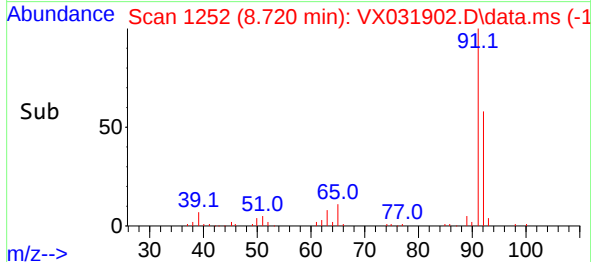
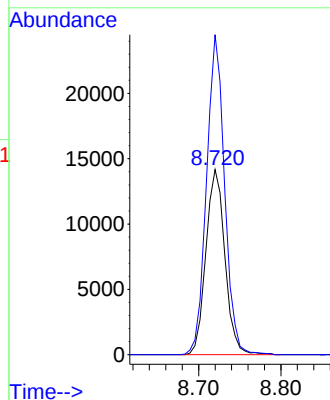
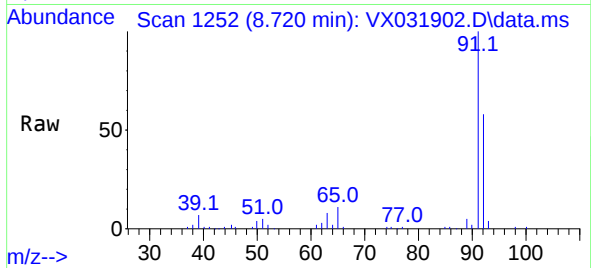




#52
Toluene
Concen: 5.360 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

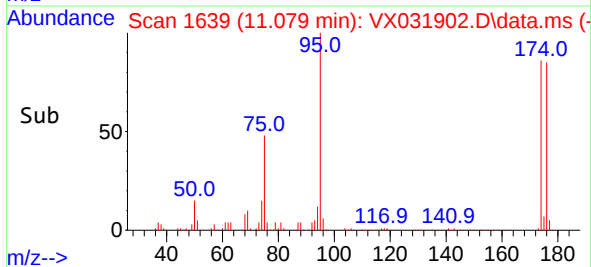
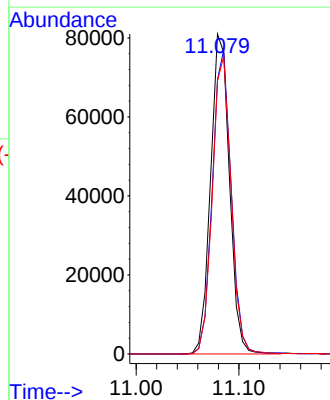
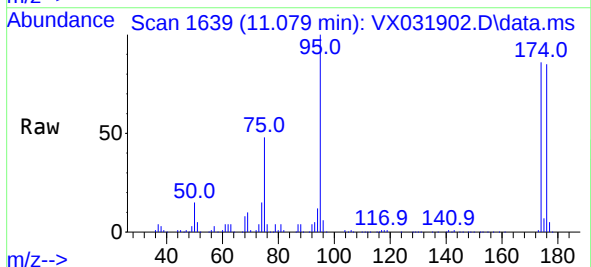
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-02-255-275-100422

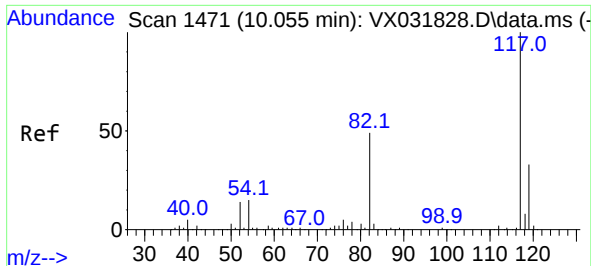
Tgt Ion: 92 Resp: 22805
Ion Ratio Lower Upper
92 100
91 164.1 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 47.083 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

Tgt Ion: 95 Resp: 103278
Ion Ratio Lower Upper
95 100
174 94.4 0.0 153.2
176 92.1 0.0 144.0

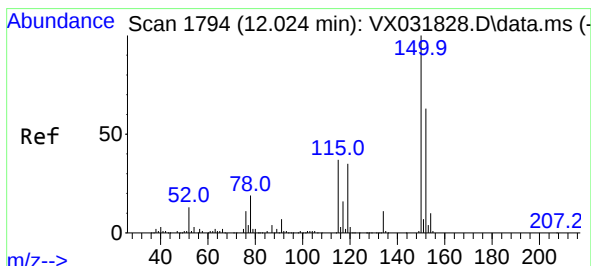
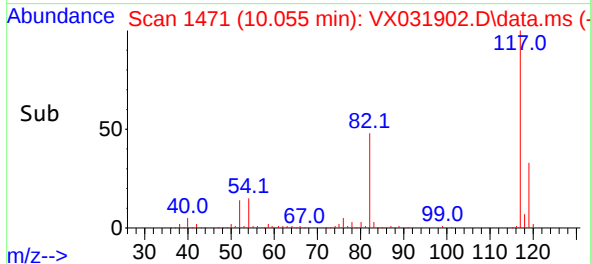
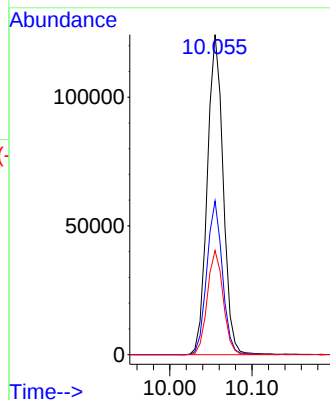
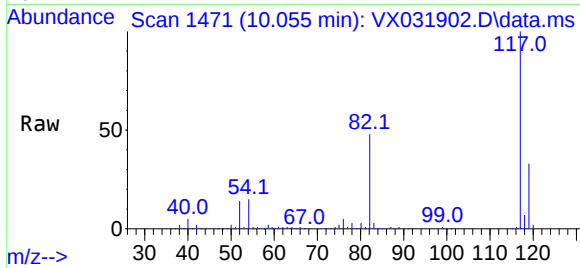




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

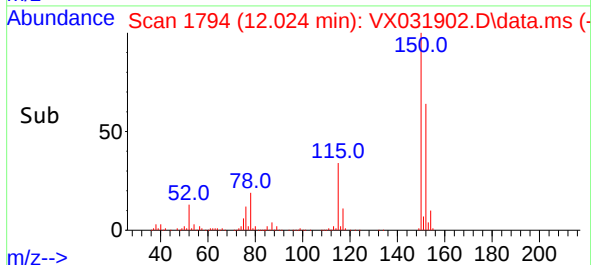
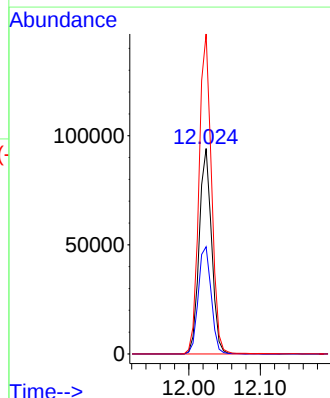
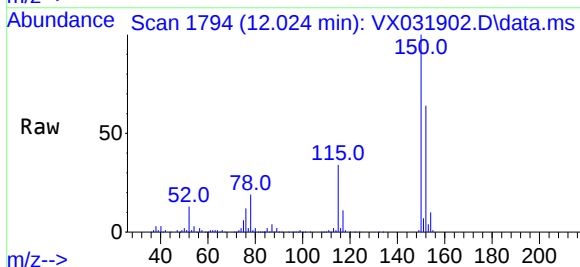
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-02-255-275-100422

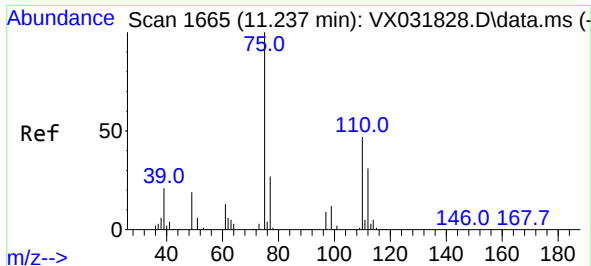
Tgt Ion:117 Resp: 166577
Ion Ratio Lower Upper
117 100
82 48.0 46.8 70.2
119 32.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

Tgt Ion:152 Resp: 113314
Ion Ratio Lower Upper
152 100
115 54.4 43.4 130.1
150 156.5 0.0 346.8

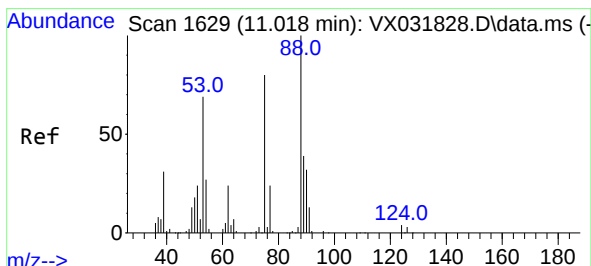
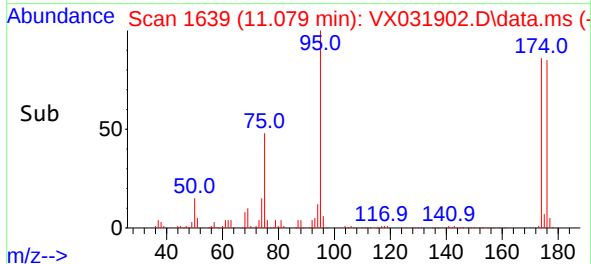
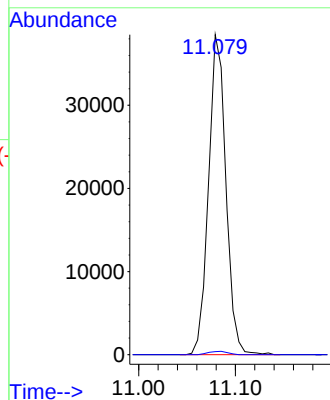
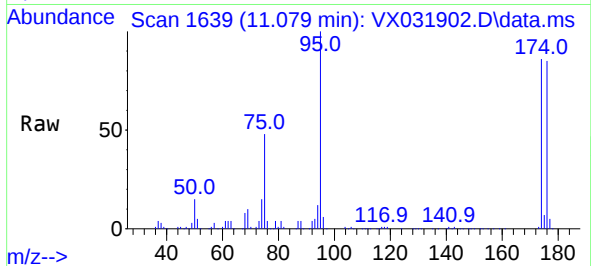




#76
1,2,3-Trichloropropane
Concen: 26.704 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-02-255-275-100422

Tgt Ion: 75 Resp: 48111
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.312 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031902.D
Acq: 05 Oct 2022 18:02

Tgt Ion: 75 Resp: 48111
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#

