

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
 Data File : VX031878.D
 Acq On : 04 Oct 2022 18:39
 Operator : JC/MD
 Sample : N4971-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-02-231-251-100322-FD

Quant Time: Oct 05 06:27:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

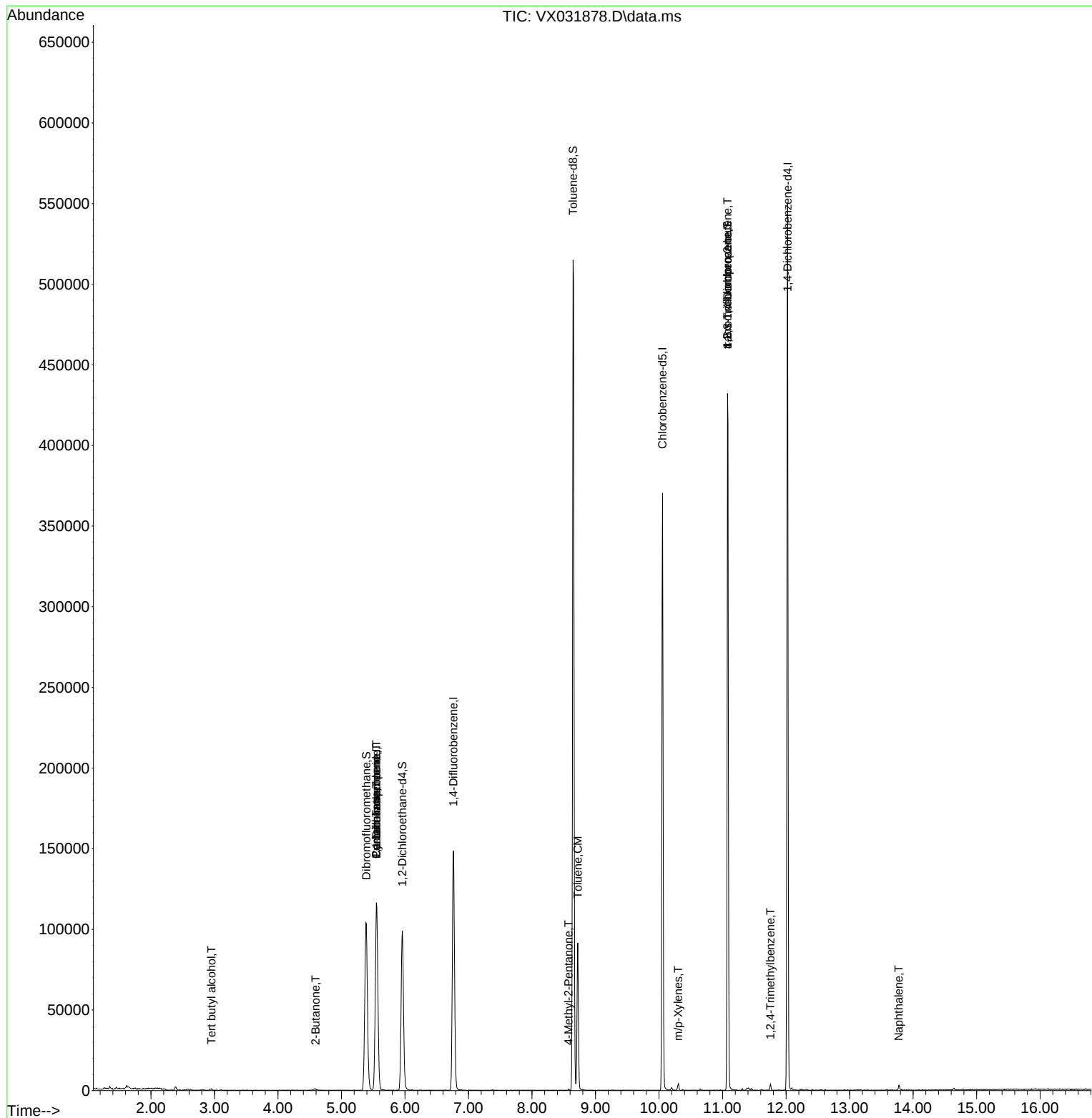
Internal Standards						
1) Pentafluorobenzene	5.550	168	124032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91103	40.999	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.000%		
35) Dibromofluoromethane	5.391	113	90862	44.033	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.060%		
50) Toluene-d8	8.647	98	332410	45.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.060%		
62) 4-Bromofluorobenzene	11.079	95	114708	43.151	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.300%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	465	Below Cal		95
6) Chloroethane	1.660	64	45	Below Cal	#	43
11) Tert butyl alcohol	2.952	59	626	2.023 ug/l	#	73
16) Acetone	2.386	43	2577	Below Cal		89
17) Carbon Disulfide	2.520	76	323	Below Cal	#	75
25) 2-Butanone	4.592	43	633	0.621 ug/l	#	49
31) Cyclohexane	5.550	56	1793	0.678 ug/l	#	1
36) 1,1-Dichloropropene	5.550	75	7362	2.877 ug/l	#	51
38) Carbon Tetrachloride	5.550	117	10789	3.397 ug/l	#	17
51) 4-Methyl-2-Pentanone	8.573	43	475	0.242 ug/l	#	77
52) Toluene	8.720	92	35680	6.885 ug/l		99
68) m/p-Xylenes	10.299	106	1147	0.305 ug/l		96
76) 1,2,3-Trichloropropane	11.079	75	53394	23.181 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	11.079	75	53394	79.579 ug/l	#	11
84) 1,2,4-Trimethylbenzene	11.756	105	2062	0.277 ug/l		98
95) Naphthalene	13.774	128	2917	0.343 ug/l		97

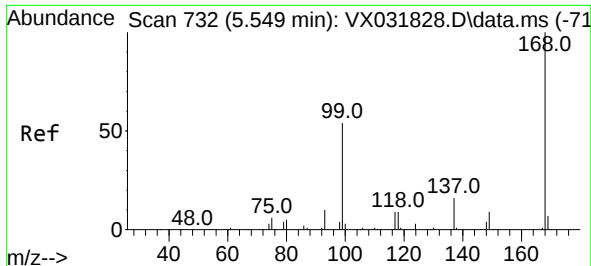
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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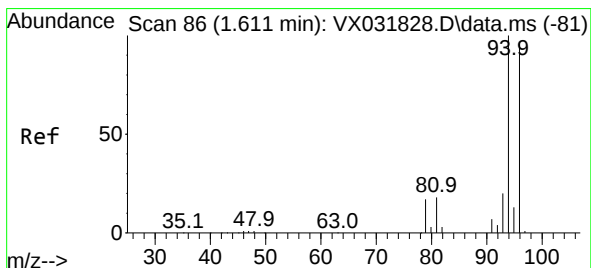
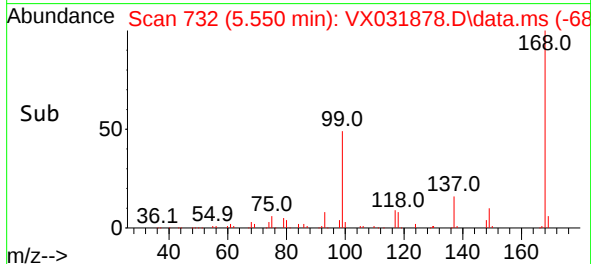
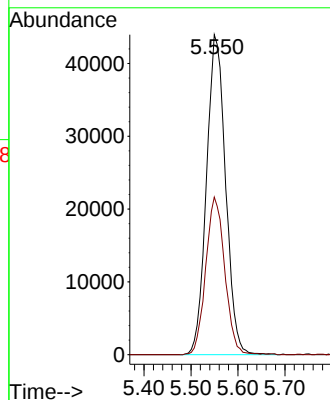
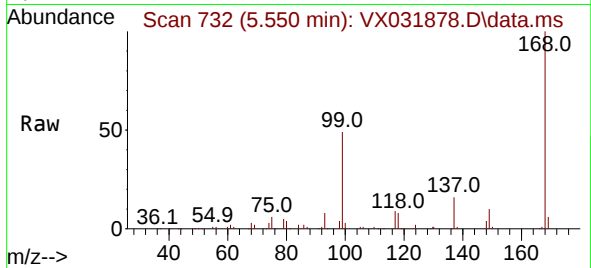




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

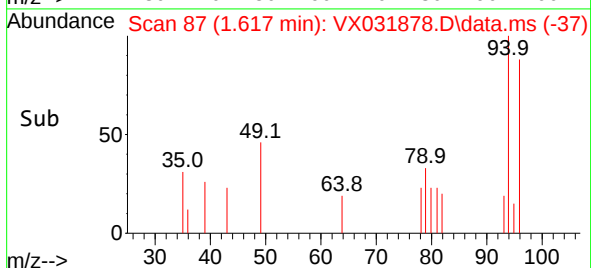
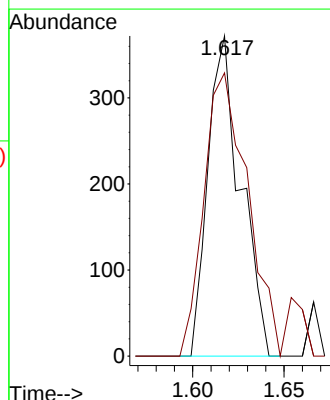
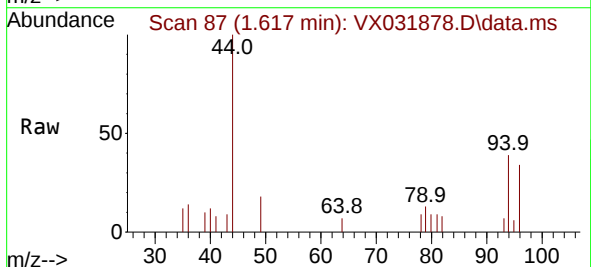
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-02-231-251-100322-FD

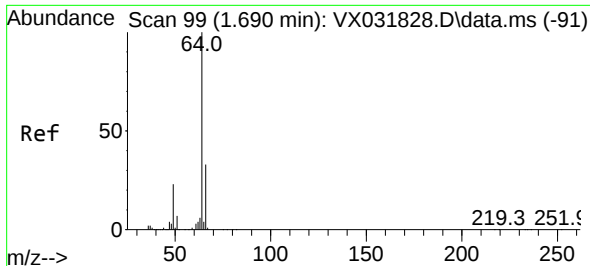
Tgt Ion:168 Resp: 124032
Ion Ratio Lower Upper
168 100
99 49.3 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

Tgt Ion: 94 Resp: 465
Ion Ratio Lower Upper
94 100
96 88.4 74.4 111.6

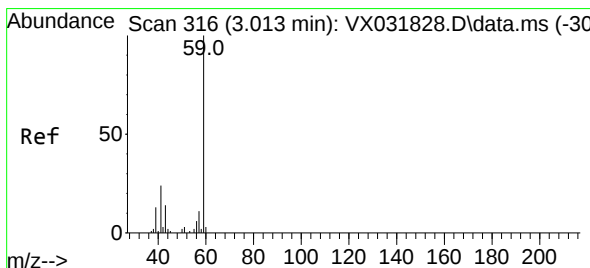
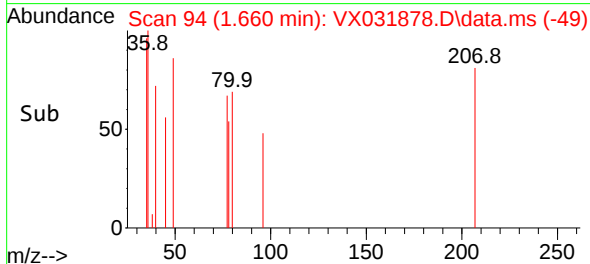
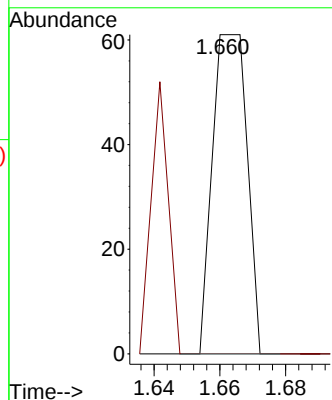
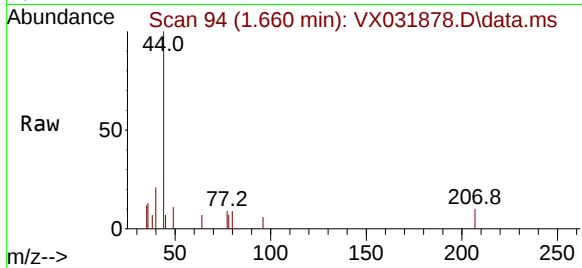




#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.025 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

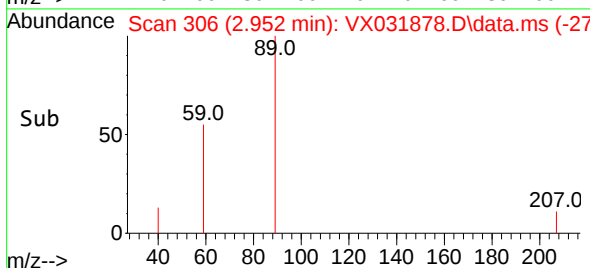
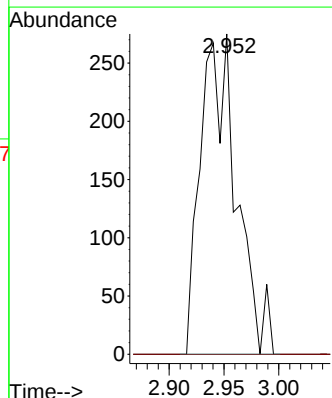
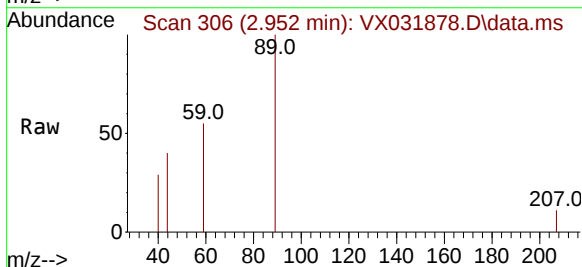
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-02-231-251-100322-FD

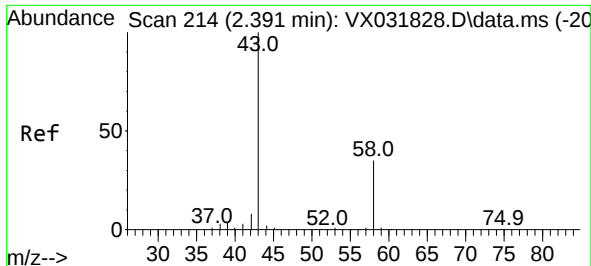
Tgt Ion: 64 Resp: 45
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#11
Tert butyl alcohol
Concen: 2.023 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.129 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

Tgt Ion: 59 Resp: 626
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

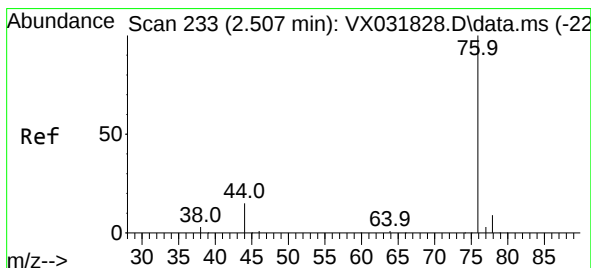
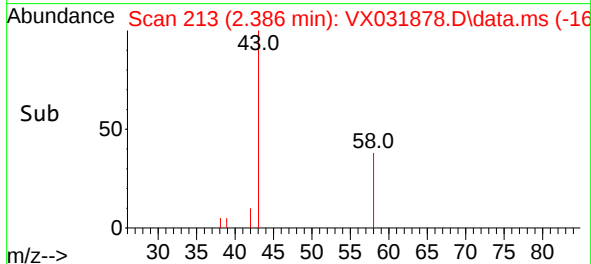
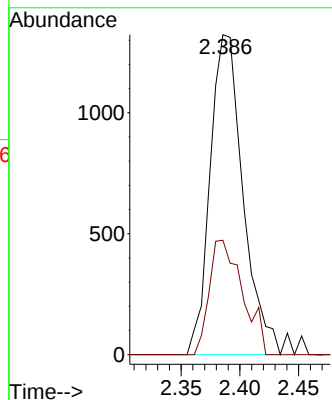
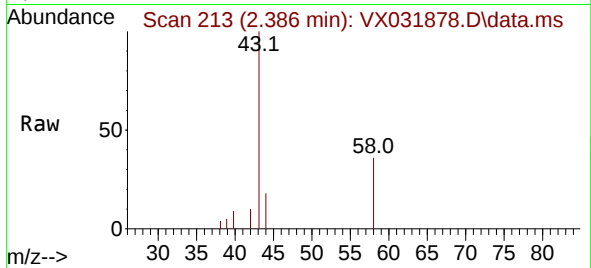




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

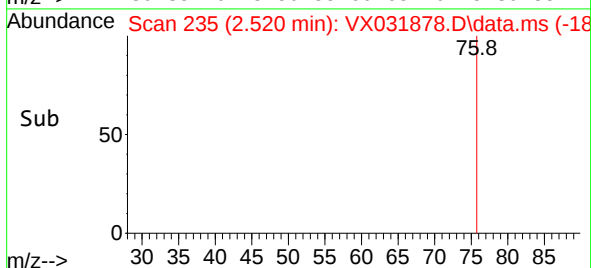
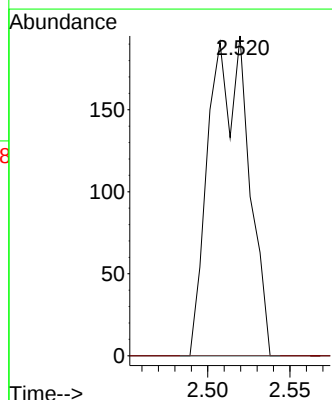
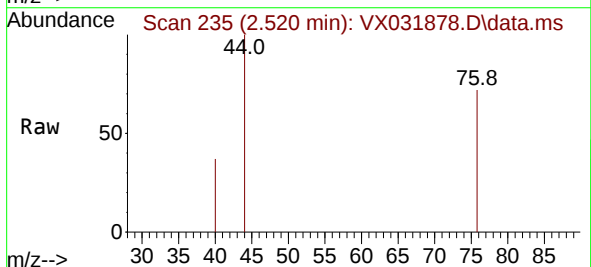
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-02-231-251-100322-FD

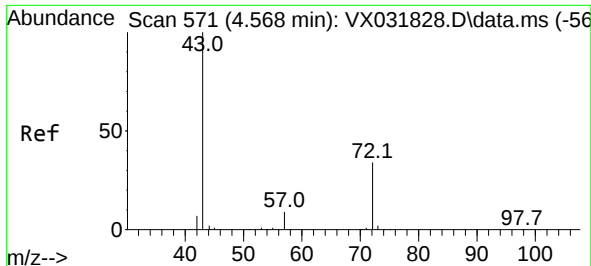
Tgt Ion: 43 Resp: 2577
Ion Ratio Lower Upper
43 100
58 35.8 23.8 35.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.520 min Scan# 235
Delta R.T. 0.012 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

Tgt Ion: 76 Resp: 323
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#25

2-Butanone

Concen: 0.621 ug/l

RT: 4.592 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX031878.D

Acq: 04 Oct 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

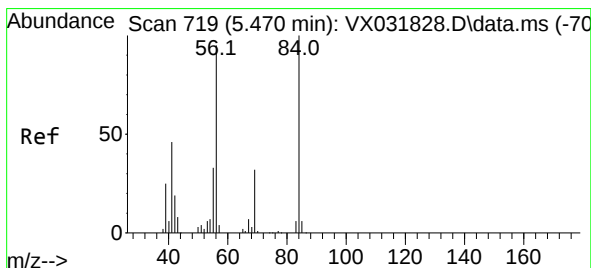
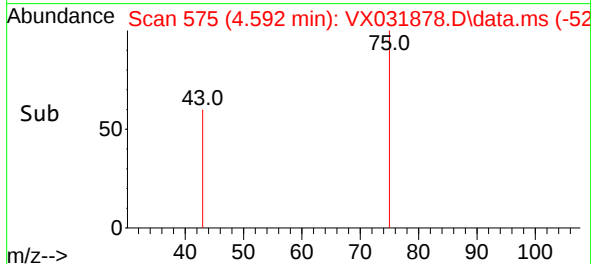
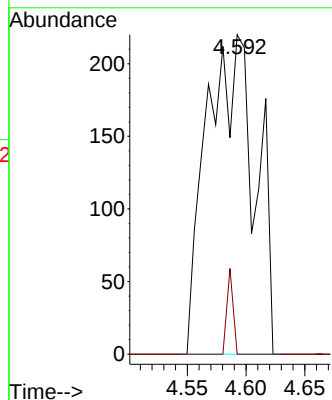
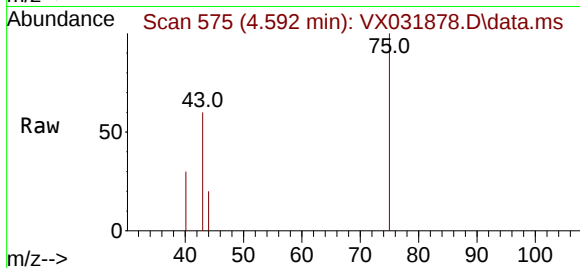
GWOW-BR-02-231-251-100322-FD

Tgt Ion: 43 Resp: 633

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#31

Cyclohexane

Concen: 0.678 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX031878.D

Acq: 04 Oct 2022 18:39

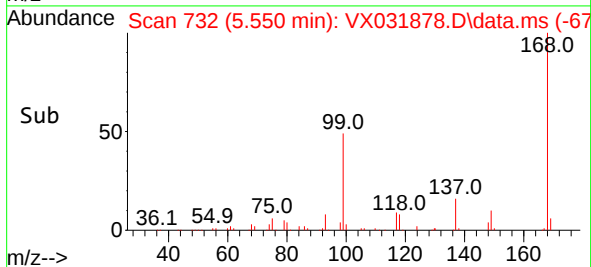
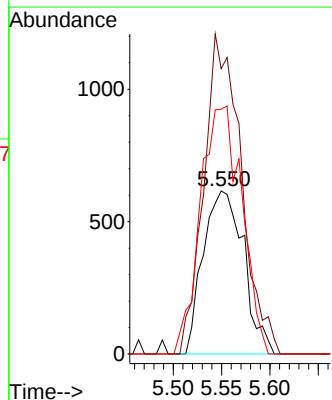
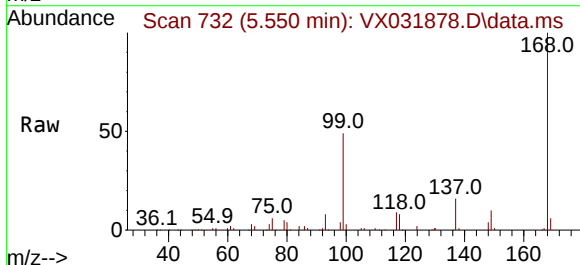
Tgt Ion: 56 Resp: 1793

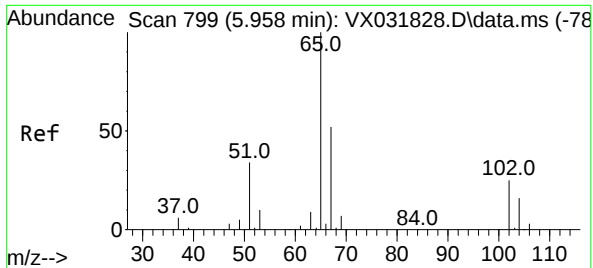
Ion Ratio Lower Upper

56 100

69 175.0 25.1 37.7#

84 150.2 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 40.999 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX031878.D

Acq: 04 Oct 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

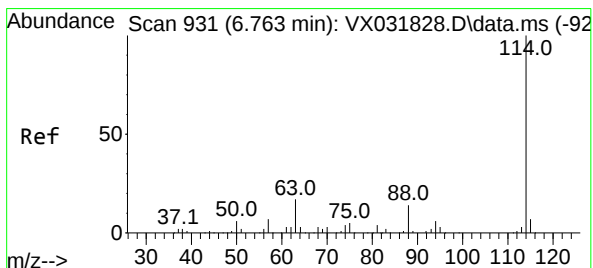
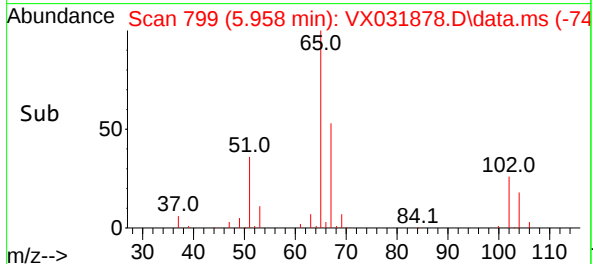
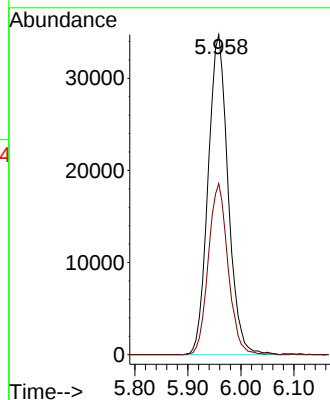
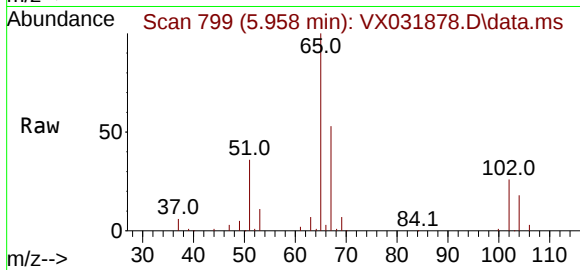
GWOW-BR-02-231-251-100322-FD

Tgt Ion: 65 Resp: 91103

Ion Ratio Lower Upper

65 100

67 52.6 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: VX031878.D

Acq: 04 Oct 2022 18:39

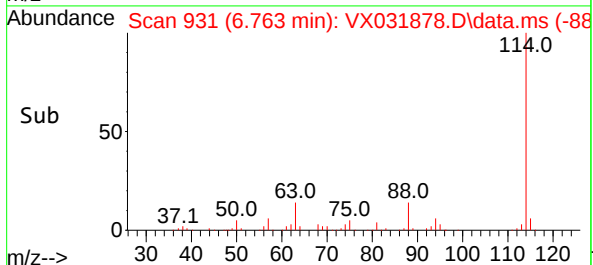
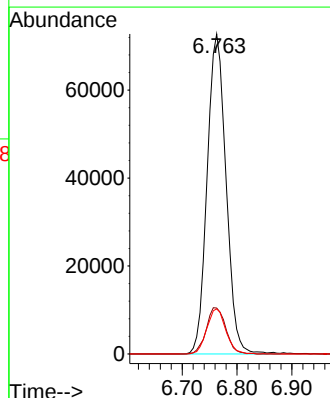
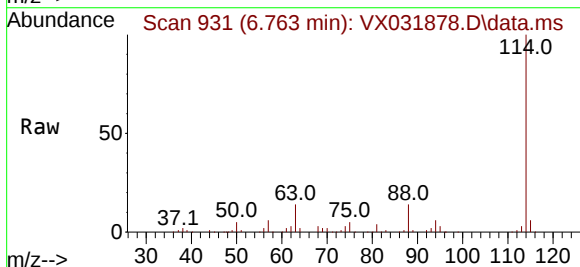
Tgt Ion: 114 Resp: 173680

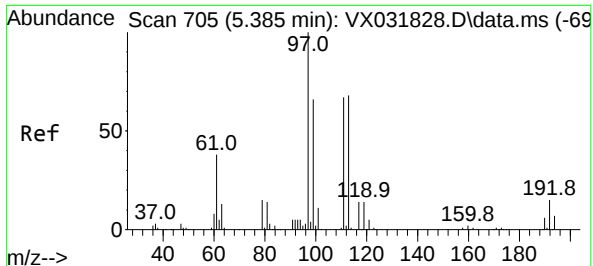
Ion Ratio Lower Upper

114 100

63 14.4 0.0 42.6

88 14.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 44.033 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX031878.D

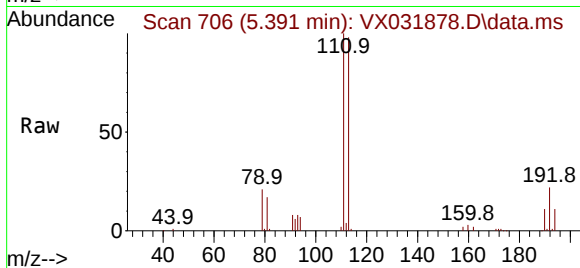
Acq: 04 Oct 2022 18:39

Instrument :

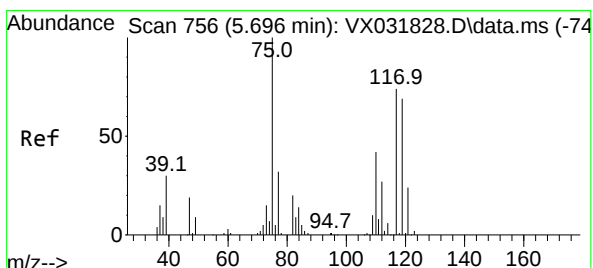
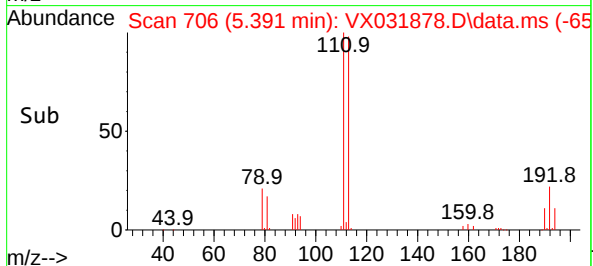
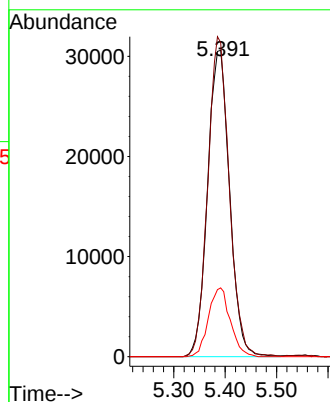
MSVOA_X

ClientSampleId :

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Tgt Ion:	113	Resp:	90862
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	22.3	14.1	21.1



#36

1,1-Dichloropropene

Concen: 2.877 ug/l

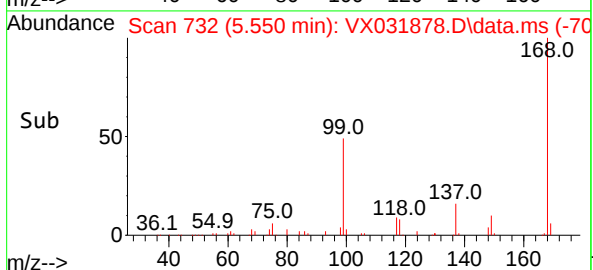
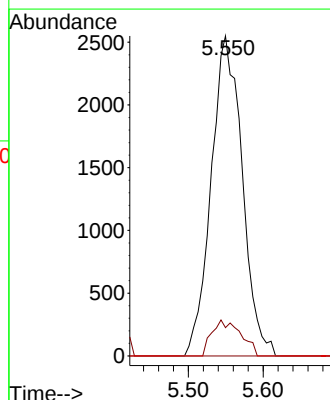
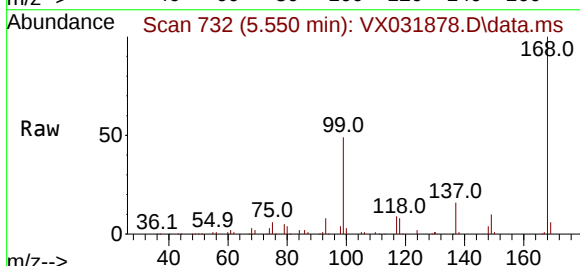
RT: 5.550 min Scan# 732

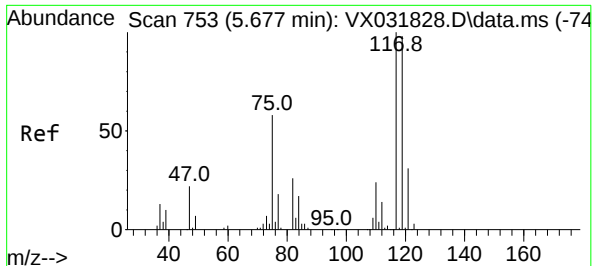
Delta R.T. -0.146 min

Lab File: VX031878.D

Acq: 04 Oct 2022 18:39

Tgt Ion:	75	Resp:	7362
Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.5	52.5
77	0.0	24.9	37.3

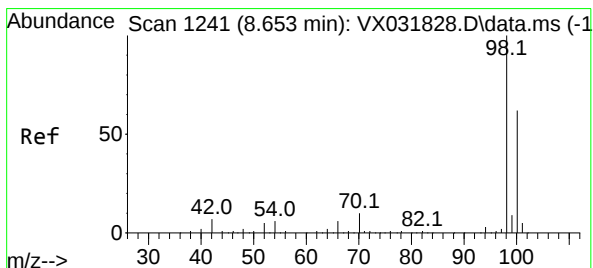
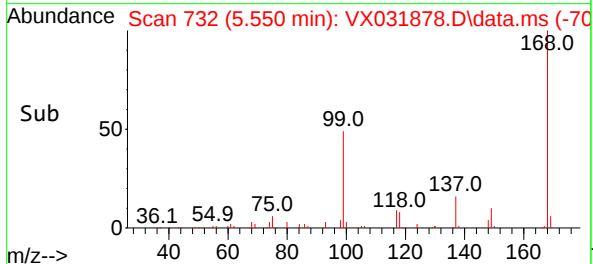
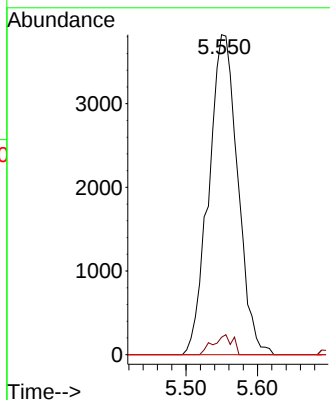
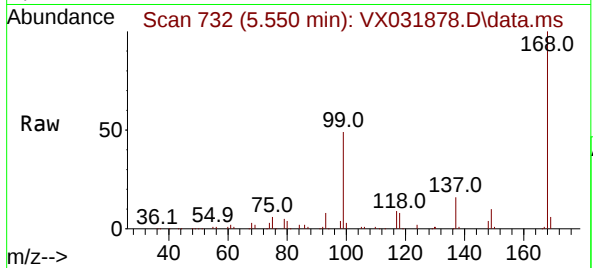




#38
Carbon Tetrachloride
Concen: 3.397 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

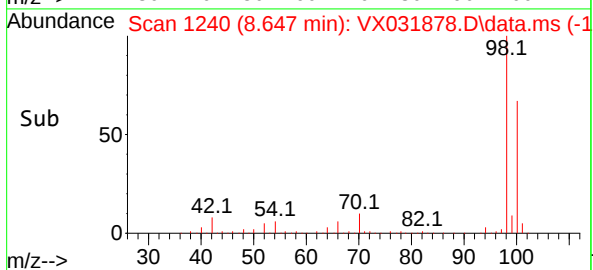
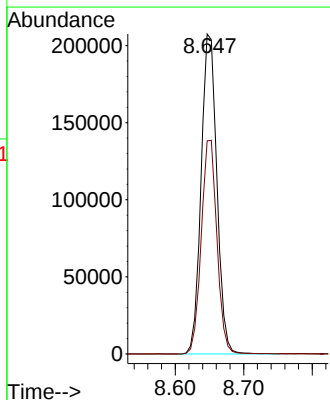
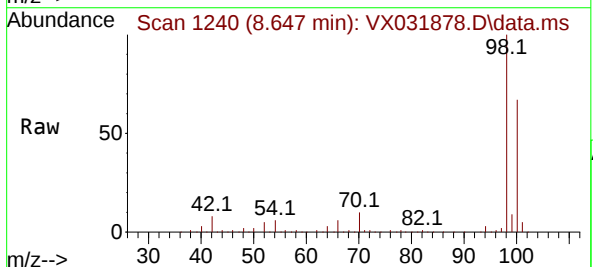
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GWOW-BR-02-231-251-100322-FD

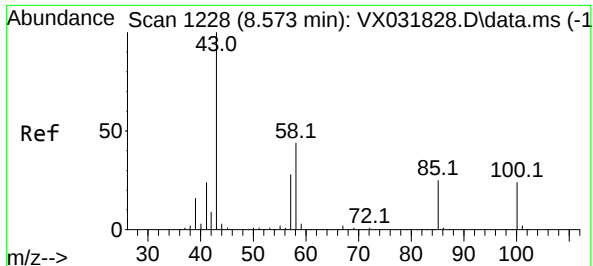
Tgt Ion:117 Resp: 10789
Ion Ratio Lower Upper
117 100
119 5.4 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 45.031 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

Tgt Ion: 98 Resp: 332410
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7

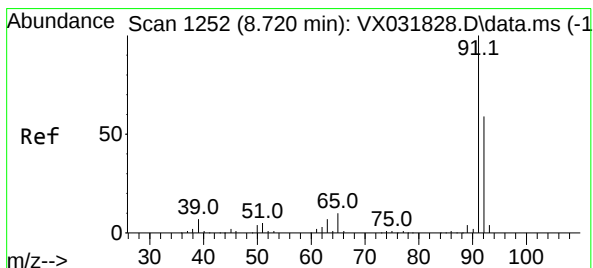
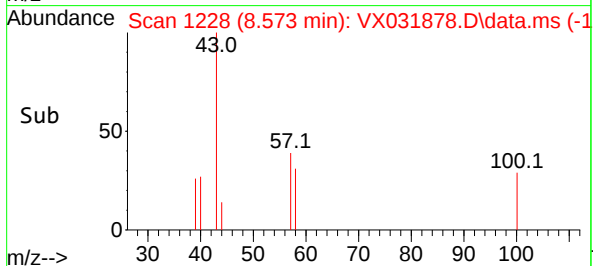
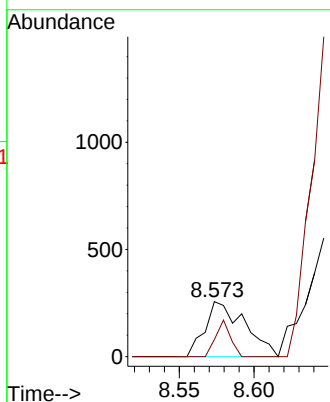
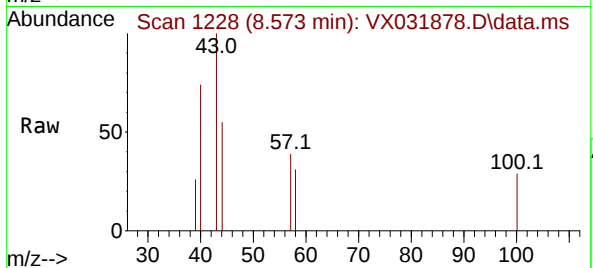




#51
4-Methyl-2-Pentanone
Concen: 0.242 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

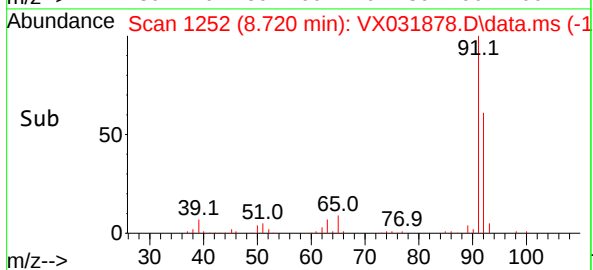
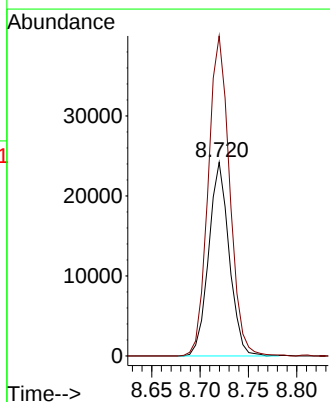
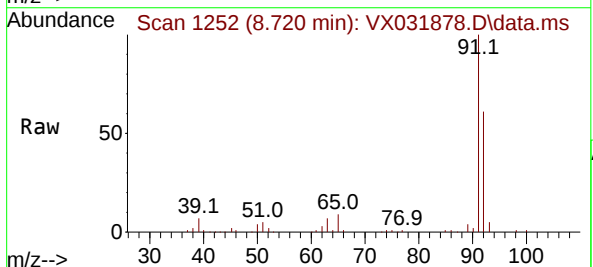
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-02-231-251-100322-FD

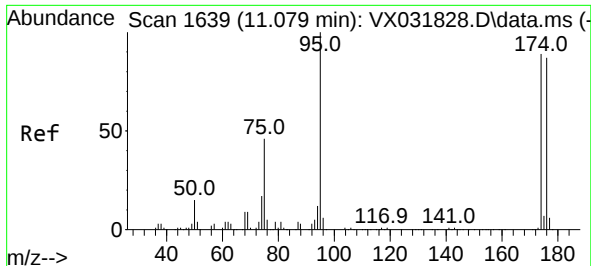
Tgt Ion: 43 Resp: 475
Ion Ratio Lower Upper
43 100
58 24.4 30.6 46.0#



#52
Toluene
Concen: 6.885 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

Tgt Ion: 92 Resp: 35680
Ion Ratio Lower Upper
92 100
91 173.0 137.1 205.7

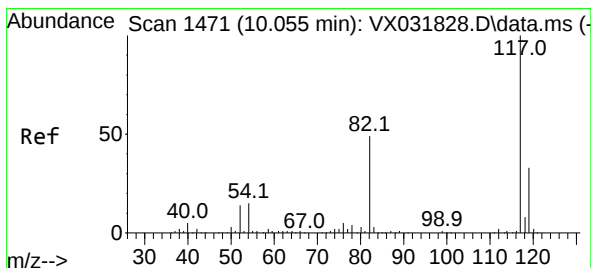
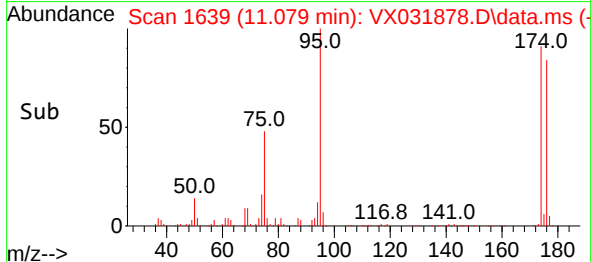
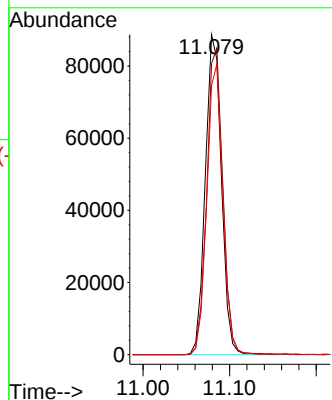
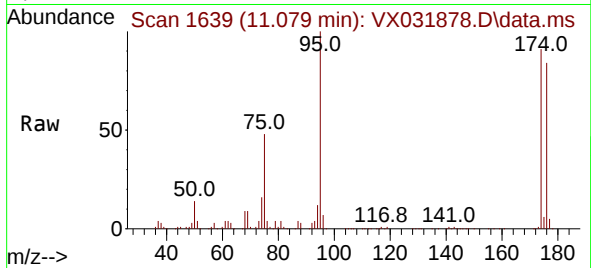




#62
4-Bromofluorobenzene
Concen: 43.151 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

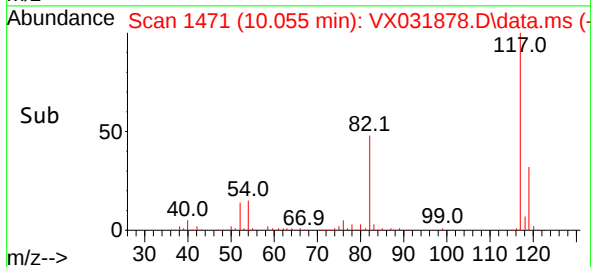
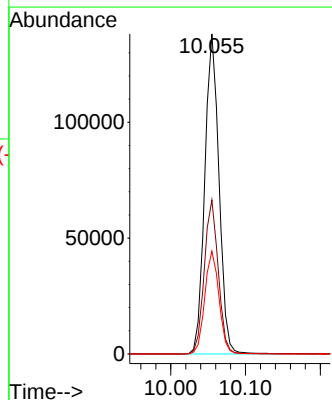
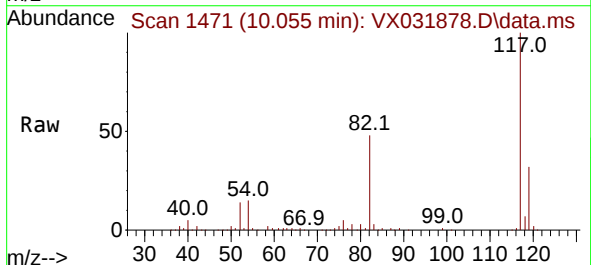
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-02-231-251-100322-FD

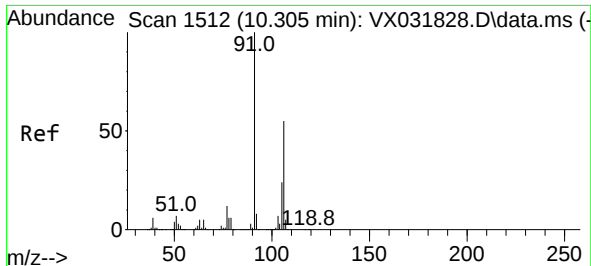
Tgt Ion: 95 Resp: 114708
Ion Ratio Lower Upper
95 100
174 95.8 0.0 153.2
176 90.5 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

Tgt Ion: 117 Resp: 182668
Ion Ratio Lower Upper
117 100
82 48.1 46.8 70.2
119 32.2 26.4 39.6

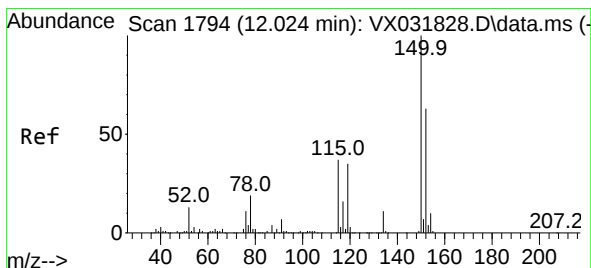
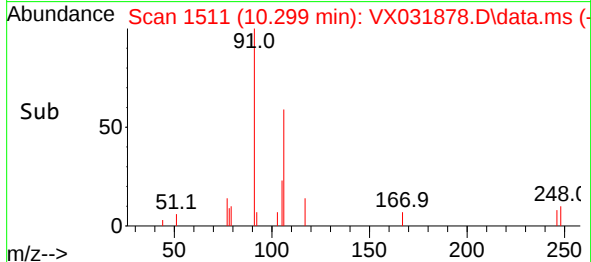
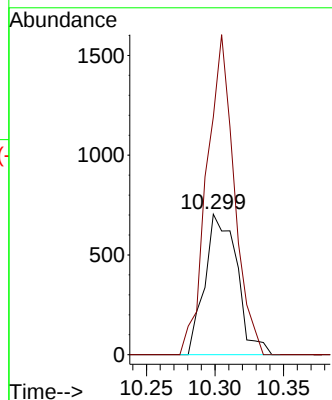
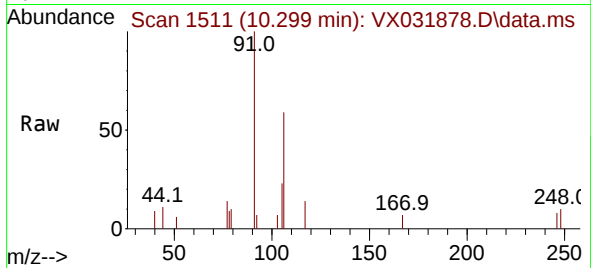




#68
m/p-Xylenes
Concen: 0.305 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

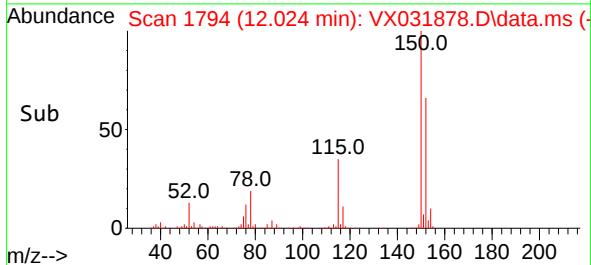
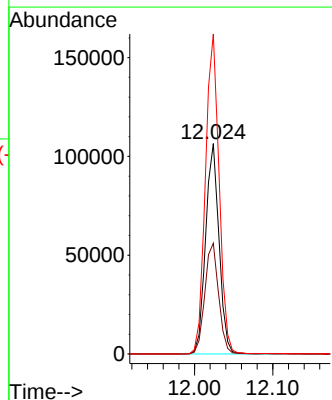
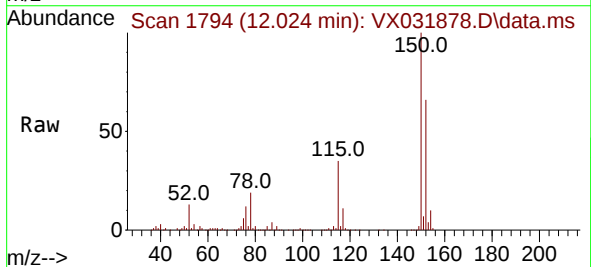
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-02-231-251-100322-FD

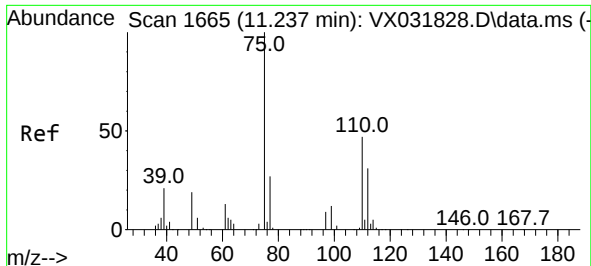
Tgt Ion:106 Resp: 1147
Ion Ratio Lower Upper
106 100
91 195.1 161.0 241.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

Tgt Ion:152 Resp: 126597
Ion Ratio Lower Upper
152 100
115 54.2 43.4 130.1
150 154.8 0.0 346.8

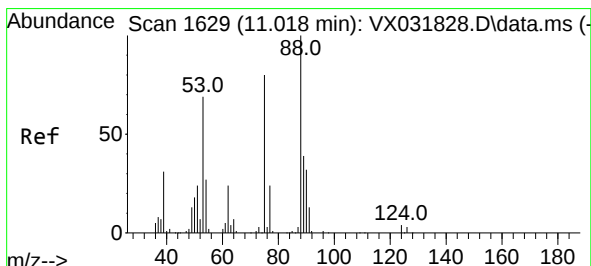
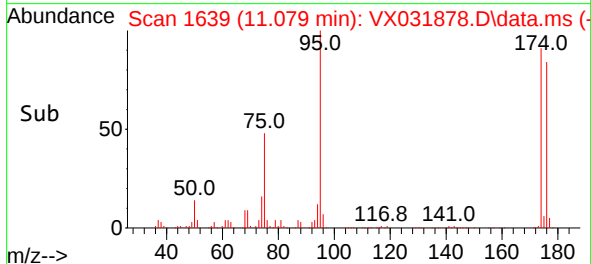
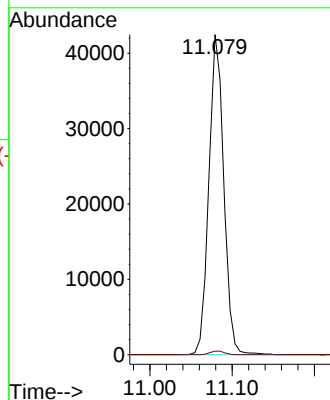
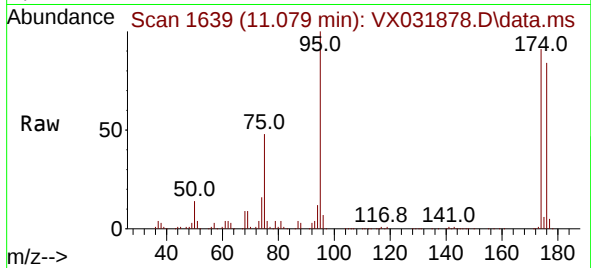




#76
1,2,3-Trichloropropane
Concen: 23.181 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

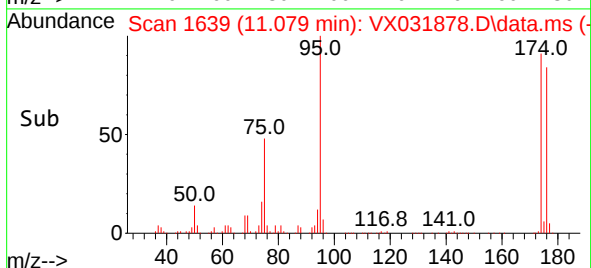
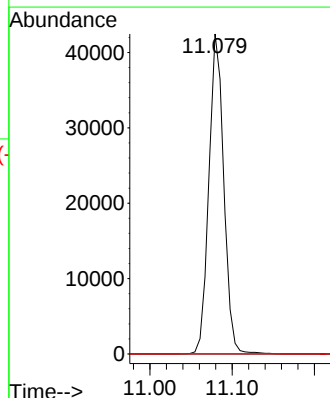
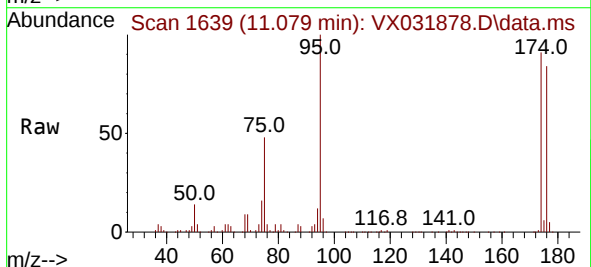
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-02-231-251-100322-FD

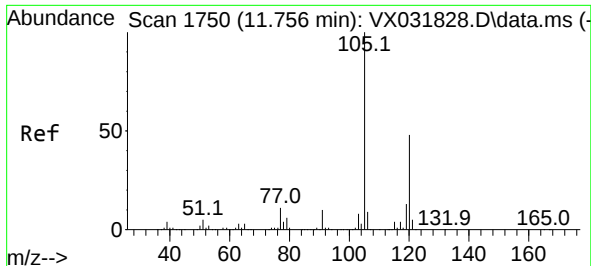
Tgt Ion: 75 Resp: 53394
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.579 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

Tgt Ion: 75 Resp: 53394
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

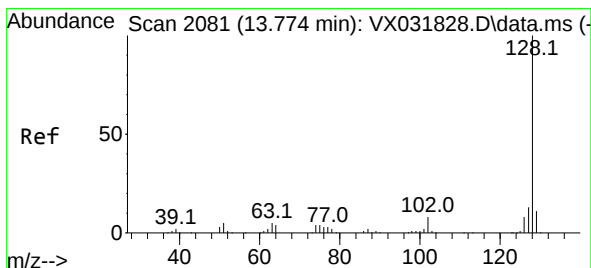
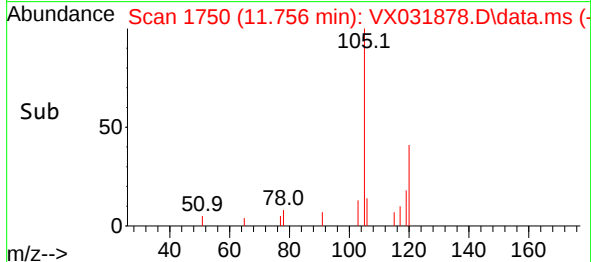
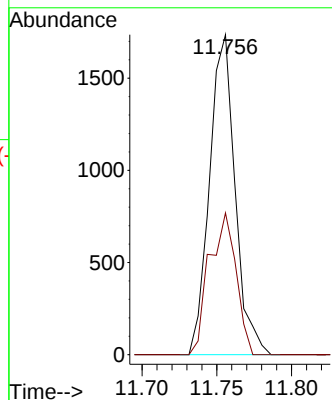
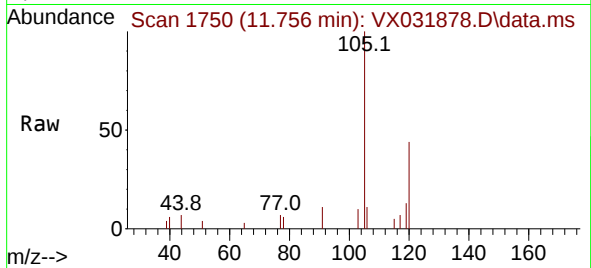




#84
1,2,4-Trimethylbenzene
Concen: 0.277 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-02-231-251-100322-FD

Tgt Ion:105 Resp: 2062
Ion Ratio Lower Upper
105 100
120 46.4 22.6 67.8



#95
Naphthalene
Concen: 0.343 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031878.D
Acq: 04 Oct 2022 18:39

Tgt Ion:128 Resp: 2917
Ion Ratio Lower Upper
128 100
127 12.2 10.4 15.6
129 12.7 8.8 13.2

