

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031962.D
 Acq On : 07 Oct 2022 15:11
 Operator : JC/MD
 Sample : N5050-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-01-184-204-100622

Quant Time: Oct 08 05:12:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

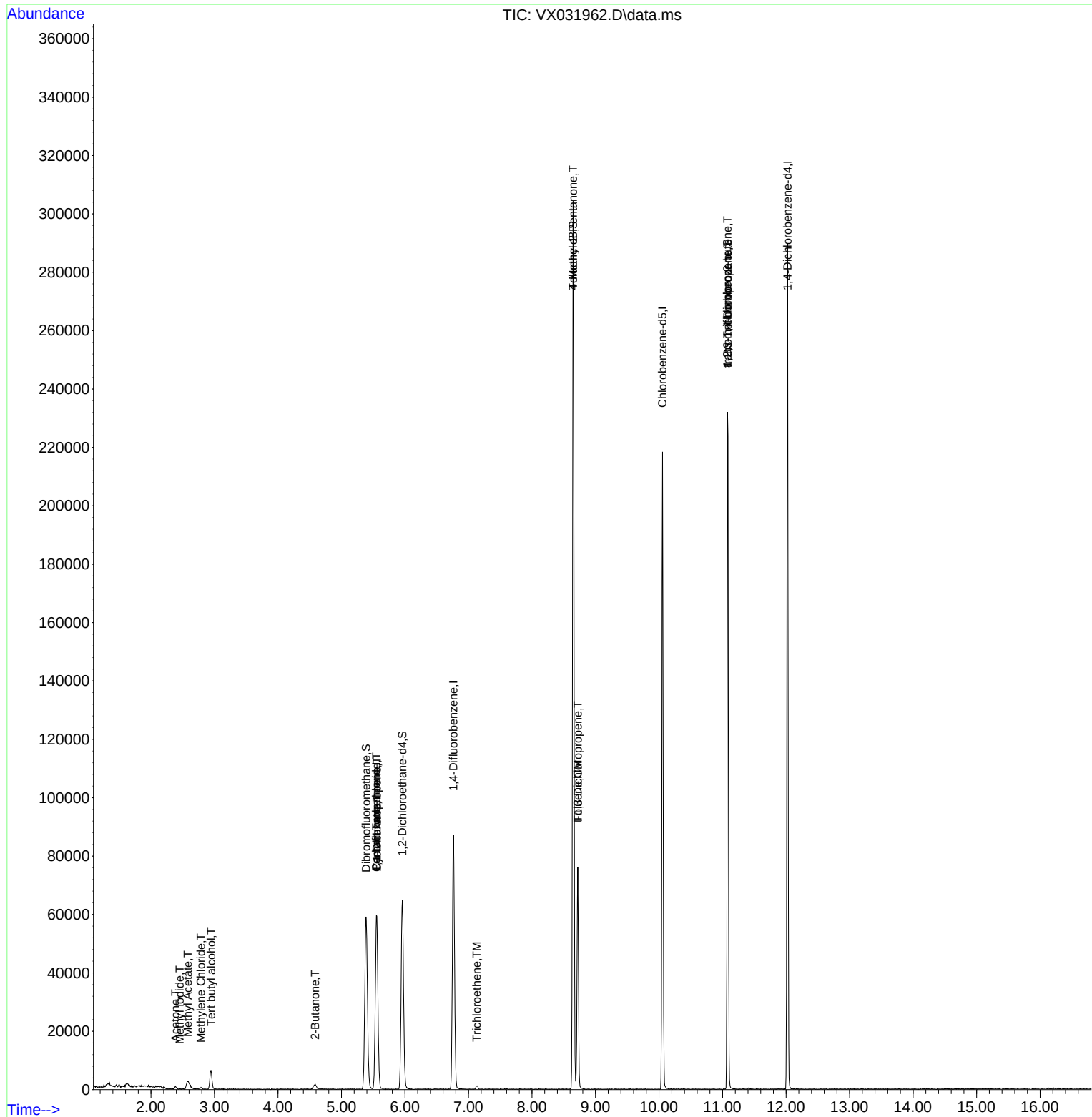
Internal Standards						
1) Pentafluorobenzene	5.550	168	57015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	90343	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61338	52.093	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.180%	
35) Dibromofluoromethane	5.385	113	51339	50.203	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.400%	
50) Toluene-d8	8.647	98	181528	49.331	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.660%	
62) 4-Bromofluorobenzene	11.079	95	62815	48.286	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	224	Below Cal		90
10) Methyl Iodide	2.453	142	53	2.807 ug/l	#	38
11) Tert butyl alcohol	2.947	59	3770	25.734 ug/l	#	73
16) Acetone	2.386	43	1035	2.586 ug/l		94
18) Methyl Acetate	2.581	43	1257	0.952 ug/l	#	52
20) Methylene Chloride	2.788	84	236	0.224 ug/l	#	65
25) 2-Butanone	4.587	43	213	0.340 ug/l	#	49
31) Cyclohexane	5.556	56	1167	0.830 ug/l	#	17
36) 1,1-Dichloropropene	5.556	75	4498	3.317 ug/l	#	46
38) Carbon Tetrachloride	5.550	117	5924	4.272 ug/l	#	18
44) Trichloroethene	7.129	130	579	0.497 ug/l		52
51) 4-Methyl-2-Pentanone	8.647	43	744	0.580 ug/l	#	1
52) Toluene	8.720	92	29248	11.265 ug/l		98
53) t-1,3-Dichloropropene	8.720	75	365	1.461 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	32184	26.650 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32184	91.363 ug/l	#	11

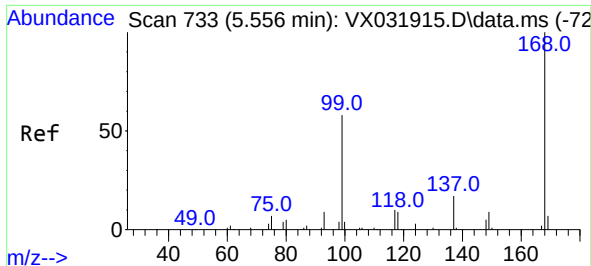
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 08 05:12:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration

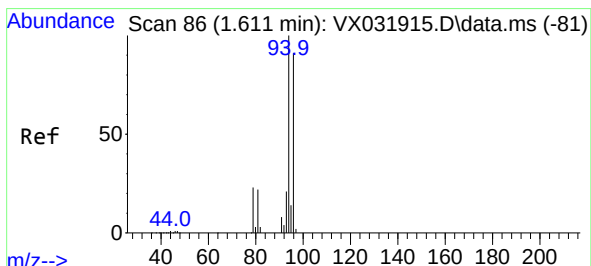
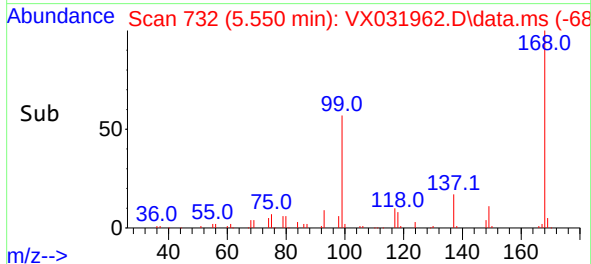
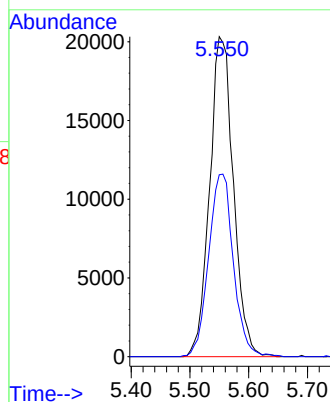
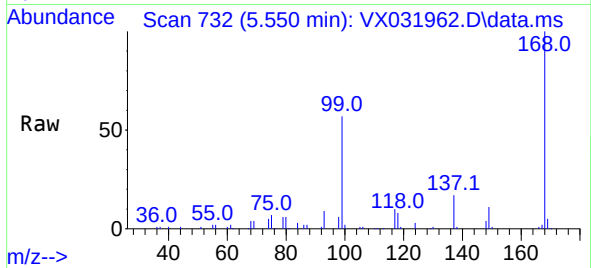




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

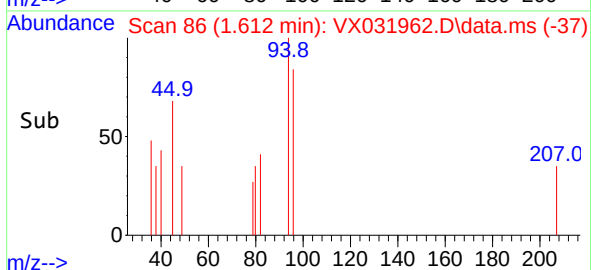
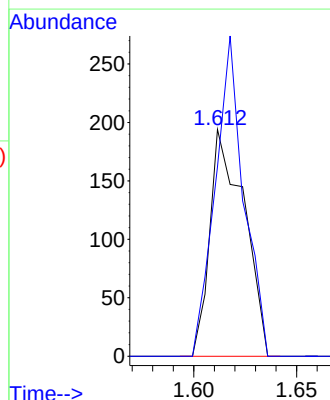
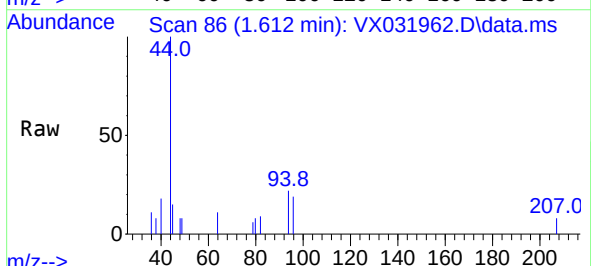
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-184-204-100622

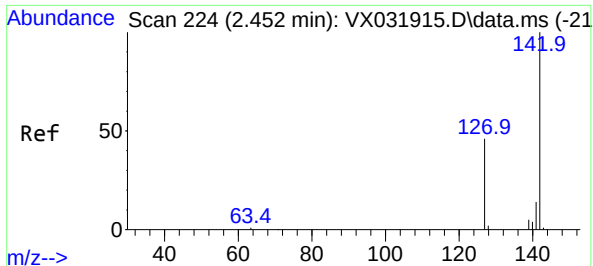
Tgt Ion:168 Resp: 57015
Ion Ratio Lower Upper
168 100
99 56.9 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.001 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

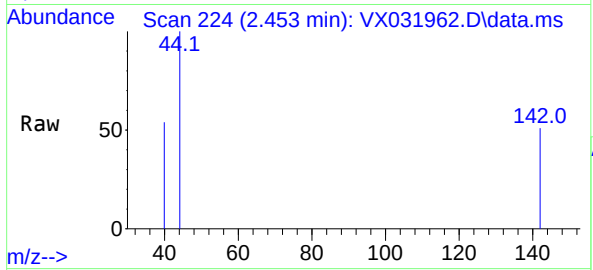
Tgt Ion: 94 Resp: 224
Ion Ratio Lower Upper
94 100
96 83.5 74.4 111.6



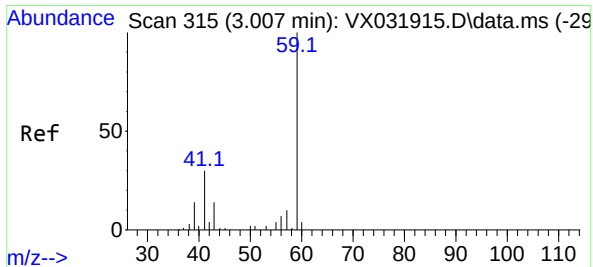
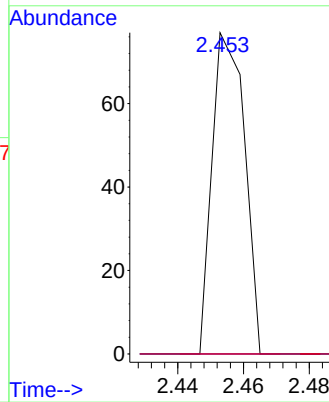
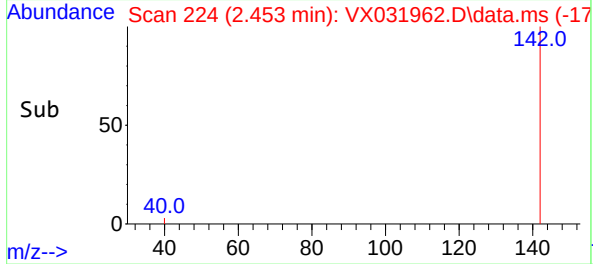


#10
Methyl Iodide
Concen: 2.807 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-184-204-100622

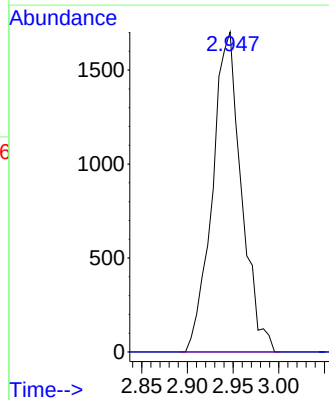
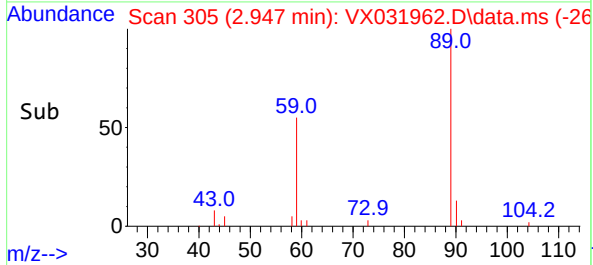
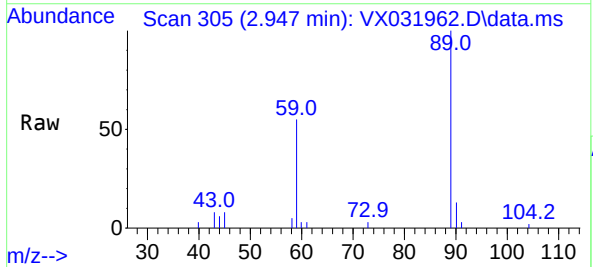


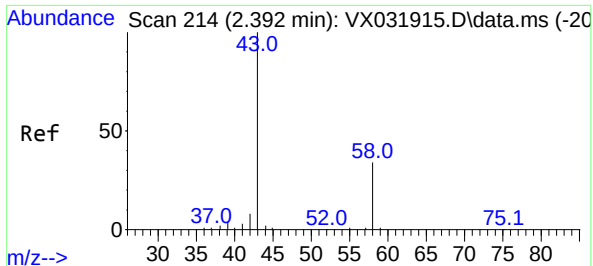
Tgt Ion:142 Resp: 53
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 25.734 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

Tgt Ion: 59 Resp: 3770
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

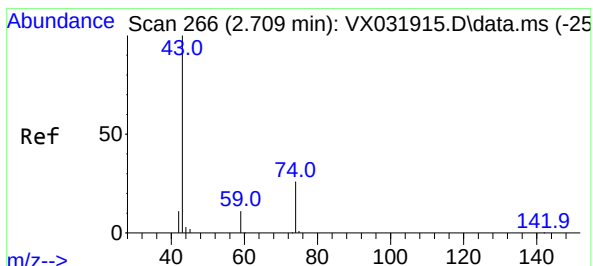
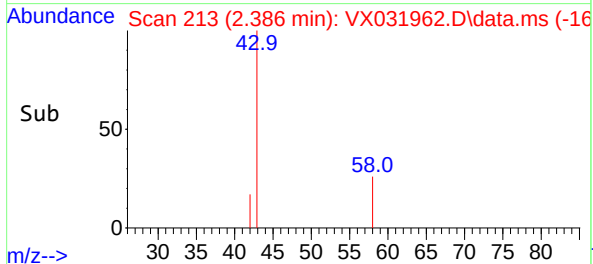
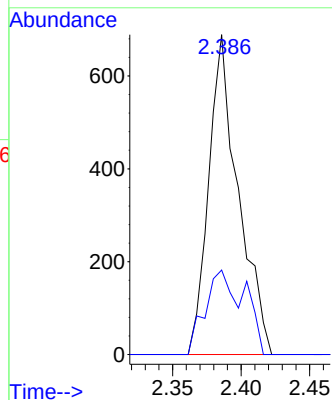
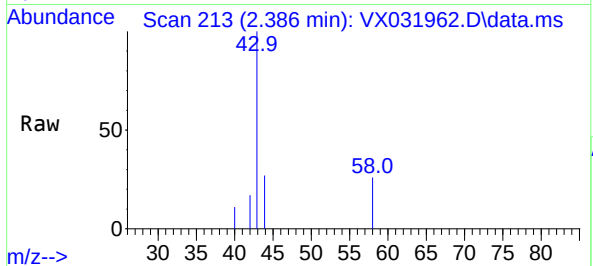




#16
Acetone
Concen: 2.586 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

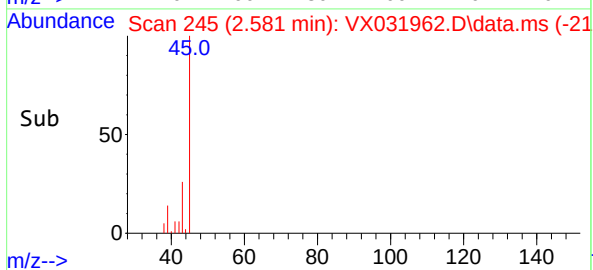
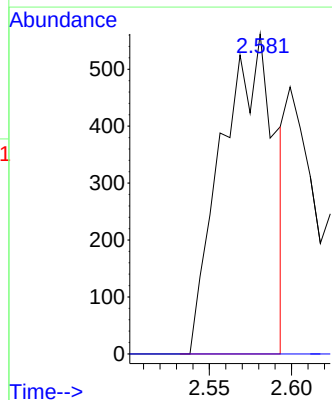
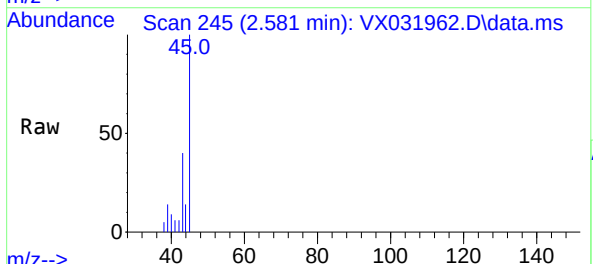
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-01-184-204-100622

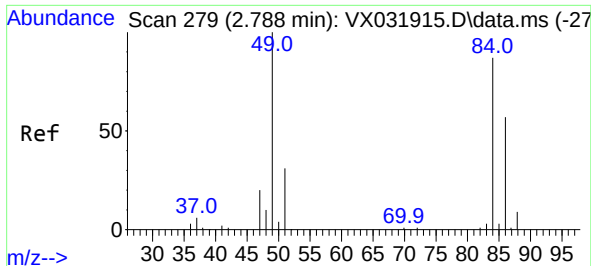
Tgt Ion: 43 Resp: 1035
Ion Ratio Lower Upper
43 100
58 26.4 23.8 35.8



#18
Methyl Acetate
Concen: 0.952 ug/l
RT: 2.581 min Scan# 245
Delta R.T. -0.128 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

Tgt Ion: 43 Resp: 1257
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#

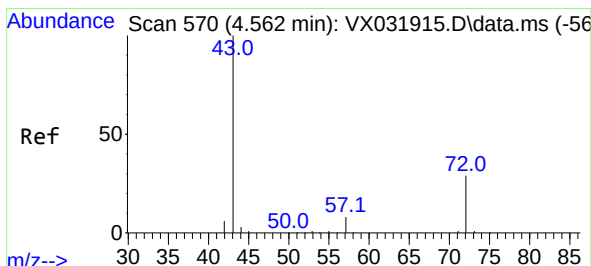
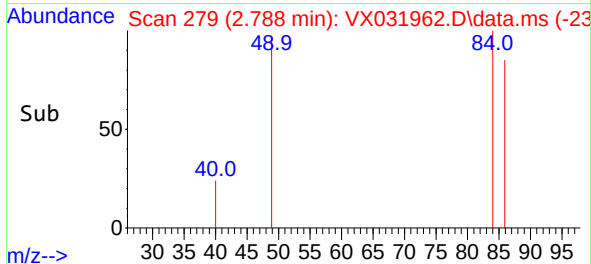
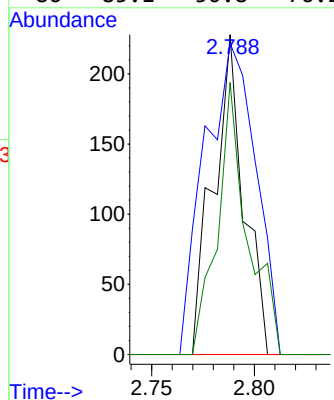
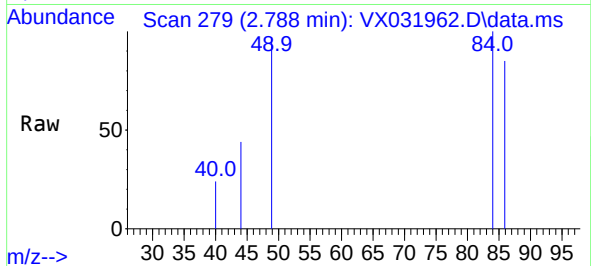




#20
Methylene Chloride
Concen: 0.224 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

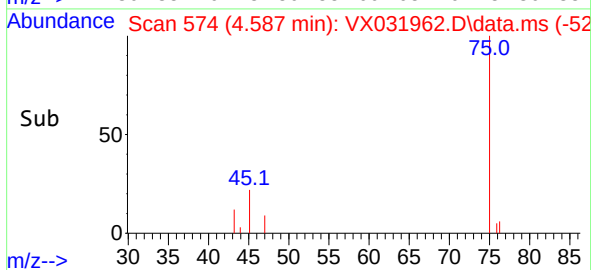
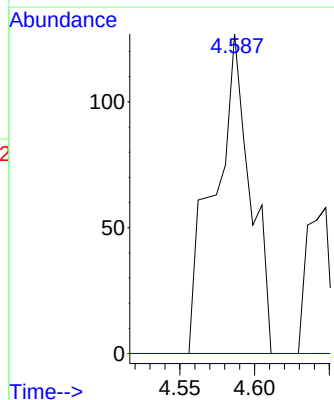
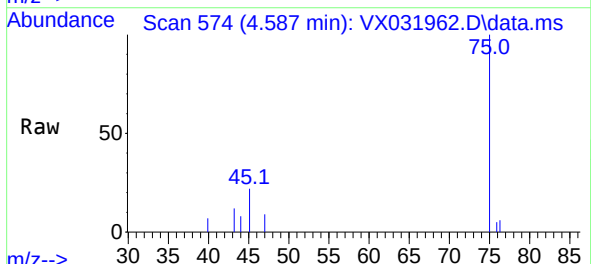
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-184-204-100622

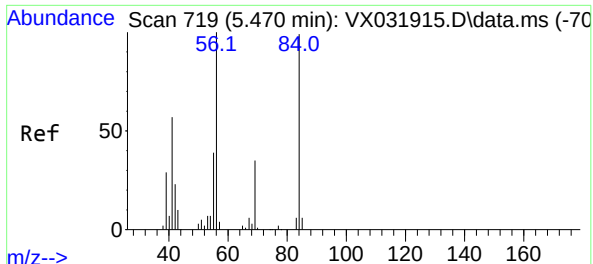
Tgt Ion:	84	Resp:	236
Ion	Ratio	Lower	Upper
84	100		
49	97.4	105.9	158.9#
51	0.0	32.2	48.2#
86	85.1	50.8	76.2#



#25
2-Butanone
Concen: 0.340 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.025 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

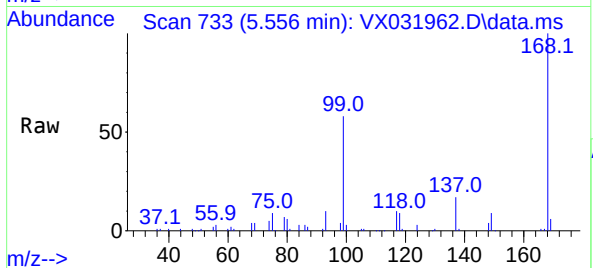
Tgt Ion:	43	Resp:	213
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.1	31.7#



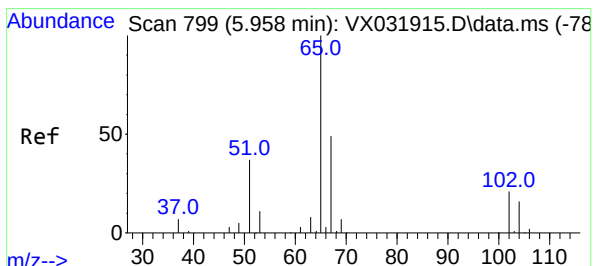
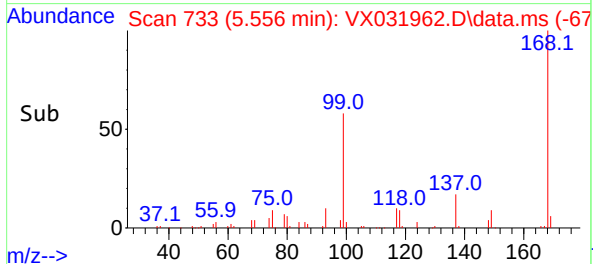
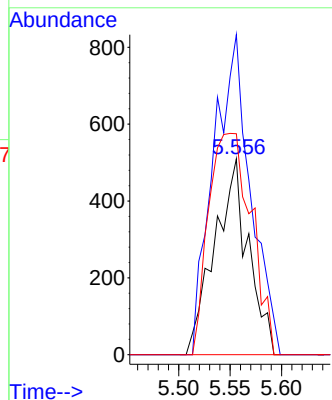


#31
Cyclohexane
Concen: 0.830 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-184-204-100622

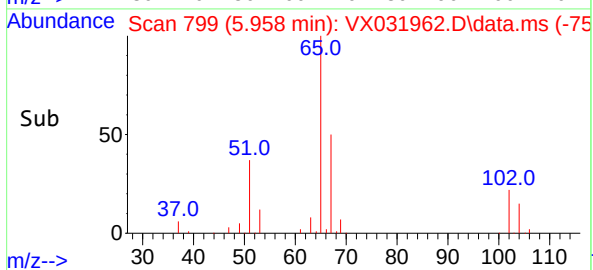
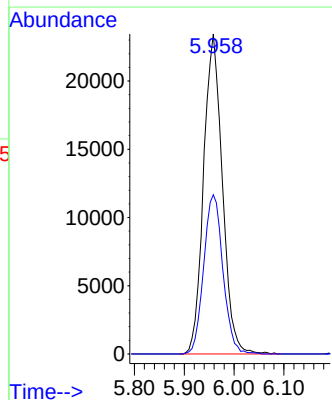
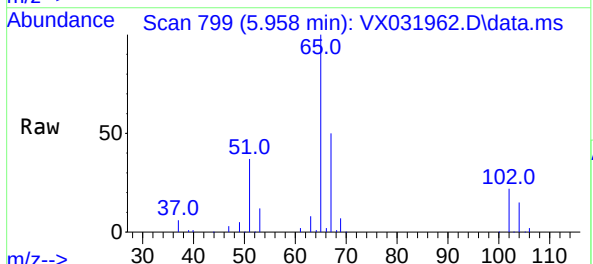


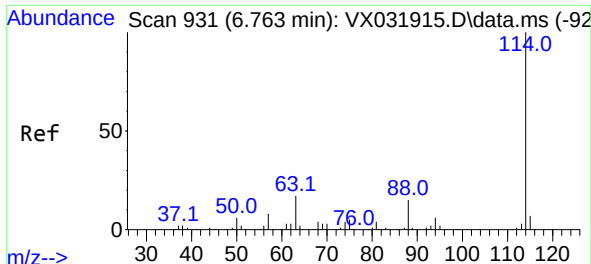
Tgt Ion: 56 Resp: 1167
Ion Ratio Lower Upper
56 100
69 163.3 25.1 37.7#
84 112.7 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 52.093 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

Tgt Ion: 65 Resp: 61338
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4

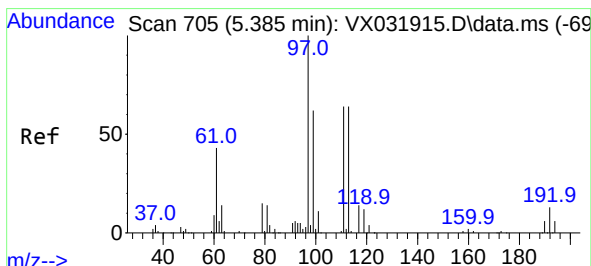
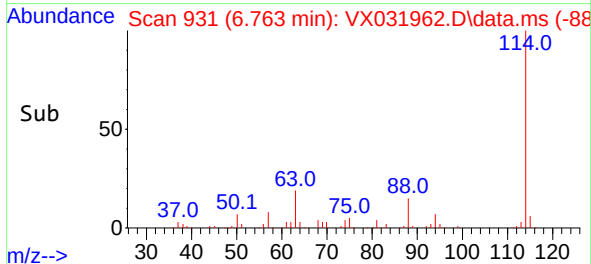
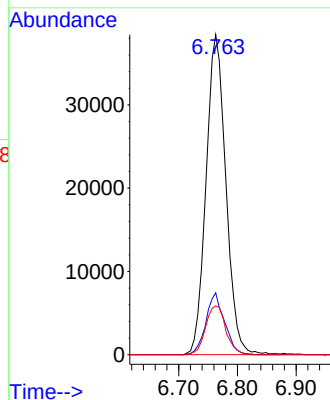
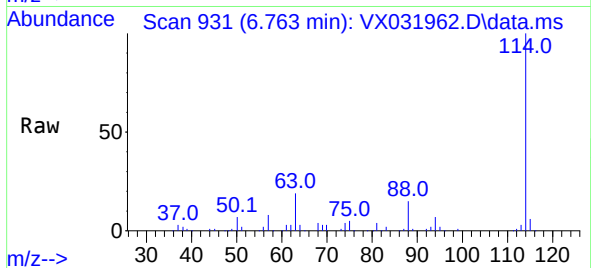




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

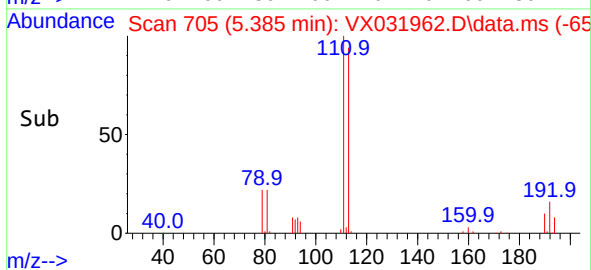
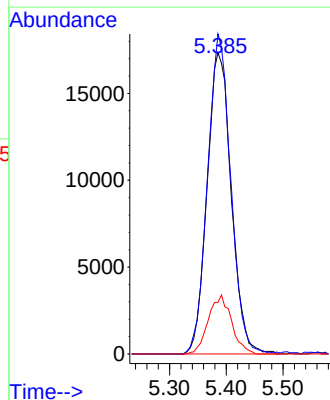
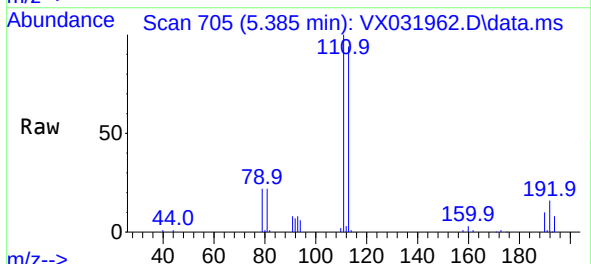
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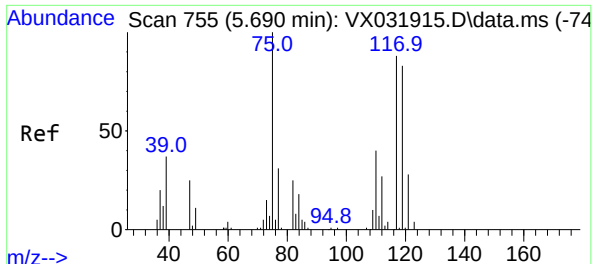
Tgt Ion:114 Resp: 90343
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.6
88 15.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.203 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

Tgt Ion:113 Resp: 51339
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 18.7 14.1 21.1

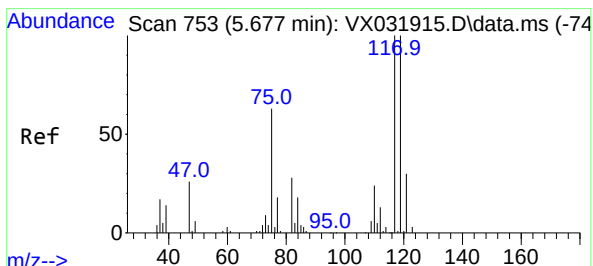
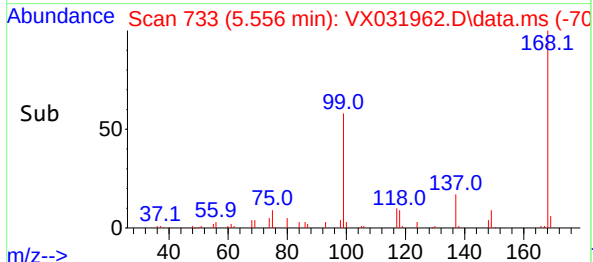
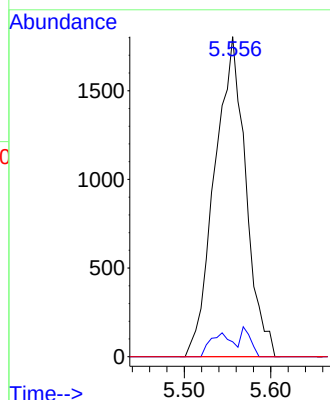
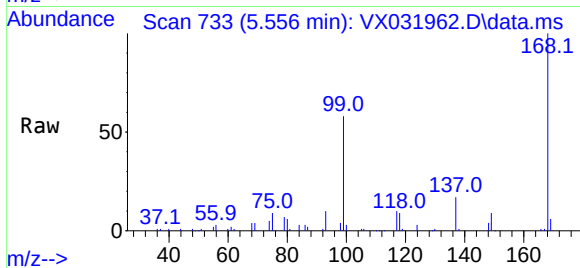




#36
1,1-Dichloropropene
Concen: 3.317 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

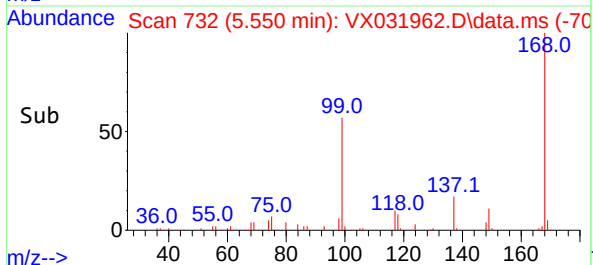
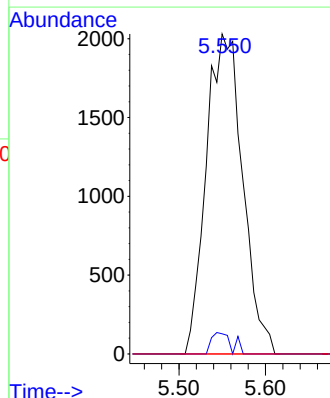
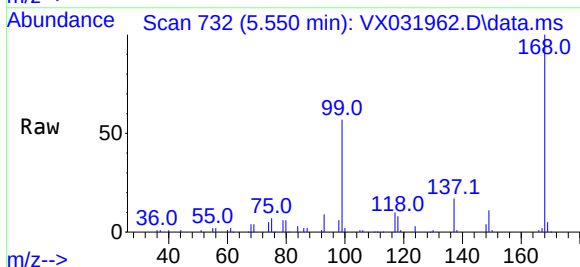
Instrument :
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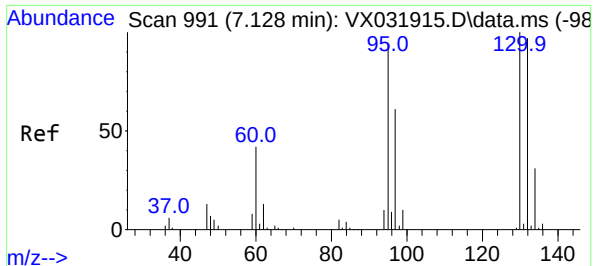
Tgt Ion: 75 Resp: 4498
Ion Ratio Lower Upper
75 100
110 5.3 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.272 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

Tgt Ion: 117 Resp: 5924
Ion Ratio Lower Upper
117 100
119 6.3 74.6 112.0#
121 0.0 25.3 37.9#

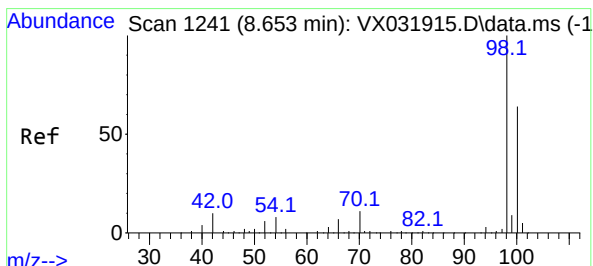
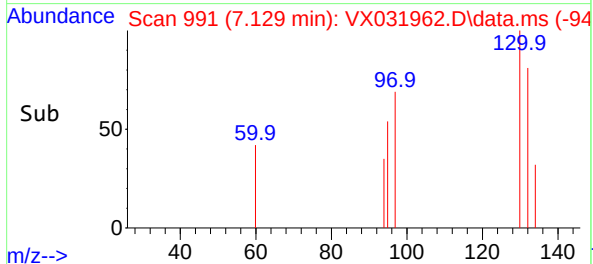
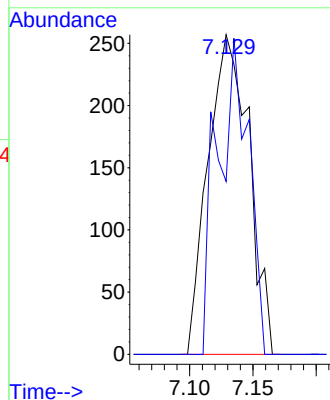
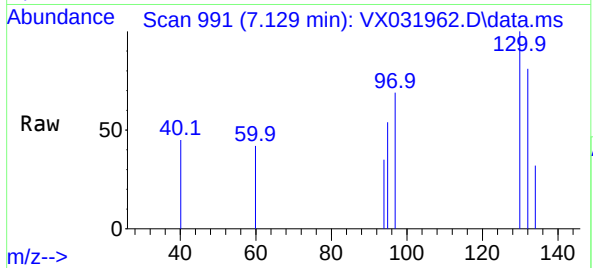




#44
Trichloroethene
Concen: 0.497 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

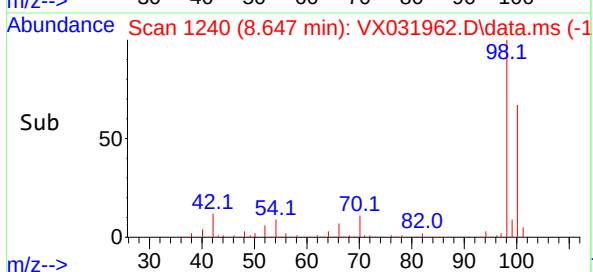
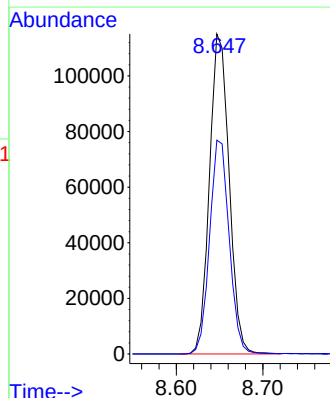
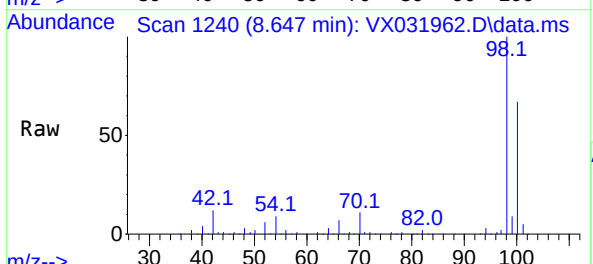
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-184-204-100622

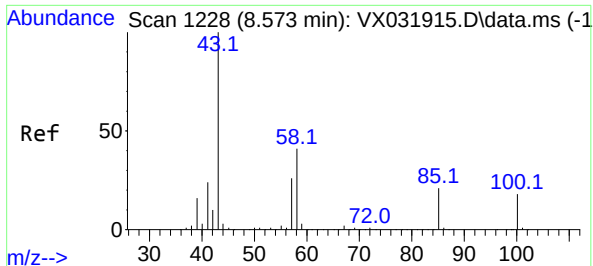
Tgt Ion:130 Resp: 579
Ion Ratio Lower Upper
130 100
95 54.1 0.0 206.8



#50
Toluene-d8
Concen: 49.331 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

Tgt Ion: 98 Resp: 181528
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.580 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX031962.D

Acq: 07 Oct 2022 15:11

Instrument :

MSVOA_X

ClientSampleId :

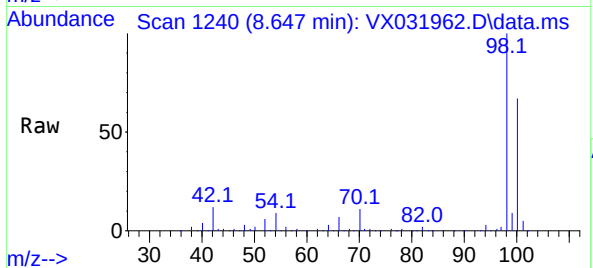
GWOW-BR-01-184-204-100622

Tgt Ion: 43 Resp: 744

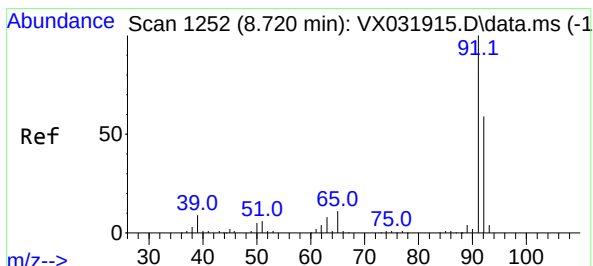
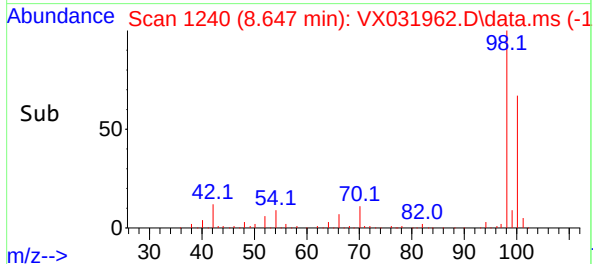
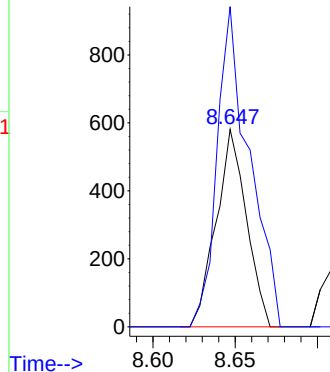
Ion Ratio Lower Upper

43 100

58 172.4 30.6 46.0#



Abundance



#52

Toluene

Concen: 11.265 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX031962.D

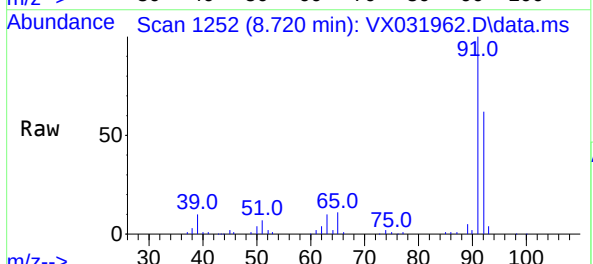
Acq: 07 Oct 2022 15:11

Tgt Ion: 92 Resp: 29248

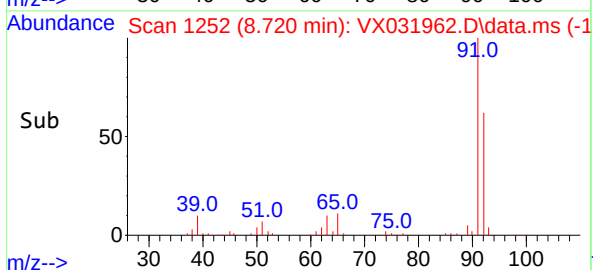
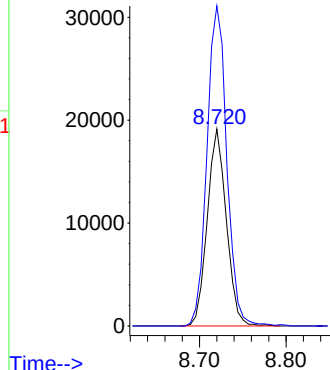
Ion Ratio Lower Upper

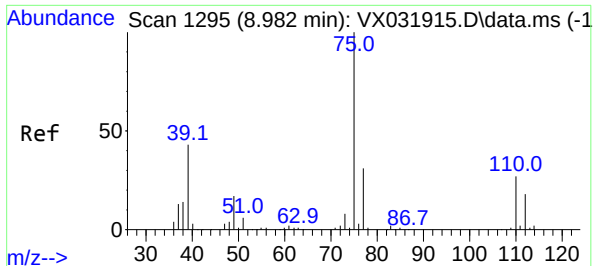
92 100

91 168.8 137.1 205.7



Abundance

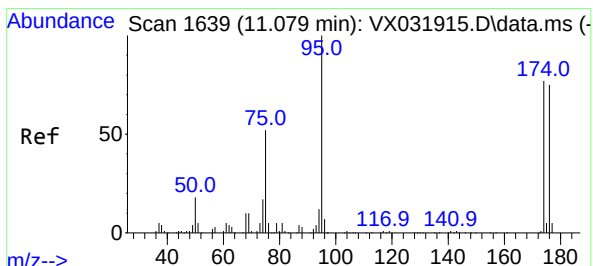
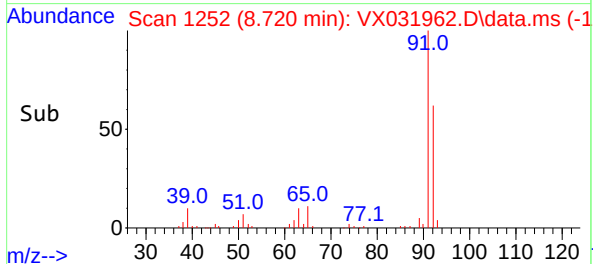
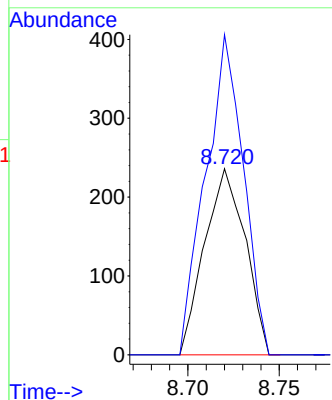
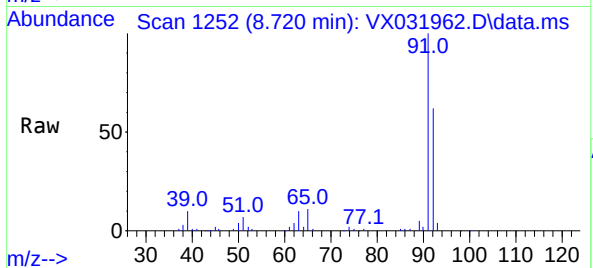




#53
t-1,3-Dichloropropene
Concen: 1.461 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.262 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

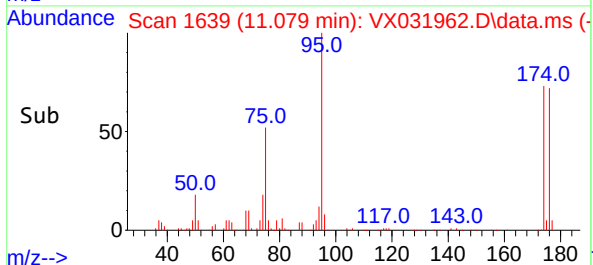
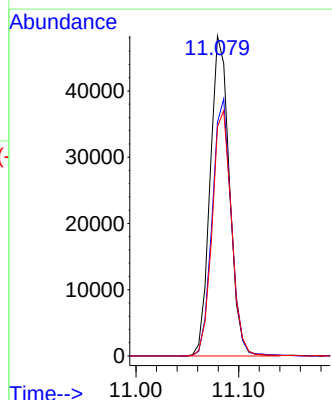
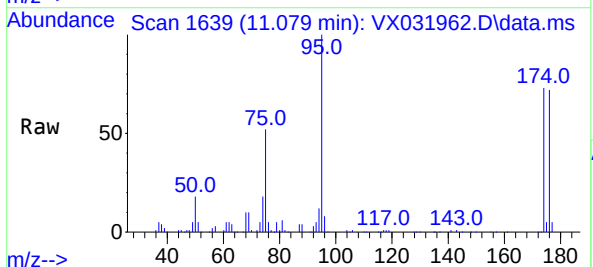
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-184-204-100622

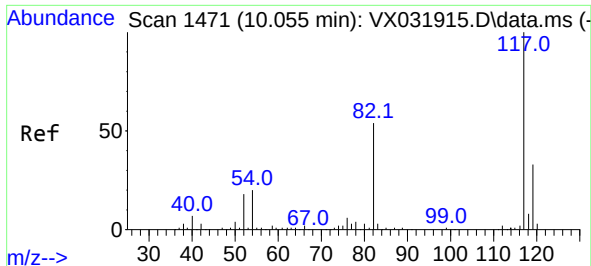
Tgt Ion: 75 Resp: 365
Ion Ratio Lower Upper
75 100
77 172.0 24.8 37.2#



#62
4-Bromofluorobenzene
Concen: 48.286 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

Tgt Ion: 95 Resp: 62815
Ion Ratio Lower Upper
95 100
174 79.1 0.0 153.2
176 76.7 0.0 144.0

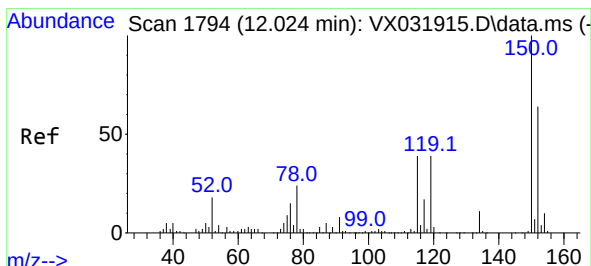
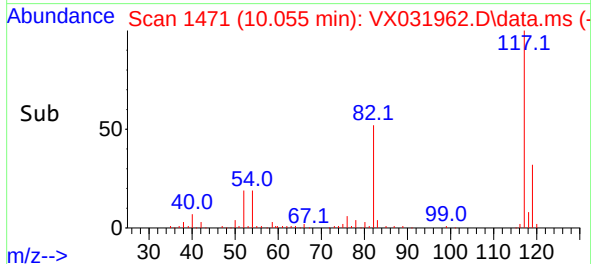
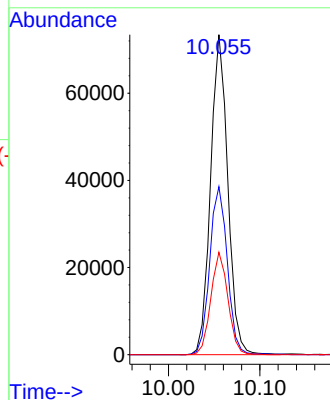
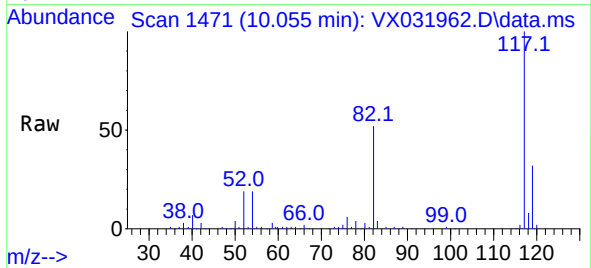




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

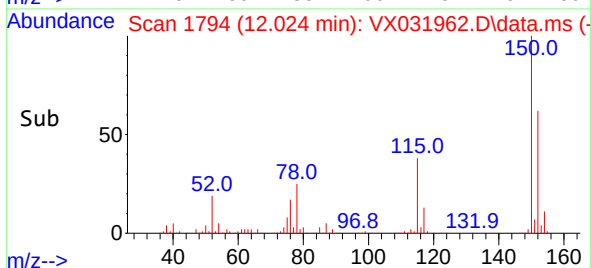
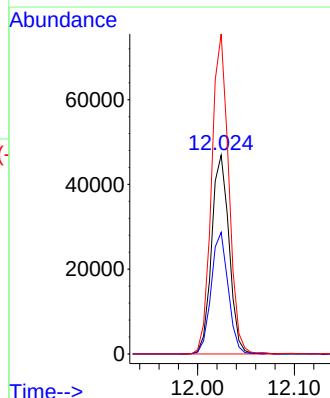
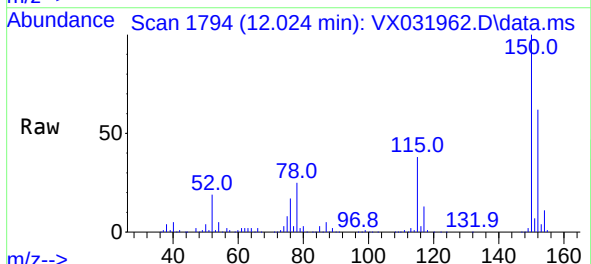
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-01-184-204-100622

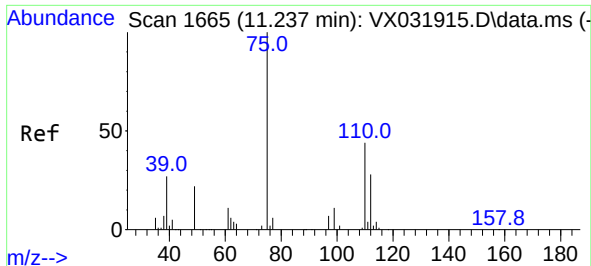
Tgt Ion:117	Resp:	95882
Ion	Ratio	Lower Upper
117	100	
82	52.5	46.8 70.2
119	32.0	26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

Tgt Ion:152	Resp:	58925
Ion	Ratio	Lower Upper
152	100	
115	59.7	43.4 130.1
150	158.0	0.0 346.8

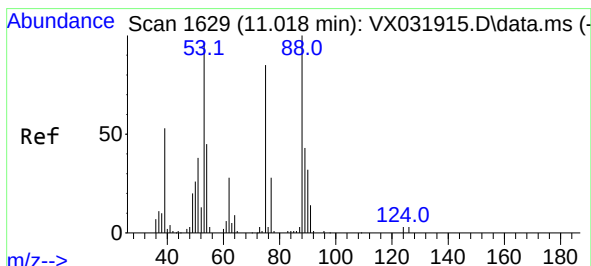
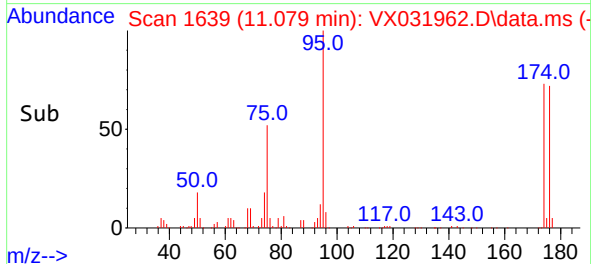
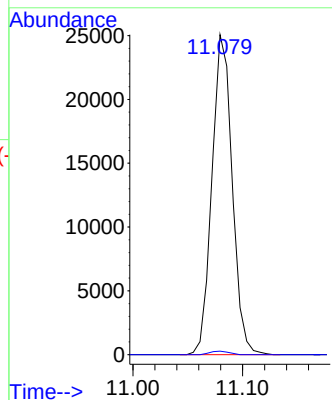
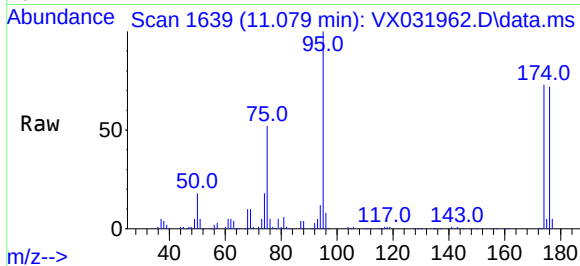




#76
1,2,3-Trichloropropane
Concen: 26.650 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

Instrument : MSVOA_X
ClientSampleId : GWOW-BR-01-184-204-100622

Tgt Ion: 75 Resp: 32184
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.363 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031962.D
Acq: 07 Oct 2022 15:11

Tgt Ion: 75 Resp: 32184
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

