

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031721.D
 Acq On : 28 Sep 2022 12:52
 Operator : JC/MD
 Sample : N4763-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-GW

Quant Time: Sep 29 04:30:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	121748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198789	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113039	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127015	49.155	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.300%
35) Dibromofluoromethane	5.385	113	105006	44.332	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.660%
50) Toluene-d8	8.647	98	398536	46.410	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.820%
62) 4-Bromofluorobenzene	11.079	95	133896	42.542	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.080%

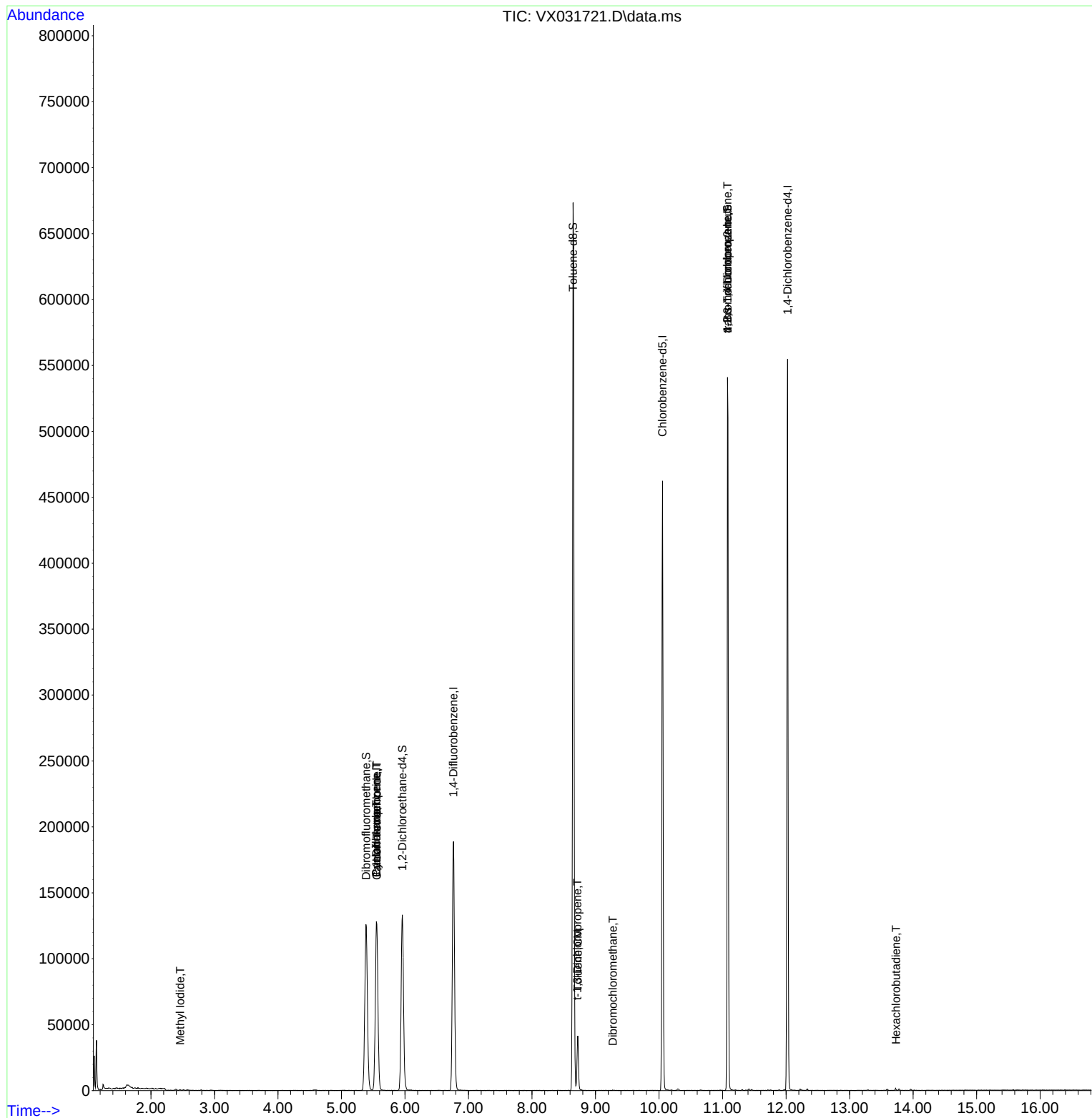
Target Compounds			Qvalue			
3) Chloromethane	1.288	50	120	Below Cal	#	71
5) Bromomethane	1.617	94	655	Below Cal		81
6) Chloroethane	1.477	64	42	Below Cal	#	43
10) Methyl Iodide	2.459	142	524	0.330 ug/l	#	85
11) Tert butyl alcohol	2.977	59	64	Below Cal	#	73
16) Acetone	2.398	43	1151	Below Cal	#	86
17) Carbon Disulfide	2.514	76	647	Below Cal	#	75
20) Methylene Chloride	2.794	84	225	Below Cal	#	53
31) Cyclohexane	5.550	56	2430	0.989 ug/l	#	1
36) 1,1-Dichloropropene	5.550	75	9976	3.667 ug/l	#	52
38) Carbon Tetrachloride	5.556	117	12941	4.221 ug/l	#	16
52) Toluene	8.720	92	15113	2.714 ug/l		94
53) t-1,3-Dichloropropene	8.714	75	202	1.942 ug/l	#	1
60) Dibromochloromethane	9.275	129	78	1.567 ug/l	#	11
76) 1,2,3-Trichloropropane	11.079	75	72568	35.412 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	11.079	75	72568	116.169 ug/l	#	11
94) Hexachlorobutadiene	13.731	225	315	0.383 ug/l		85

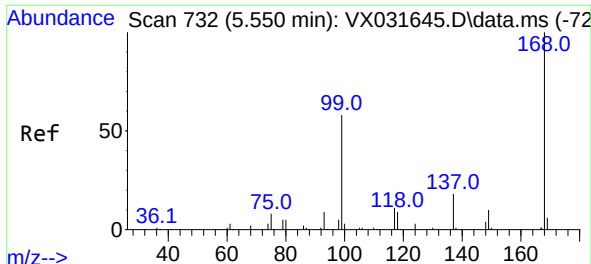
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 29 04:30:29 2022
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Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration

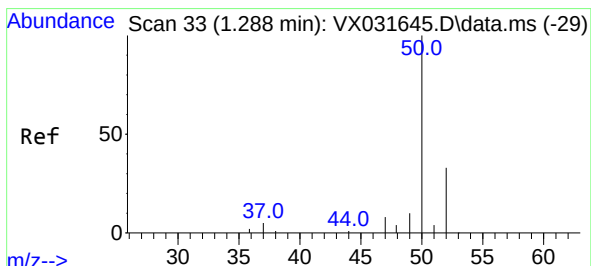
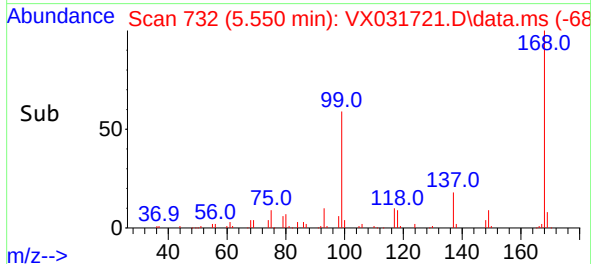
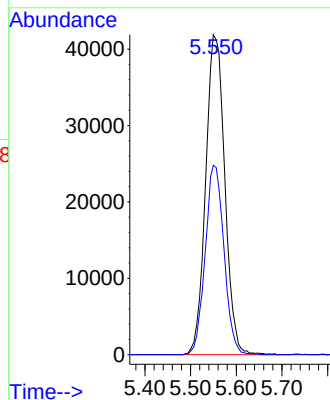
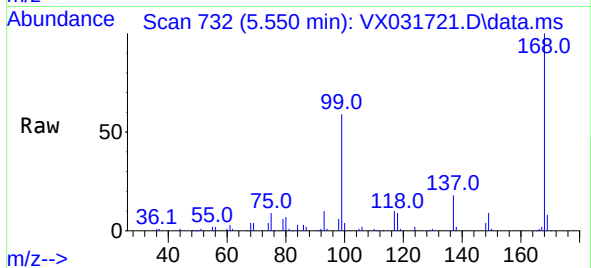




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

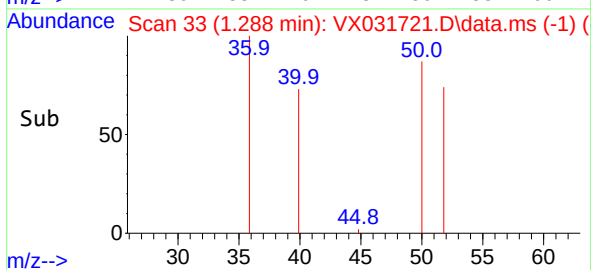
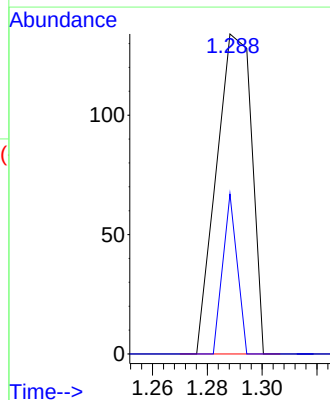
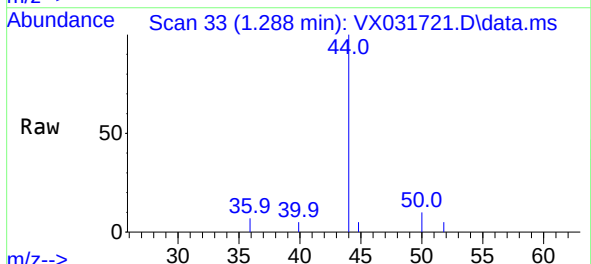
Instrument :
MSVOA_X
ClientSampleId :
WC-GW

Tgt Ion:168 Resp: 121748
Ion Ratio Lower Upper
168 100
99 59.2 48.8 73.2

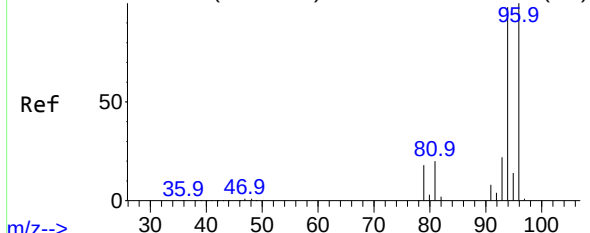


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

Tgt Ion: 50 Resp: 120
Ion Ratio Lower Upper
50 100
52 50.0 26.9 40.3#



Abundance Scan 86 (1.611 min): VX031645.D\data.ms (-81)



#5

Bromomethane

Concen: Below Cal

RT: 1.617 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX031721.D

Acq: 28 Sep 2022 12:52

Instrument :

MSVOA_X

ClientSampleId :

WC-GW

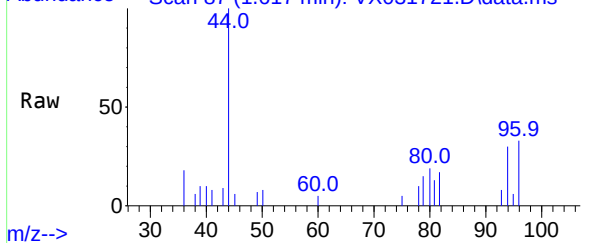
Tgt Ion: 94 Resp: 655

Ion Ratio Lower Upper

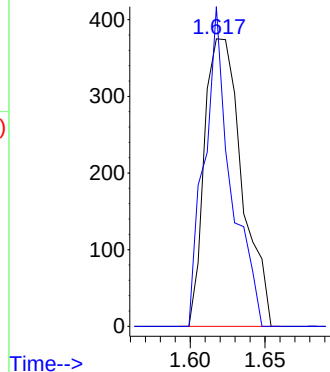
94 100

96 111.2 74.4 111.6

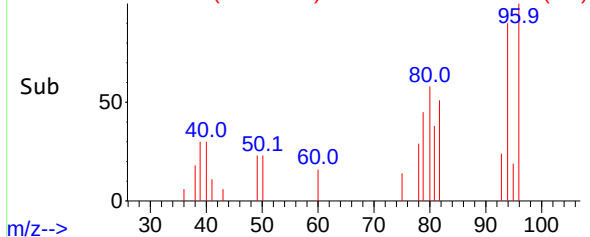
Abundance Scan 87 (1.617 min): VX031721.D\data.ms



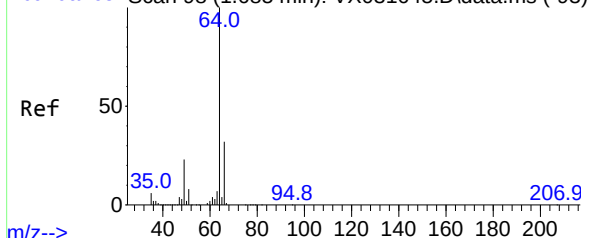
Abundance



Abundance Scan 87 (1.617 min): VX031721.D\data.ms (-37)



Abundance Scan 98 (1.685 min): VX031645.D\data.ms (-93)



#6

Chloroethane

Concen: Below Cal

RT: 1.477 min Scan# 64

Delta R.T. -0.208 min

Lab File: VX031721.D

Acq: 28 Sep 2022 12:52

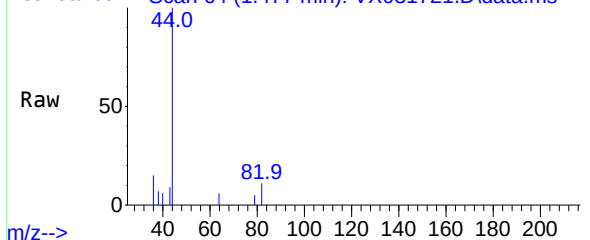
Tgt Ion: 64 Resp: 42

Ion Ratio Lower Upper

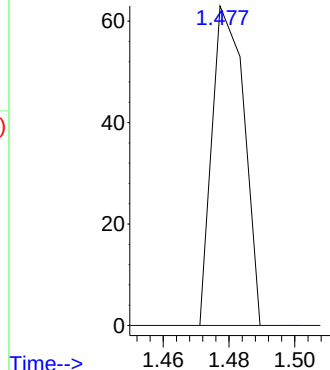
64 100

66 0.0 25.0 37.4#

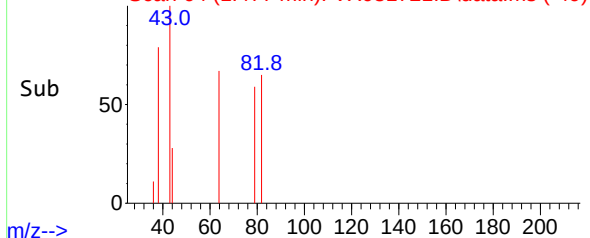
Abundance Scan 64 (1.477 min): VX031721.D\data.ms

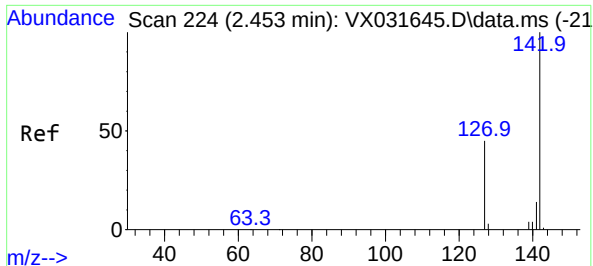


Abundance



Abundance Scan 64 (1.477 min): VX031721.D\data.ms (-49)

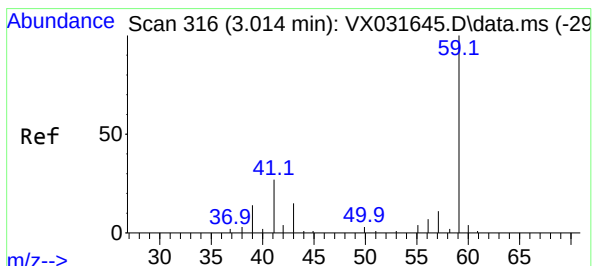
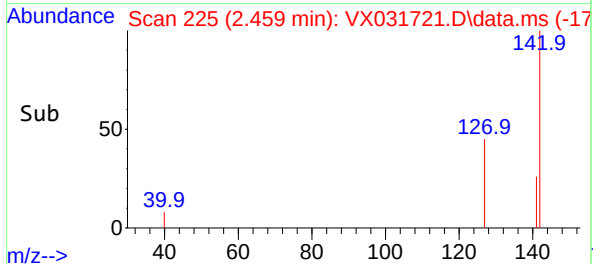
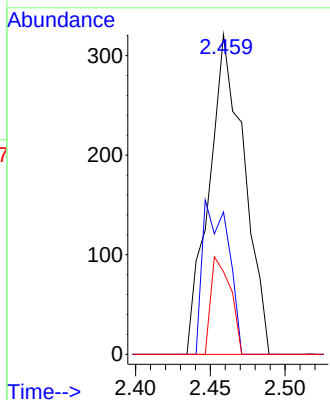
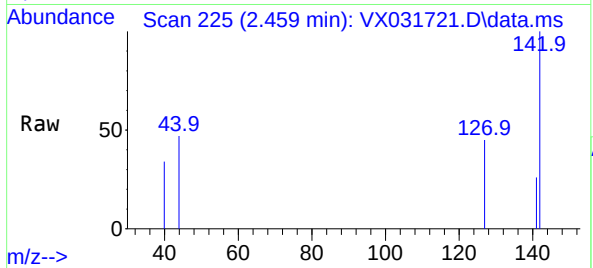




#10
Methyl Iodide
Concen: 0.330 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

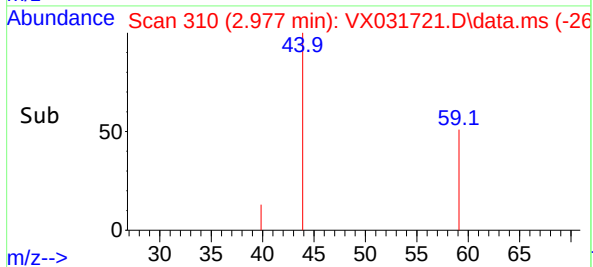
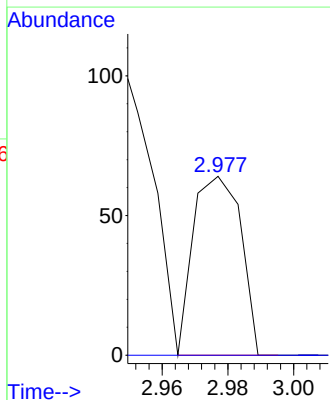
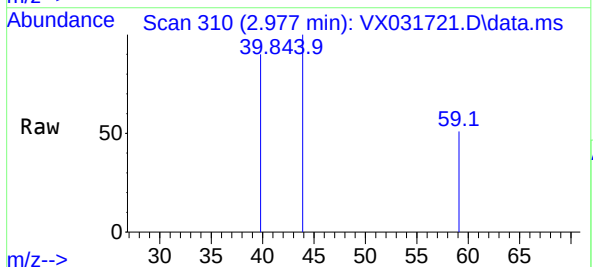
Instrument :
MSVOA_X
ClientSampleId :
WC-GW

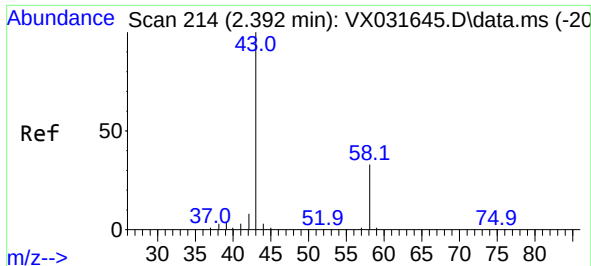
Tgt Ion:142 Resp: 524
Ion Ratio Lower Upper
142 100
127 35.1 37.4 56.0#
141 17.0 11.6 17.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

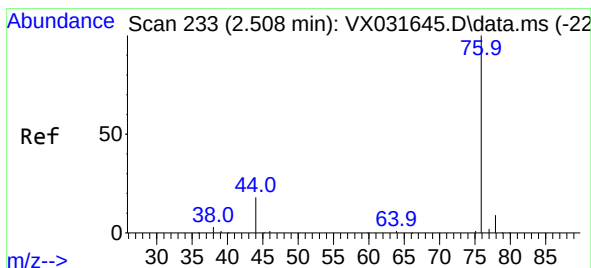
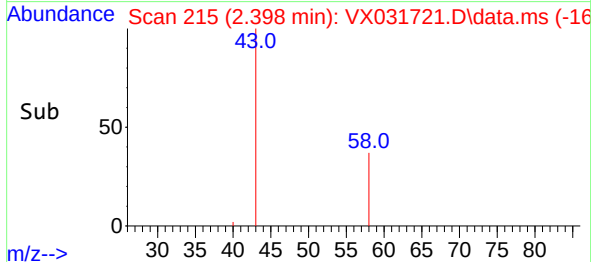
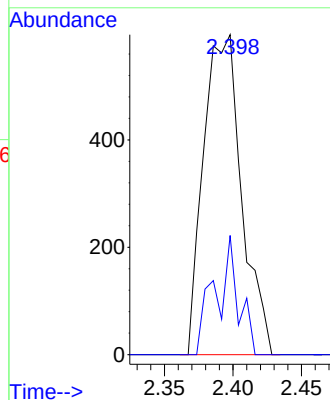
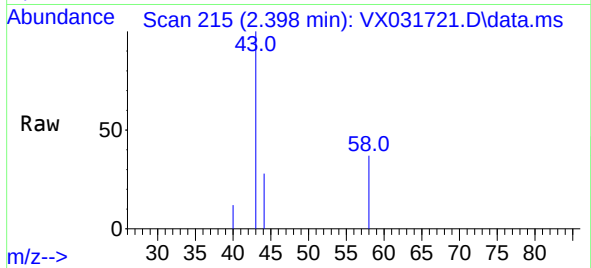




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

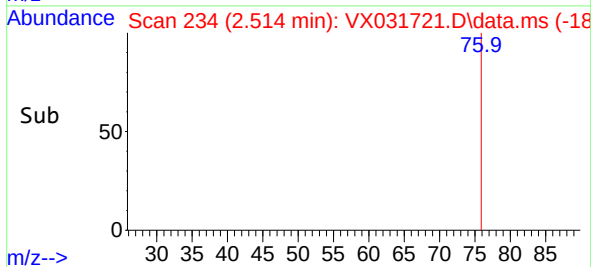
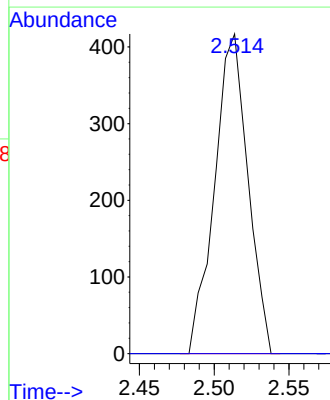
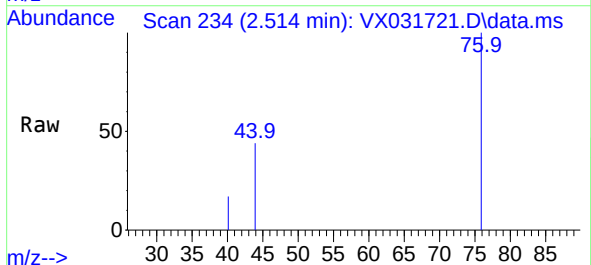
Instrument :
MSVOA_X
ClientSampleId :
WC-GW

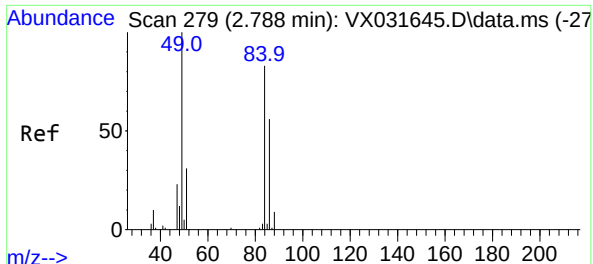
Tgt Ion: 43 Resp: 1151
Ion Ratio Lower Upper
43 100
58 37.2 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

Tgt Ion: 76 Resp: 647
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

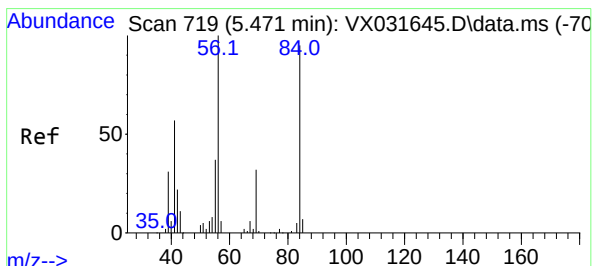
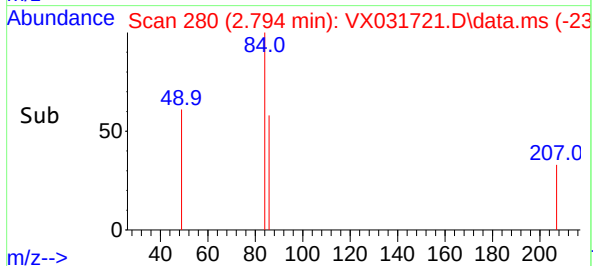
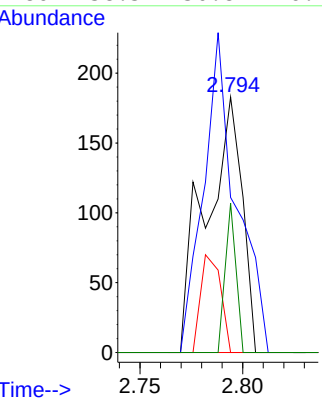
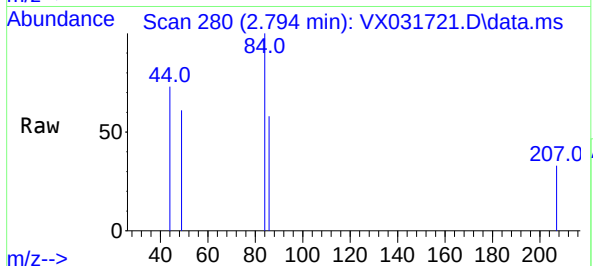




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

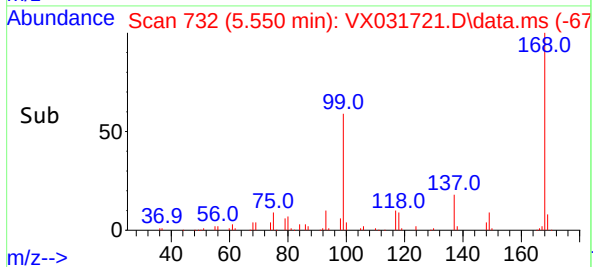
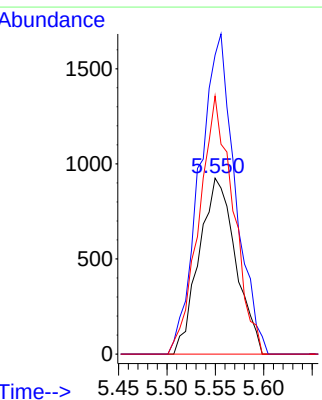
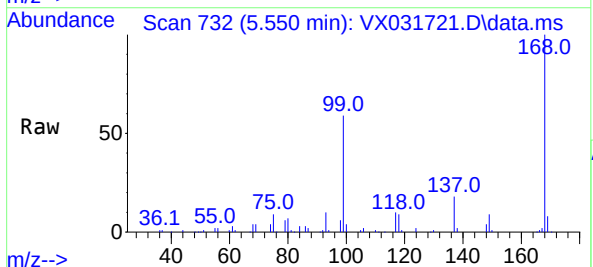
Instrument :
MSVOA_X
ClientSampleId :
WC-GW

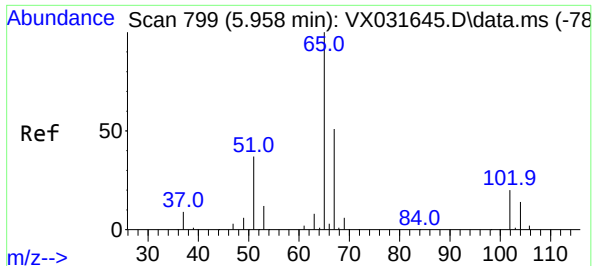
Tgt Ion: 84 Resp: 225
Ion Ratio Lower Upper
84 100
49 60.7 105.9 158.9#
51 0.0 32.2 48.2#
86 58.5 50.8 76.2



#31
Cyclohexane
Concen: 0.989 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

Tgt Ion: 56 Resp: 2430
Ion Ratio Lower Upper
56 100
69 169.9 25.1 37.7#
84 146.7 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 49.155 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031721.D

Acq: 28 Sep 2022 12:52

Instrument :

MSVOA_X

ClientSampleId :

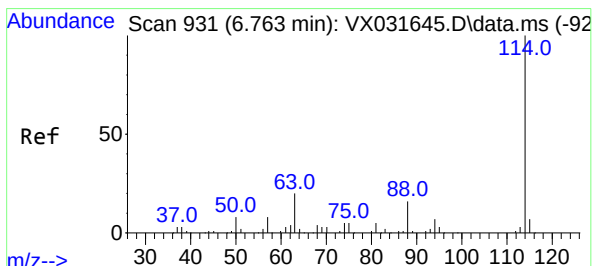
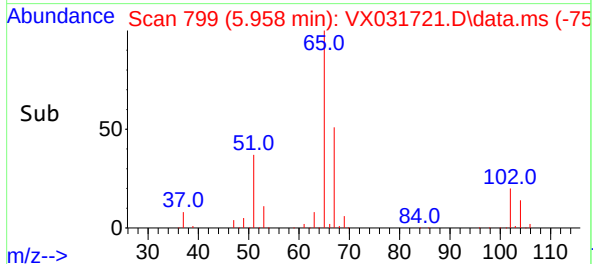
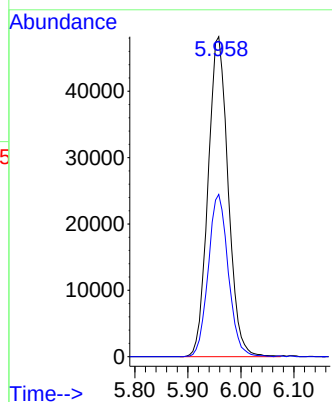
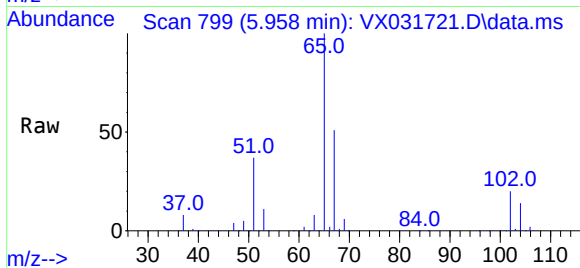
WC-GW

Tgt Ion: 65 Resp: 127015

Ion Ratio Lower Upper

65 100

67 50.5 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: VX031721.D

Acq: 28 Sep 2022 12:52

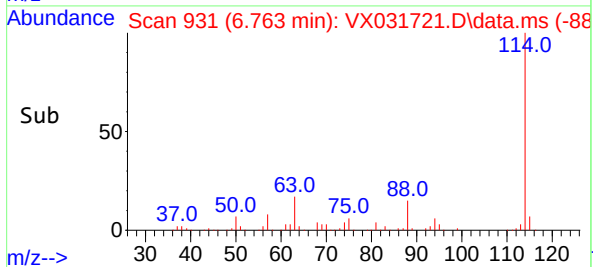
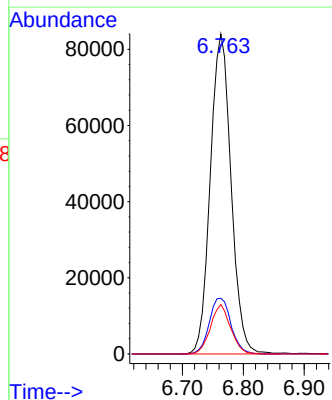
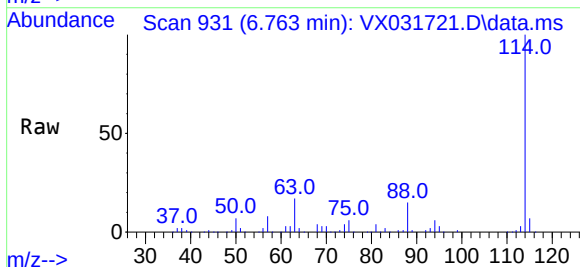
Tgt Ion: 114 Resp: 198789

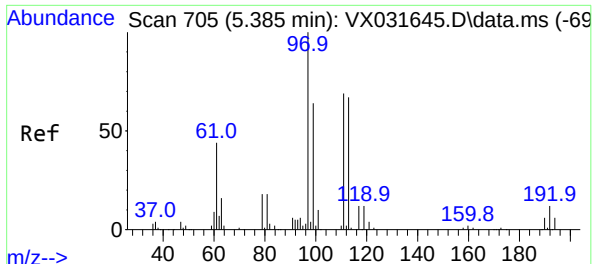
Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.6

88 15.4 0.0 33.0

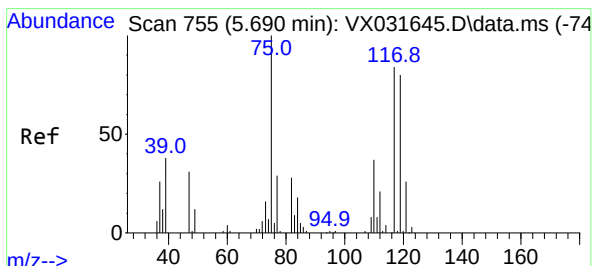
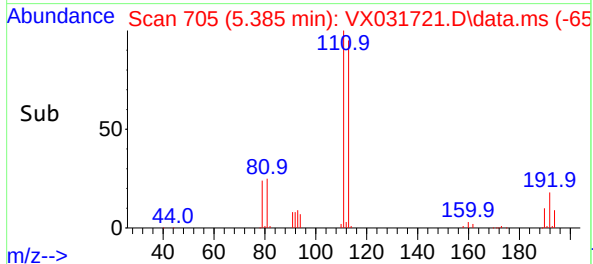
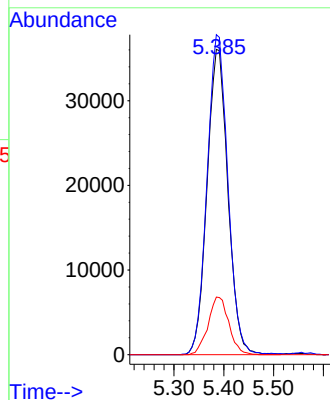
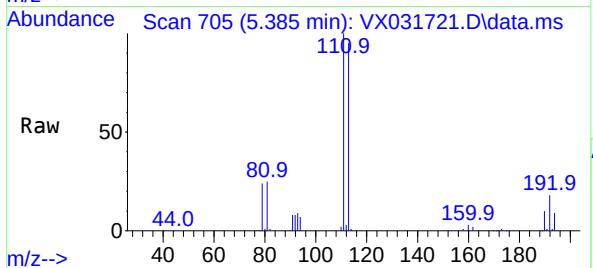




#35
Dibromofluoromethane
Concen: 44.332 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

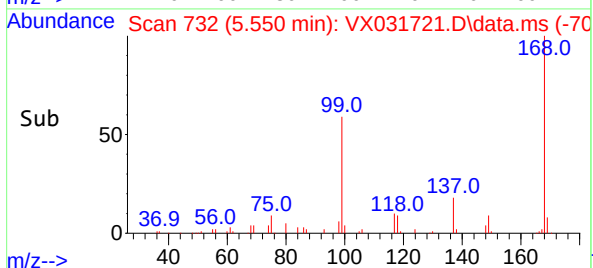
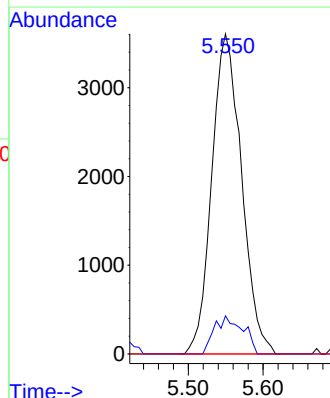
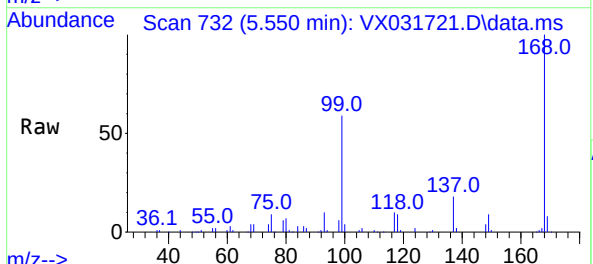
Instrument :
MSVOA_X
ClientSampleId :
WC-GW

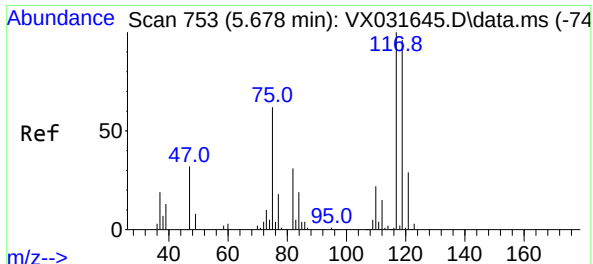
Tgt Ion:113 Resp: 105006
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 18.7 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.667 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

Tgt Ion: 75 Resp: 9976
Ion Ratio Lower Upper
75 100
110 11.4 17.5 52.5#
77 0.0 24.9 37.3#

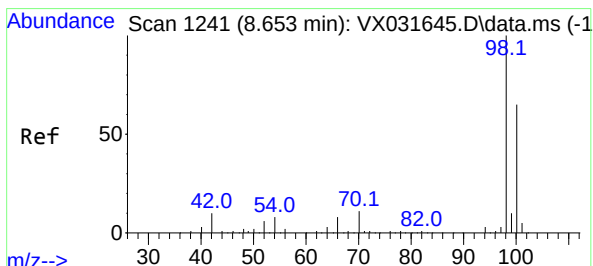
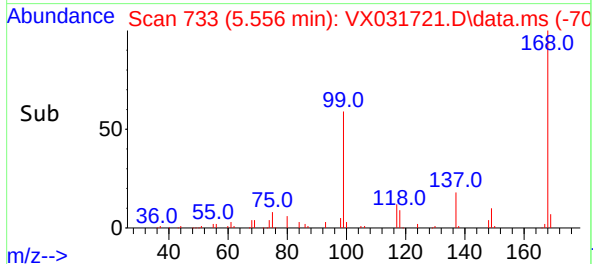
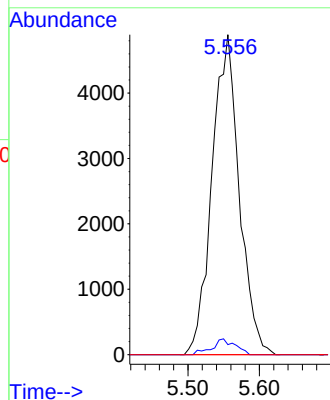
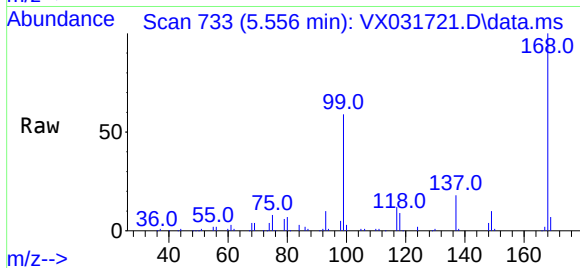




#38
Carbon Tetrachloride
Concen: 4.221 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

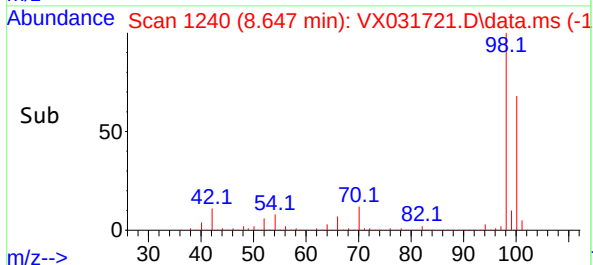
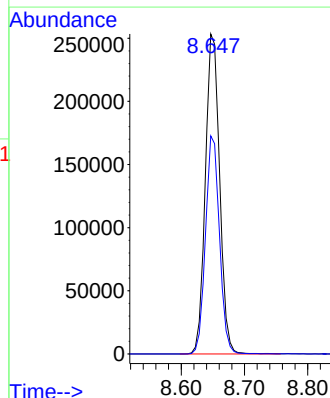
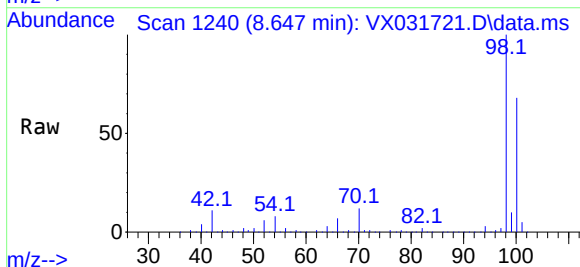
Instrument :
MSVOA_X
ClientSampleId :
WC-GW

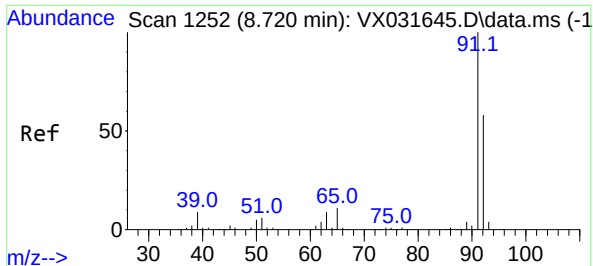
Tgt Ion:117 Resp: 12941
Ion Ratio Lower Upper
117 100
119 3.1 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 46.410 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

Tgt Ion: 98 Resp: 398536
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7

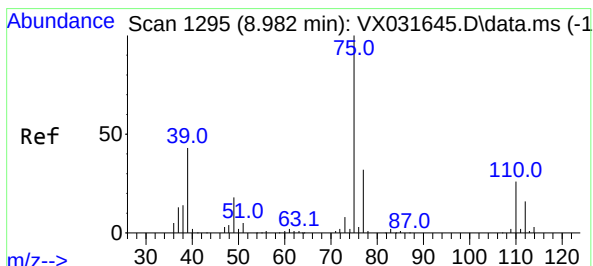
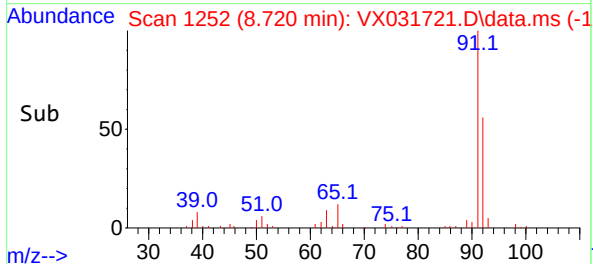
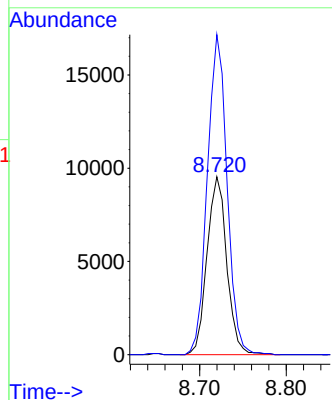
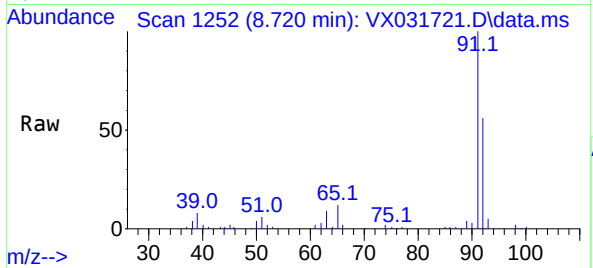




#52
Toluene
Concen: 2.714 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

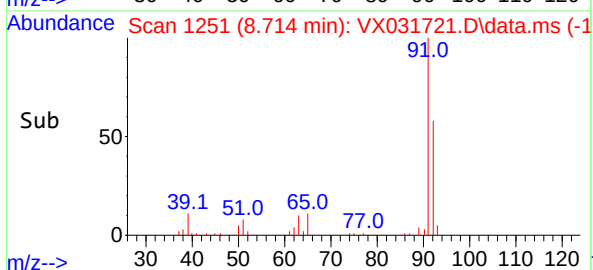
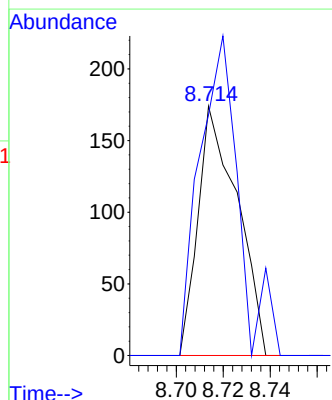
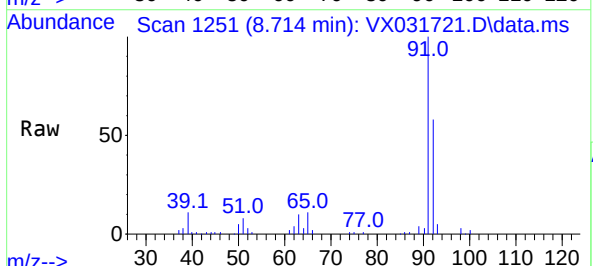
Instrument :
MSVOA_X
ClientSampleId :
WC-GW

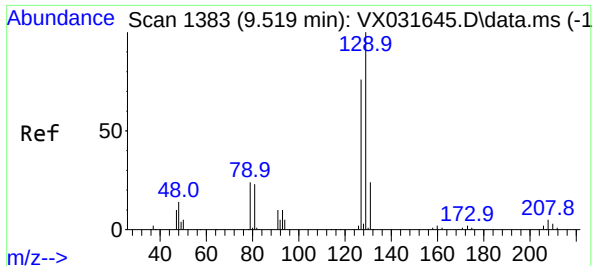
Tgt Ion: 92 Resp: 15113
Ion Ratio Lower Upper
92 100
91 179.5 137.1 205.7



#53
t-1,3-Dichloropropene
Concen: 1.942 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.268 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

Tgt Ion: 75 Resp: 202
Ion Ratio Lower Upper
75 100
77 96.6 24.8 37.2#

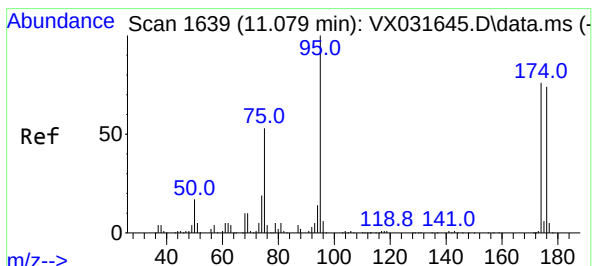
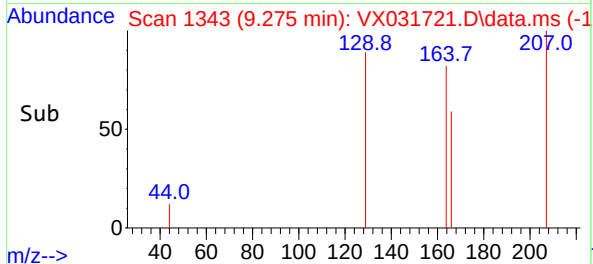
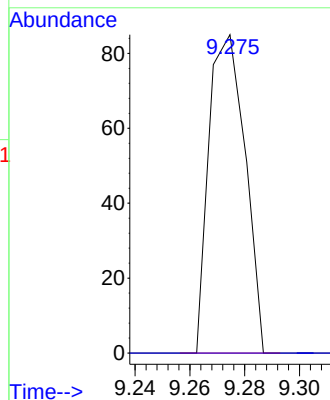
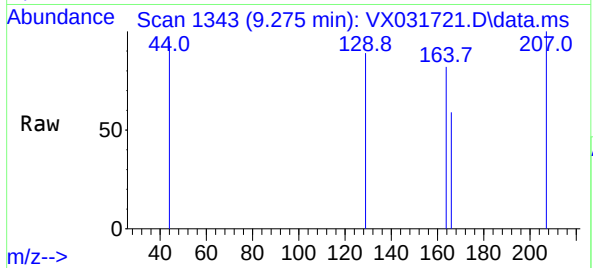




#60
Dibromochloromethane
Concen: 1.567 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

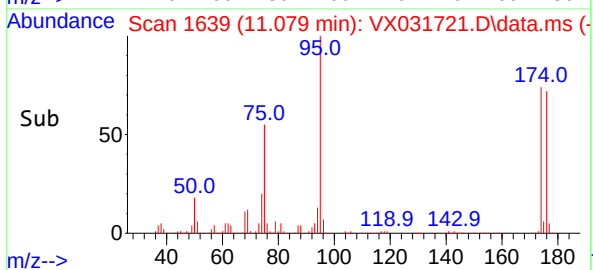
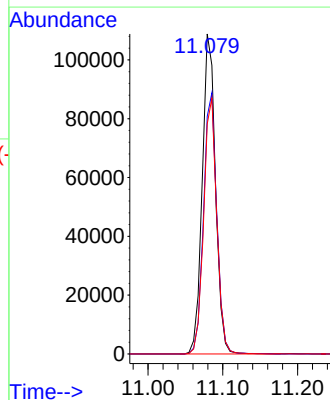
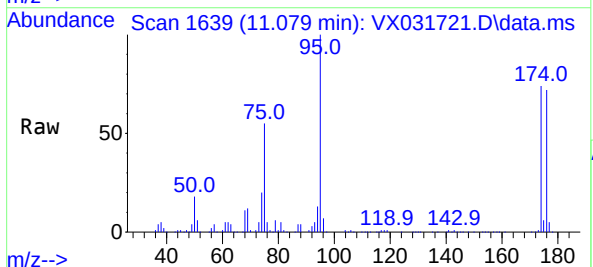
Instrument :
MSVOA_X
ClientSampleId :
WC-GW

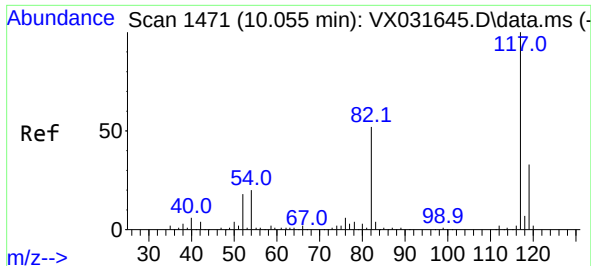
Tgt Ion:129 Resp: 78
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 42.542 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

Tgt Ion: 95 Resp: 133896
Ion Ratio Lower Upper
95 100
174 81.5 0.0 153.2
176 79.1 0.0 144.0

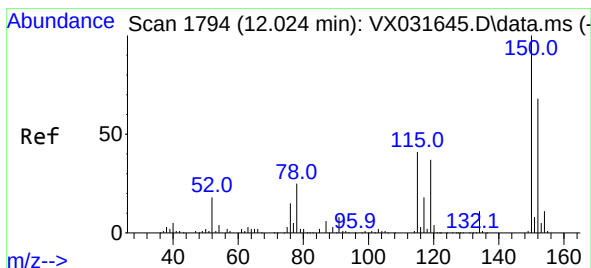
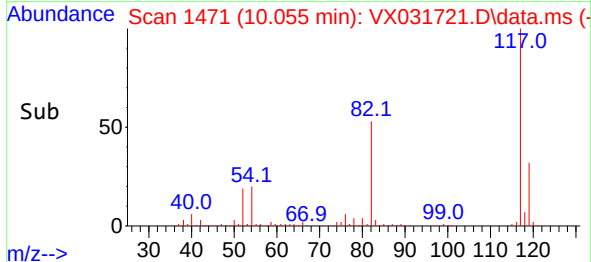
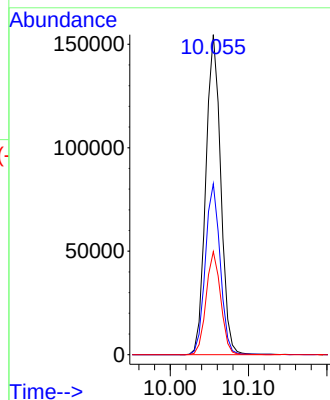
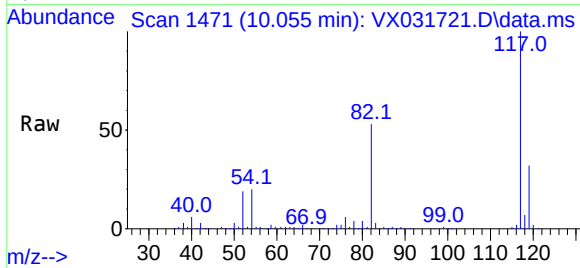




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

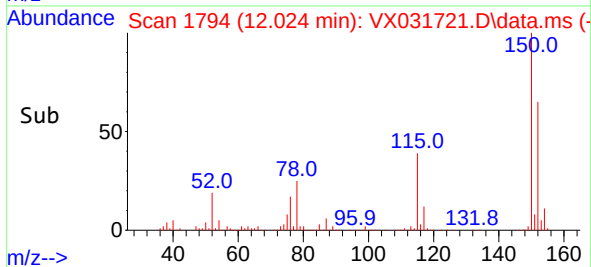
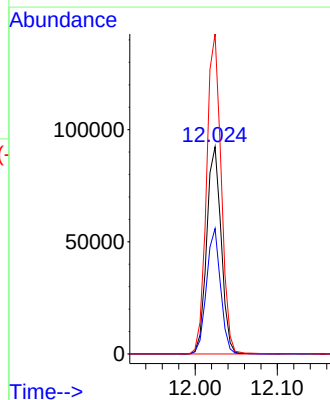
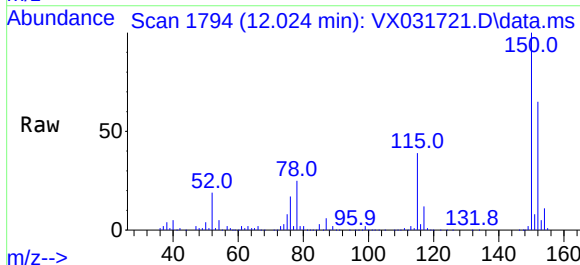
Instrument :
MSVOA_X
ClientSampleId :
WC-GW

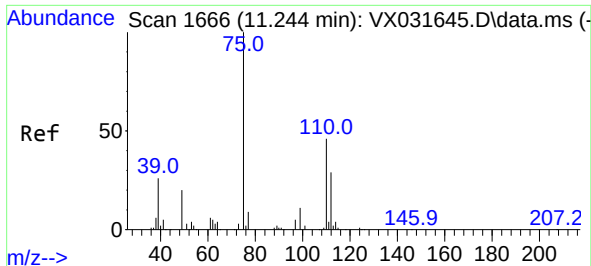
Tgt Ion:117 Resp: 203996
Ion Ratio Lower Upper
117 100
82 53.4 46.8 70.2
119 32.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

Tgt Ion:152 Resp: 113039
Ion Ratio Lower Upper
152 100
115 58.8 43.4 130.1
150 156.1 0.0 346.8

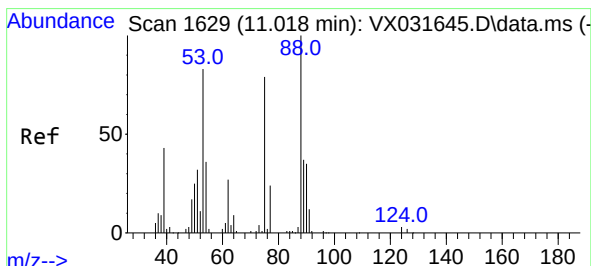
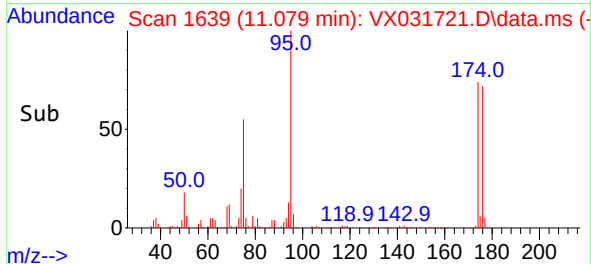
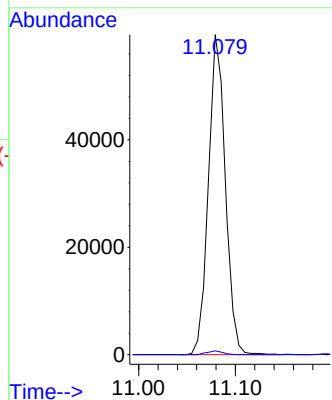
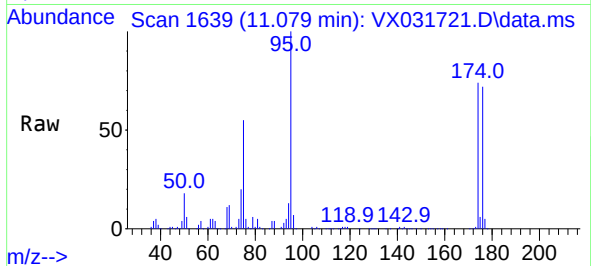




#76
1,2,3-Trichloropropane
Concen: 35.412 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

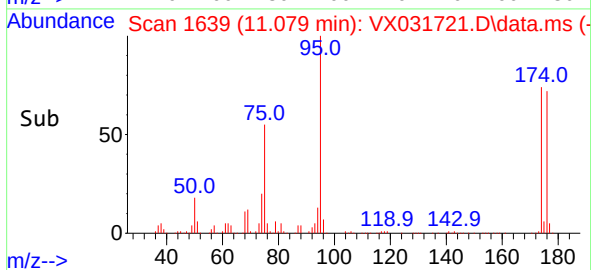
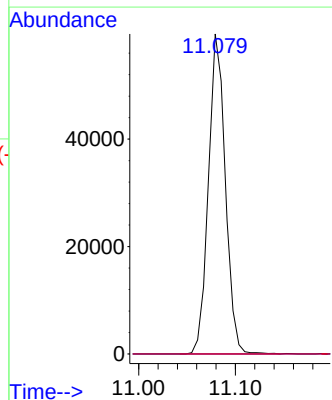
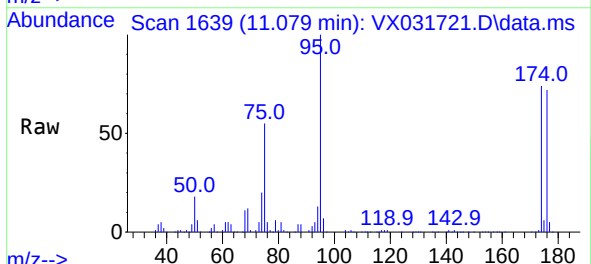
Instrument :
MSVOA_X
ClientSampleId :
WC-GW

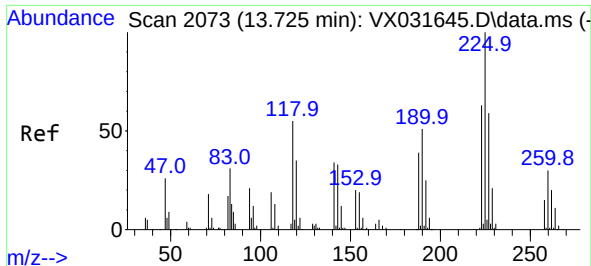
Tgt Ion: 75 Resp: 72568
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.169 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

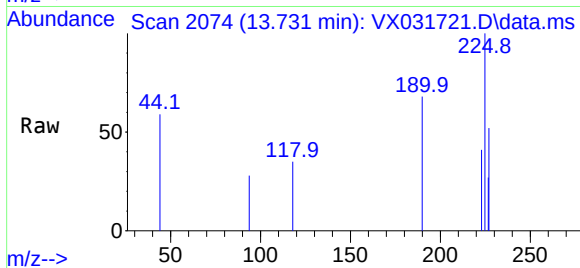
Tgt Ion: 75 Resp: 72568
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#





#94
Hexachlorobutadiene
Concen: 0.383 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX031721.D
Acq: 28 Sep 2022 12:52

Instrument :
MSVOA_X
ClientSampleId :
WC-GW



Tgt Ion:	225	Resp:	315
Ion	Ratio	Lower	Upper
225	100		
223	48.6	30.8	92.4
227	74.9	32.3	96.9

