

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032121.D
 Acq On : 13 Oct 2022 19:40
 Operator : JC/MD
 Sample : N5116-04 5000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SWRN-4

Quant Time: Oct 14 07:53:58 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)

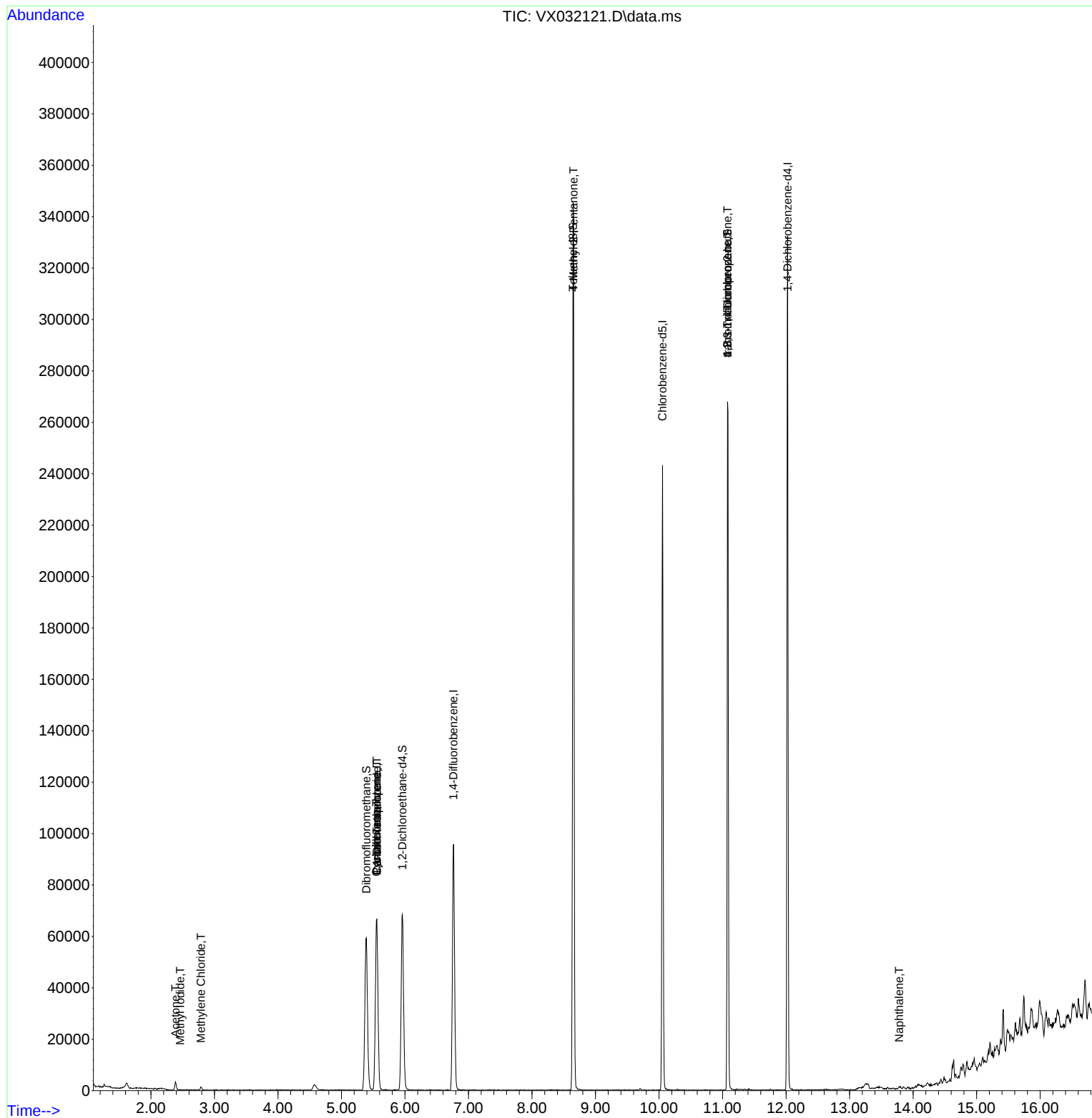
Internal Standards						
1) Pentafluorobenzene	5.556	168	60876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	96501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64089	50.977	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.960%			
35) Dibromofluoromethane	5.391	113	51361	47.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.040%			
50) Toluene-d8	8.647	98	207062	52.679	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.360%			
62) 4-Bromofluorobenzene	11.079	95	69749	50.194	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.380%			
Target Compounds						
5) Bromomethane	1.624	94	277	Below Cal	Qvalue 89	
10) Methyl Iodide	2.459	142	88	2.836 ug/l #	38	
16) Acetone	2.386	43	3505	8.203 ug/l	94	
20) Methylene Chloride	2.788	84	542	0.483 ug/l #	54	
31) Cyclohexane	5.550	56	1512	1.007 ug/l #	30	
36) 1,1-Dichloropropene	5.556	75	5090	3.514 ug/l #	50	
38) Carbon Tetrachloride	5.556	117	6848	4.624 ug/l #	17	
51) 4-Methyl-2-Pentanone	8.653	43	919	0.670 ug/l #	1	
76) 1,2,3-Trichloropropane	11.079	75	37135	26.938 ug/l #	37	
81) trans-1,4-Dichloro-2-b...	11.079	75	37135	92.313 ug/l #	11	
95) Naphthalene	13.780	128	998	0.203 ug/l #	85	

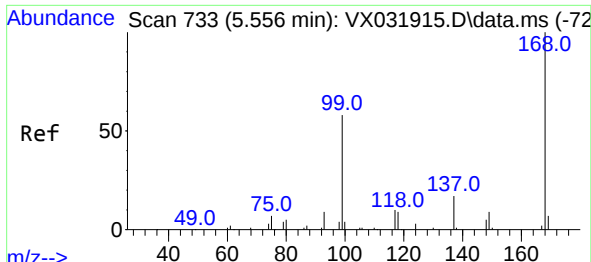
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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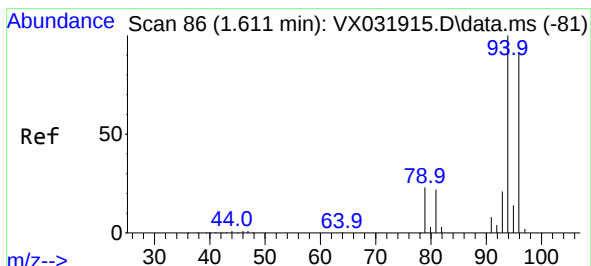
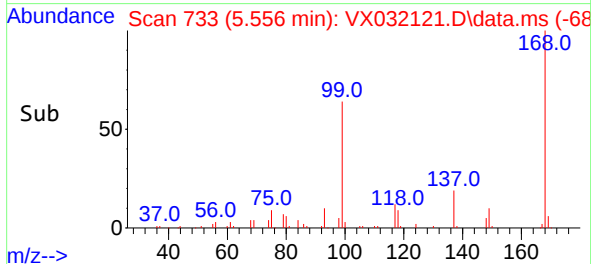
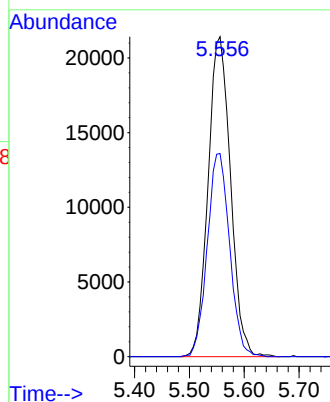
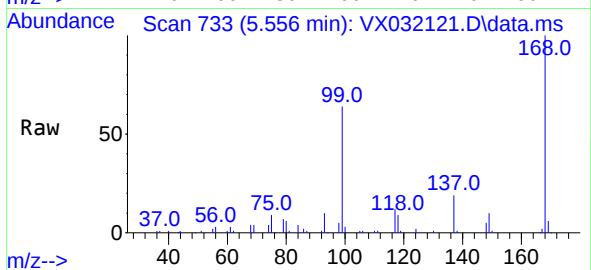




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032121.D
Acq: 13 Oct 2022 19:40

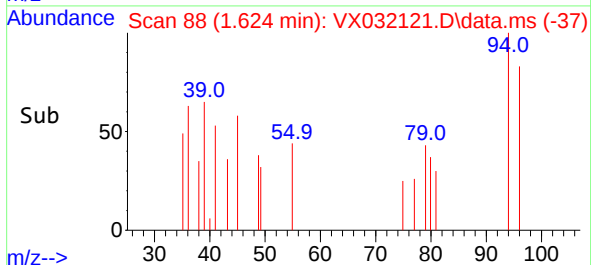
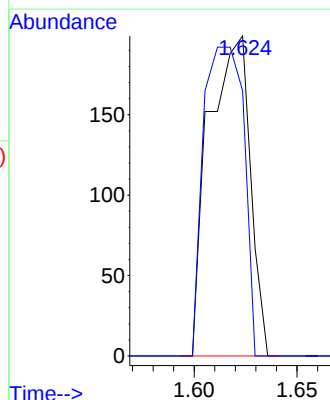
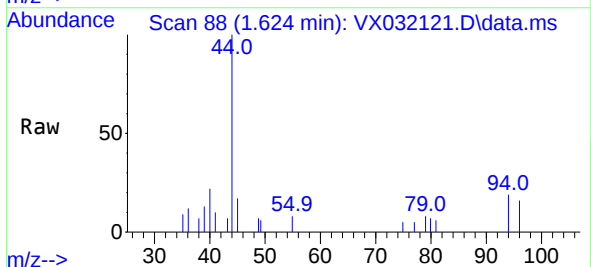
Instrument :
MSVOA_X
ClientSampleId :
SWRN-4

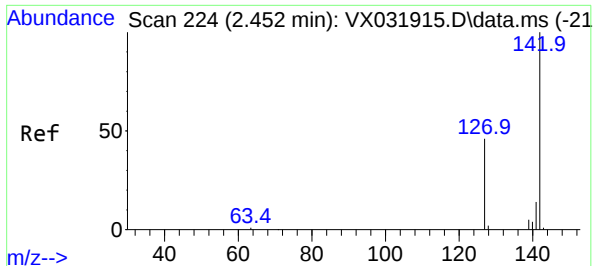
Tgt Ion:168 Resp: 60876
Ion Ratio Lower Upper
168 100
99 63.5 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX032121.D
Acq: 13 Oct 2022 19:40

Tgt Ion: 94 Resp: 277
Ion Ratio Lower Upper
94 100
96 82.9 74.4 111.6

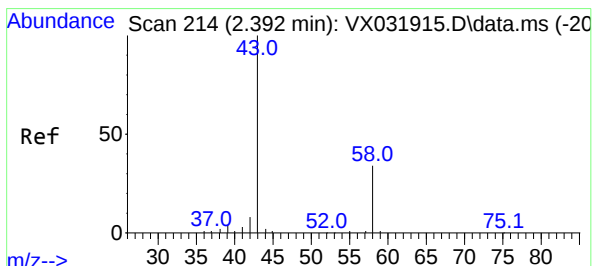
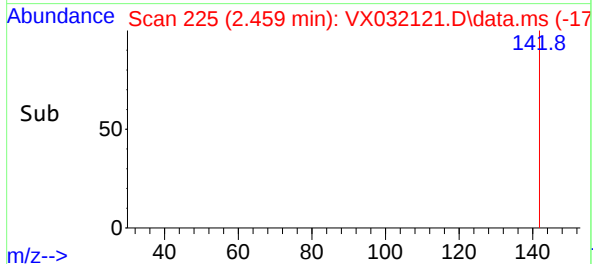
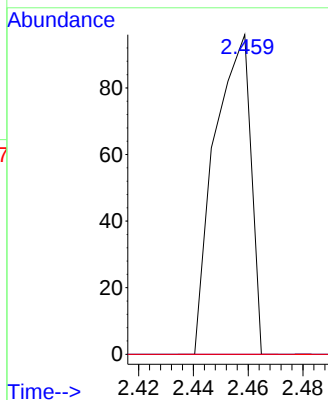
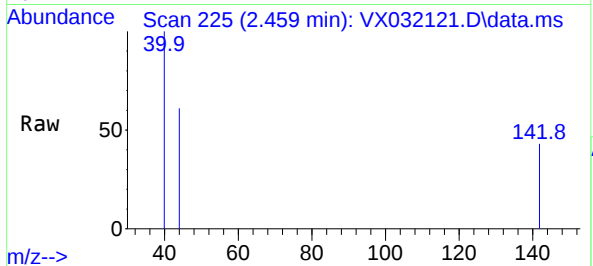




#10
Methyl Iodide
Concen: 2.836 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX032121.D
Acq: 13 Oct 2022 19:40

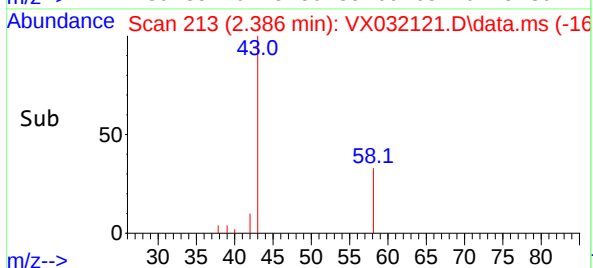
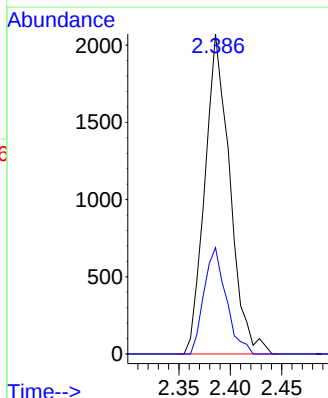
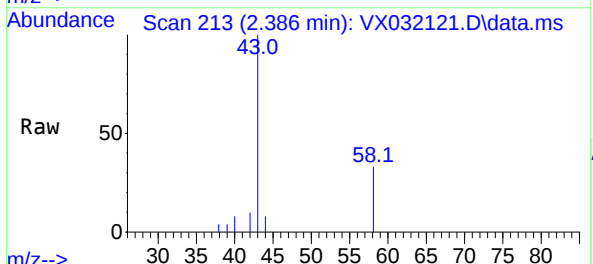
Instrument :
MSVOA_X
ClientSampleId :
SWRN-4

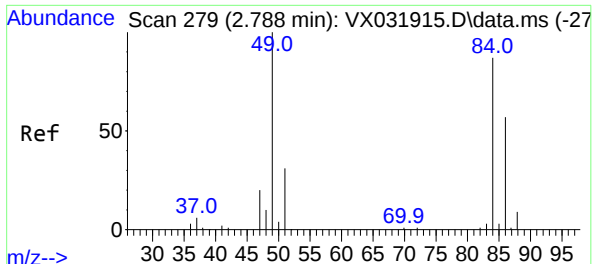
Tgt Ion:142 Resp: 88
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 8.203 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032121.D
Acq: 13 Oct 2022 19:40

Tgt Ion: 43 Resp: 3505
Ion Ratio Lower Upper
43 100
58 33.2 23.8 35.8



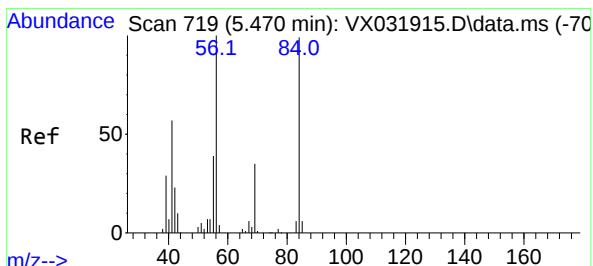
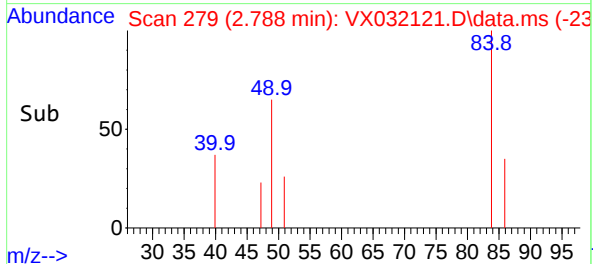
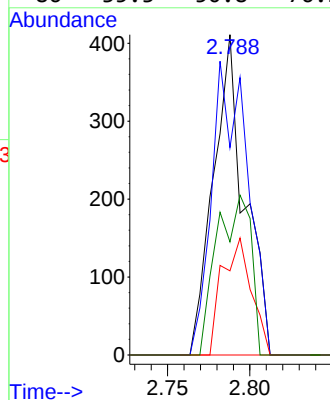
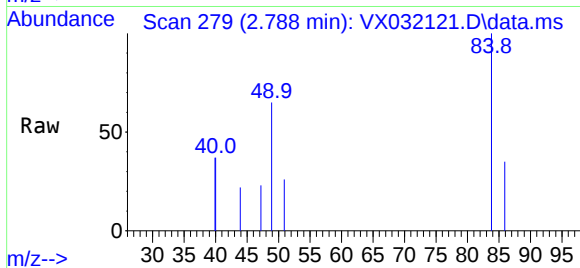


#20
Methylene Chloride
Concen: 0.483 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032121.D
Acq: 13 Oct 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
SWRN-4

Tgt Ion: 84 Resp: 542

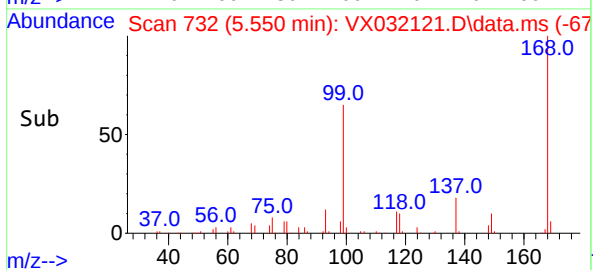
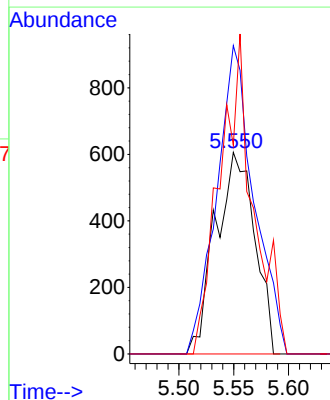
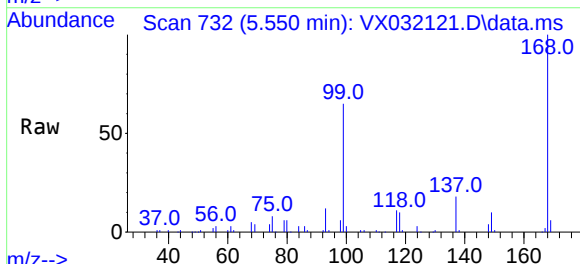
Ion	Ratio	Lower	Upper
84	100		
49	64.7	105.9	158.9#
51	26.3	32.2	48.2#
86	35.3	50.8	76.2#

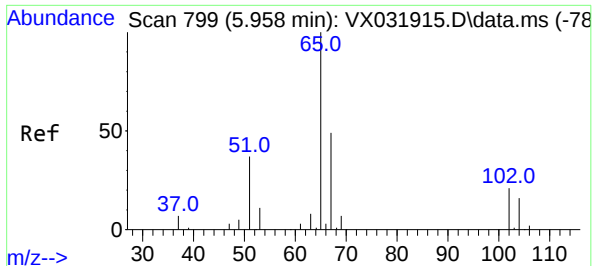


#31
Cyclohexane
Concen: 1.007 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX032121.D
Acq: 13 Oct 2022 19:40

Tgt Ion: 56 Resp: 1512

Ion	Ratio	Lower	Upper
56	100		
69	153.0	25.1	37.7#
84	103.5	70.2	105.4





#33

1,2-Dichloroethane-d4

Concen: 50.977 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032121.D

Acq: 13 Oct 2022 19:40

Instrument :

MSVOA_X

ClientSampleId :

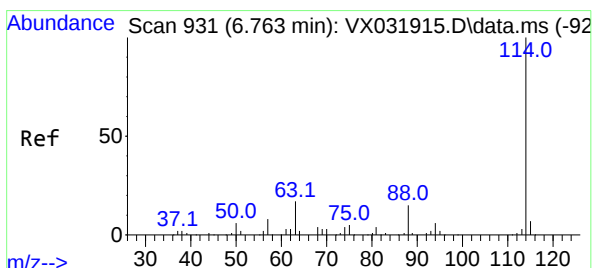
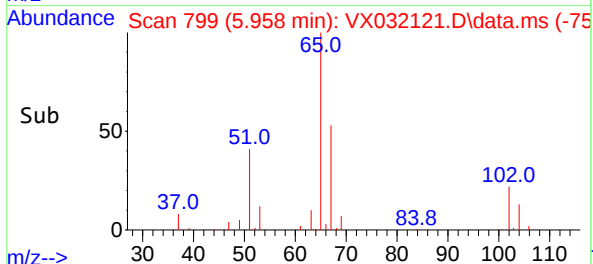
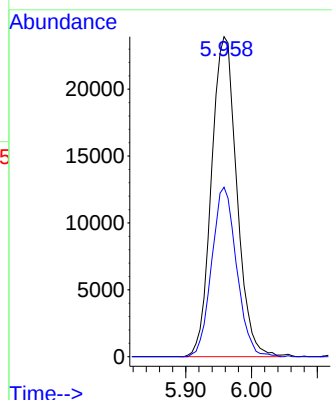
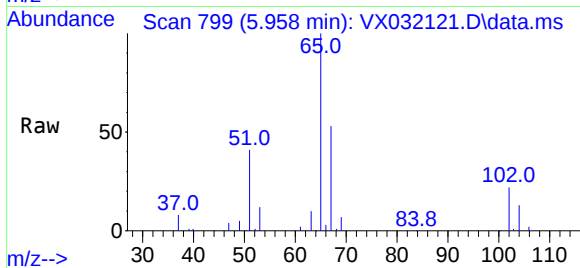
SWRN-4

Tgt Ion: 65 Resp: 64089

Ion Ratio Lower Upper

65 100

67 52.1 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: VX032121.D

Acq: 13 Oct 2022 19:40

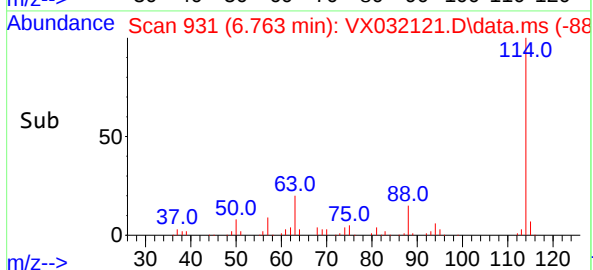
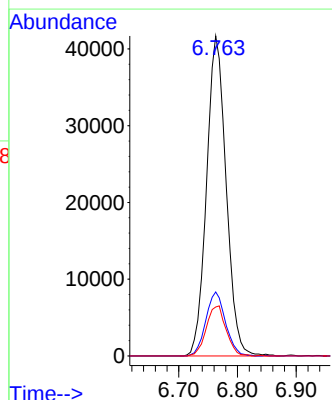
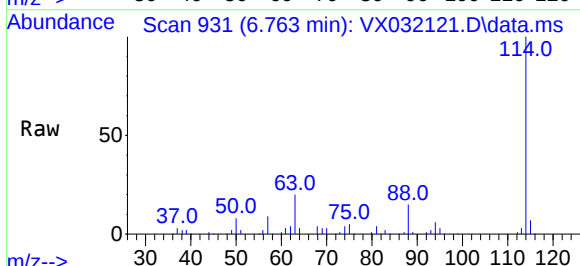
Tgt Ion: 114 Resp: 96501

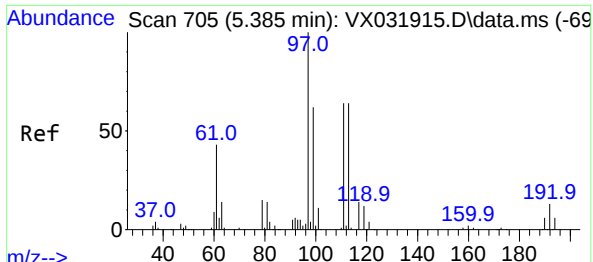
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 15.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.019 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032121.D

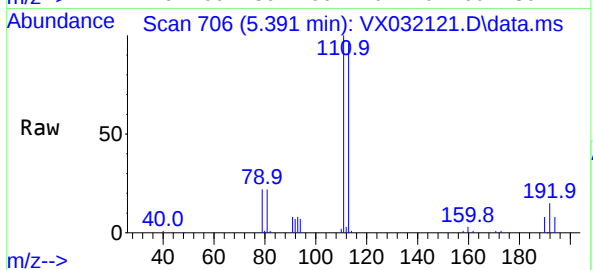
Acq: 13 Oct 2022 19:40

Instrument :

MSVOA_X

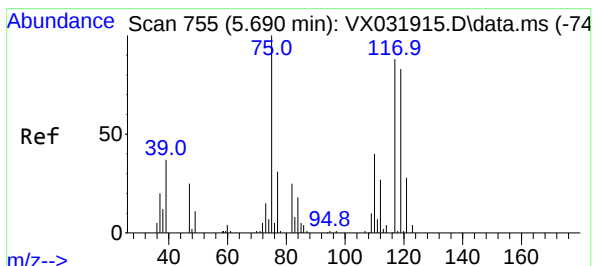
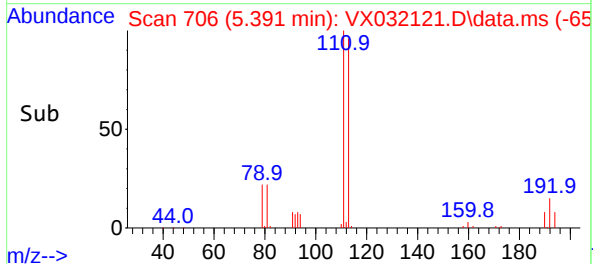
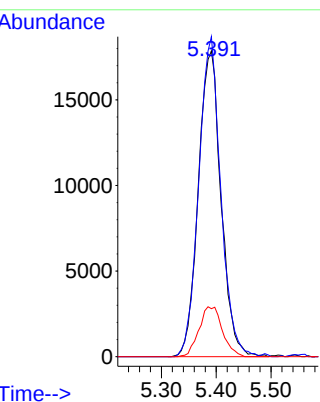
ClientSampleId :

SWRN-4



Tgt Ion:113 Resp: 51361

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	16.8	14.1	21.1



#36

1,1-Dichloropropene

Concen: 3.514 ug/l

RT: 5.556 min Scan# 733

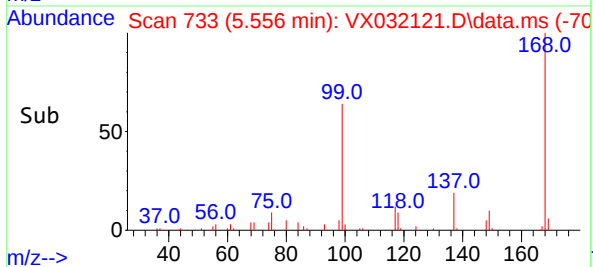
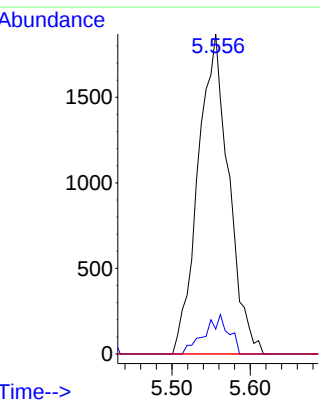
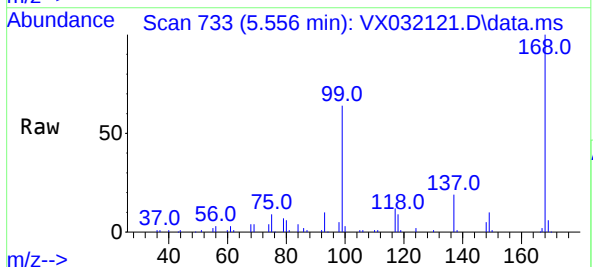
Delta R.T. -0.134 min

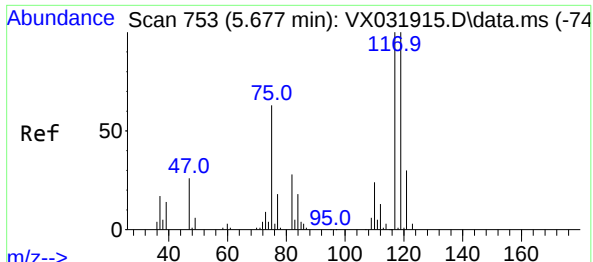
Lab File: VX032121.D

Acq: 13 Oct 2022 19:40

Tgt Ion: 75 Resp: 5090

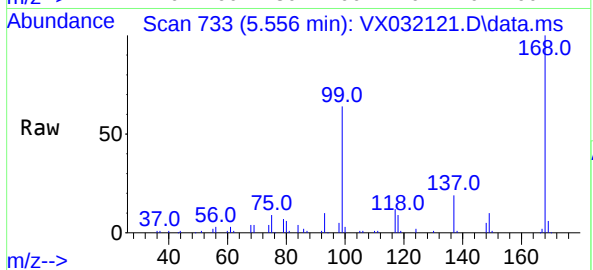
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.5	52.5#
77	0.0	24.9	37.3#



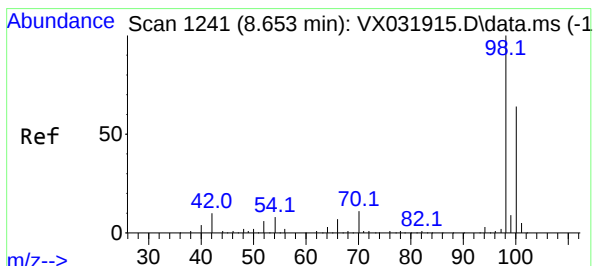
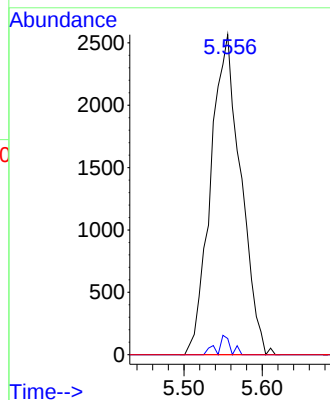
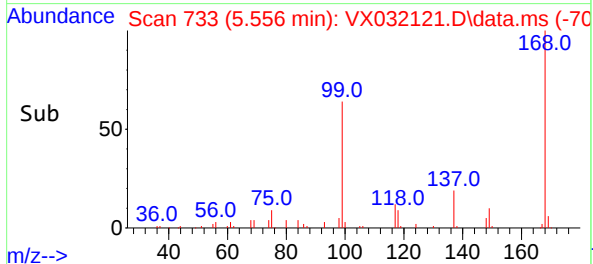


#38
Carbon Tetrachloride
Concen: 4.624 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX032121.D
Acq: 13 Oct 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
SWRN-4

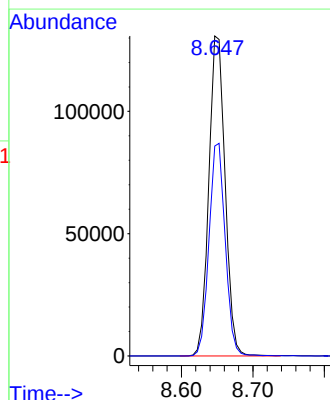
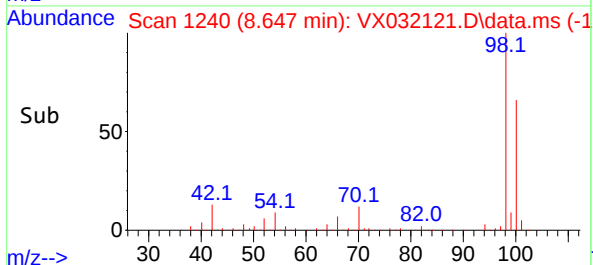
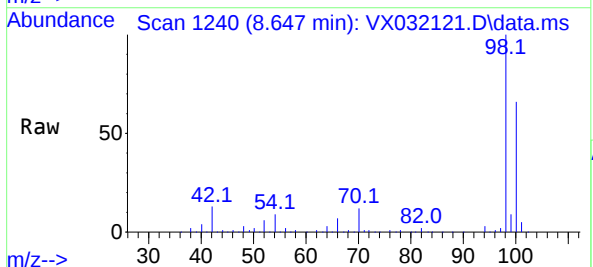


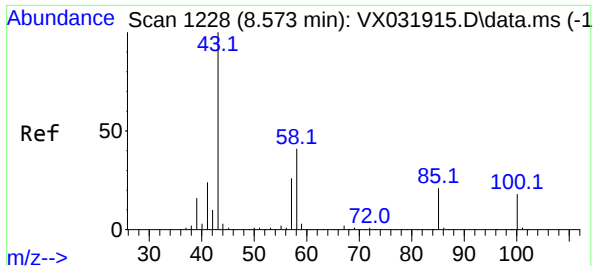
Tgt Ion:117 Resp: 6848
Ion Ratio Lower Upper
117 100
119 5.0 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.679 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032121.D
Acq: 13 Oct 2022 19:40

Tgt Ion: 98 Resp: 207062
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.670 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.080 min

Lab File: VX032121.D

Acq: 13 Oct 2022 19:40

Instrument :

MSVOA_X

ClientSampleId :

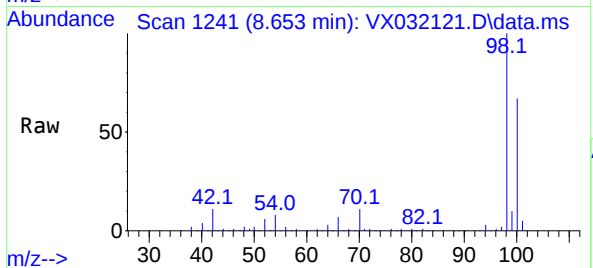
SWRN-4

Tgt Ion: 43 Resp: 919

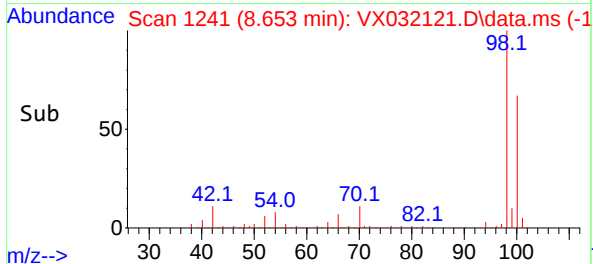
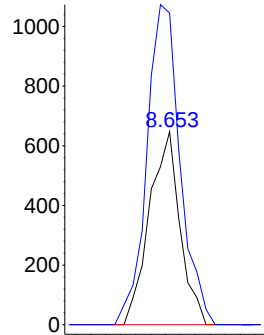
Ion Ratio Lower Upper

43 100

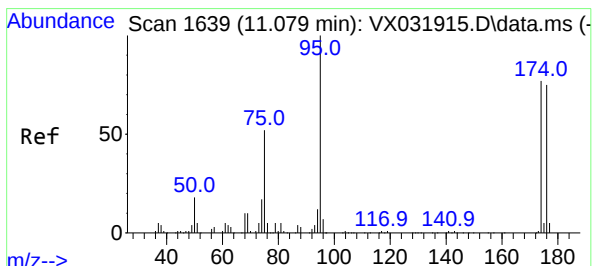
58 180.6 30.6 46.0#



Abundance



Time-->



#62

4-Bromofluorobenzene

Concen: 50.194 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032121.D

Acq: 13 Oct 2022 19:40

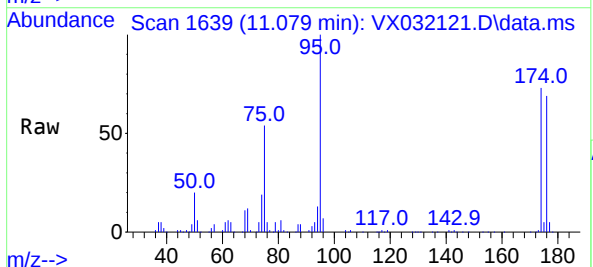
Tgt Ion: 95 Resp: 69749

Ion Ratio Lower Upper

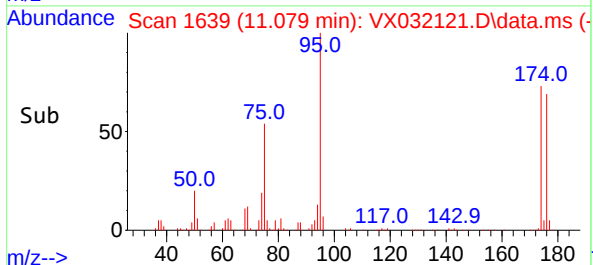
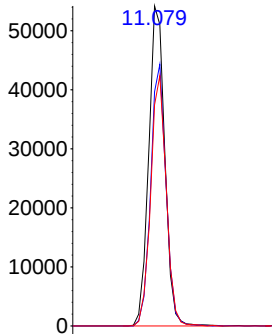
95 100

174 78.0 0.0 153.2

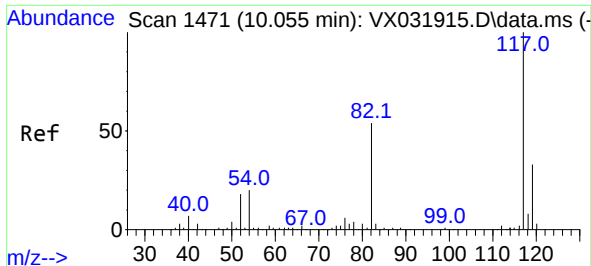
176 75.7 0.0 144.0



Abundance



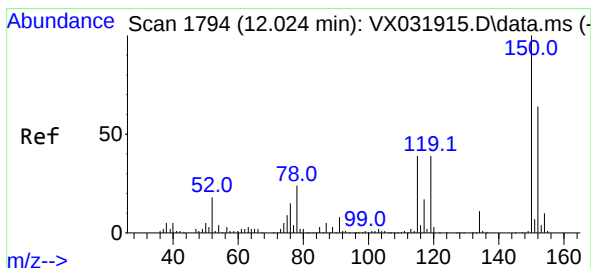
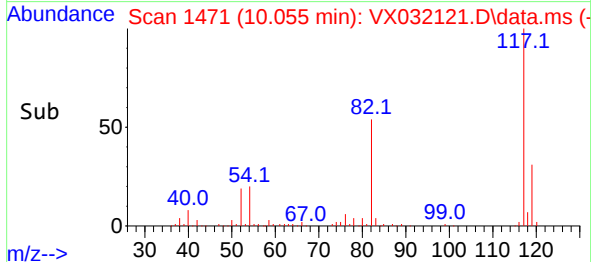
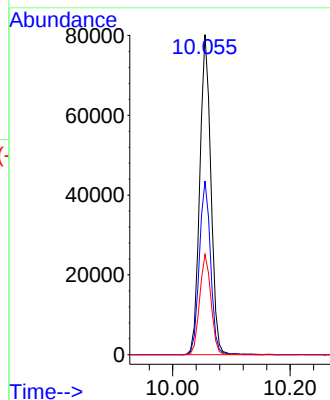
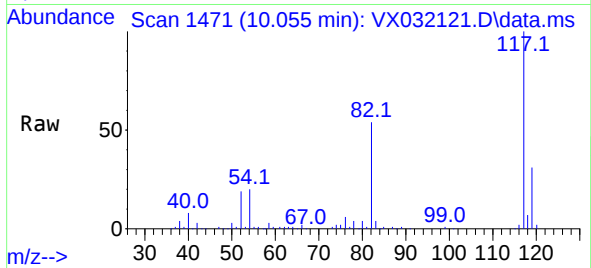
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032121.D
Acq: 13 Oct 2022 19:40

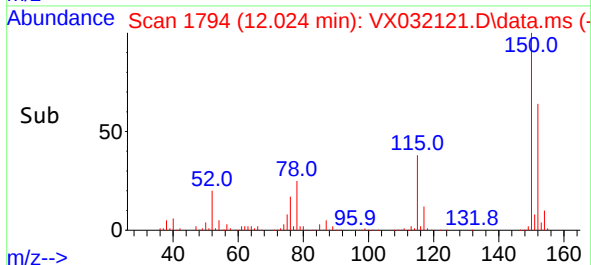
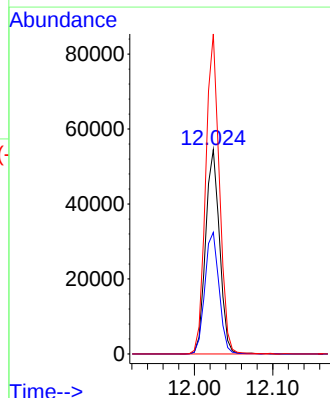
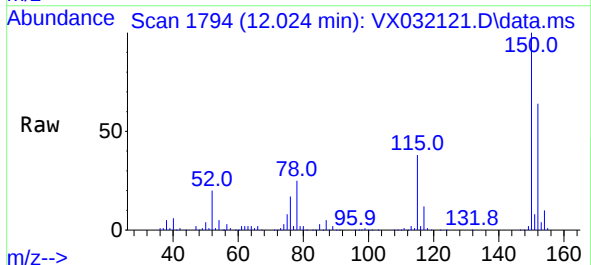
Instrument :
MSVOA_X
ClientSampleId :
SWRN-4

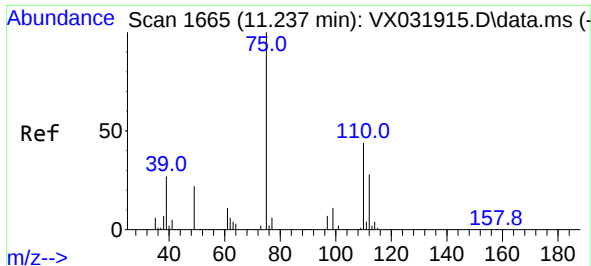
Tgt Ion:117 Resp: 105561
Ion Ratio Lower Upper
117 100
82 54.3 46.8 70.2
119 31.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032121.D
Acq: 13 Oct 2022 19:40

Tgt Ion:152 Resp: 67262
Ion Ratio Lower Upper
152 100
115 60.9 43.4 130.1
150 153.6 0.0 346.8

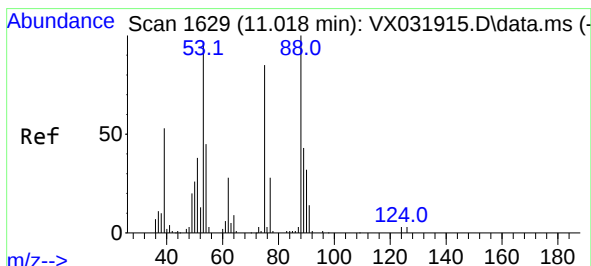
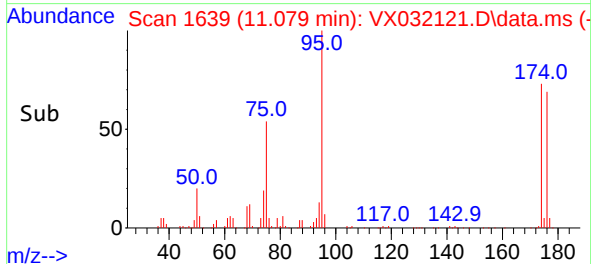
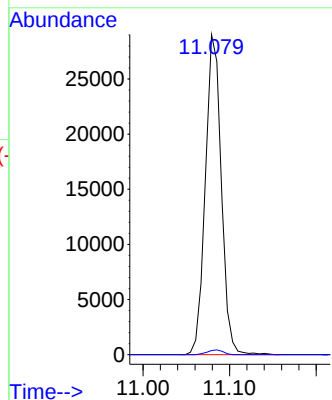
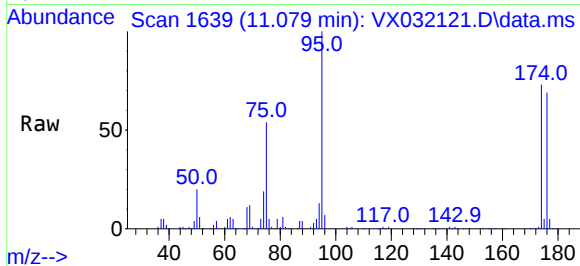




#76
1,2,3-Trichloropropane
Concen: 26.938 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032121.D
Acq: 13 Oct 2022 19:40

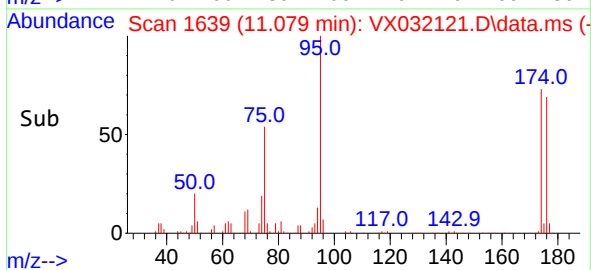
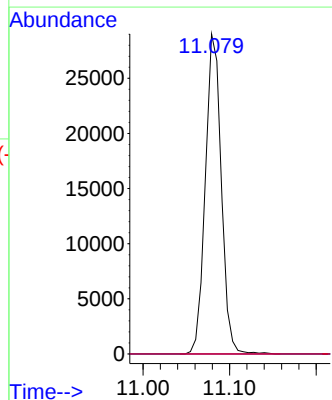
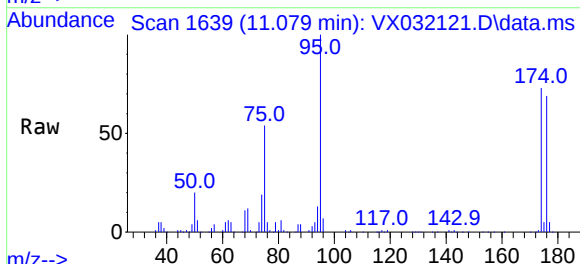
Instrument :
MSVOA_X
ClientSampleId :
SWRN-4

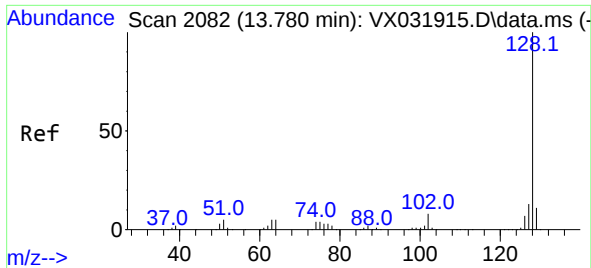
Tgt Ion: 75 Resp: 37135
Ion Ratio Lower Upper
75 100
77 1.5 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.313 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032121.D
Acq: 13 Oct 2022 19:40

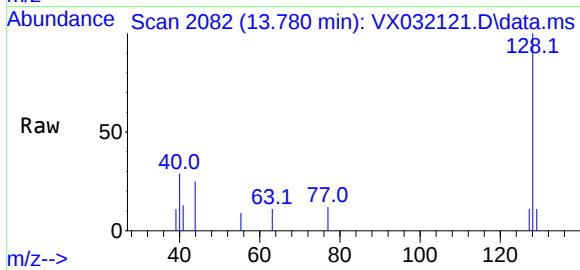
Tgt Ion: 75 Resp: 37135
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 0.203 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX032121.D
Acq: 13 Oct 2022 19:40

Instrument :
MSVOA_X
ClientSampleId :
SWRN-4



Tgt Ion:	128	Resp:	998
Ion	Ratio	Lower	Upper
128	100		
127	6.9	10.4	15.6#
129	5.7	8.8	13.2#

