

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032122.D
 Acq On : 13 Oct 2022 20:03
 Operator : JC/MD
 Sample : N5116-03 5000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SWRN-3

Quant Time: Oct 14 07:54:07 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)

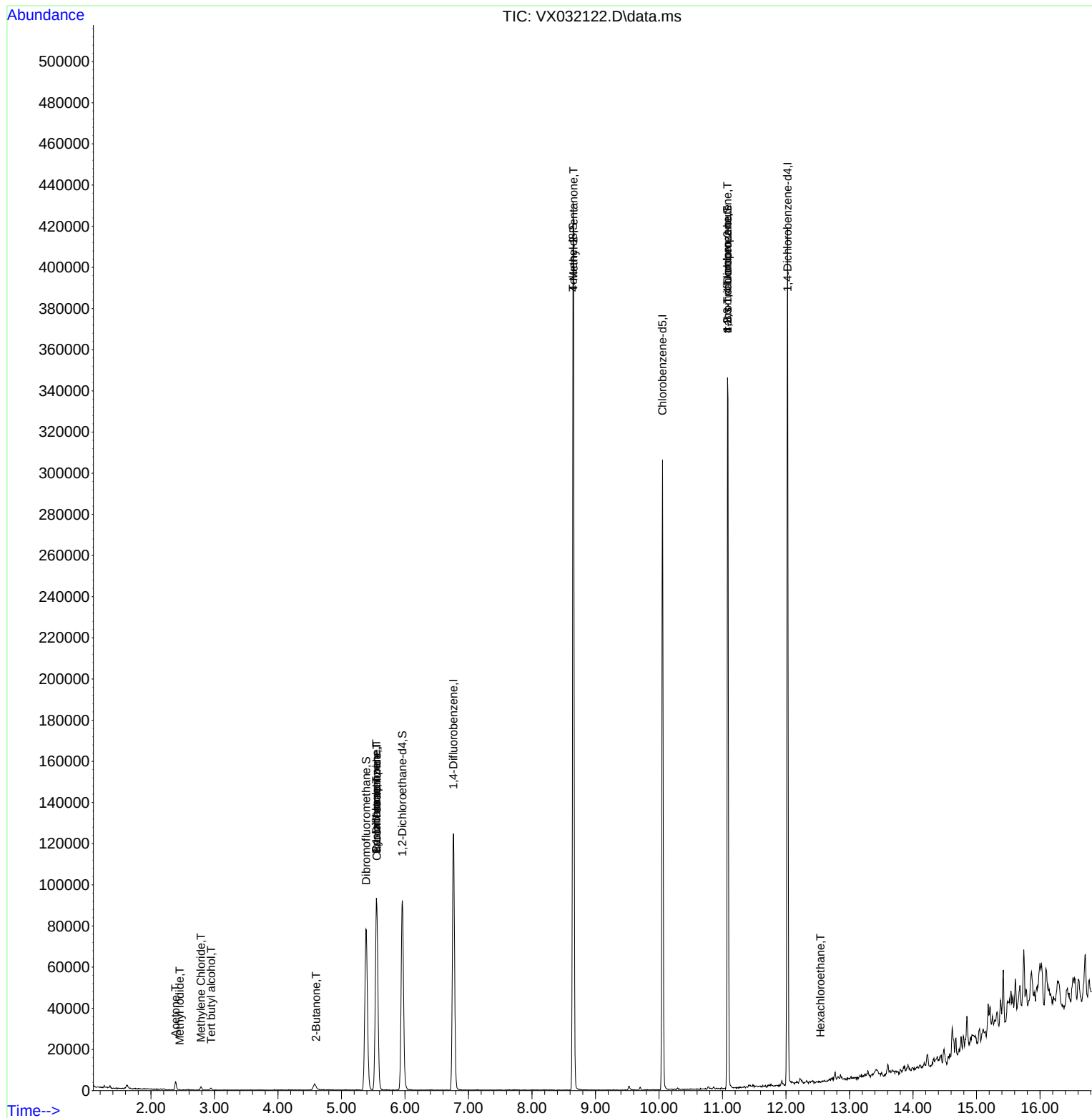
Internal Standards						
1) Pentafluorobenzene	5.550	168	82882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123890	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91376	53.384	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.760%			
35) Dibromofluoromethane	5.385	113	66311	47.285	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.580%			
50) Toluene-d8	8.647	98	249101	49.364	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.720%			
62) 4-Bromofluorobenzene	11.079	95	89905	50.396	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.800%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	262	Below Cal	#	59
10) Methyl Iodide	2.453	142	101	2.823	ug/l #	38
11) Tert butyl alcohol	2.947	59	622	2.921	ug/l #	73
16) Acetone	2.386	43	4672	8.031	ug/l	95
20) Methylene Chloride	2.788	84	727	0.476	ug/l #	74
25) 2-Butanone	4.599	43	331	0.364	ug/l #	49
31) Cyclohexane	5.550	56	2030	0.993	ug/l #	40
36) 1,1-Dichloropropene	5.550	75	7276	3.913	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9371	4.928	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1176	0.668	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50069	30.913	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	50069	105.404	ug/l #	11
90) Hexachloroethane	12.543	117	70	1.392	ug/l #	15

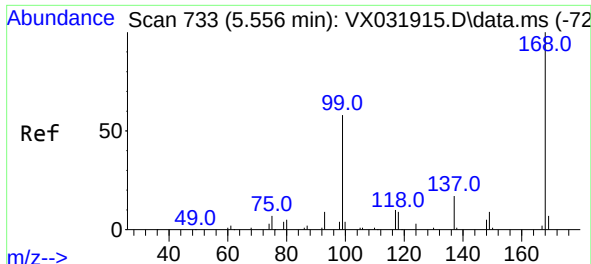
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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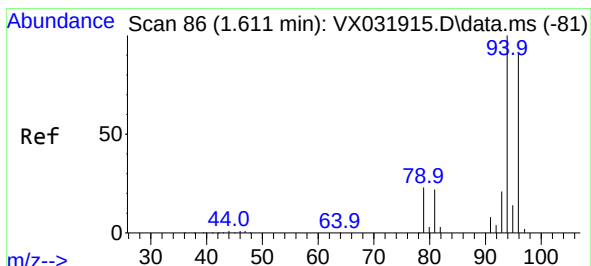
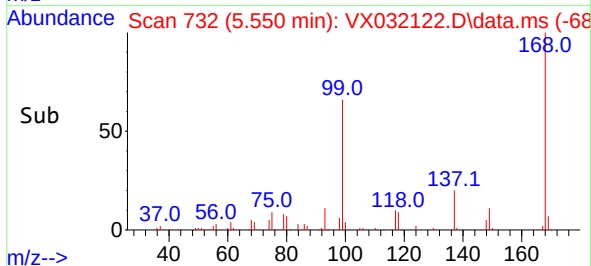
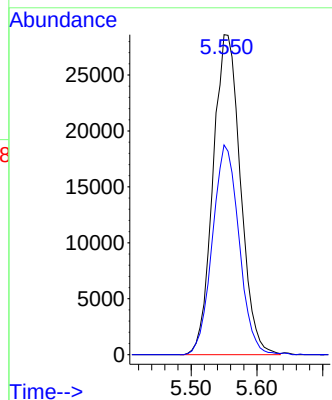
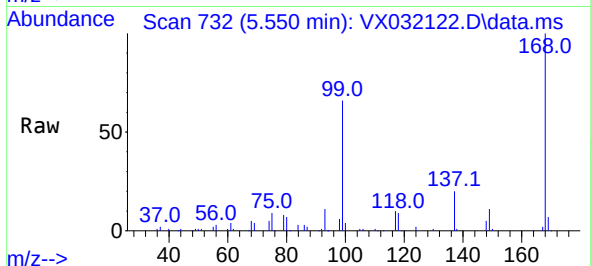




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032122.D
Acq: 13 Oct 2022 20:03

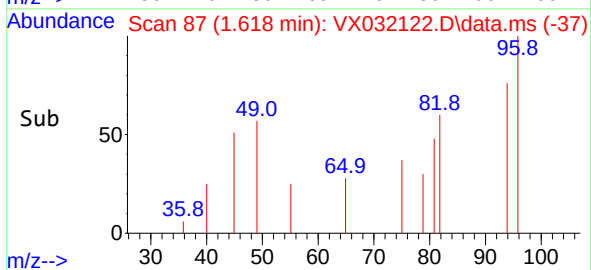
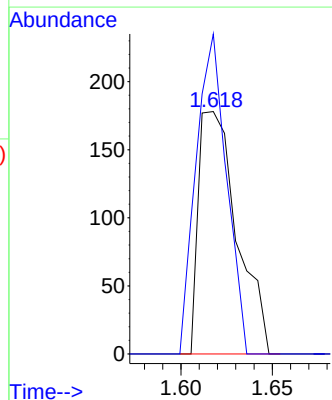
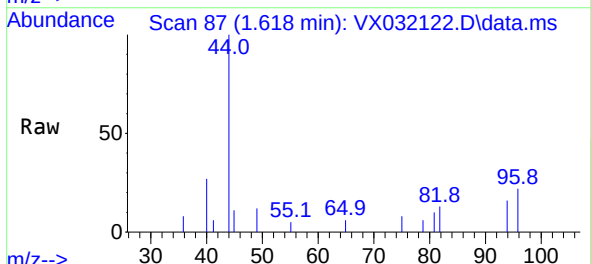
Instrument :
MSVOA_X
ClientSampleId :
SWRN-3

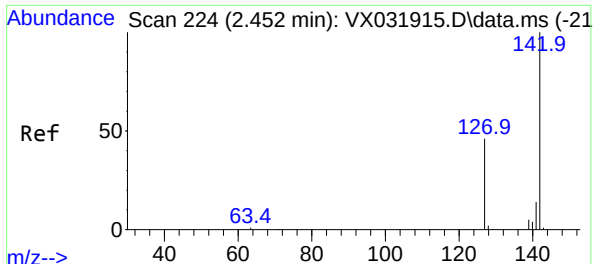
Tgt Ion:168 Resp: 82882
Ion Ratio Lower Upper
168 100
99 65.6 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX032122.D
Acq: 13 Oct 2022 20:03

Tgt Ion: 94 Resp: 262
Ion Ratio Lower Upper
94 100
96 132.0 74.4 111.6#

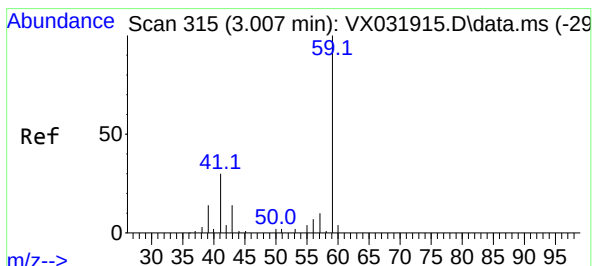
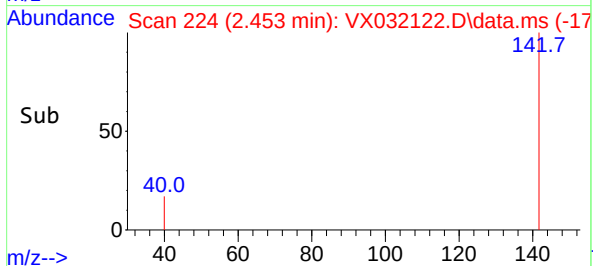
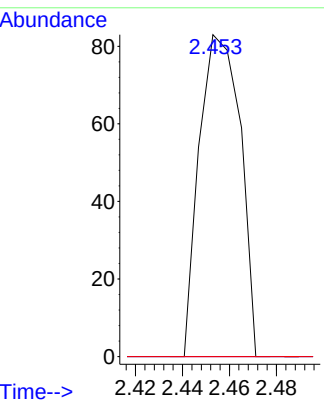
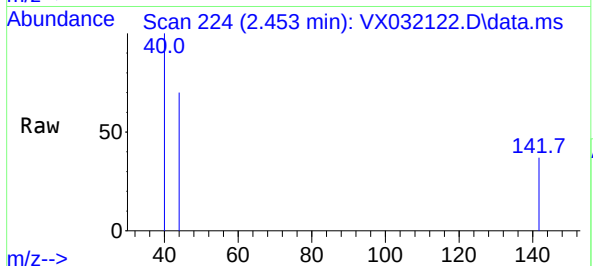




#10
Methyl Iodide
Concen: 2.823 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX032122.D
Acq: 13 Oct 2022 20:03

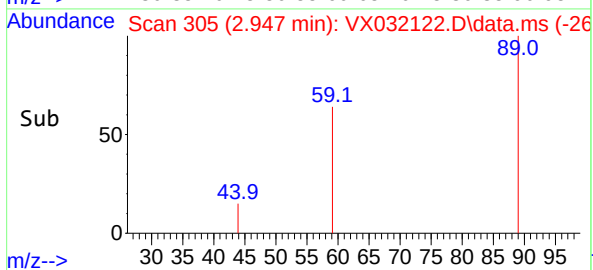
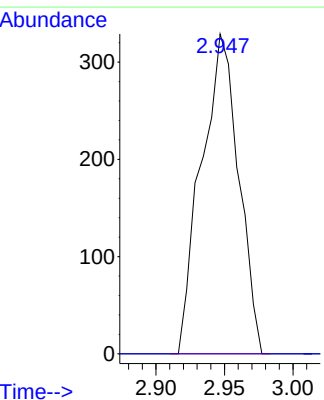
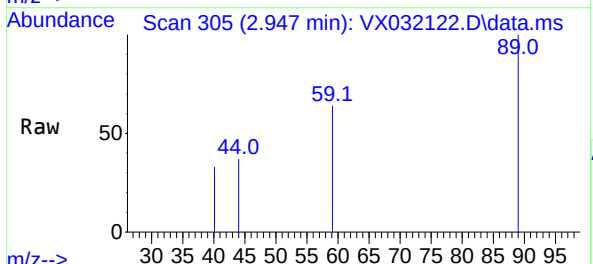
Instrument :
MSVOA_X
ClientSampleId :
SWRN-3

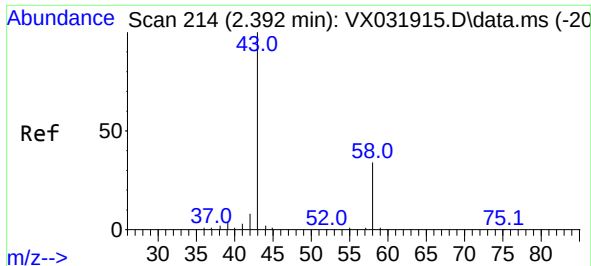
Tgt Ion:	142	Resp:	101
Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.4	56.0#
141	0.0	11.6	17.4#



#11
Tert butyl alcohol
Concen: 2.921 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX032122.D
Acq: 13 Oct 2022 20:03

Tgt Ion:	59	Resp:	622
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

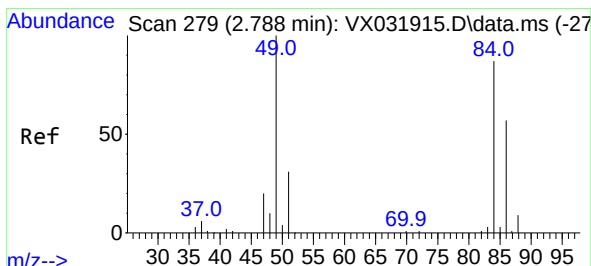
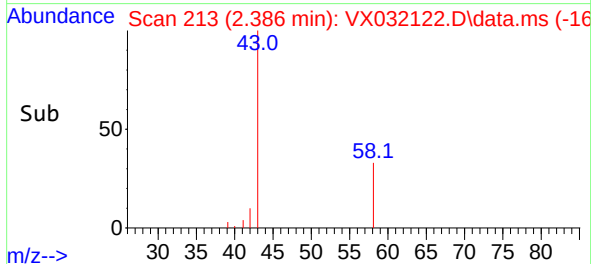
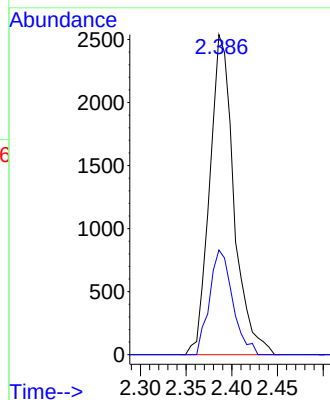
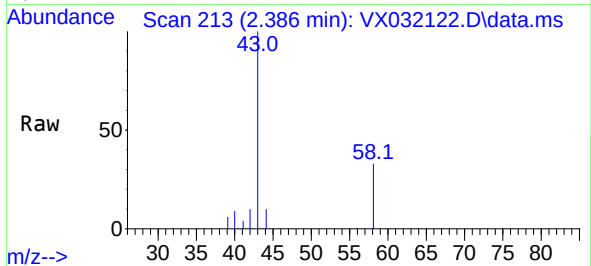




#16
Acetone
Concen: 8.031 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX032122.D
Acq: 13 Oct 2022 20:03

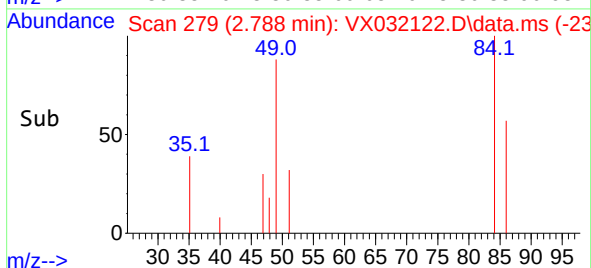
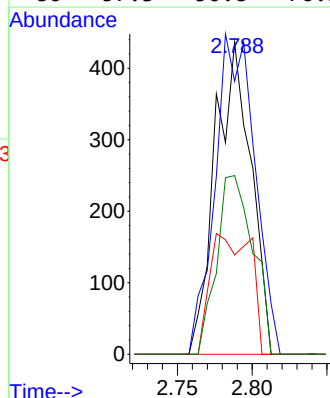
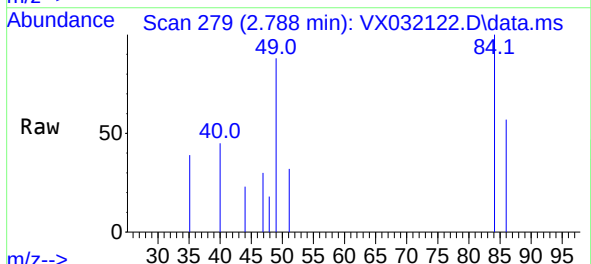
Instrument :
MSVOA_X
ClientSampleId :
SWRN-3

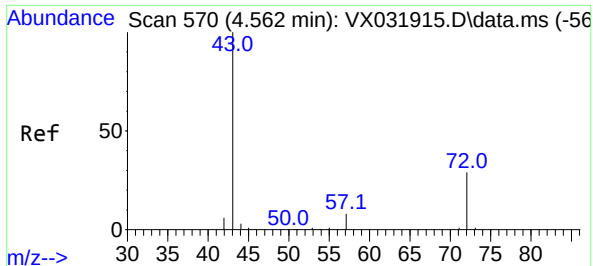
Tgt Ion: 43 Resp: 4672
Ion Ratio Lower Upper
43 100
58 32.7 23.8 35.8



#20
Methylene Chloride
Concen: 0.476 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032122.D
Acq: 13 Oct 2022 20:03

Tgt Ion: 84 Resp: 727
Ion Ratio Lower Upper
84 100
49 87.6 105.9 158.9#
51 31.9 32.2 48.2#
86 57.3 50.8 76.2





#25

2-Butanone

Concen: 0.364 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX032122.D

Acq: 13 Oct 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :

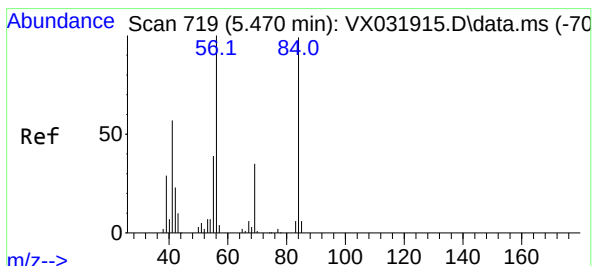
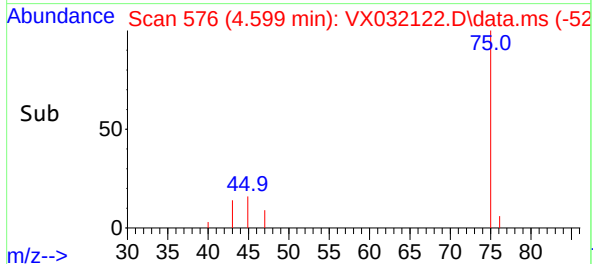
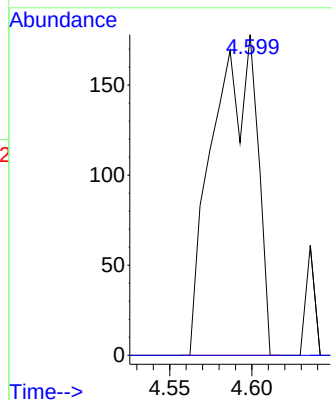
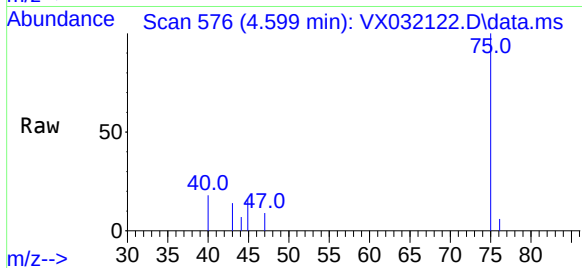
SWRN-3

Tgt Ion: 43 Resp: 331

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#31

Cyclohexane

Concen: 0.993 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX032122.D

Acq: 13 Oct 2022 20:03

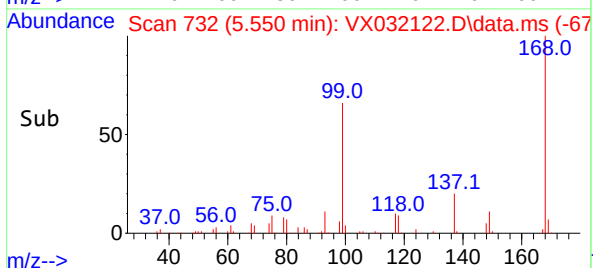
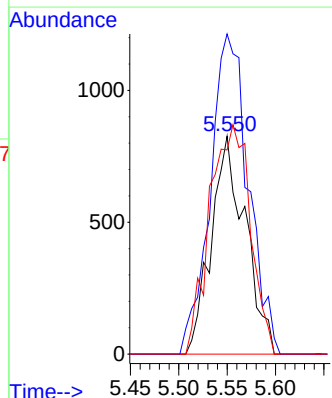
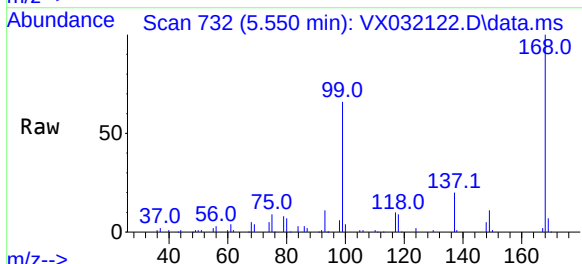
Tgt Ion: 56 Resp: 2030

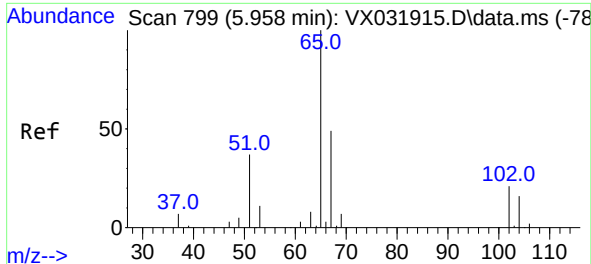
Ion Ratio Lower Upper

56 100

69 147.0 25.1 37.7#

84 93.7 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 53.384 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032122.D

Acq: 13 Oct 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :

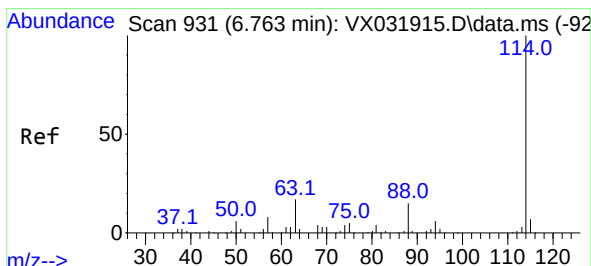
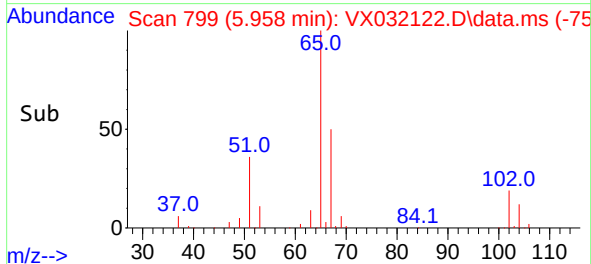
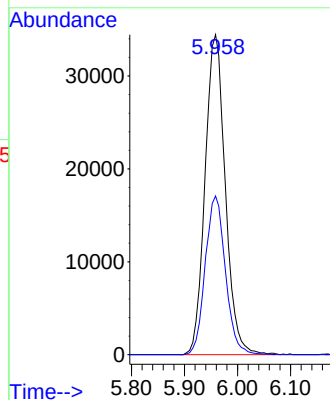
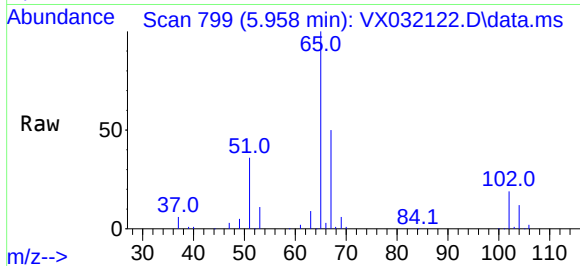
SWRN-3

Tgt Ion: 65 Resp: 91376

Ion Ratio Lower Upper

65 100

67 49.5 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: VX032122.D

Acq: 13 Oct 2022 20:03

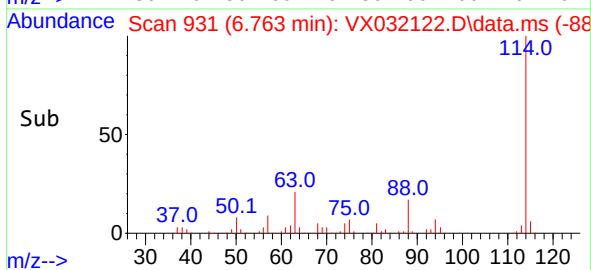
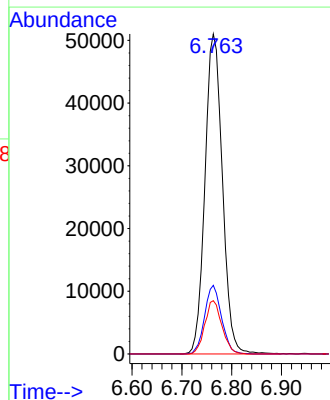
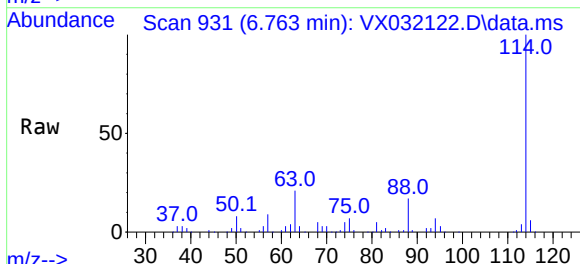
Tgt Ion: 114 Resp: 123890

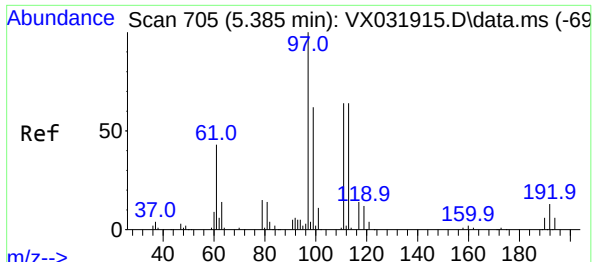
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

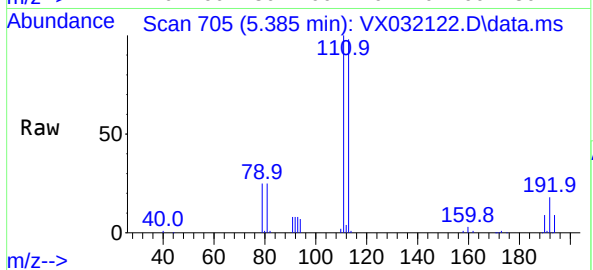
88 16.7 0.0 33.0



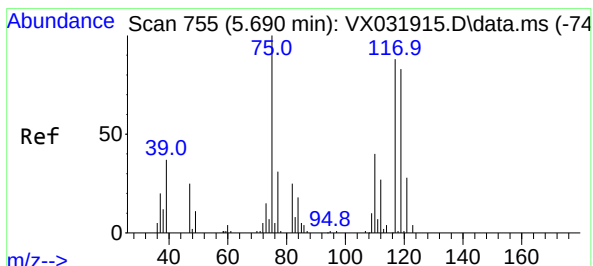
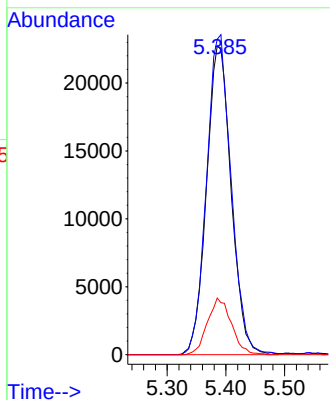
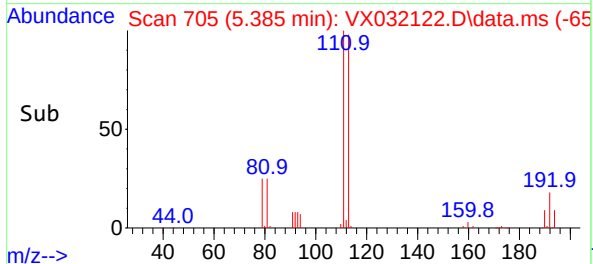


#35
Dibromofluoromethane
Concen: 47.285 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032122.D
Acq: 13 Oct 2022 20:03

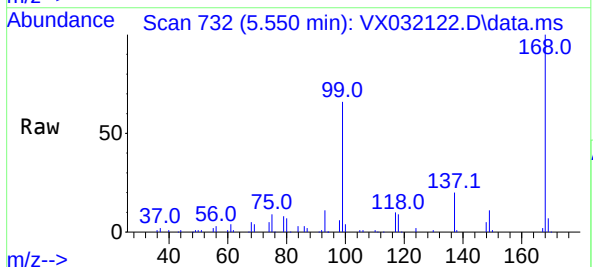
Instrument :
MSVOA_X
ClientSampleId :
SWRN-3



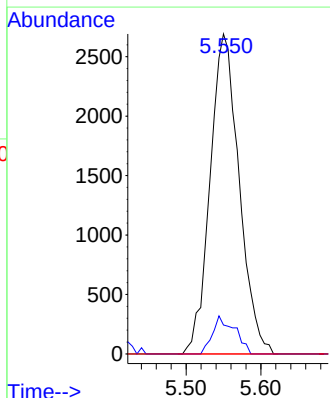
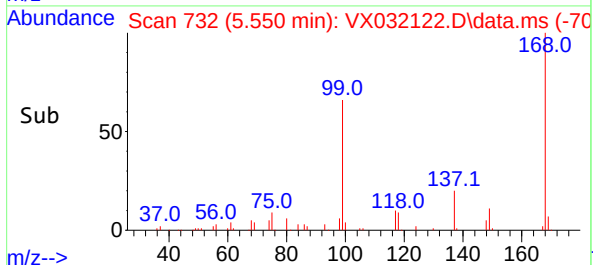
Tgt Ion:113 Resp: 66311
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 17.8 14.1 21.1

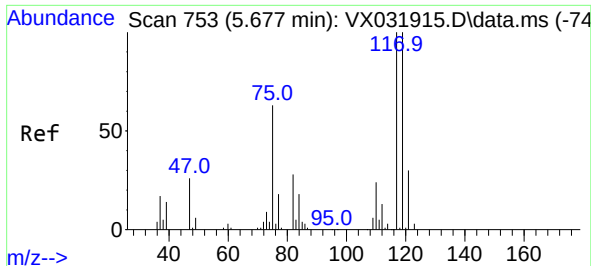


#36
1,1-Dichloropropene
Concen: 3.913 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX032122.D
Acq: 13 Oct 2022 20:03



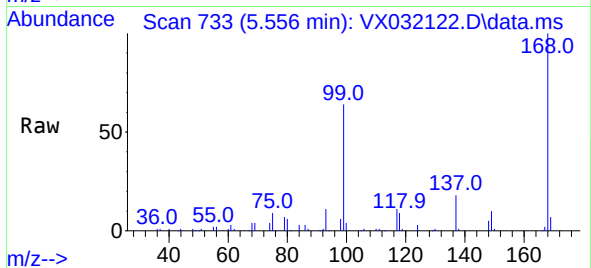
Tgt Ion: 75 Resp: 7276
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.9 37.3#



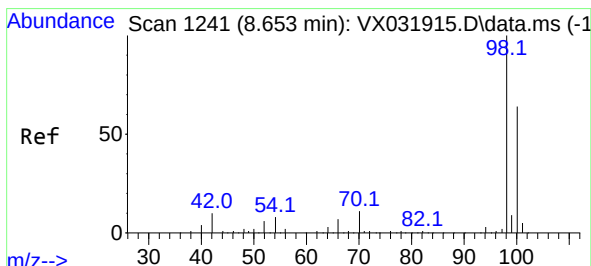
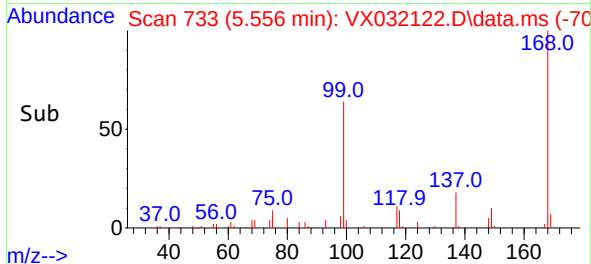
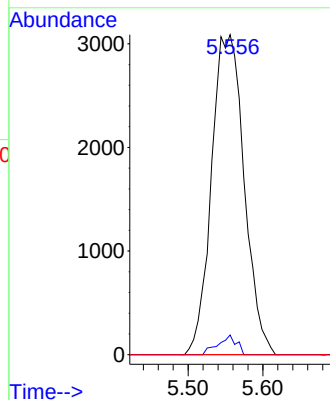


#38
Carbon Tetrachloride
Concen: 4.928 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX032122.D
Acq: 13 Oct 2022 20:03

Instrument :
MSVOA_X
ClientSampleId :
SWRN-3

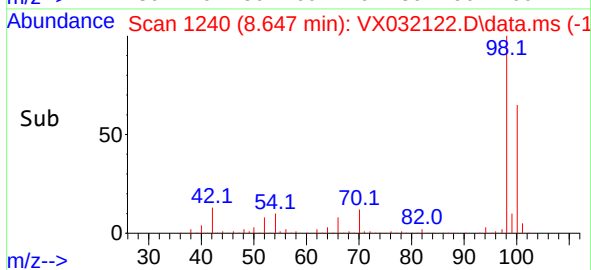
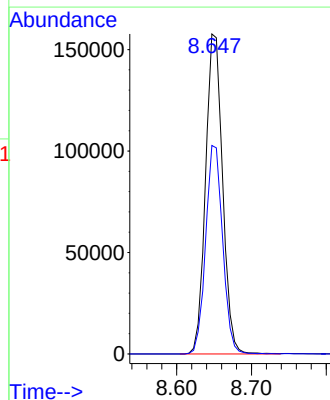
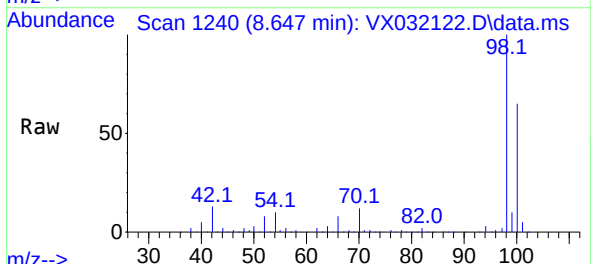


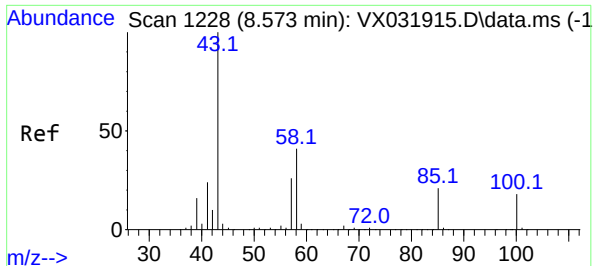
Tgt Ion:117 Resp: 9371
Ion Ratio Lower Upper
117 100
119 6.2 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.364 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032122.D
Acq: 13 Oct 2022 20:03

Tgt Ion: 98 Resp: 249101
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7

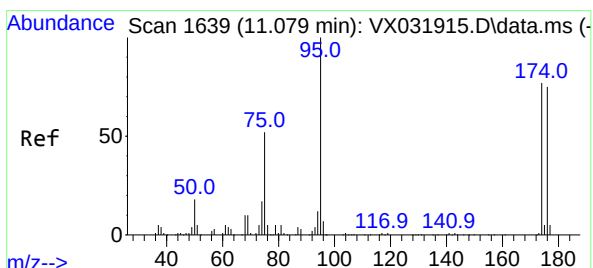
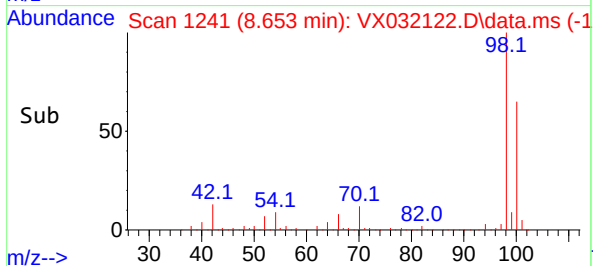
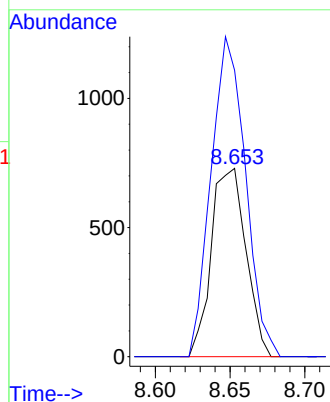
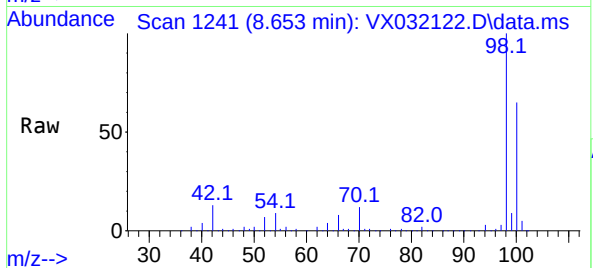




#51
4-Methyl-2-Pentanone
Concen: 0.668 ug/l
RT: 8.653 min Scan# 1176
Delta R.T. 0.080 min
Lab File: VX032122.D
Acq: 13 Oct 2022 20:03

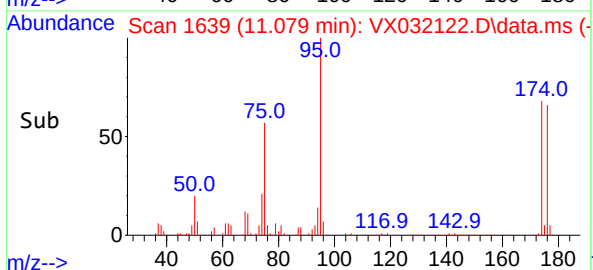
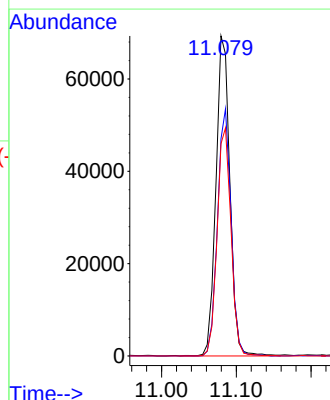
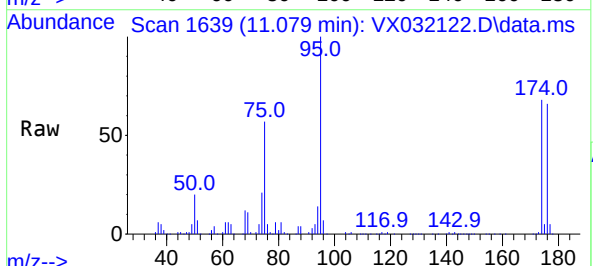
Instrument :
MSVOA_X
ClientSampleId :
SWRN-3

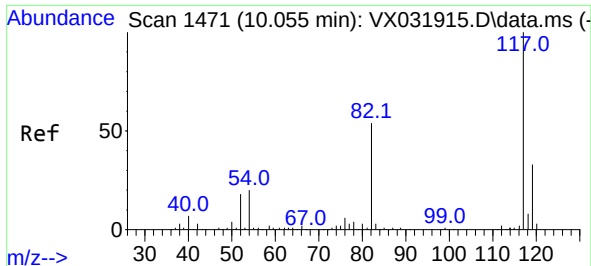
Tgt Ion: 43 Resp: 1176
Ion Ratio Lower Upper
43 100
58 168.9 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 50.396 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032122.D
Acq: 13 Oct 2022 20:03

Tgt Ion: 95 Resp: 89905
Ion Ratio Lower Upper
95 100
174 75.3 0.0 153.2
176 70.7 0.0 144.0

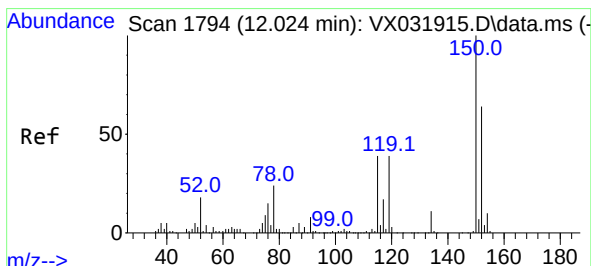
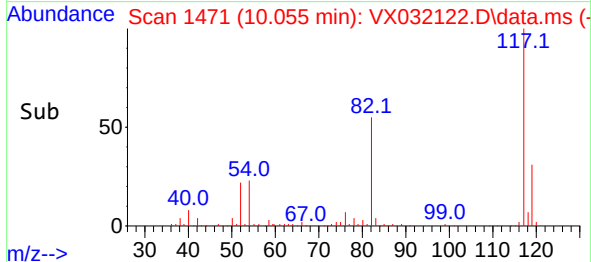
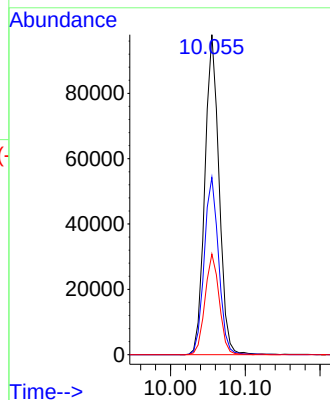
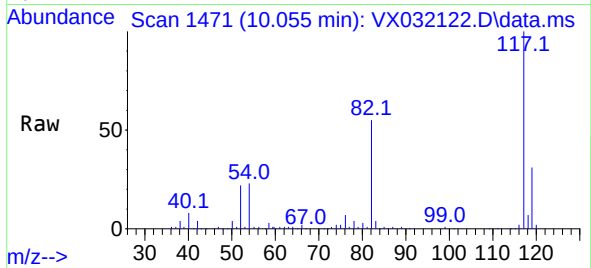




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032122.D
Acq: 13 Oct 2022 20:03

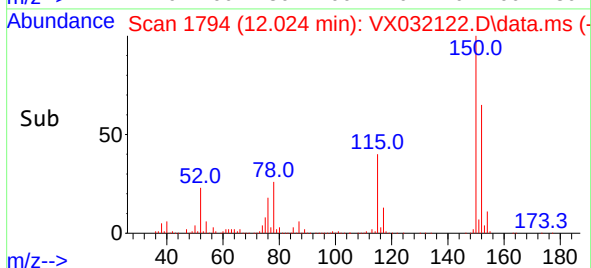
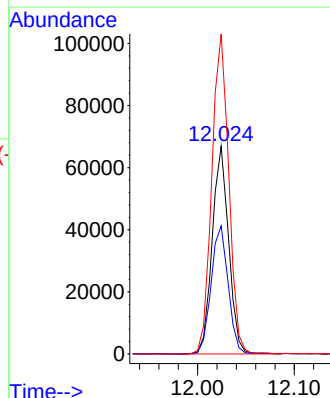
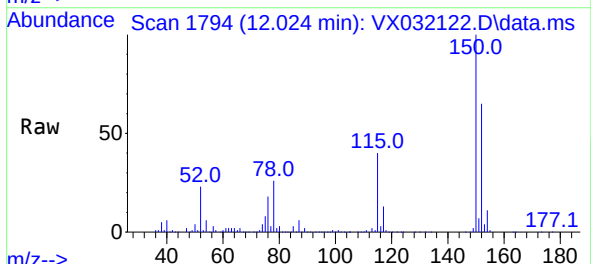
Instrument :
MSVOA_X
ClientSampleId :
SWRN-3

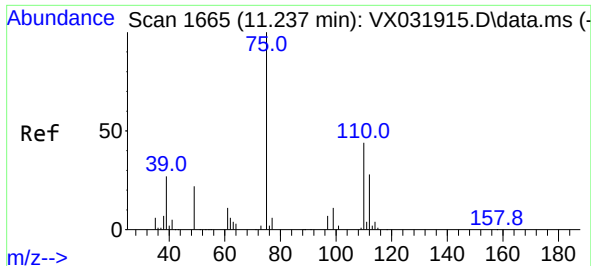
Tgt Ion:117 Resp: 129168
Ion Ratio Lower Upper
117 100
82 55.4 46.8 70.2
119 31.4 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032122.D
Acq: 13 Oct 2022 20:03

Tgt Ion:152 Resp: 79028
Ion Ratio Lower Upper
152 100
115 63.8 43.4 130.1
150 159.2 0.0 346.8

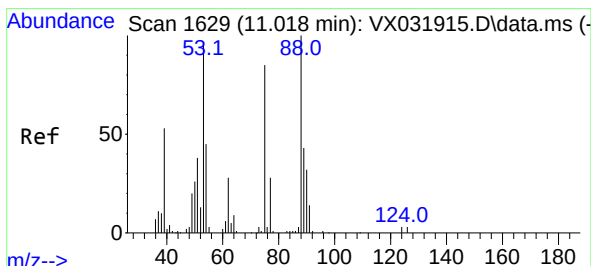
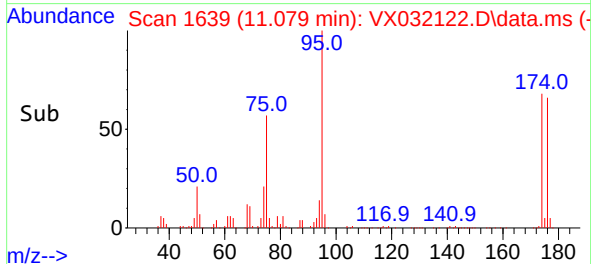
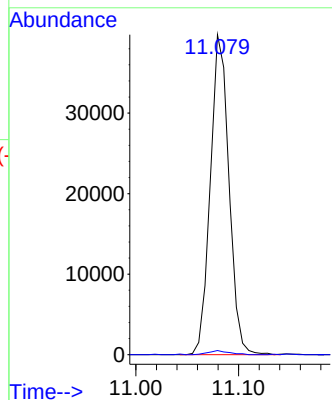
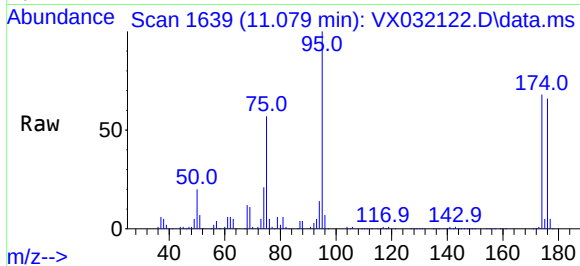




#76
1,2,3-Trichloropropane
Concen: 30.913 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032122.D
Acq: 13 Oct 2022 20:03

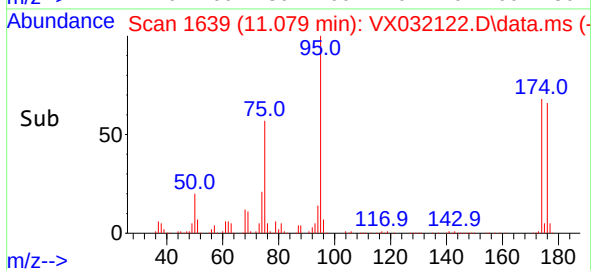
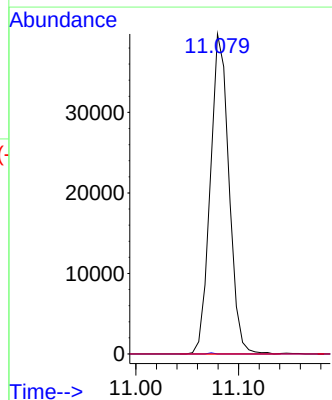
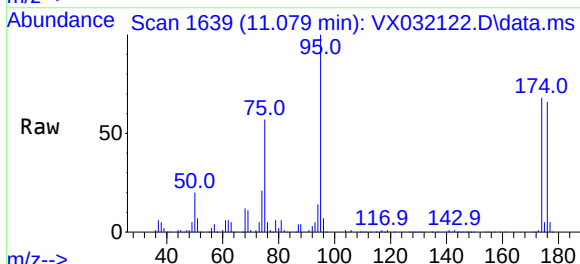
Instrument :
MSVOA_X
ClientSampleId :
SWRN-3

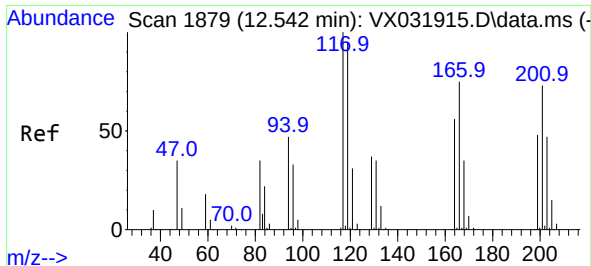
Tgt Ion: 75 Resp: 50069
Ion Ratio Lower Upper
75 100
77 1.4 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.404 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032122.D
Acq: 13 Oct 2022 20:03

Tgt Ion: 75 Resp: 50069
Ion Ratio Lower Upper
75 100
53 0.1 77.6 116.4#
89 0.0 37.4 56.0#





#90

Hexachloroethane

Concen: 1.392 ug/l

RT: 12.543 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX032122.D

Acq: 13 Oct 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :

SWRN-3

Tgt Ion:117 Resp: 70

Ion Ratio Lower Upper

117 100

201 0.0 34.8 104.4#

