

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030662.D
 Acq On : 19 Apr 2023 14:12
 Operator : SY/MD
 Sample : 02360-20DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 01:28:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 01:26:42 2023
 Response via : Initial Calibration

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

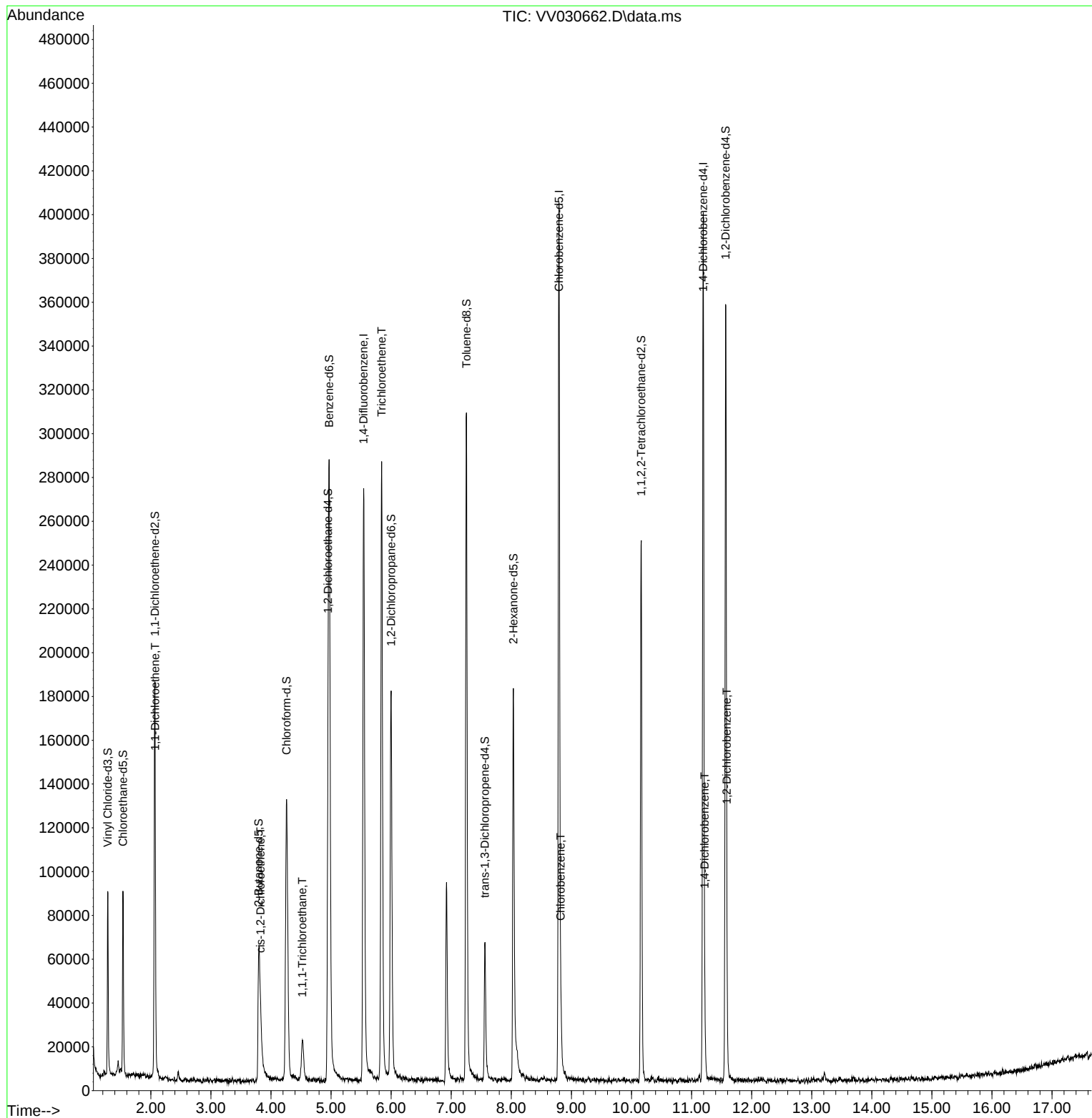
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	228139	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	218219	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	102758	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	55256	33.039	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.080%		
7) Chloroethane-d5	1.535	69	50374	35.943	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	71.880%		
11) 1,1-Dichloroethene-d2	2.066	65	29165	36.772	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.540%		
21) 2-Butanone-d5	3.796	46	94754	103.150	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.150%		
24) Chloroform-d	4.259	84	133928	44.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.380%		
26) 1,2-Dichloroethane-d4	4.950	65	93063	47.759	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.520%		
32) Benzene-d6	4.969	84	236020	45.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.500%		
36) 1,2-Dichloropropane-d6	5.998	67	77989	48.664	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.320%		
41) Toluene-d8	7.252	98	197702	40.813	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.620%		
43) trans-1,3-Dichloroprop...	7.561	79	35820	44.345	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.700%		
47) 2-Hexanone-d5	8.034	63	61018	96.649	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.650%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	112612	48.425	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.860%		
66) 1,2-Dichlorobenzene-d4	11.567	152	87675	53.680	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.360%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.072	96	2230	1.396	ug/L #	1
20) cis-1,2-Dichloroethene	3.825	96	4365	2.488	ug/L	85
30) 1,1,1-Trichloroethane	4.519	97	7737	2.523	ug/L #	20
34) Trichloroethene	5.841	95	93842	54.444	ug/L	99
51) Chlorobenzene	8.821	112	13530	2.878	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	8400	2.483	ug/L	96
67) 1,2-Dichlorobenzene	11.586	146	6257	1.933	ug/L	100

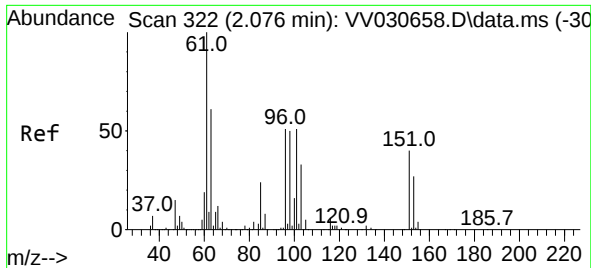
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 01:26:42 2023
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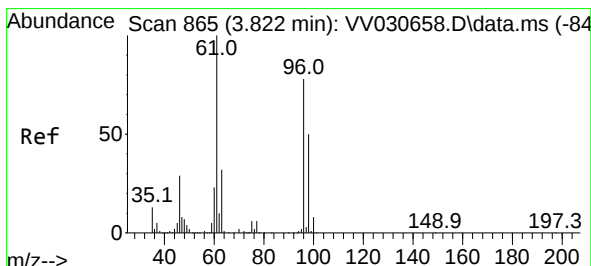
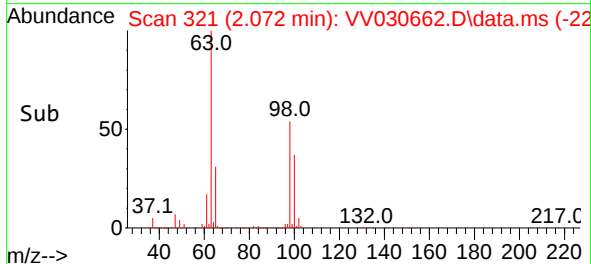
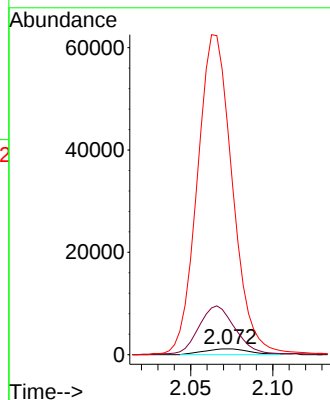
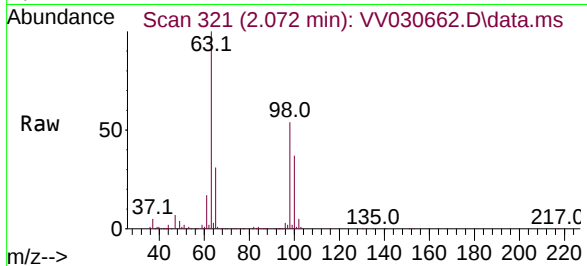




#12
1,1-Dichloroethene
Concen: 1.396 ug/L
RT: 2.072 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV030662.D
Acq: 19 Apr 2023 14:12

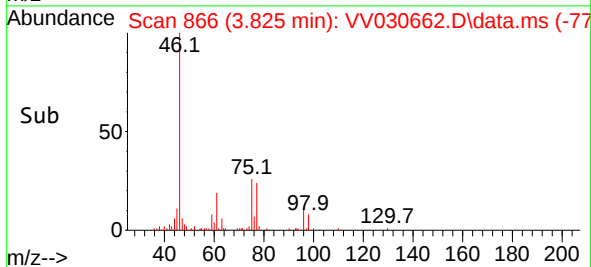
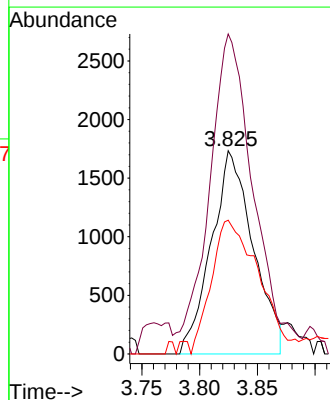
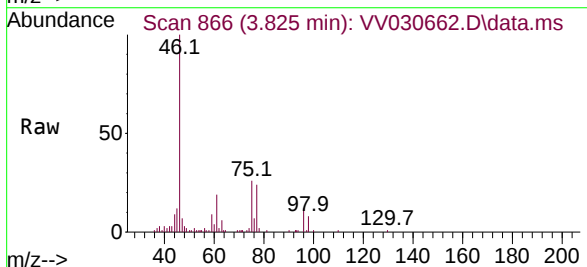
Instrument :
MSVOA_V
ClientSampleId :

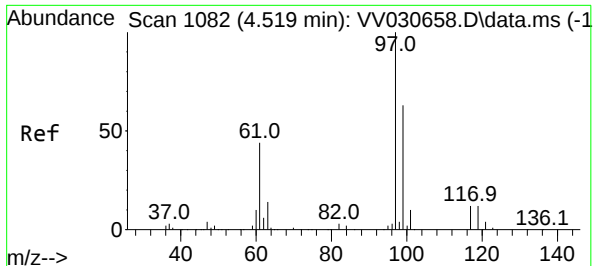
Tgt Ion: 96 Resp: 2230
Ion Ratio Lower Upper
96 100
61 650.7 131.9 245.0#
63 3941.2 99.8 185.3#



#20
cis-1,2-Dichloroethene
Concen: 2.488 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.003 min
Lab File: VV030662.D
Acq: 19 Apr 2023 14:12

Tgt Ion: 96 Resp: 4365
Ion Ratio Lower Upper
96 100
61 157.5 92.3 171.3
98 65.8 45.9 85.3





#30

1,1,1-Trichloroethane

Concen: 2.523 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.000 min

Lab File: VV030662.D

Acq: 19 Apr 2023 14:12

Instrument :

MSVOA_V

ClientSampleId :

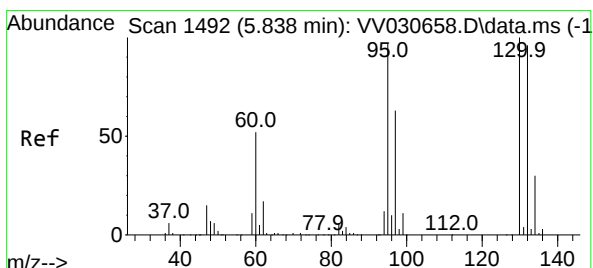
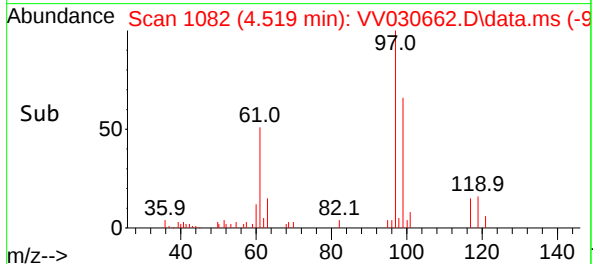
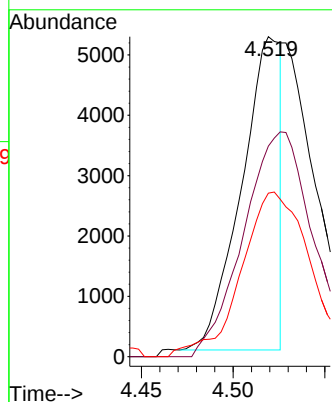
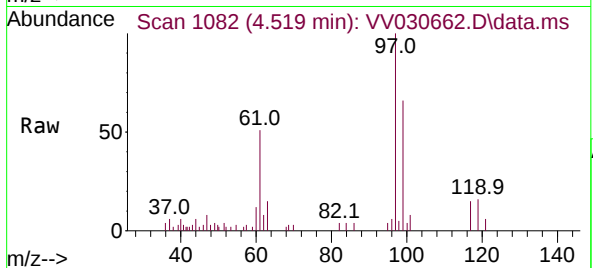
Tgt Ion: 97 Resp: 7737

Ion Ratio Lower Upper

97 100

99 130.2 51.4 77.0#

61 94.8 37.0 55.6#



#34

Trichloroethene

Concen: 54.444 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030662.D

Acq: 19 Apr 2023 14:12

Tgt Ion: 95 Resp: 93842

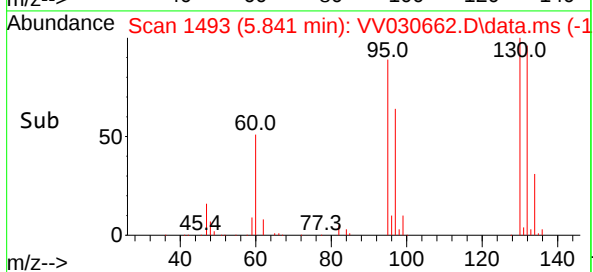
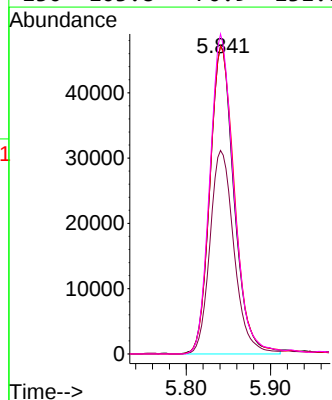
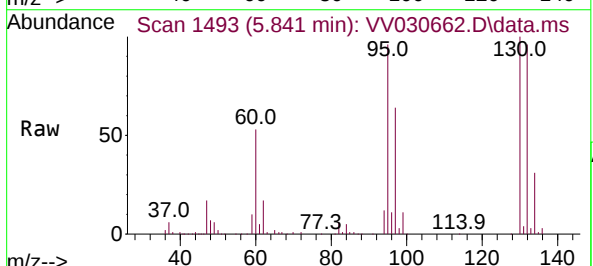
Ion Ratio Lower Upper

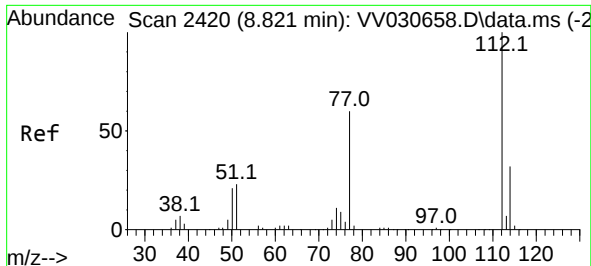
95 100

97 66.0 45.8 85.2

132 99.9 70.6 131.2

130 103.8 70.9 131.7





#51

Chlorobenzene

Concen: 2.878 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030662.D

Acq: 19 Apr 2023 14:12

Instrument :

MSVOA_V

ClientSampleId :

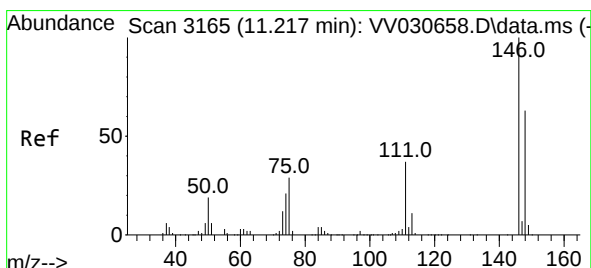
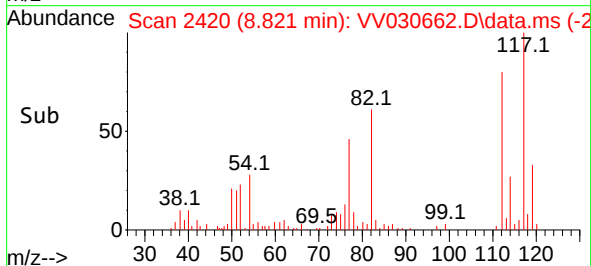
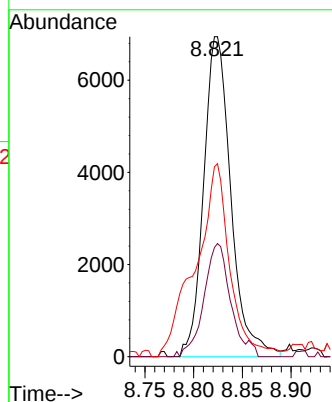
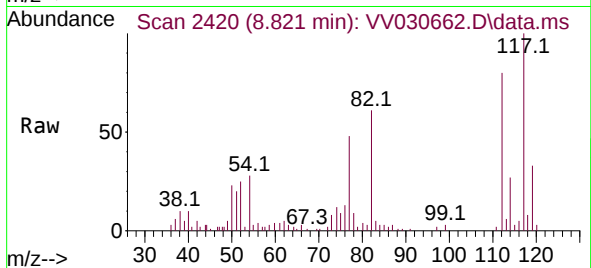
Tgt Ion:112 Resp: 13530

Ion Ratio Lower Upper

112 100

114 34.1 22.4 41.6

77 59.4 47.4 71.0



#65

1,4-Dichlorobenzene

Concen: 2.483 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. -0.000 min

Lab File: VV030662.D

Acq: 19 Apr 2023 14:12

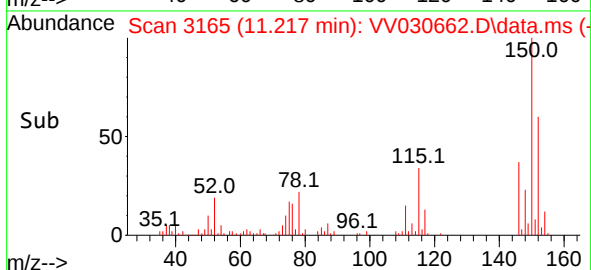
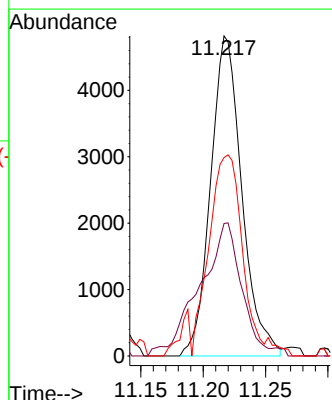
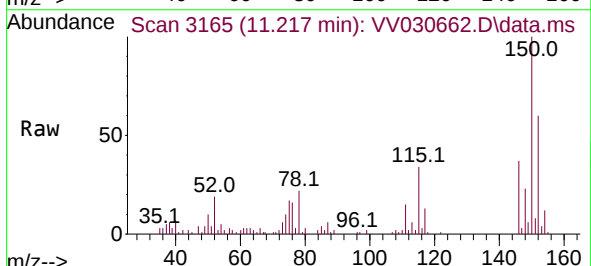
Tgt Ion:146 Resp: 8400

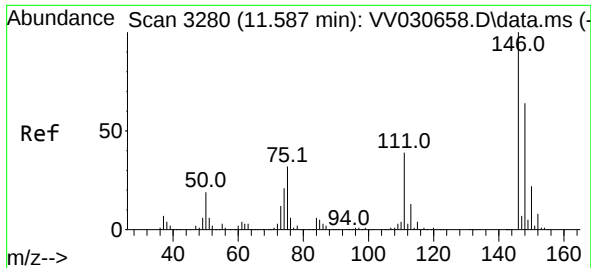
Ion Ratio Lower Upper

146 100

111 41.4 26.5 49.1

148 62.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 1.933 ug/L

RT: 11.586 min Scan# 31

Delta R.T. -0.000 min

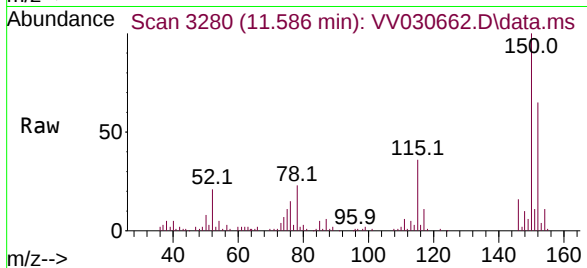
Lab File: VV030662.D

Acq: 19 Apr 2023 14:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:146 Resp: 6257

Ion Ratio Lower Upper

146 100

111 39.8 32.0 48.0

148 63.5 50.6 76.0

