

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030674.D
 Acq On : 19 Apr 2023 18:53
 Operator : SY/MD
 Sample : 02334-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 01:31:04 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)

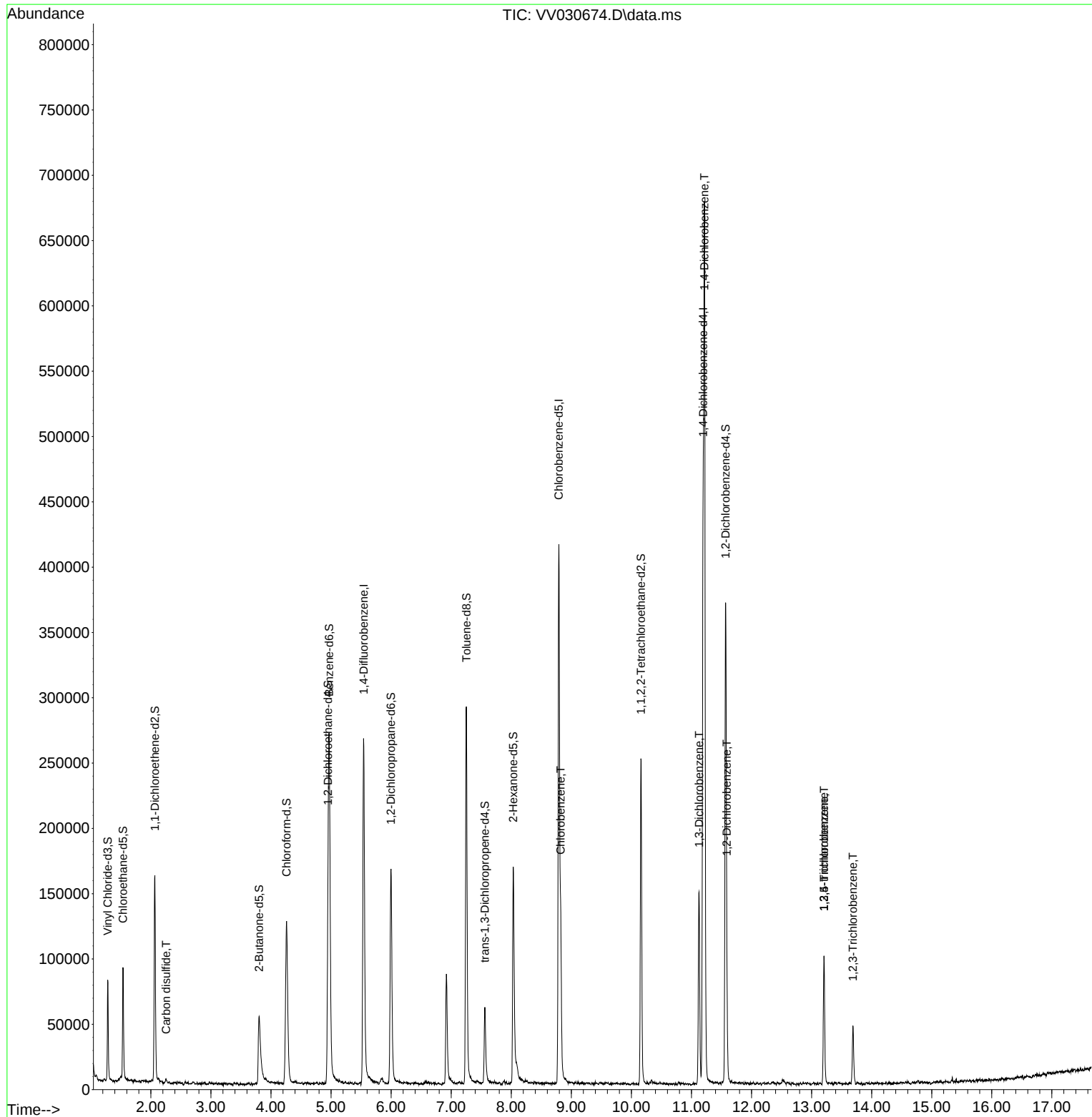
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	220825	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	213911	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	107611	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	50447	31.163	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.320%
7) Chloroethane-d5	1.535	69	50208	37.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.020%
11) 1,1-Dichloroethene-d2	2.066	65	26906	35.048	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.100%
21) 2-Butanone-d5	3.802	46	90660	101.962	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.960%
24) Chloroform-d	4.259	84	128346	43.749	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.500%
26) 1,2-Dichloroethane-d4	4.950	65	87324	46.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.600%
32) Benzene-d6	4.969	84	219764	43.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.900%
36) 1,2-Dichloropropane-d6	5.998	67	73753	46.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.900%
41) Toluene-d8	7.252	98	189164	39.837	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.680%#
43) trans-1,3-Dichloroprop...	7.561	79	34556	43.642	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.280%
47) 2-Hexanone-d5	8.034	63	57684	93.209	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.210%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	107202	47.027	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.060%
66) 1,2-Dichlorobenzene-d4	11.570	152	90271	52.777	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.560%
Target Compounds						Qvalue
14) Carbon disulfide	2.252	76	4964	1.137	ug/L	99
51) Chlorobenzene	8.821	112	62586	13.582	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	60092	17.884	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	246734	69.638	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	20705	6.108	ug/L	99
69) 1,3,5-Trichlorobenzene	13.207	180	29871	11.769	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	29871	13.861	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	12603	5.898	ug/L	99

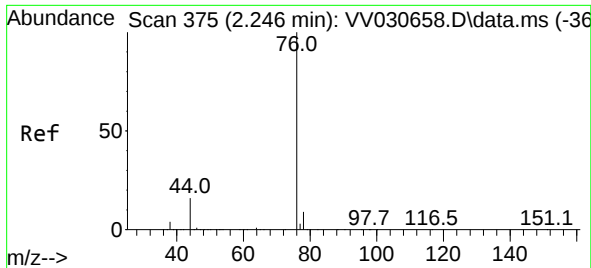
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041923\
Data File : VV030674.D
Acq On : 19 Apr 2023 18:53
Operator : SY/MD
Sample : 02334-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 20 01:31:04 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

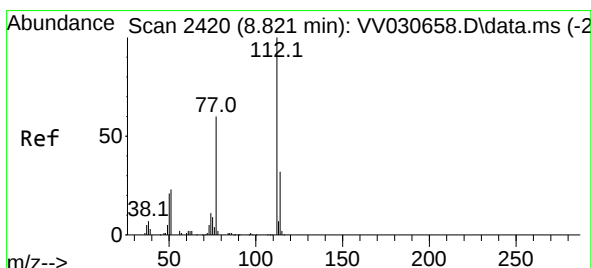
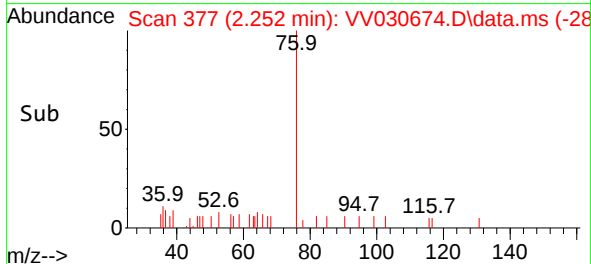
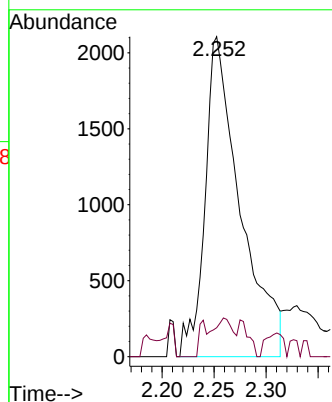
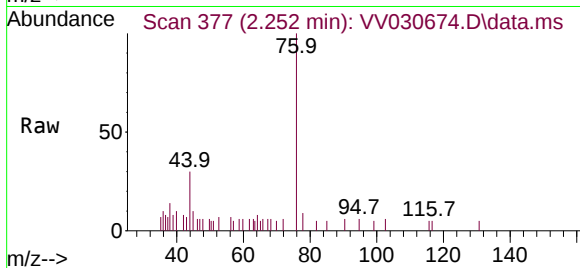




#14
Carbon disulfide
Concen: 1.137 ug/L
RT: 2.252 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV030674.D
Acq: 19 Apr 2023 18:53

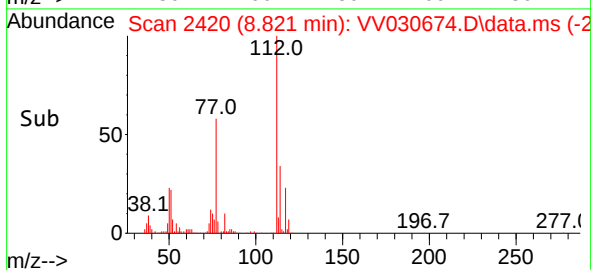
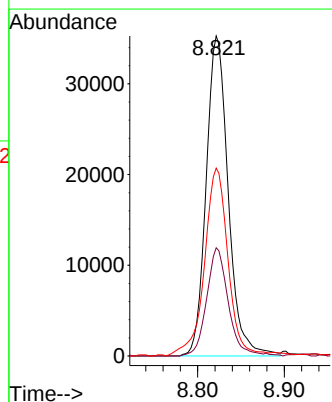
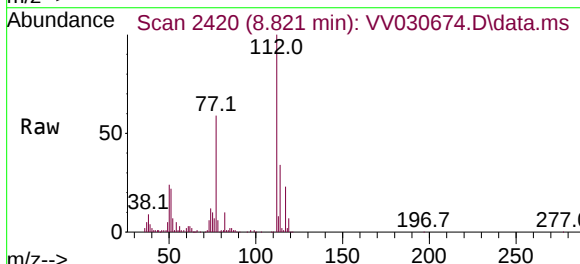
Instrument :
MSVOA_V
ClientSampleId :

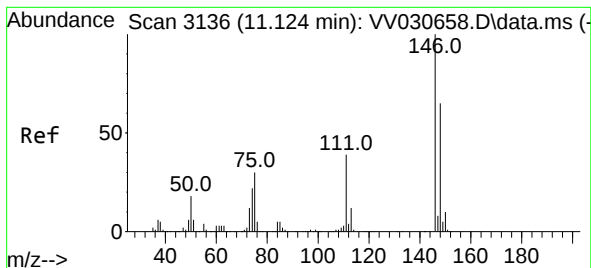
Tgt Ion: 76 Resp: 4964
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#51
Chlorobenzene
Concen: 13.582 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030674.D
Acq: 19 Apr 2023 18:53

Tgt Ion:112 Resp: 62586
Ion Ratio Lower Upper
112 100
114 33.8 22.4 41.6
77 58.7 47.4 71.0





#64

1,3-Dichlorobenzene

Concen: 17.884 ug/L

RT: 11.127 min Scan# 3136

Delta R.T. 0.003 min

Lab File: VV030674.D

Acq: 19 Apr 2023 18:53

Instrument :

MSVOA_V

ClientSampleId :

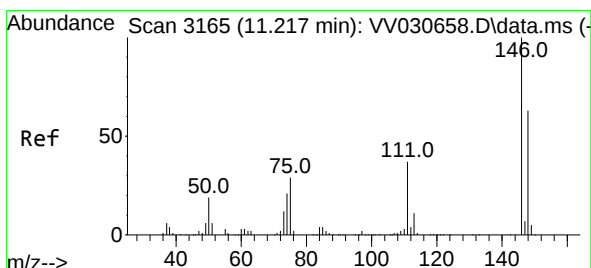
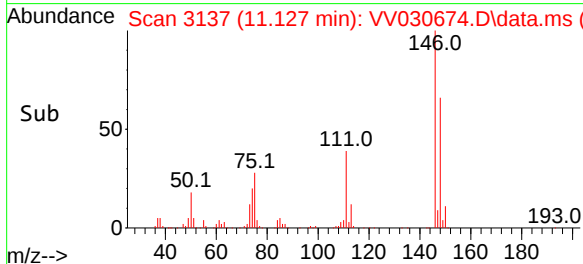
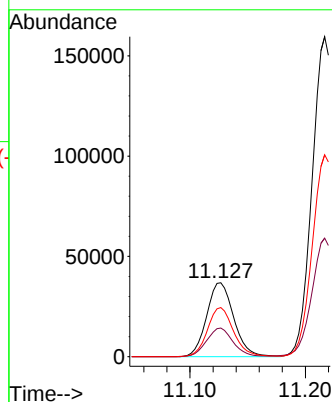
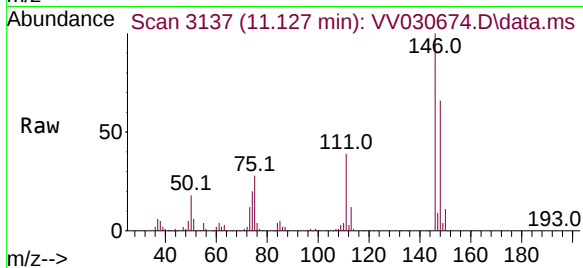
Tgt Ion:146 Resp: 60092

Ion Ratio Lower Upper

146 100

111 38.7 27.0 50.2

148 66.3 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 69.638 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. -0.000 min

Lab File: VV030674.D

Acq: 19 Apr 2023 18:53

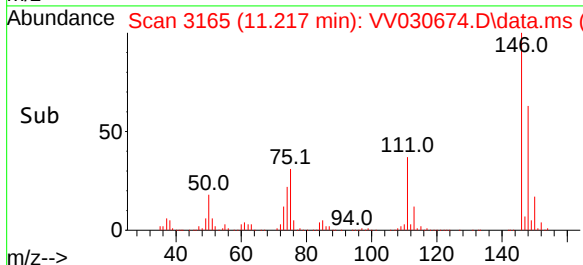
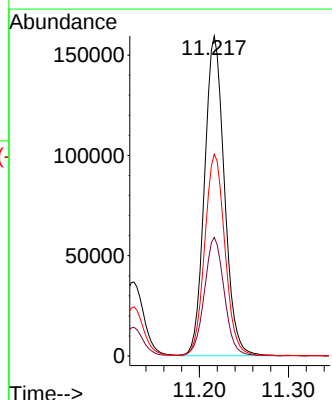
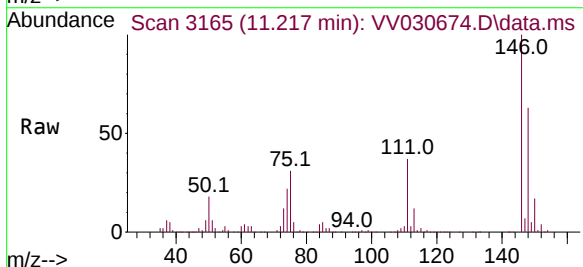
Tgt Ion:146 Resp: 246734

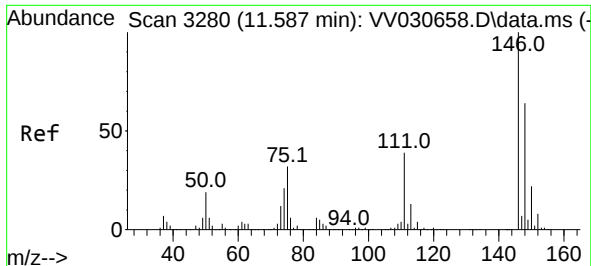
Ion Ratio Lower Upper

146 100

111 37.1 26.5 49.1

148 63.1 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 6.108 ug/L

RT: 11.586 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030674.D

Acq: 19 Apr 2023 18:53

Instrument :

MSVOA_V

ClientSampleId :

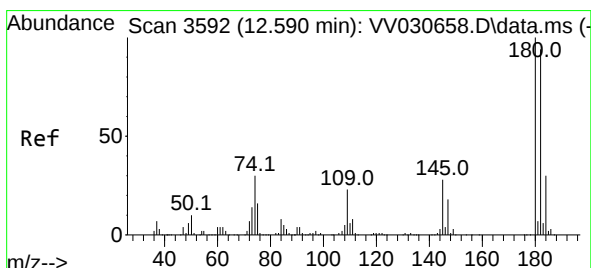
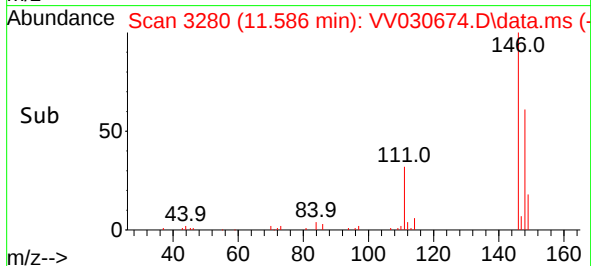
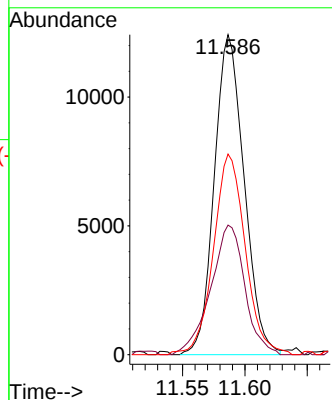
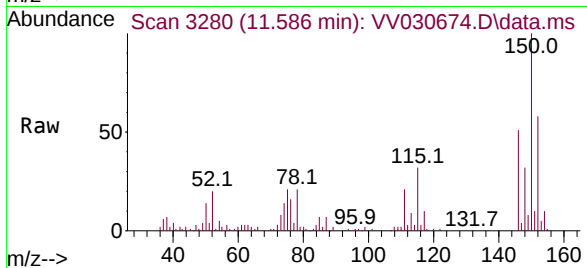
Tgt Ion:146 Resp: 20705

Ion Ratio Lower Upper

146 100

111 40.5 32.0 48.0

148 62.7 50.6 76.0



#69

1,3,5-Trichlorobenzene

Concen: 11.769 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.617 min

Lab File: VV030674.D

Acq: 19 Apr 2023 18:53

Tgt Ion:180 Resp: 29871

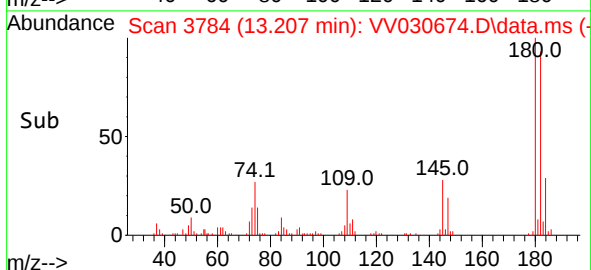
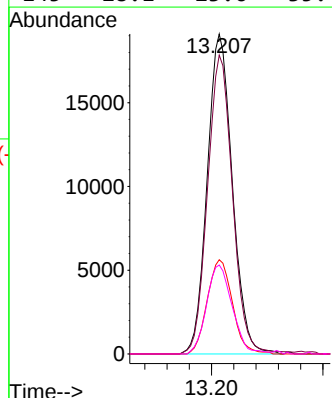
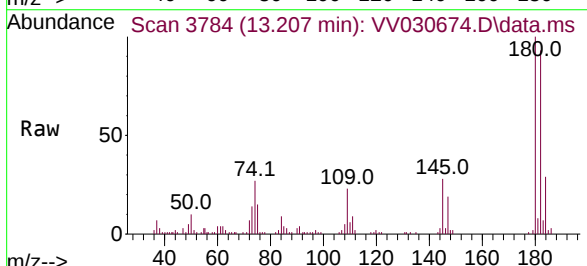
Ion Ratio Lower Upper

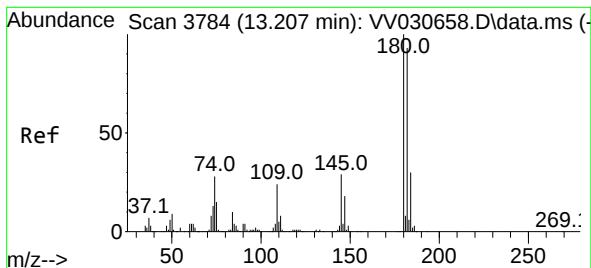
180 100

182 92.7 76.4 114.6

184 29.5 24.1 36.1

145 28.1 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 13.861 ug/L

RT: 13.207 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030674.D

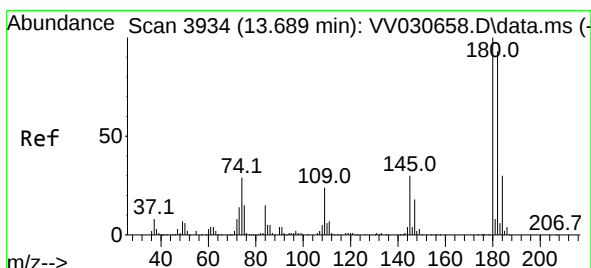
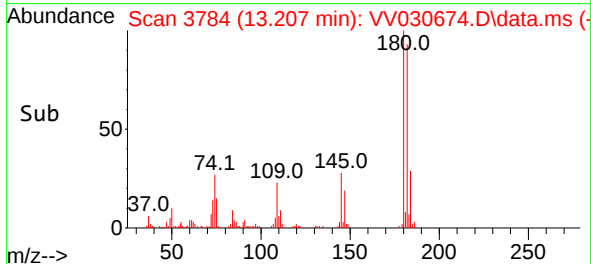
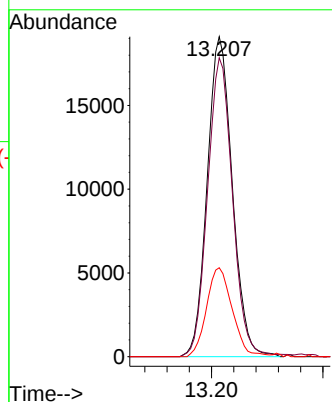
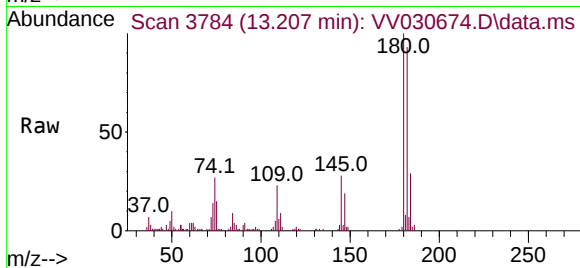
Acq: 19 Apr 2023 18:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180	Resp:	29871
Ion Ratio	Lower	Upper
180	100	
182	92.7	75.9 113.9
145	28.1	23.4 35.2



#72

1,2,3-Trichlorobenzene

Concen: 5.898 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

Lab File: VV030674.D

Acq: 19 Apr 2023 18:53

Tgt Ion:180	Resp:	12603
Ion Ratio	Lower	Upper
180	100	
182	94.2	76.2 114.4
145	31.3	25.1 37.7

