

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
 Data File : VW030767.D
 Acq On : 21 Apr 2023 16:09
 Operator : SY/MD
 Sample : 02398-08 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMN9

Quant Time: Apr 22 00:46:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

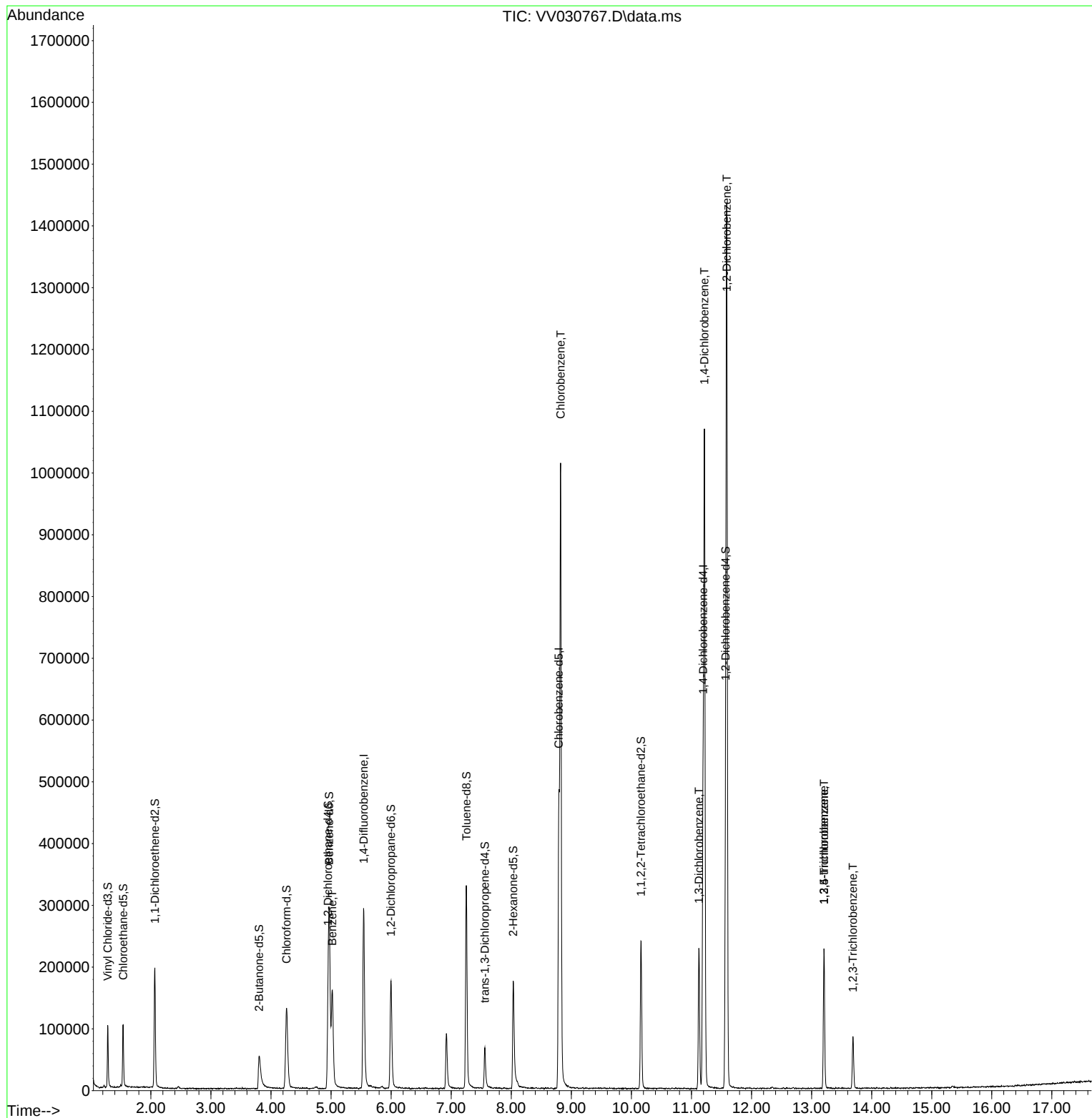
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	237411	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	233019	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	122638	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	65649	37.720	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.440%
7) Chloroethane-d5	1.539	69	59377	40.712	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.420%
11) 1,1-Dichloroethene-d2	2.066	65	32572	39.464	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.920%
21) 2-Butanone-d5	3.802	46	92582	96.850	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.850%
24) Chloroform-d	4.259	84	132219	41.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.840%
26) 1,2-Dichloroethane-d4	4.950	65	92090	45.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.820%
32) Benzene-d6	4.969	84	242432	44.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	5.998	67	73458	42.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.860%
41) Toluene-d8	7.252	98	214119	41.395	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.780%
43) trans-1,3-Dichloroprop...	7.561	79	34082	39.514	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.020%
47) 2-Hexanone-d5	8.034	63	59649	88.480	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.480%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	106015	42.693	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.380%
66) 1,2-Dichlorobenzene-d4	11.567	152	94697	48.580	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.160%
Target Compounds						
					Qvalue	
33) Benzene	5.021	78	154305	21.807	ug/L	100
51) Chlorobenzene	8.821	112	492899	98.196	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	88016	22.985	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	395585	97.968	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	509926	132.002	ug/L	99
69) 1,3,5-Trichlorobenzene	13.207	180	65970	22.806	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	65970	26.861	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	24668	10.129	ug/L	96

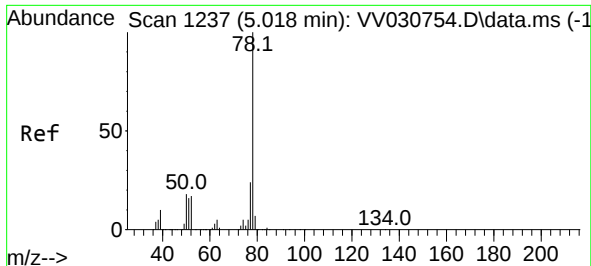
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042123\
Data File : VV030767.D
Acq On : 21 Apr 2023 16:09
Operator : SY/MD
Sample : 02398-08 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMN9

Quant Time: Apr 22 00:46:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 22 00:43:23 2023
Response via : Initial Calibration

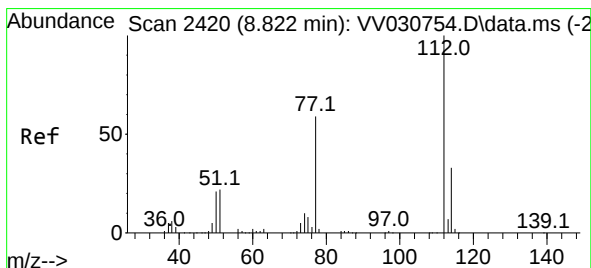
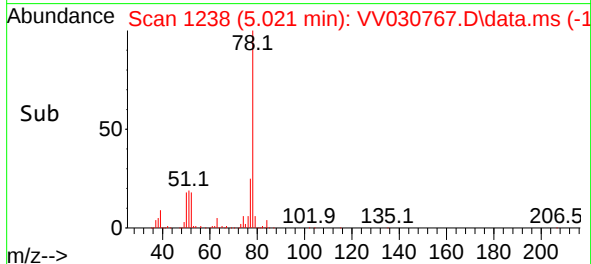
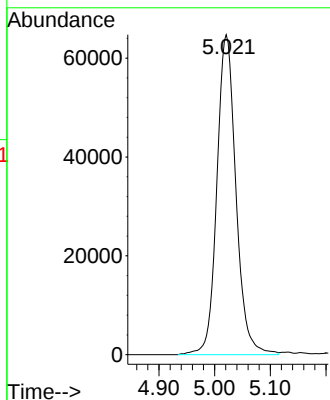
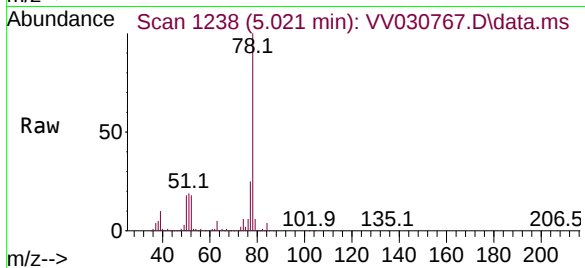




#33
Benzene
Concen: 21.807 ug/L
RT: 5.021 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV030767.D
Acq: 21 Apr 2023 16:09

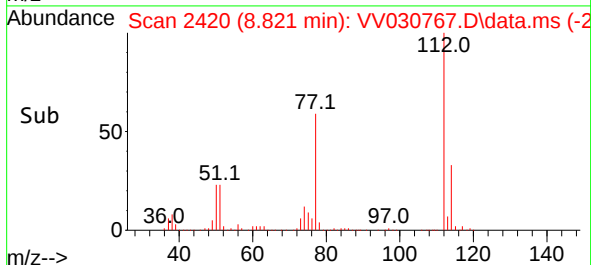
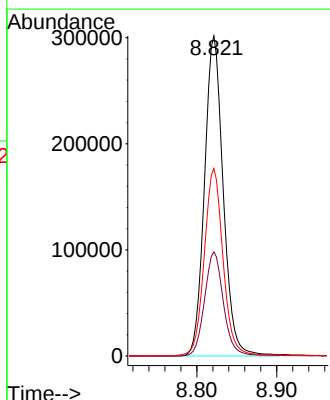
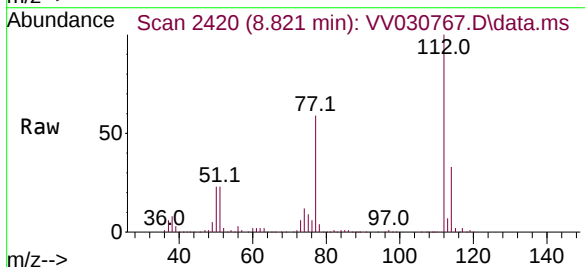
Instrument :
MSVOA_V
ClientSampleId :
COMN9

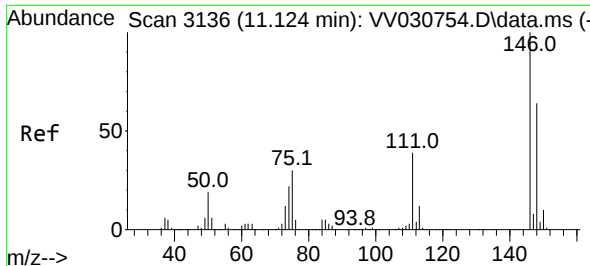
Tgt Ion: 78 Resp: 154305



#51
Chlorobenzene
Concen: 98.196 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030767.D
Acq: 21 Apr 2023 16:09

Tgt Ion: 112 Resp: 492899
Ion Ratio Lower Upper
112 100
114 32.6 22.4 41.6
77 58.6 47.4 71.0

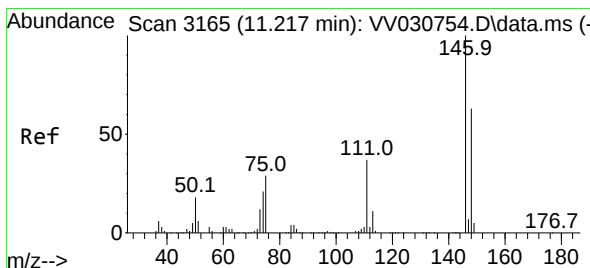
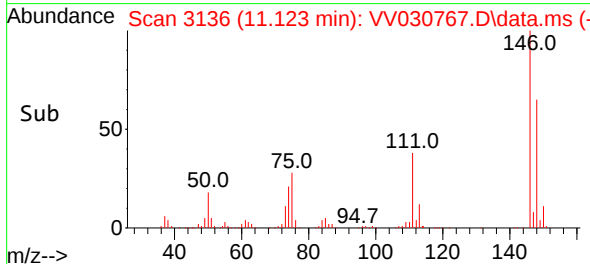
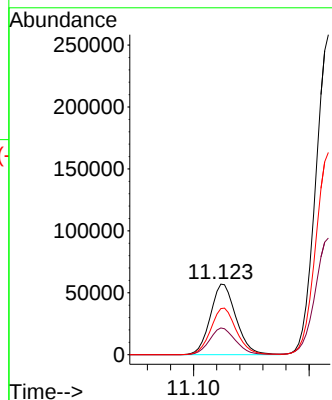
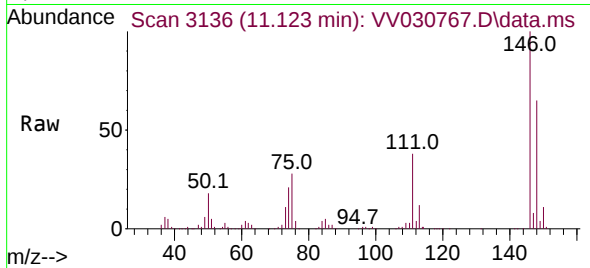




#64
 1,3-Dichlorobenzene
 Concen: 22.985 ug/L
 RT: 11.123 min Scan# 3136
 Delta R.T. -0.000 min
 Lab File: VV030767.D
 Acq: 21 Apr 2023 16:09

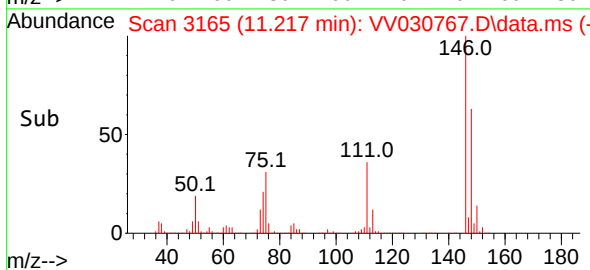
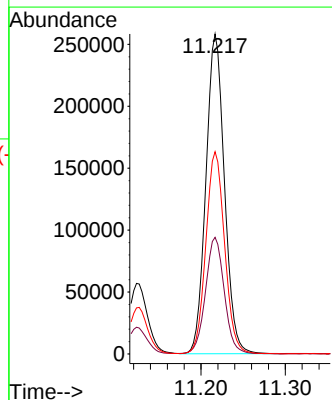
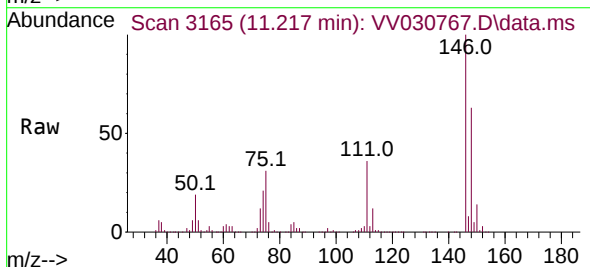
Instrument :
 MSVOA_V
 ClientSampleId :
 COMN9

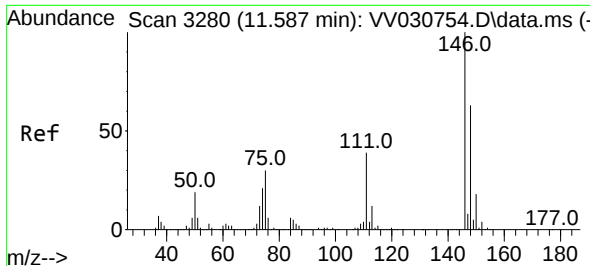
Tgt Ion:146 Resp: 88016
 Ion Ratio Lower Upper
 146 100
 111 38.0 27.0 50.2
 148 65.3 44.8 83.2



#65
 1,4-Dichlorobenzene
 Concen: 97.968 ug/L
 RT: 11.217 min Scan# 3165
 Delta R.T. -0.000 min
 Lab File: VV030767.D
 Acq: 21 Apr 2023 16:09

Tgt Ion:146 Resp: 395585
 Ion Ratio Lower Upper
 146 100
 111 36.4 26.5 49.1
 148 63.2 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 132.002 ug/L

RT: 11.586 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030767.D

Acq: 21 Apr 2023 16:09

Instrument :

MSVOA_V

ClientSampleId :

COMN9

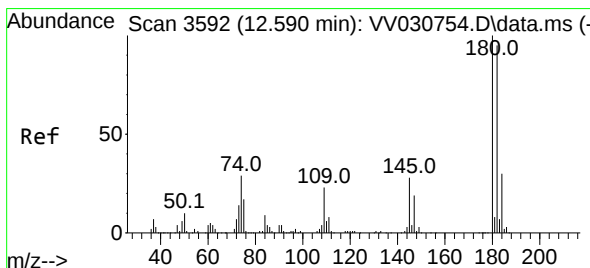
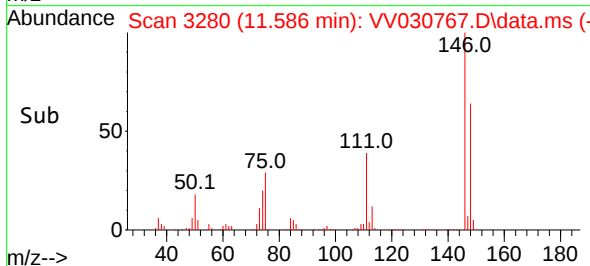
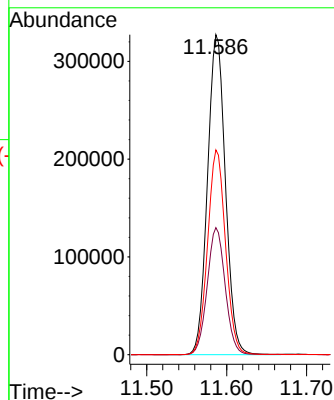
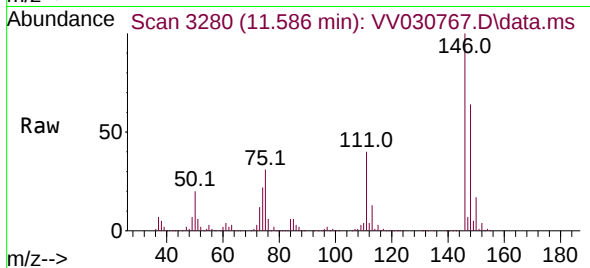
Tgt Ion:146 Resp: 509926

Ion Ratio Lower Upper

146 100

111 39.7 32.0 48.0

148 64.0 50.6 76.0



#69

1,3,5-Trichlorobenzene

Concen: 22.806 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.617 min

Lab File: VV030767.D

Acq: 21 Apr 2023 16:09

Tgt Ion:180 Resp: 65970

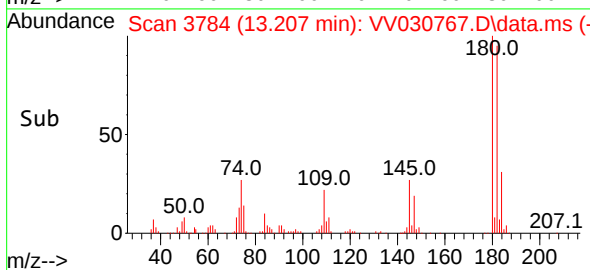
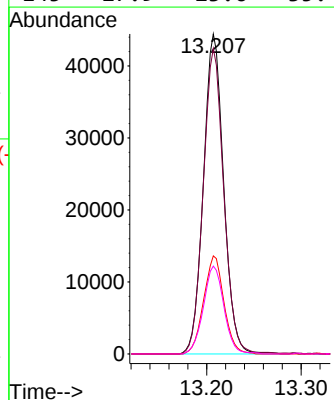
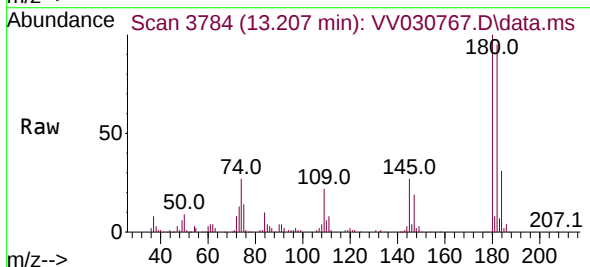
Ion Ratio Lower Upper

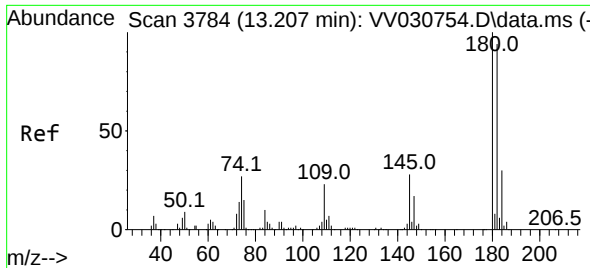
180 100

182 96.4 76.4 114.6

184 30.8 24.1 36.1

145 27.9 23.6 35.4

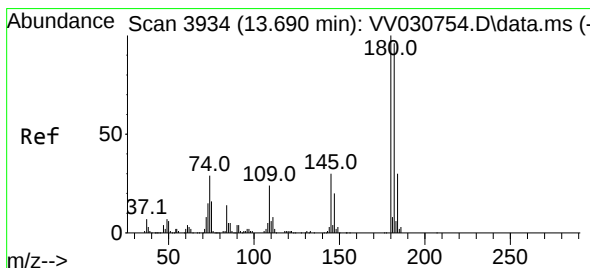
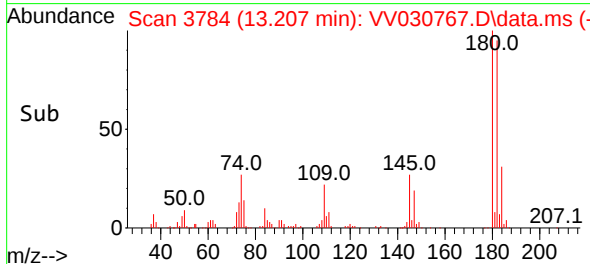
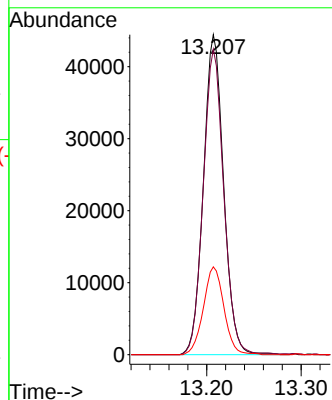
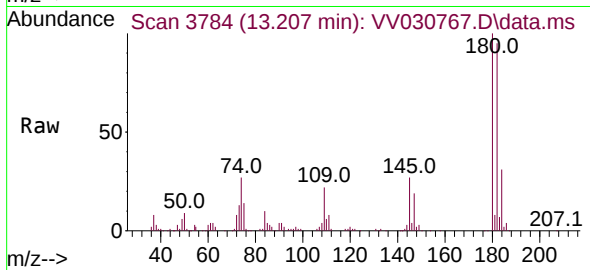




#70
1,2,4-trichlorobenzene
Concen: 26.861 ug/L
RT: 13.207 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030767.D
Acq: 21 Apr 2023 16:09

Instrument :
MSVOA_V
ClientSampleId :
COMN9

Tgt Ion:180 Resp: 65970
Ion Ratio Lower Upper
180 100
182 96.4 75.9 113.9
145 27.9 23.4 35.2



#72
1,2,3-Trichlorobenzene
Concen: 10.129 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030767.D
Acq: 21 Apr 2023 16:09

Tgt Ion:180 Resp: 24668
Ion Ratio Lower Upper
180 100
182 100.7 76.2 114.4
145 30.6 25.1 37.7

