

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041823\
 Data File : VW030649.D
 Acq On : 19 Apr 2023 04:14
 Operator : SY/MD
 Sample : 02398-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMN4

Quant Time: Apr 19 05:21:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

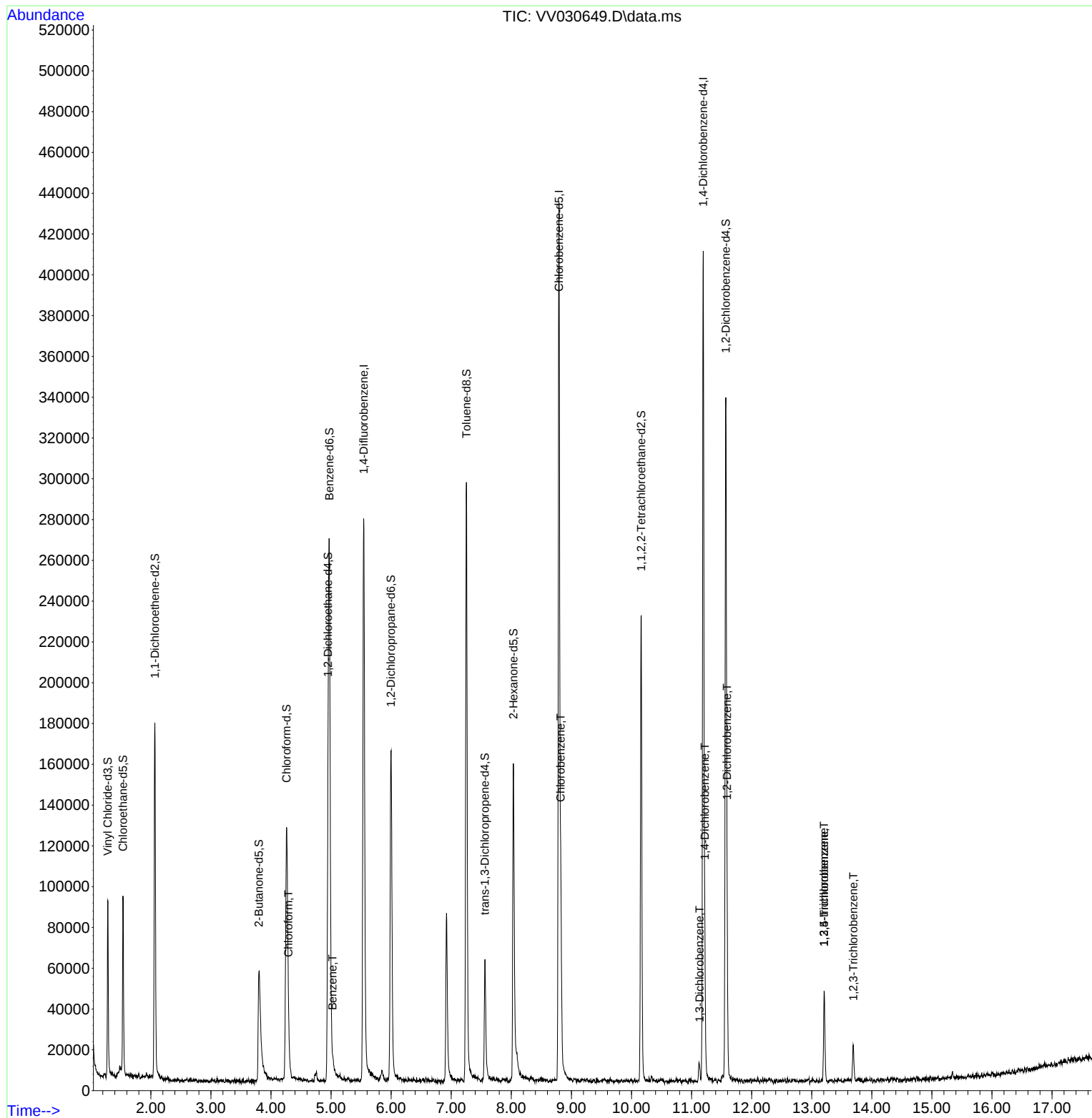
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	231883	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	224087	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	104618	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	58189	34.231	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.460%		
7) Chloroethane-d5	1.535	69	52933	37.159	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.320%		
11) 1,1-Dichloroethene-d2	2.066	65	30232	37.502	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.000%		
21) 2-Butanone-d5	3.799	46	85815	91.911	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.910%		
24) Chloroform-d	4.259	84	126483	41.058	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.120%		
26) 1,2-Dichloroethane-d4	4.950	65	88200	44.533	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.060%		
32) Benzene-d6	4.969	84	219598	41.449	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.900%		
36) 1,2-Dichloropropane-d6	5.995	67	73298	44.539	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.080%		
41) Toluene-d8	7.252	98	191473	38.492	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.980%#		
43) trans-1,3-Dichloroprop...	7.561	79	32961	39.737	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.480%		
47) 2-Hexanone-d5	8.034	63	51518	79.465	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.470%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	102003	42.715	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.420%		
66) 1,2-Dichlorobenzene-d4	11.570	152	79717	47.940	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.880%		
Target Compounds					Qvalue	
25) Chloroform	4.291	83	11985	3.465	ug/L	97
33) Benzene	5.024	78	6255	0.919	ug/L	100
51) Chlorobenzene	8.821	112	48219	9.989	ug/L	99
64) 1,3-Dichlorobenzene	11.133	146	3397	1.040	ug/L	97
65) 1,4-Dichlorobenzene	11.220	146	24821	7.206	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	25157	7.634	ug/L	96
69) 1,3,5-Trichlorobenzene	13.207	180	12569	5.094	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	12569	5.999	ug/L	97
72) 1,2,3-Trichlorobenzene	13.692	180	4951	2.383	ug/L	97

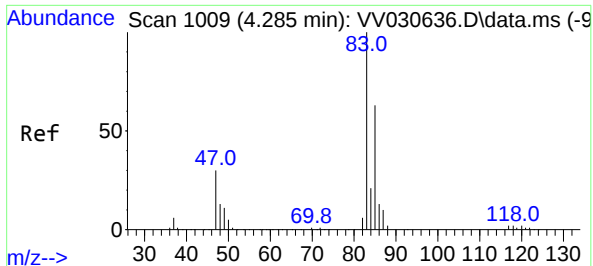
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 18 02:45:56 2023
Response via : Initial Calibration





#25

Chloroform

Concen: 3.465 ug/L

RT: 4.291 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV030649.D

Acq: 19 Apr 2023 04:14

Instrument :

MSVOA_V

ClientSampleId :

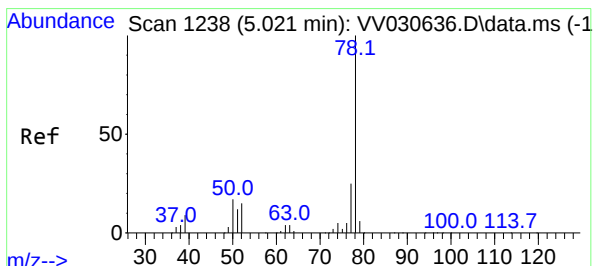
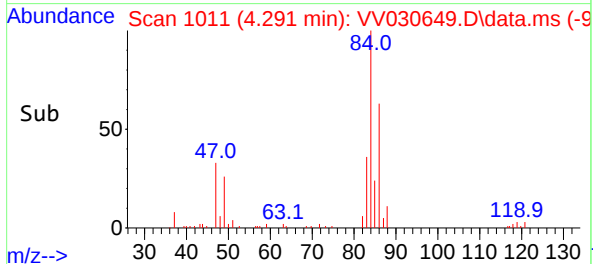
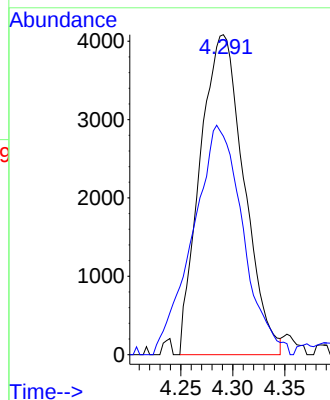
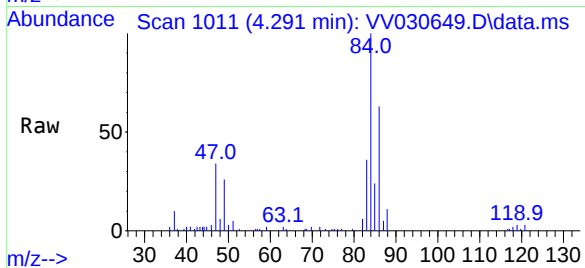
COMN4

Tgt Ion: 83 Resp: 11985

Ion Ratio Lower Upper

83 100

85 68.2 45.8 85.2



#33

Benzene

Concen: 0.919 ug/L

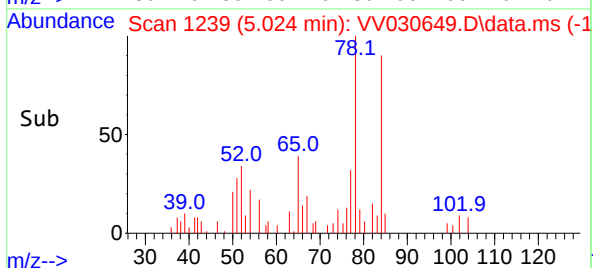
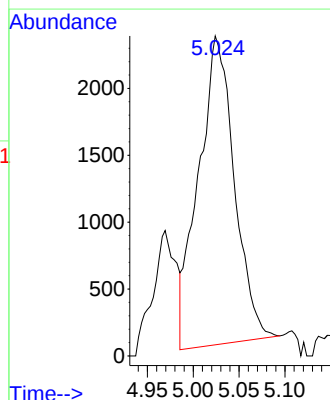
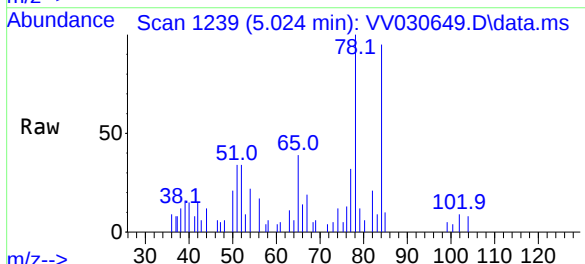
RT: 5.024 min Scan# 1239

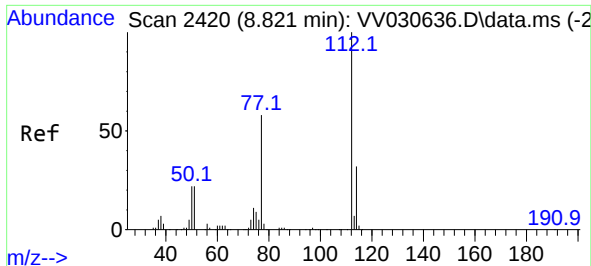
Delta R.T. 0.006 min

Lab File: VV030649.D

Acq: 19 Apr 2023 04:14

Tgt Ion: 78 Resp: 6255





#51

Chlorobenzene

Concen: 9.989 ug/L

RT: 8.821 min Scan# 24

Delta R.T. -0.000 min

Lab File: VV030649.D

Acq: 19 Apr 2023 04:14

Instrument :

MSVOA_V

ClientSampleId :

COMN4

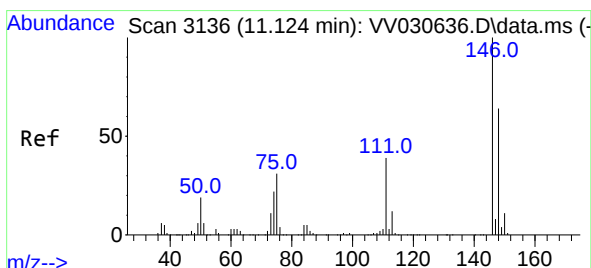
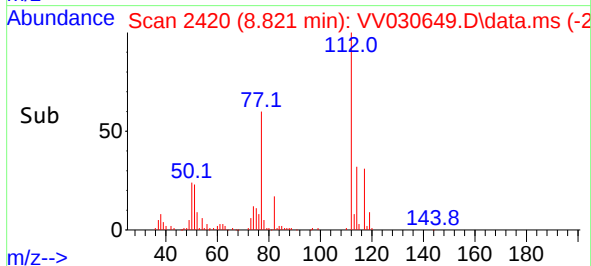
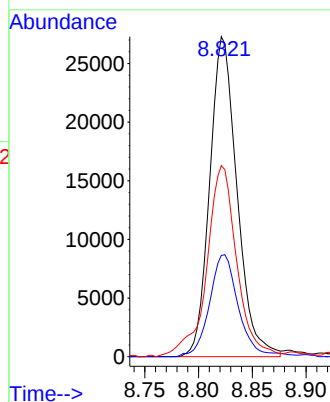
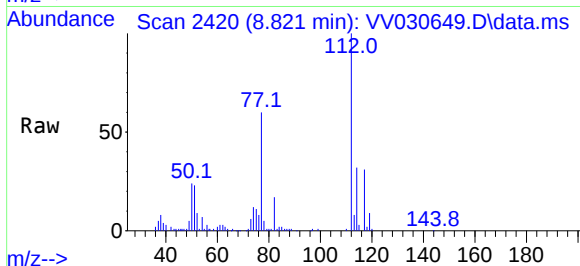
Tgt Ion:112 Resp: 48219

Ion Ratio Lower Upper

112 100

114 31.7 22.4 41.6

77 59.7 47.4 71.0



#64

1,3-Dichlorobenzene

Concen: 1.040 ug/L

RT: 11.133 min Scan# 3139

Delta R.T. 0.009 min

Lab File: VV030649.D

Acq: 19 Apr 2023 04:14

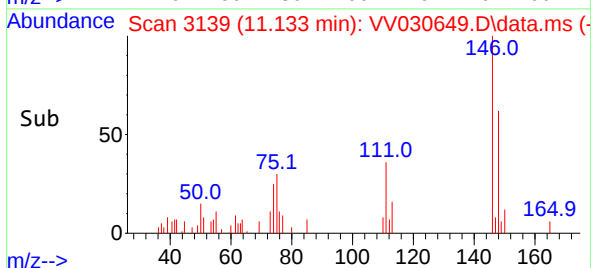
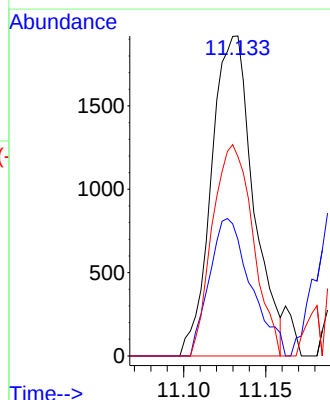
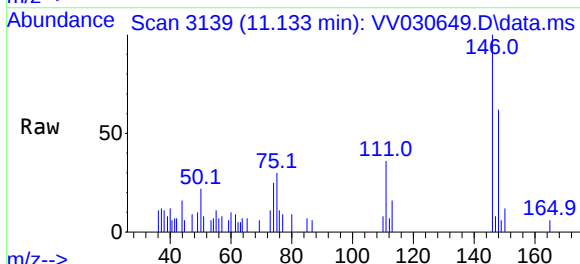
Tgt Ion:146 Resp: 3397

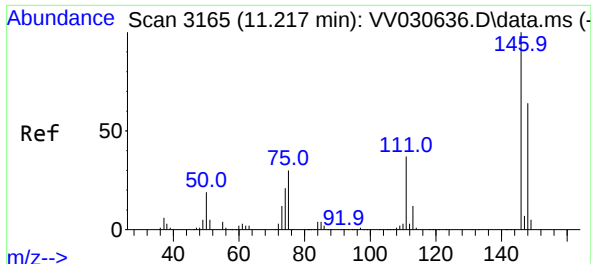
Ion Ratio Lower Upper

146 100

111 36.4 27.0 50.2

148 62.2 44.8 83.2

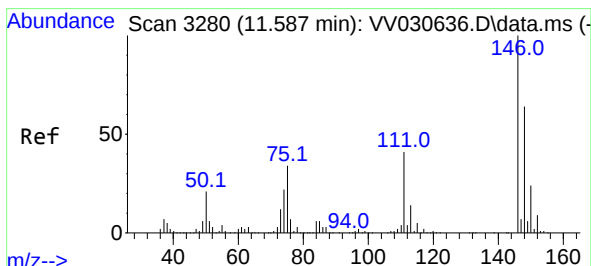
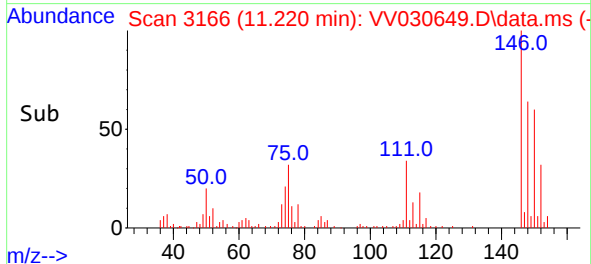
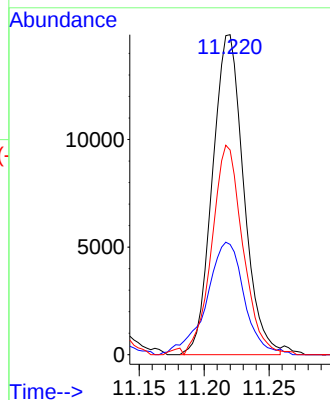
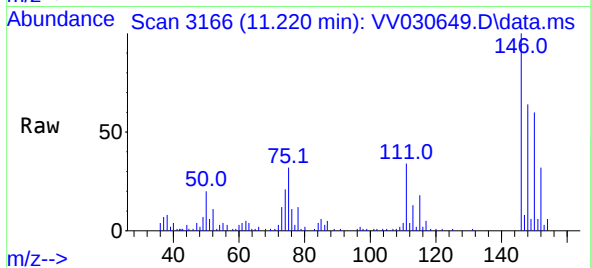




#65
1,4-Dichlorobenzene
Concen: 7.206 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030649.D
Acq: 19 Apr 2023 04:14

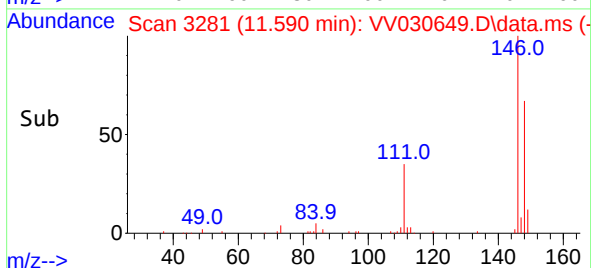
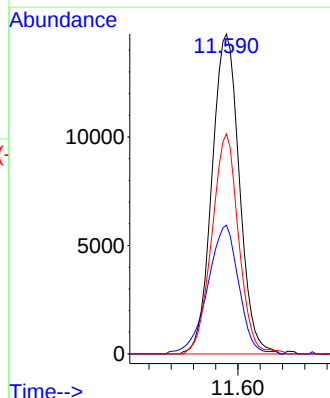
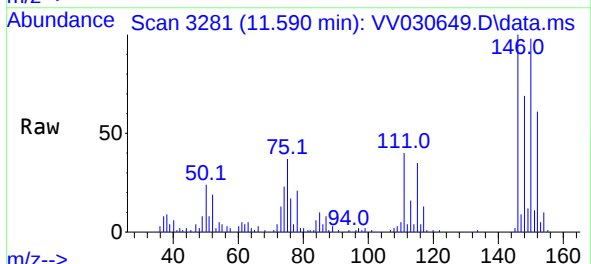
Instrument :
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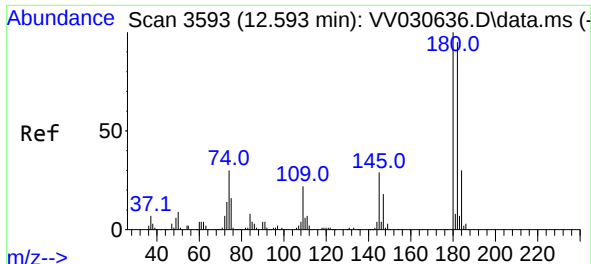
Tgt Ion:146	Resp:	24821
Ion	Ratio	Lower Upper
146	100	
111	34.5	26.5 49.1
148	64.0	44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 7.634 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. 0.003 min
Lab File: VV030649.D
Acq: 19 Apr 2023 04:14

Tgt Ion:146	Resp:	25157
Ion	Ratio	Lower Upper
146	100	
111	40.3	32.0 48.0
148	68.8	50.6 76.0

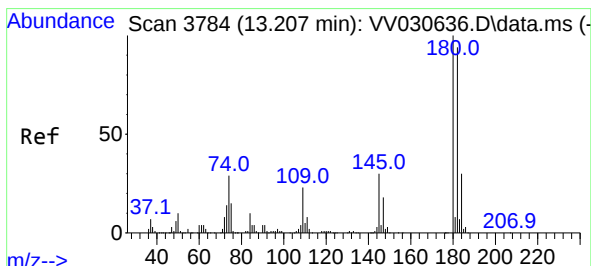
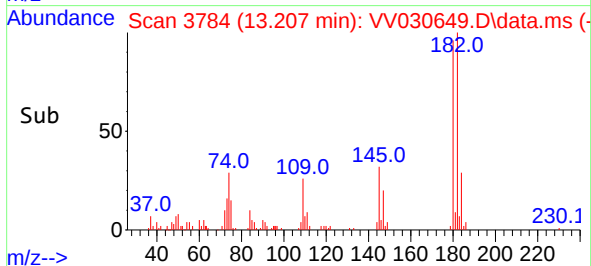
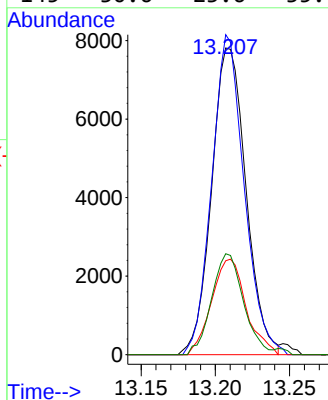
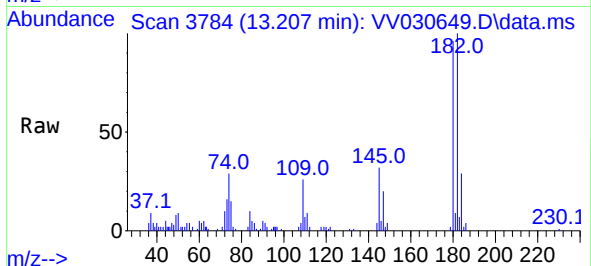




#69
 1,3,5-Trichlorobenzene
 Concen: 5.094 ug/L
 RT: 13.207 min Scan# 31
 Delta R.T. 0.614 min
 Lab File: VV030649.D
 Acq: 19 Apr 2023 04:14

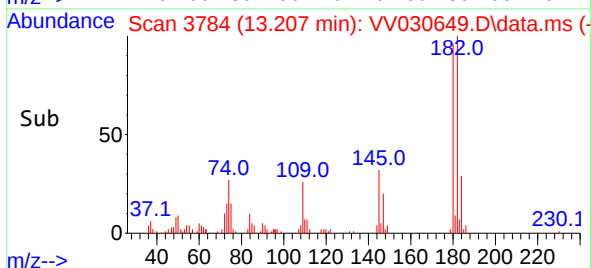
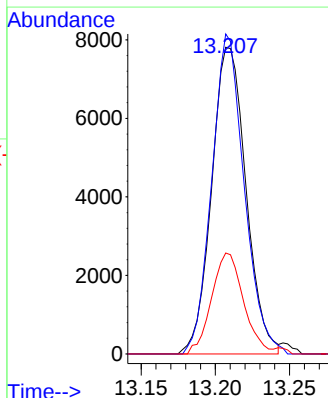
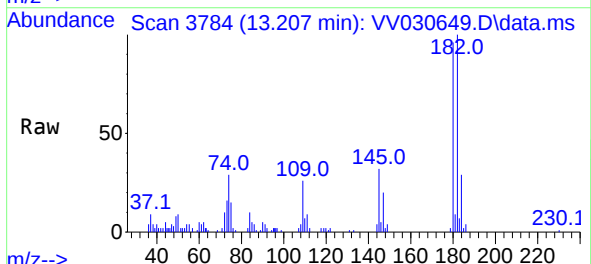
Instrument :
 MSVOA_V
 ClientSampleId :
 COMN4

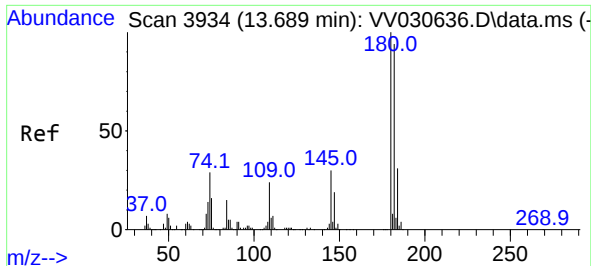
Tgt Ion:180	Resp:	12569
Ion Ratio	Lower	Upper
180	100	
182	98.5	76.4 114.6
184	31.3	24.1 36.1
145	30.6	23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 5.999 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030649.D
 Acq: 19 Apr 2023 04:14

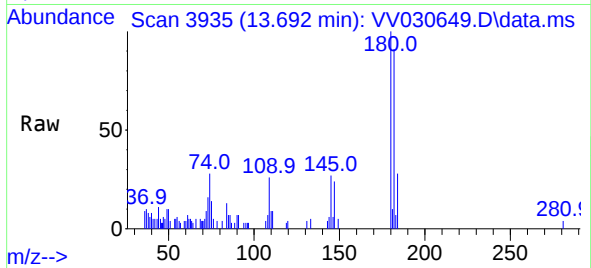
Tgt Ion:180	Resp:	12569
Ion Ratio	Lower	Upper
180	100	
182	98.5	75.9 113.9
145	30.6	23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 2.383 ug/L
 RT: 13.692 min Scan# 3935
 Delta R.T. 0.003 min
 Lab File: VV030649.D
 Acq: 19 Apr 2023 04:14

Instrument :
 MSVOA_V
 ClientSampleId :
 COMN4



Tgt Ion:	180	Resp:	4951
Ion	Ratio	Lower	Upper
180	100		
182	92.1	76.2	114.4
145	31.9	25.1	37.7

