

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011921\
 Data File : VW020064.D
 Acq On : 19 Jan 2021 20:58
 Operator : SY/MD
 Sample : M1173-05 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FY6

Quant Time: Jan 20 01:12:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 01:05:37 2021
 Response via : Initial Calibration

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

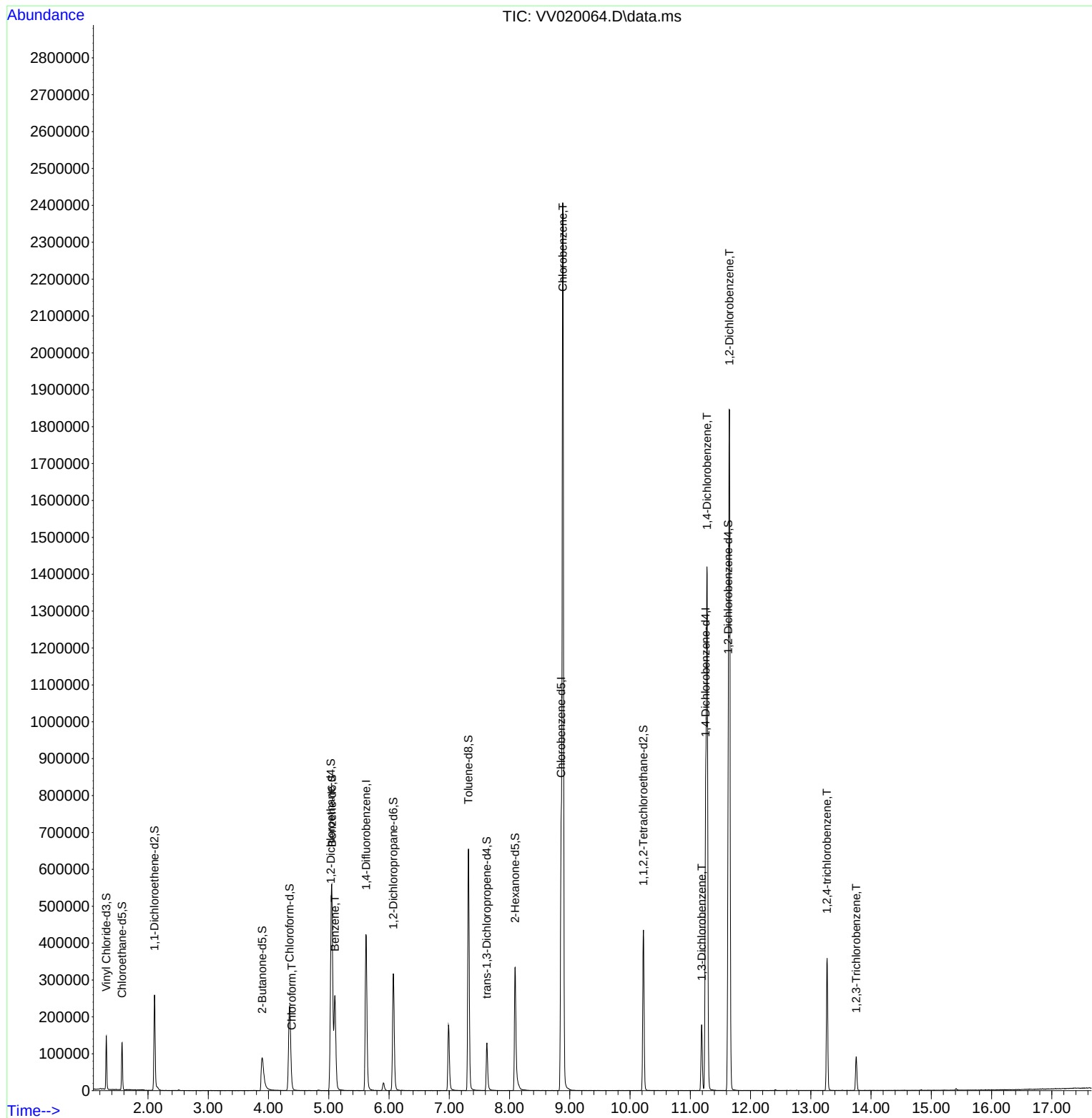
Internal Standards						
1) 1,4-Difluorobenzene	5.618	114	366588	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	359844	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	197821	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	90034	29.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	58.24%#		
7) Chloroethane-d5	1.569	69	79291	32.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	64.24%#		
11) 1,1-Dichloroethene-d2	2.106	63	136885	22.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	44.96%#		
21) 2-Butanone-d5	3.894	46	175670	87.58	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.58%		
24) Chloroform-d	4.351	84	242688	43.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.14%		
26) 1,2-Dichloroethane-d4	5.036	65	176097	46.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.00%		
32) Benzene-d6	5.052	84	465408	45.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.66%		
36) 1,2-Dichloropropane-d6	6.071	67	144807	45.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.34%		
41) Toluene-d8	7.318	98	419909	45.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.24%		
43) trans-1,3-Dichloroprop...	7.624	79	72656	44.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.32%		
47) 2-Hexanone-d5	8.090	63	114033	89.70	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.70%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	195880	45.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.40%		
64) 1,2-Dichlorobenzene-d4	11.630	152	196978	51.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.10%		
Target Compounds						Qvalue
25) Chloroform	4.383	83	5526	1.06	ug/L	94
33) Benzene	5.100	78	256560	24.56	ug/L	100
51) Chlorobenzene	8.884	112	1220281	165.62	ug/L	98
62) 1,3-Dichlorobenzene	11.190	146	72469	12.21	ug/L	97
63) 1,4-Dichlorobenzene	11.280	146	537448	88.23	ug/L	98
65) 1,2-Dichlorobenzene	11.649	146	670322	112.09	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	105355	26.73	ug/L	97
70) 1,2,3-Trichlorobenzene	13.755	180	27077	7.08	ug/L	97

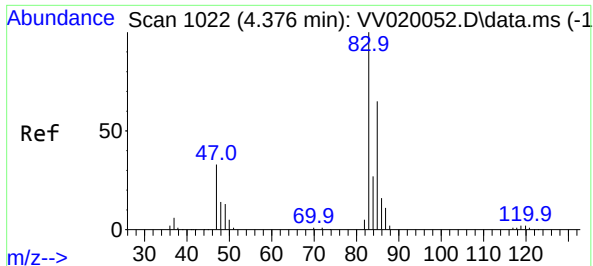
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 20 01:12:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 20 01:05:37 2021
Response via : Initial Calibration





#25

Chloroform

Concen: 1.06 ug/L

RT: 4.383 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VV020064.D

Acq: 19 Jan 2021 20:58

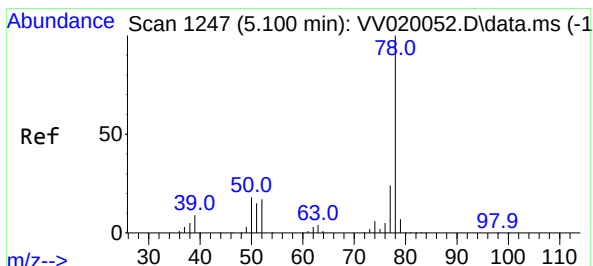
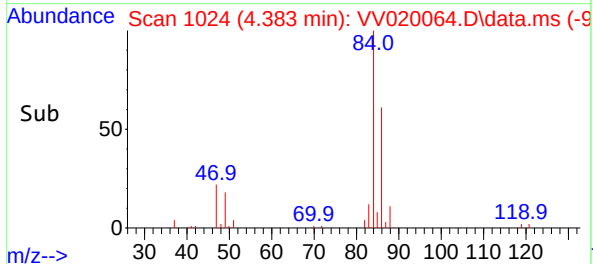
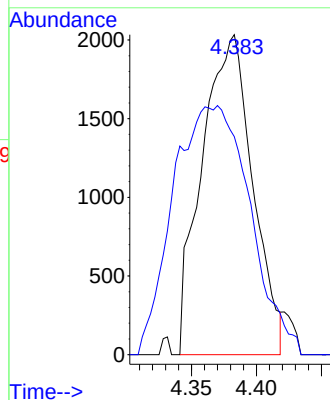
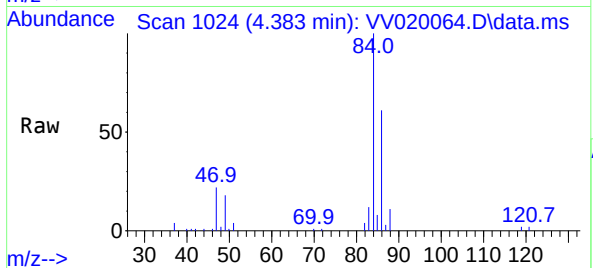
Instrument :
MSVOA_V
ClientSampled :
C0FY6

Tgt Ion: 83 Resp: 5526

Ion Ratio Lower Upper

83 100

85 68.1 44.2 82.2



#33

Benzene

Concen: 24.56 ug/L

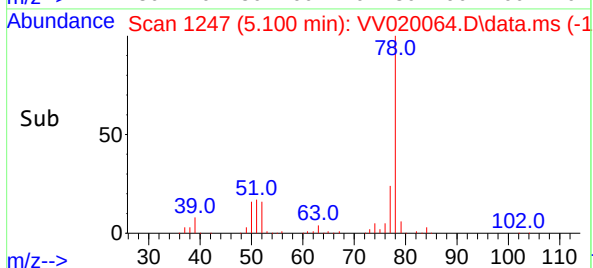
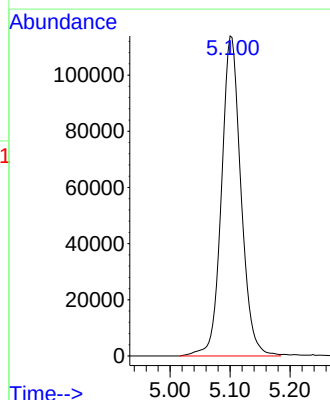
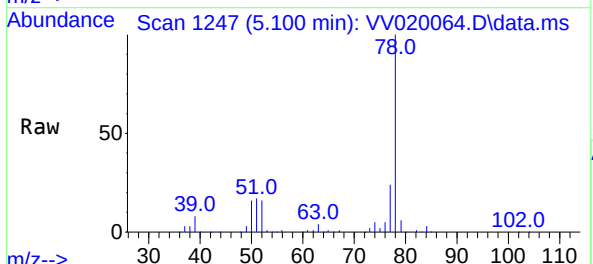
RT: 5.100 min Scan# 1247

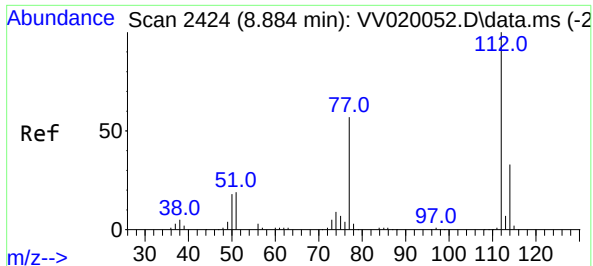
Delta R.T. -0.000 min

Lab File: VV020064.D

Acq: 19 Jan 2021 20:58

Tgt Ion: 78 Resp: 256560





#51

Chlorobenzene

Concen: 165.62 ug/L

RT: 8.884 min Scan# 2424

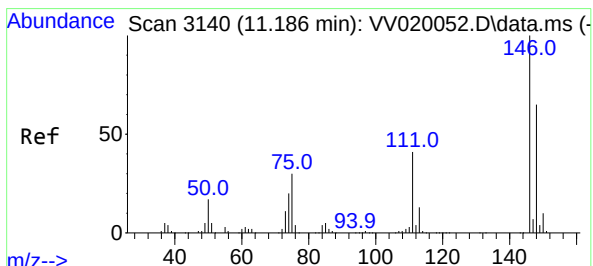
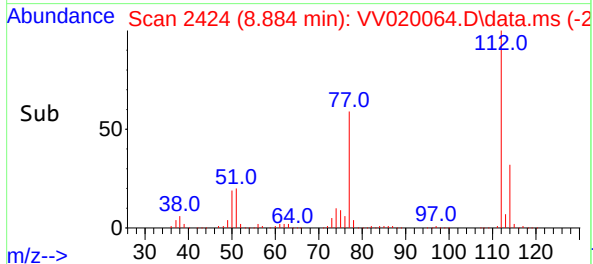
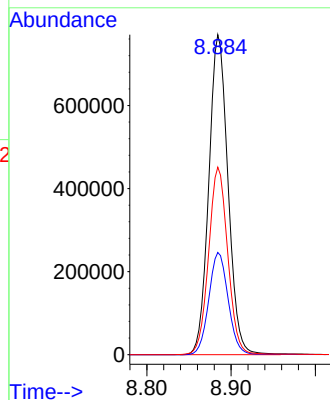
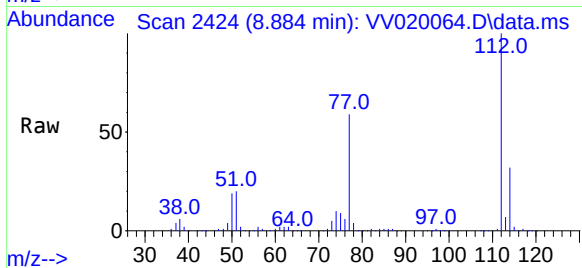
Delta R.T. -0.000 min

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Acq: 19 Jan 2021 20:58

Tgt Ion:112 Resp: 1220281

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.2	41.2
77	58.6	49.0	73.6



#62

1,3-Dichlorobenzene

Concen: 12.21 ug/L

RT: 11.190 min Scan# 3141

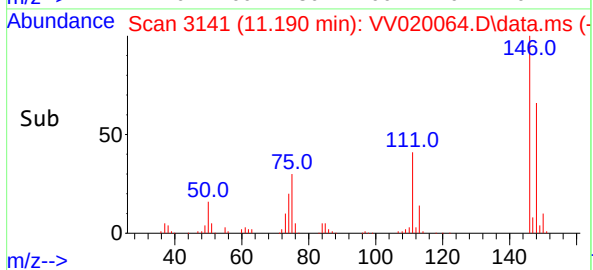
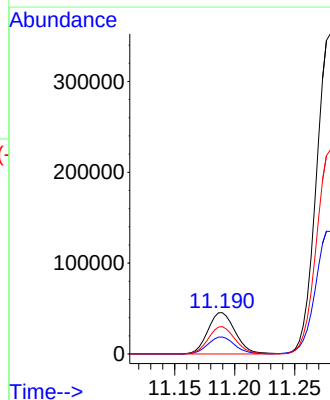
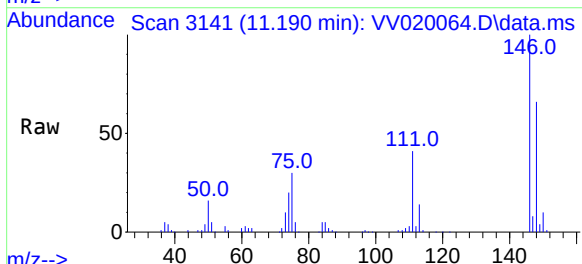
Delta R.T. 0.003 min

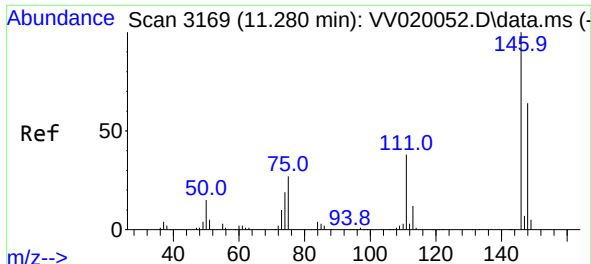
Lab File: VV020064.D

Acq: 19 Jan 2021 20:58

Tgt Ion:146 Resp: 72469

Ion	Ratio	Lower	Upper
146	100		
111	41.2	30.2	56.2
148	66.1	45.0	83.6

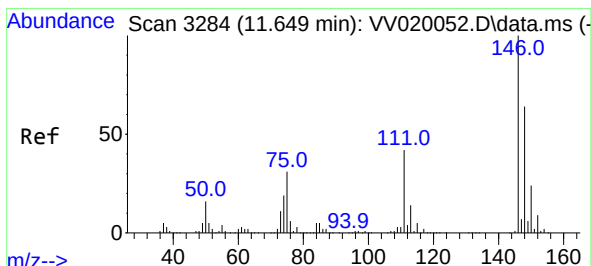
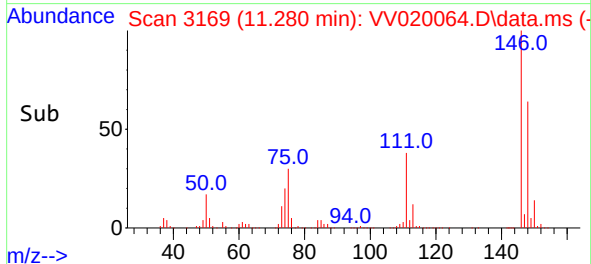
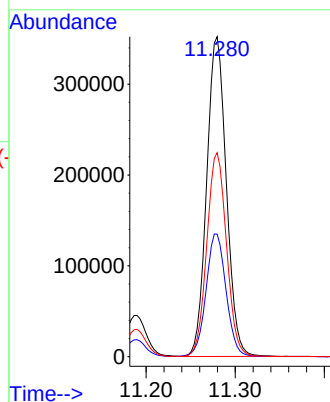
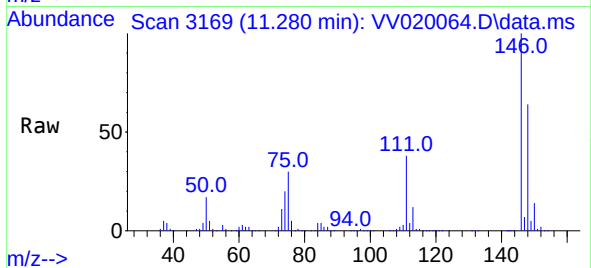




#63
1,4-Dichlorobenzene
Concen: 88.23 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. -0.000 min
Lab File: VV020064.D
Acq: 19 Jan 2021 20:58

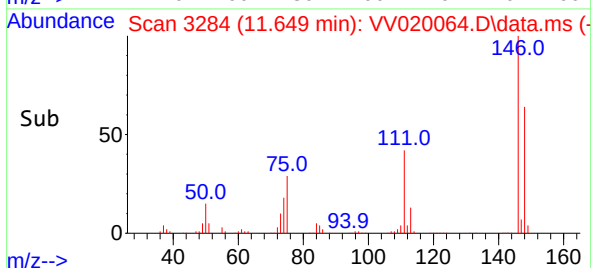
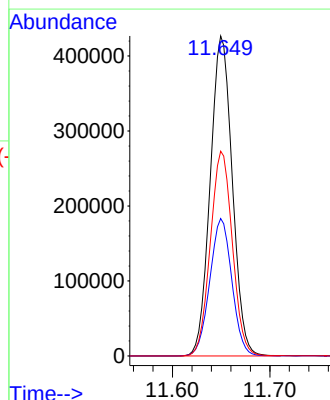
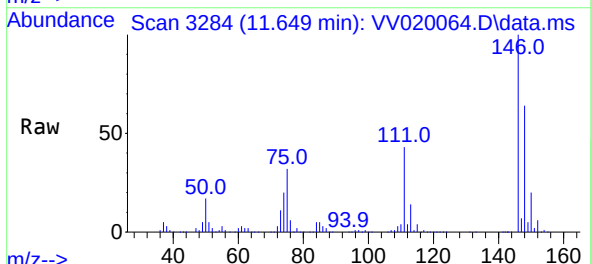
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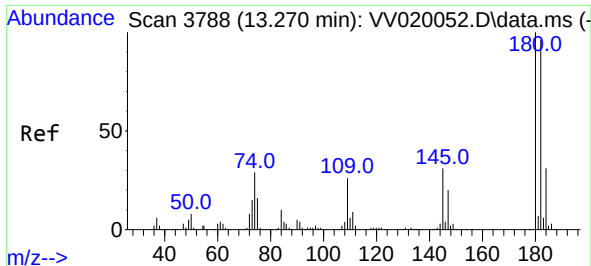
Tgt Ion:146 Resp: 537448
Ion Ratio Lower Upper
146 100
111 38.3 29.4 54.6
148 63.8 44.7 83.1



#65
1,2-Dichlorobenzene
Concen: 112.09 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. -0.000 min
Lab File: VV020064.D
Acq: 19 Jan 2021 20:58

Tgt Ion:146 Resp: 670322
Ion Ratio Lower Upper
146 100
111 43.0 36.3 54.5
148 64.0 51.7 77.5

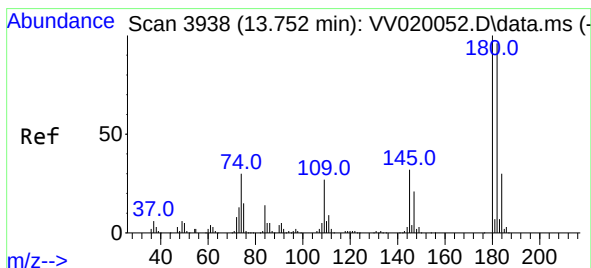
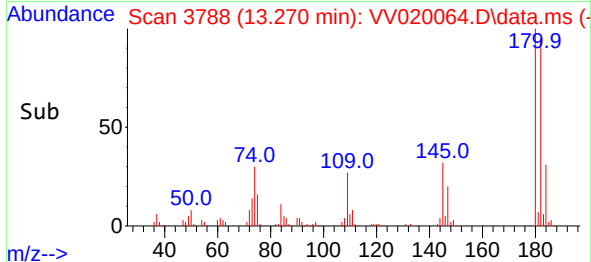
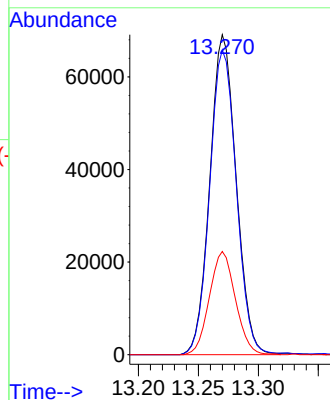
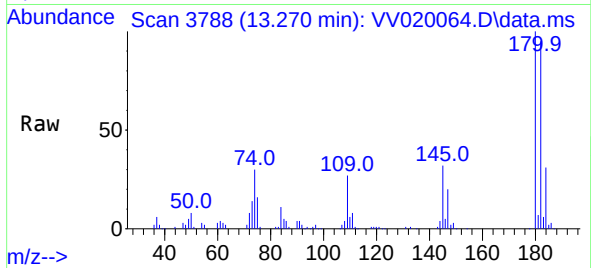




#68
1,2,4-trichlorobenzene
Concen: 26.73 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. -0.000 min
Lab File: VV020064.D
Acq: 19 Jan 2021 20:58

Instrument :
MSVOA_V
ClientSampleId :
C0FY6

Tgt Ion:180 Resp: 105355
Ion Ratio Lower Upper
180 100
182 96.2 75.1 112.7
145 31.8 26.8 40.2



#70
1,2,3-Trichlorobenzene
Concen: 7.08 ug/L
RT: 13.755 min Scan# 3939
Delta R.T. 0.003 min
Lab File: VV020064.D
Acq: 19 Jan 2021 20:58

Tgt Ion:180 Resp: 27077
Ion Ratio Lower Upper
180 100
182 96.6 76.1 114.1
145 31.9 27.9 41.9

