

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020083.D
 Acq On : 20 Jan 2021 18:10
 Operator : SY/MD
 Sample : M1173-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FY1

Quant Time: Jan 20 23:41:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 23:39:20 2021
 Response via : Initial Calibration

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

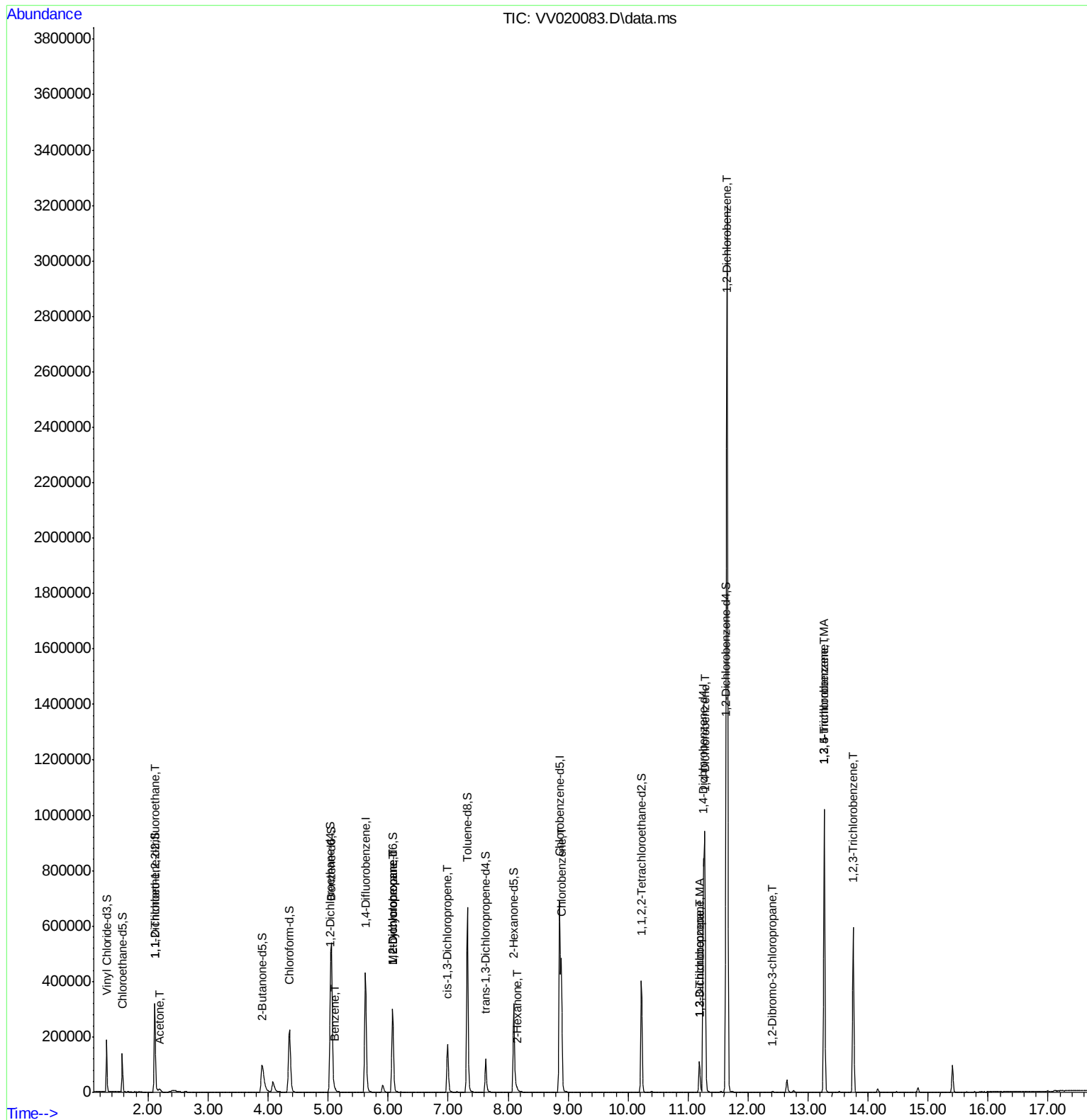
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	375620	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	361179	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	194817	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	110083	46.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.42%		
7) Chloroethane-d5	1.569	69	84290	46.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.80%		
11) 1,1-Dichloroethene-d2	2.110	63	169276	35.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.92%		
21) 2-Butanone-d5	3.894	46	159678	97.23	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.23%		
24) Chloroform-d	4.354	84	237370	45.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.22%		
26) 1,2-Dichloroethane-d4	5.035	65	166130	47.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.30%		
32) Benzene-d6	5.055	84	463468	48.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.06%		
36) 1,2-Dichloropropane-d6	6.074	67	134693	48.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.52%		
41) Toluene-d8	7.322	98	432845	48.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.32%		
43) trans-1,3-Dichloroprop...	7.627	79	70016	44.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.64%		
47) 2-Hexanone-d5	8.093	63	102102	88.60	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.60%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	179405	45.71	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.42%		
64) 1,2-Dichlorobenzene-d4	11.630	152	197701	51.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.70%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	1684	0.74	ug/L #	26
13) Acetone	2.190	43	17125	12.22	ug/L	74
33) Benzene	5.106	78	10440	1.06	ug/L	100
35) Methylcyclohexane	6.074	83	36363	8.76	ug/L #	17
37) 1,2-Dichloropropane	6.074	63	16589	6.89	ug/L #	88
39) cis-1,3-Dichloropropene	6.990	75	4847	1.20	ug/L	87
48) 2-Hexanone	8.151	43	6514	2.49	ug/L #	88
51) Chlorobenzene	8.887	112	246877	33.34	ug/L	97
59) 1,2,3-Trichloropropane	11.186	75	12975	3.82	ug/L #	44
62) 1,3-Dichlorobenzene	11.190	146	43004	7.31	ug/L	96
63) 1,4-Dichlorobenzene	11.280	146	345195	57.05	ug/L	98
65) 1,2-Dichlorobenzene	11.649	146	1177668	199.69	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.405	75	1063	1.21	ug/L #	7
67) 1,3,5-Trichlorobenzene	13.270	180	299766	64.75	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	299766	71.77	ug/L	97
70) 1,2,3-Trichlorobenzene	13.752	180	172968	43.50	ug/L	99

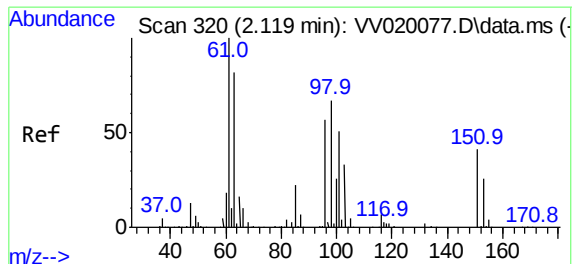
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 20 23:39:20 2021
Response via : Initial Calibration

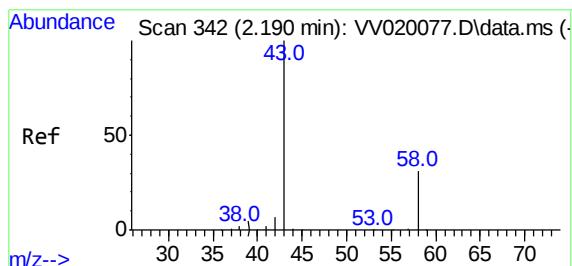
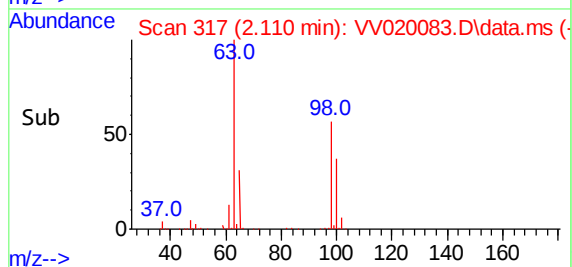
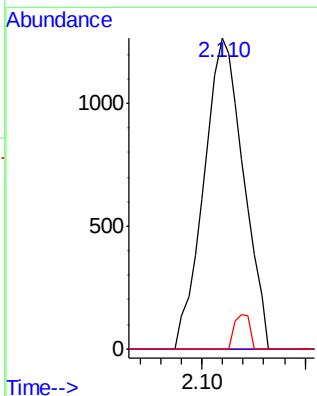
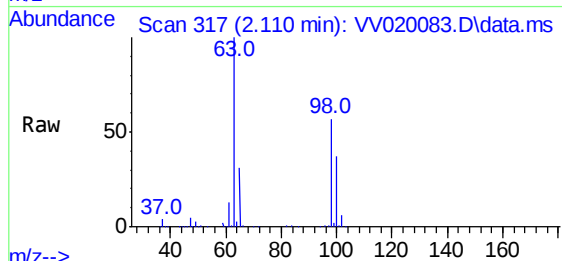




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.74 ug/L
 RT: 2.110 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV020083.D
 Acq: 20 Jan 2021 18:10

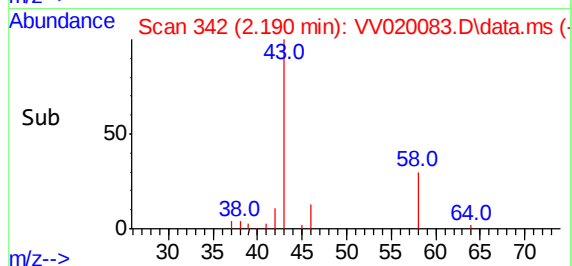
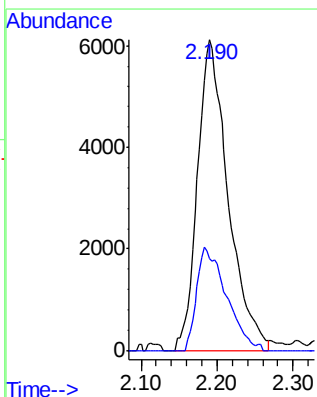
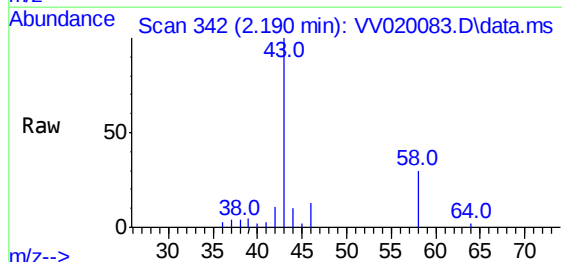
Instrument :
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 ClientSampleId :
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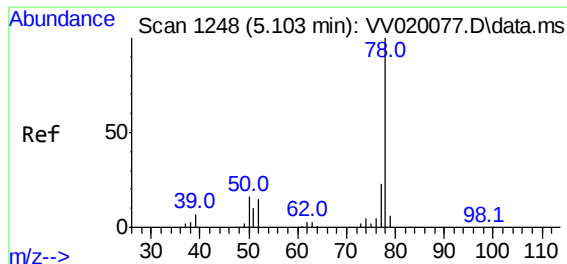
Tgt Ion:101 Resp: 1684
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 4.4 53.6 80.4#



#13
 Acetone
 Concen: 12.22 ug/L
 RT: 2.190 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VV020083.D
 Acq: 20 Jan 2021 18:10

Tgt Ion: 43 Resp: 17125
 Ion Ratio Lower Upper
 43 100
 58 16.1 0.0 60.2

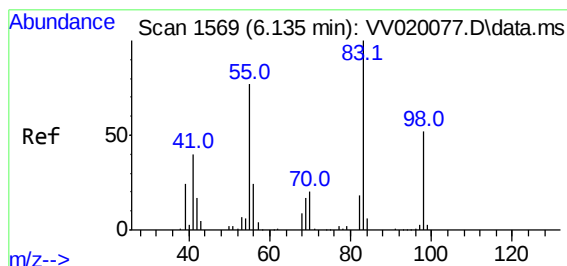
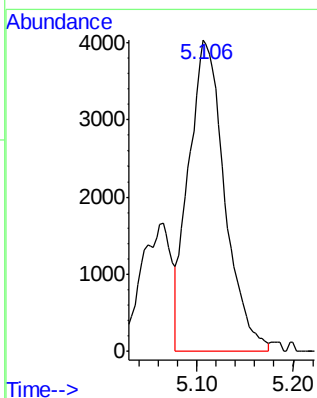
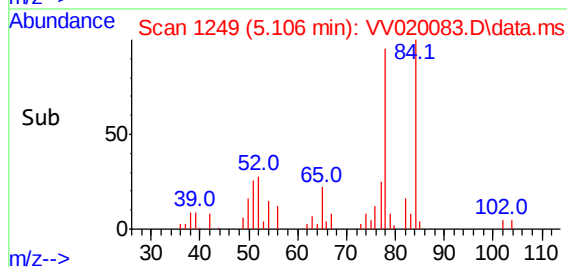
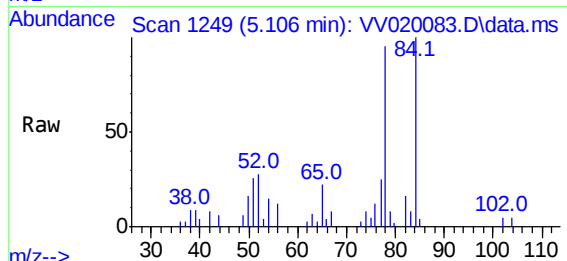




#33
Benzene
Concen: 1.06 ug/L
RT: 5.106 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VV020083.D
Acq: 20 Jan 2021 18:10

Instrument :
MSVOA_V
ClientSampled :
C0FY1

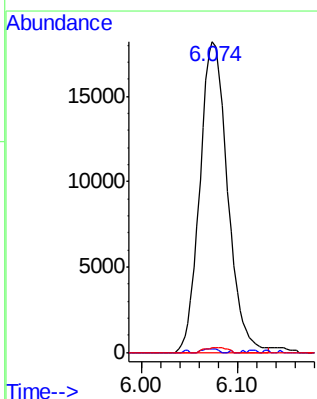
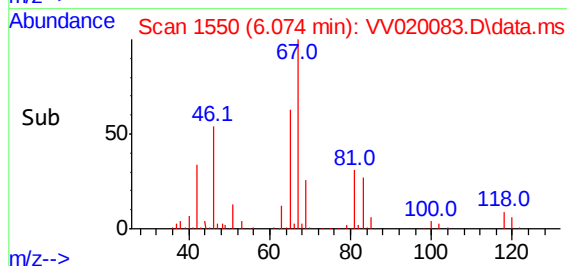
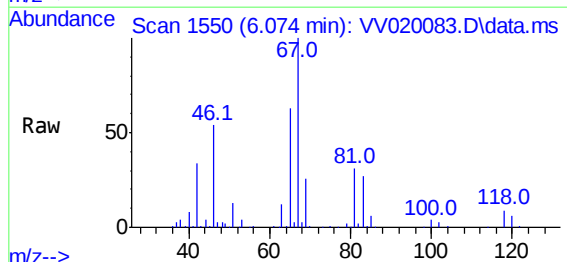
Tgt Ion: 78 Resp: 10440

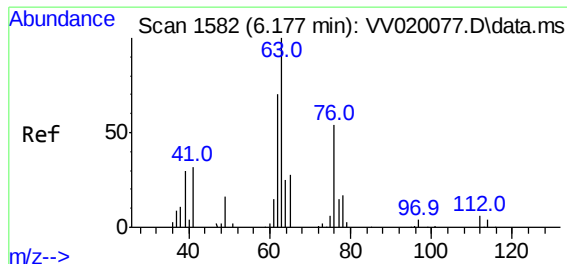


#35
Methylcyclohexane
Concen: 8.76 ug/L
RT: 6.074 min Scan# 1550
Delta R.T. -0.061 min
Lab File: VV020083.D
Acq: 20 Jan 2021 18:10

Tgt Ion: 83 Resp: 36363

Ion	Ratio	Lower	Upper
83	100		
55	0.7	65.1	97.7#
98	0.5	38.2	57.2#

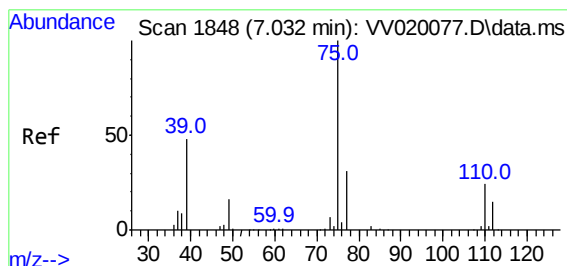
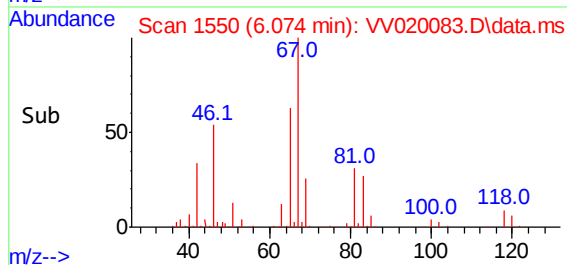
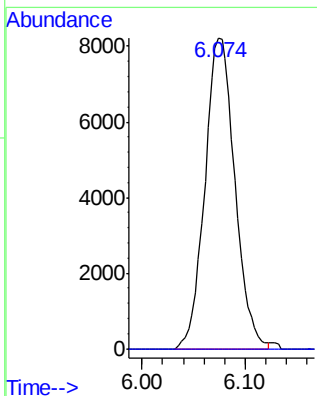
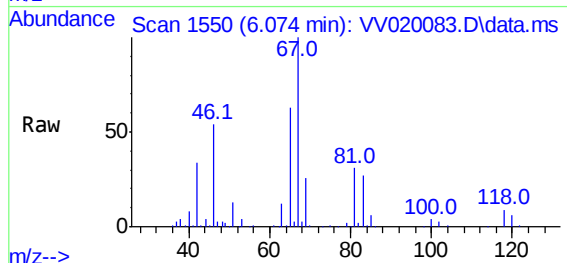




#37
1,2-Dichloropropane
Concen: 6.89 ug/L
RT: 6.074 min Scan# 1550
Delta R.T. -0.103 min
Lab File: VV020083.D
Acq: 20 Jan 2021 18:10

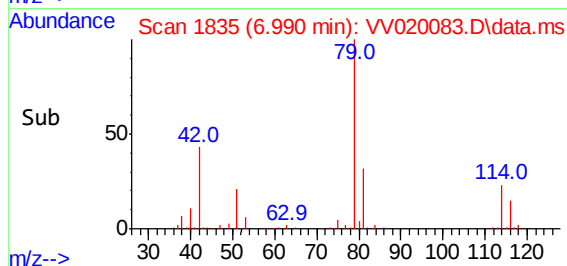
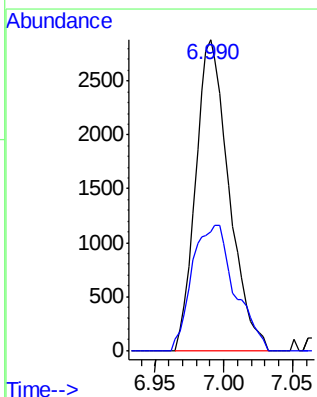
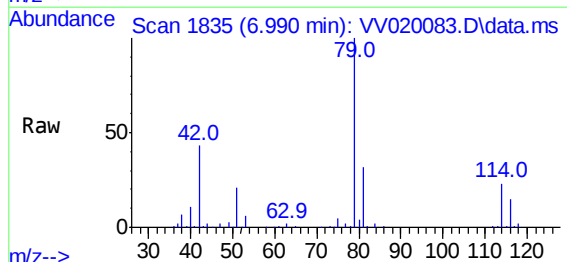
Instrument :
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ClientSampled :
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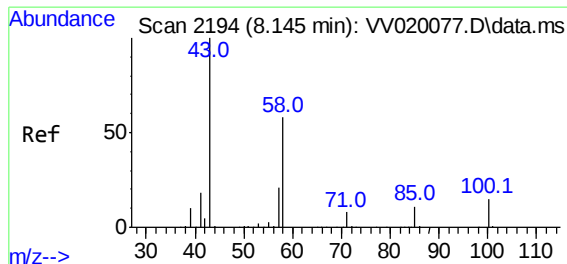
Tgt Ion: 63 Resp: 16589
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 1.20 ug/L
RT: 6.990 min Scan# 1835
Delta R.T. -0.042 min
Lab File: VV020083.D
Acq: 20 Jan 2021 18:10

Tgt Ion: 75 Resp: 4847
Ion Ratio Lower Upper
75 100
77 38.1 21.8 40.6

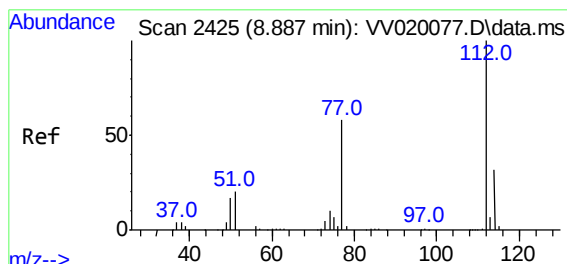
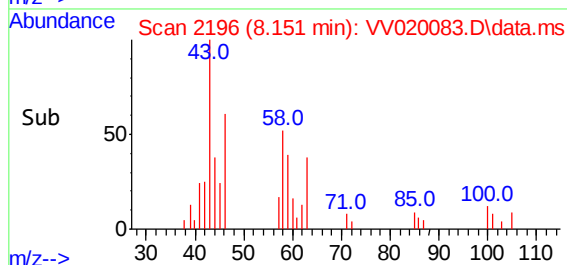
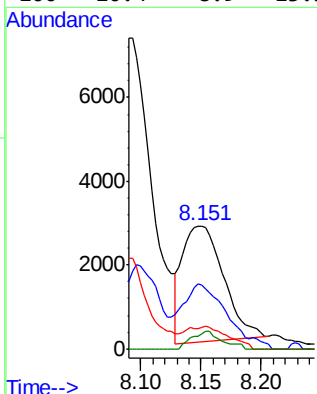
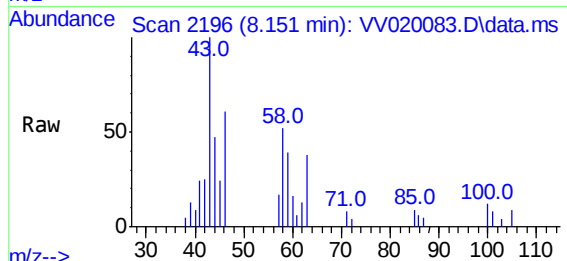




#48
2-Hexanone
Concen: 2.49 ug/L
RT: 8.151 min Scan# 2196
Delta R.T. 0.006 min
Lab File: VV020083.D
Acq: 20 Jan 2021 18:10

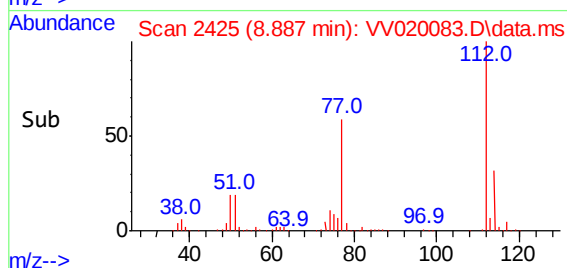
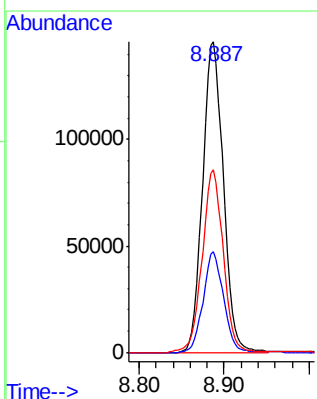
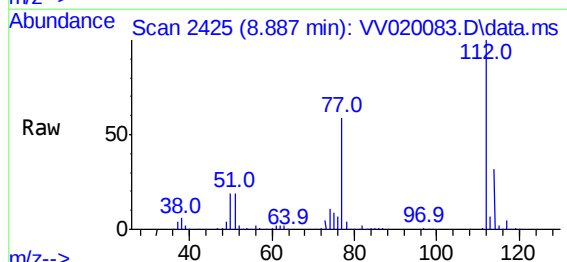
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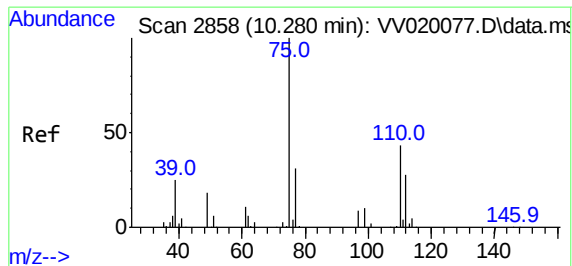
Tgt Ion: 43 Resp: 6514
Ion Ratio Lower Upper
43 100
58 48.2 41.8 62.6
57 1.7 15.0 22.4#
100 10.4 8.9 13.3



#51
Chlorobenzene
Concen: 33.34 ug/L
RT: 8.887 min Scan# 2425
Delta R.T. 0.000 min
Lab File: VV020083.D
Acq: 20 Jan 2021 18:10

Tgt Ion: 112 Resp: 246877
Ion Ratio Lower Upper
112 100
114 32.4 22.2 41.2
77 58.9 49.0 73.6

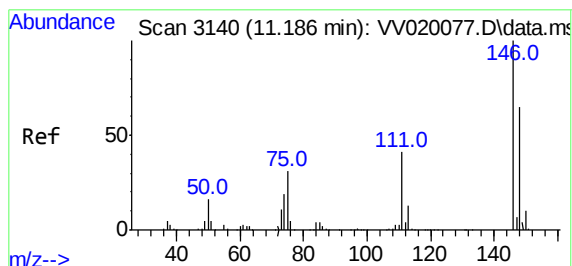
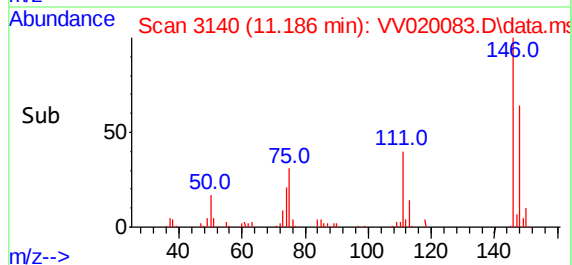
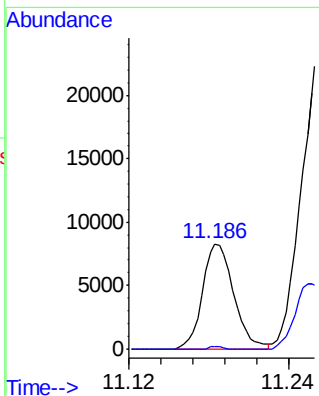
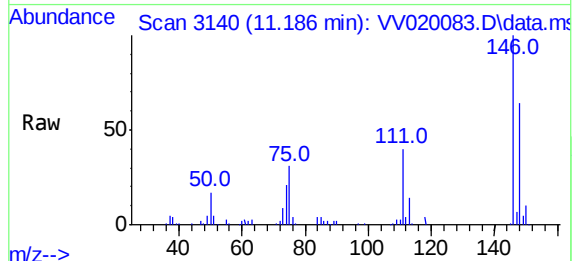




#59
1,2,3-Trichloropropane
Concen: 3.82 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. 0.907 min
Lab File: VV020083.D
Acq: 20 Jan 2021 18:10

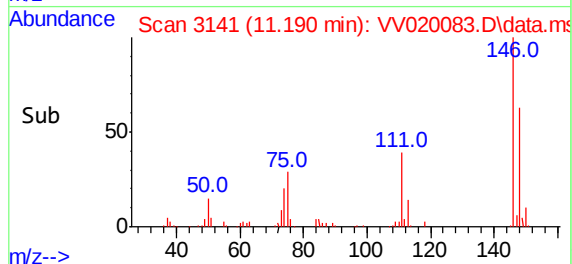
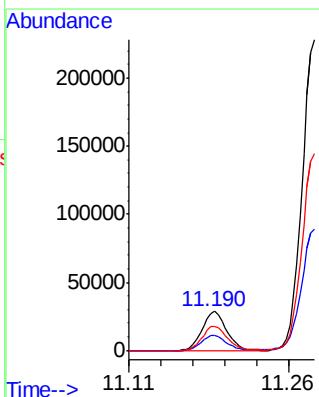
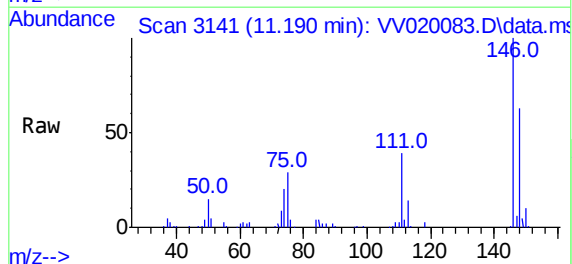
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C0FY1

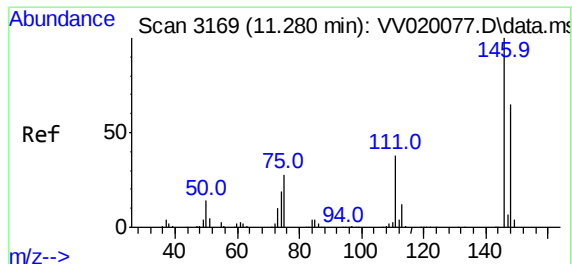
Tgt Ion: 75 Resp: 12975
Ion Ratio Lower Upper
75 100
77 0.8 25.4 38.0#



#62
1,3-Dichlorobenzene
Concen: 7.31 ug/L
RT: 11.190 min Scan# 3141
Delta R.T. 0.003 min
Lab File: VV020083.D
Acq: 20 Jan 2021 18:10

Tgt Ion:146 Resp: 43004
Ion Ratio Lower Upper
146 100
111 38.7 30.2 56.2
148 62.8 45.0 83.6

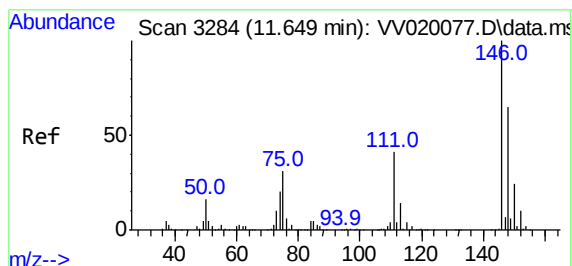
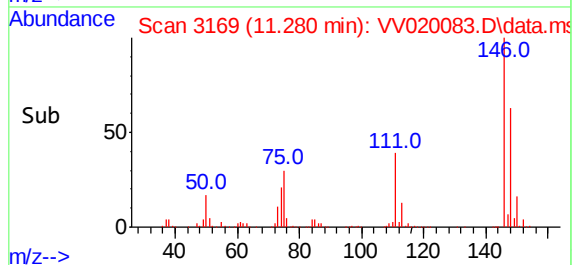
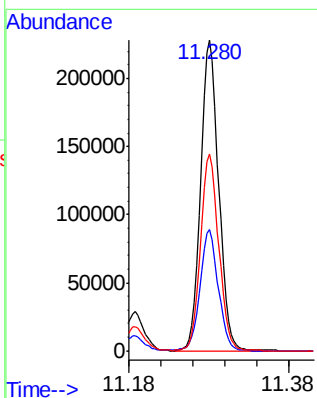
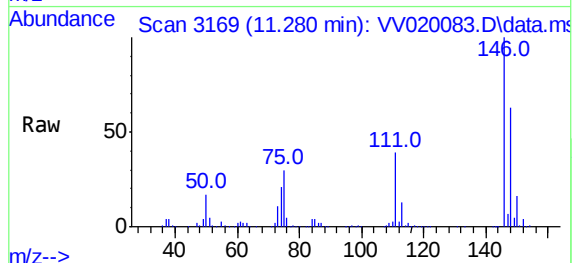




#63
1,4-Dichlorobenzene
Concen: 57.05 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020083.D
Acq: 20 Jan 2021 18:10

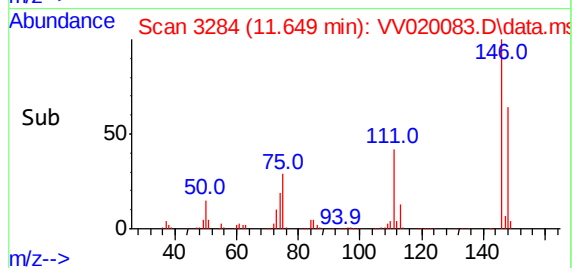
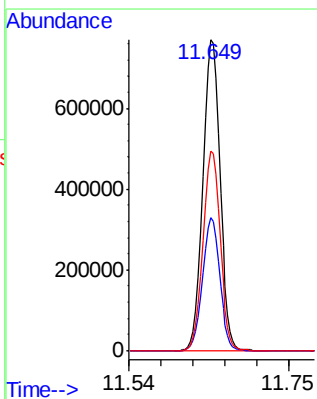
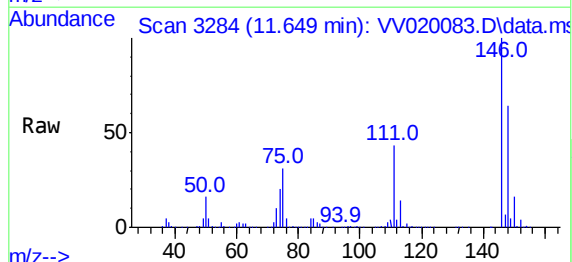
Instrument :
MSVOA_V
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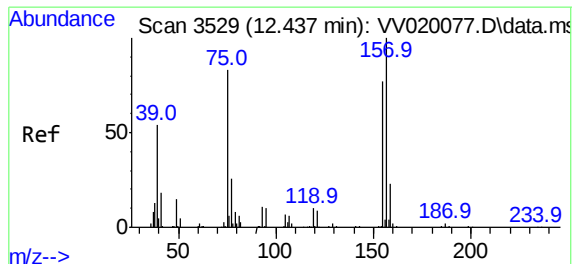
Tgt Ion:146 Resp: 345195
Ion Ratio Lower Upper
146 100
111 38.9 29.4 54.6
148 63.2 44.7 83.1



#65
1,2-Dichlorobenzene
Concen: 199.69 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020083.D
Acq: 20 Jan 2021 18:10

Tgt Ion:146 Resp: 1177668
Ion Ratio Lower Upper
146 100
111 42.6 36.3 54.5
148 64.0 51.7 77.5

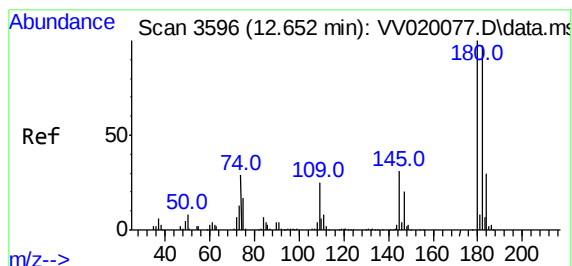
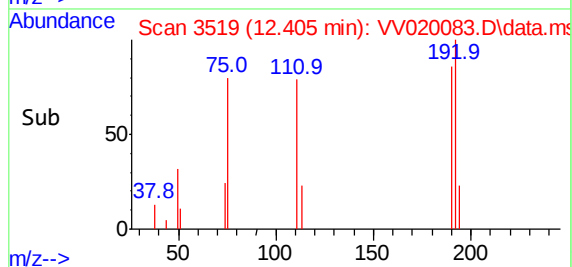
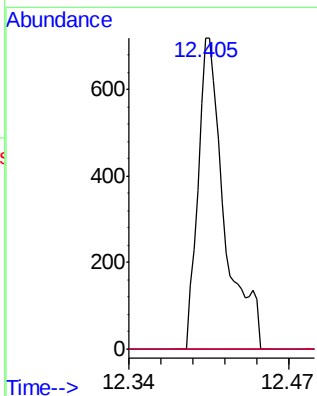
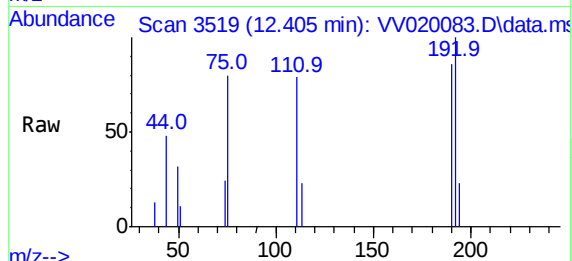




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.21 ug/L
 RT: 12.405 min Scan# 3519
 Delta R.T. -0.032 min
 Lab File: VV020083.D
 Acq: 20 Jan 2021 18:10

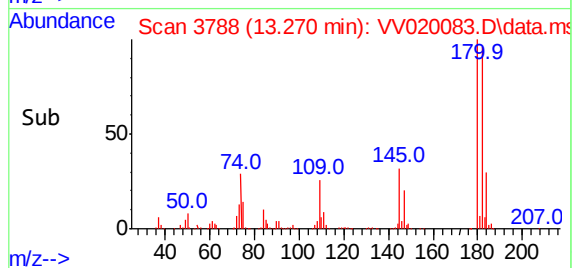
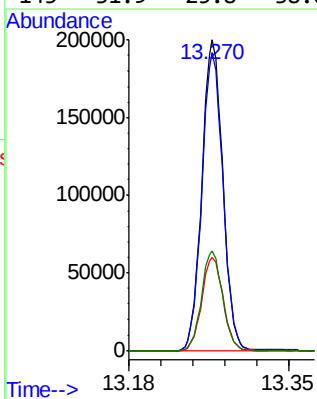
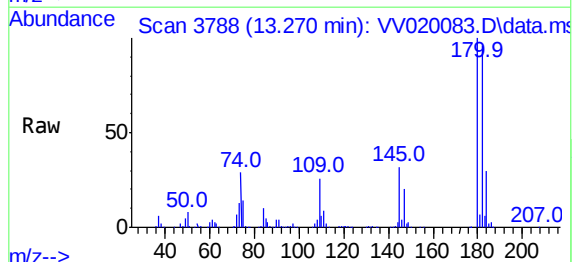
Instrument :
 MSVOA_V
 ClientSampleID :
 C0FY1

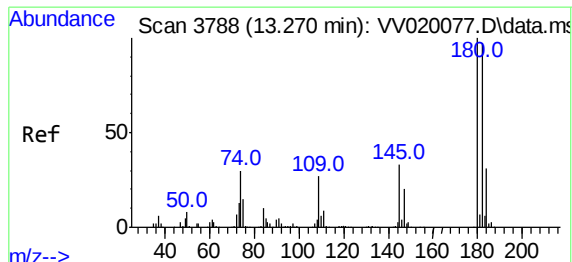
Tgt Ion: 75 Resp: 1063
 Ion Ratio Lower Upper
 75 100
 155 0.0 59.1 88.7#
 157 0.0 75.4 113.0#



#67
 1,3,5-Trichlorobenzene
 Concen: 64.75 ug/L
 RT: 13.270 min Scan# 3788
 Delta R.T. 0.617 min
 Lab File: VV020083.D
 Acq: 20 Jan 2021 18:10

Tgt Ion: 180 Resp: 299766
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.0 112.6
 184 30.5 24.0 36.0
 145 31.9 25.8 38.6

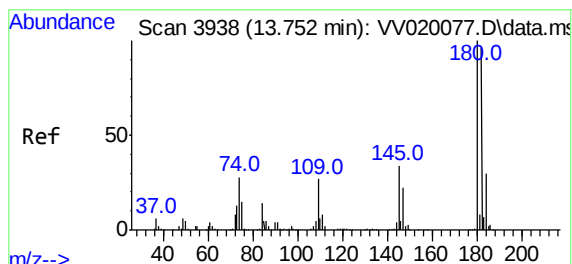
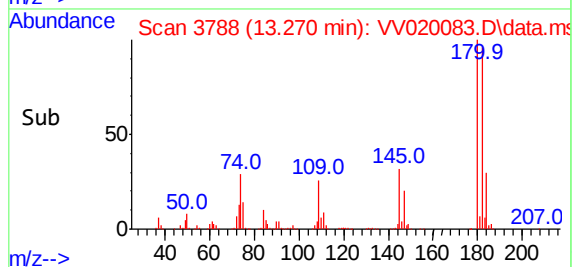
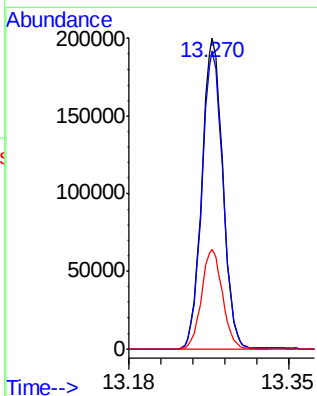
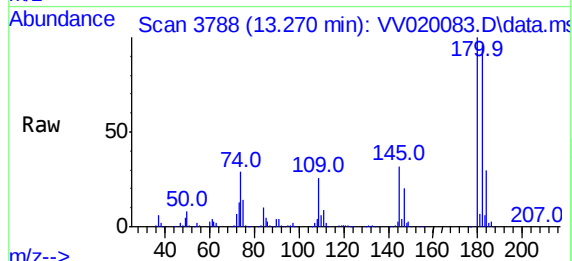




#68
1,2,4-trichlorobenzene
Concen: 71.77 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020083.D
Acq: 20 Jan 2021 18:10

Instrument :
MSVOA_V
ClientSampleId :
C0FY1

Tgt Ion:180 Resp: 299766
Ion Ratio Lower Upper
180 100
182 96.6 75.1 112.7
145 31.9 26.8 40.2



#70
1,2,3-Trichlorobenzene
Concen: 43.50 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020083.D
Acq: 20 Jan 2021 18:10

Tgt Ion:180 Resp: 172968
Ion Ratio Lower Upper
180 100
182 95.2 76.1 114.1
145 32.8 27.9 41.9

