

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012721\
 Data File : VV020178.D
 Acq On : 26 Jan 2021 18:54
 Operator : SY/MD
 Sample : VV0126WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 27 07:13:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 07:09:38 2021
 Response via : Initial Calibration

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

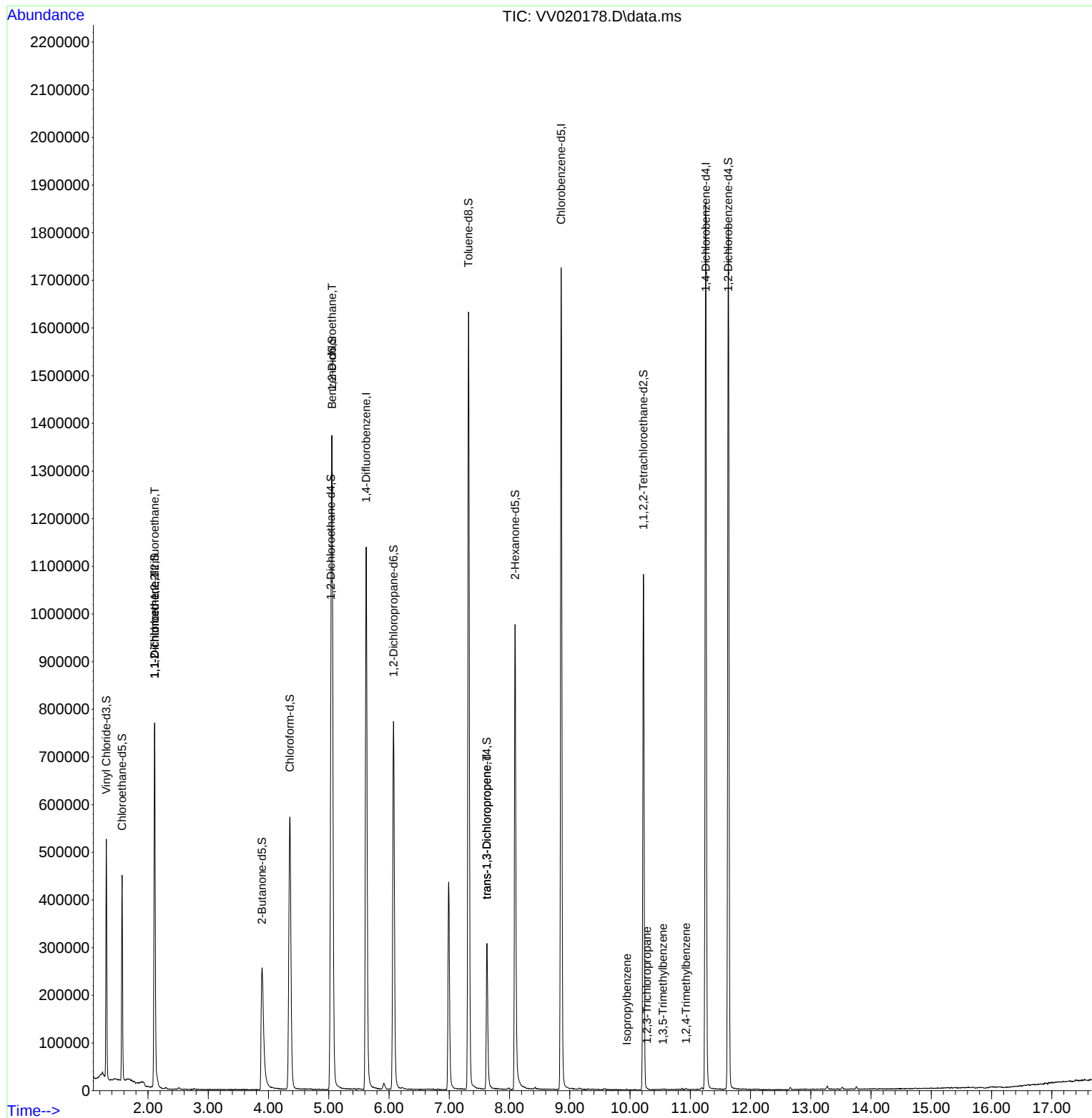
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	961232	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	933780	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	476204	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	318439	49.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.00%			
7) Chloroethane-d5	1.569	69	260905	51.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.20%			
11) 1,1-Dichloroethene-d2	2.110	63	397899	39.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.58%			
21) 2-Butanone-d5	3.891	46	460838	109.99	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.99%			
24) Chloroform-d	4.354	84	588384	49.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.66%			
26) 1,2-Dichloroethane-d4	5.035	65	398909	52.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.82%			
32) Benzene-d6	5.055	84	1165290	49.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.66%			
36) 1,2-Dichloropropane-d6	6.074	67	360696	47.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.58%			
41) Toluene-d8	7.318	98	1064032	48.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.32%			
43) trans-1,3-Dichloroprop...	7.624	79	174308	47.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.92%			
47) 2-Hexanone-d5	8.090	63	343229	106.57	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.57%			
56) 1,1,2,2-Tetrachloroeth...	10.222	84	494818	47.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.78%			
66) 1,2-Dichlorobenzene-d4	11.630	152	464002	52.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.46%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	4404	0.86	ug/L #	21
12) 1,1-Dichloroethene	2.110	96	3472	0.72	ug/L #	1
27) 1,2-Dichloroethane	5.051	62	7341	0.84	ug/L	97
44) trans-1,3-Dichloropropene	7.624	75	7782	0.82	ug/L	88
60) Isopropylbenzene	9.948	105	1124	0.04	ug/L #	79
61) 1,2,3-Trichloropropane	10.280	75	215	0.03	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.546	105	698	0.03	ug/L	88
63) 1,2,4-Trimethylbenzene	10.929	105	1233	0.05	ug/L	91

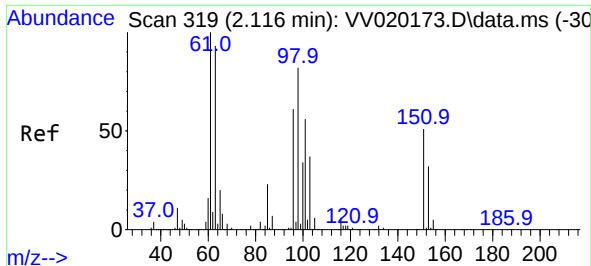
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012721WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 27 07:09:38 2021
Response via : Initial Calibration

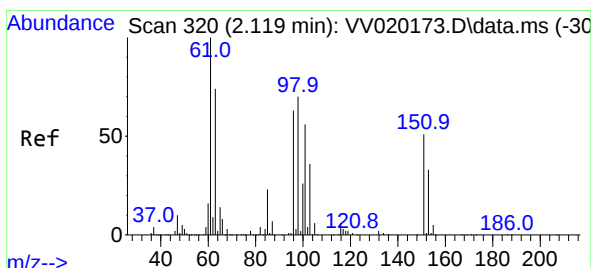
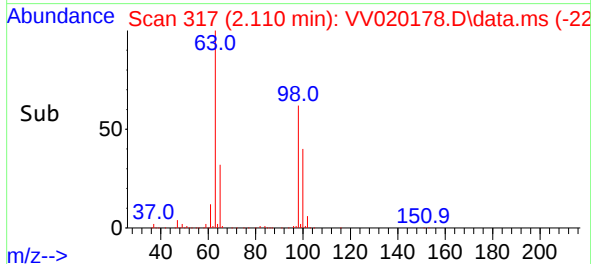
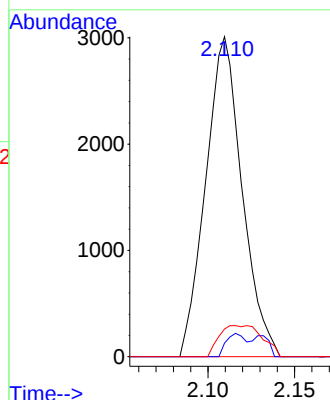
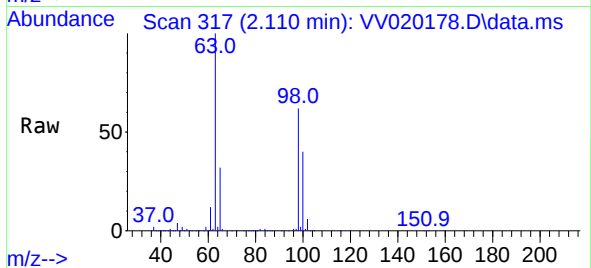




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.86 ug/L
RT: 2.110 min Scan# 317
Delta R.T. -0.006 min
Lab File: VV020178.D
Acq: 26 Jan 2021 18:54

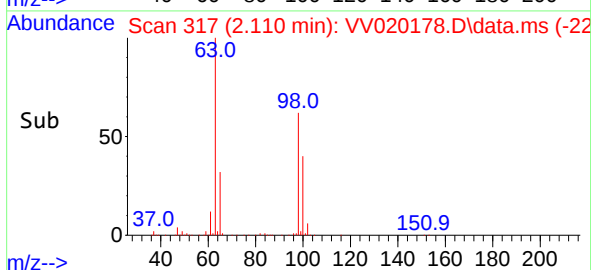
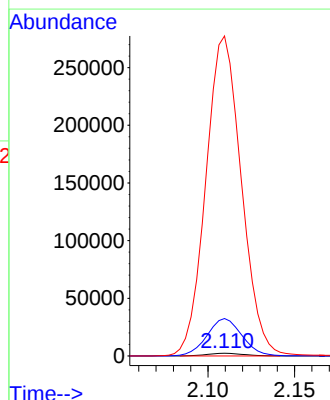
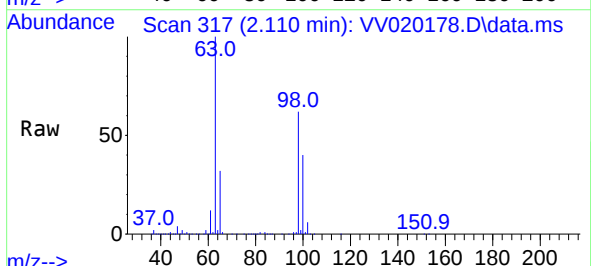
Instrument :
MSVOA_V
ClientSampleId :

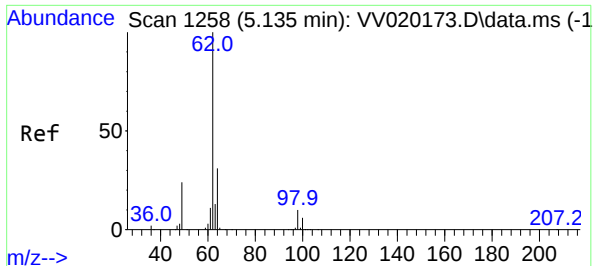
Tgt Ion:101 Resp: 4404
Ion Ratio Lower Upper
101 100
85 3.8 32.4 48.6#
151 6.2 71.0 106.6#



#12
1,1-Dichloroethene
Concen: 0.72 ug/L
RT: 2.110 min Scan# 317
Delta R.T. -0.010 min
Lab File: VV020178.D
Acq: 26 Jan 2021 18:54

Tgt Ion: 96 Resp: 3472
Ion Ratio Lower Upper
96 100
61 1406.2 110.9 206.1#
63 12000.0 82.1 152.5#

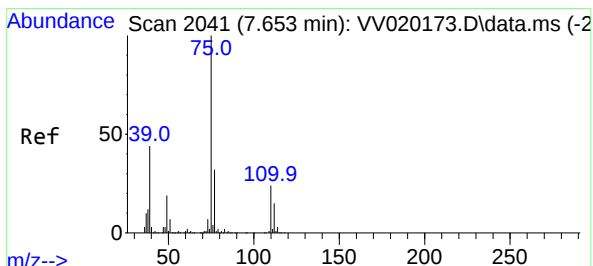
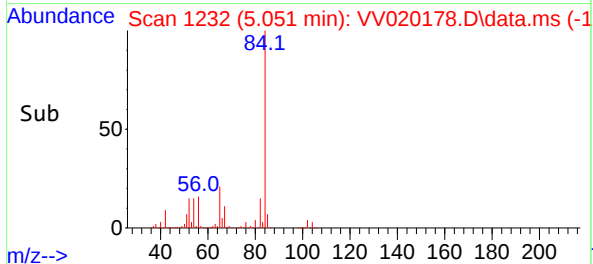
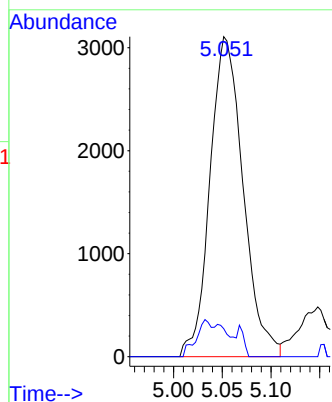
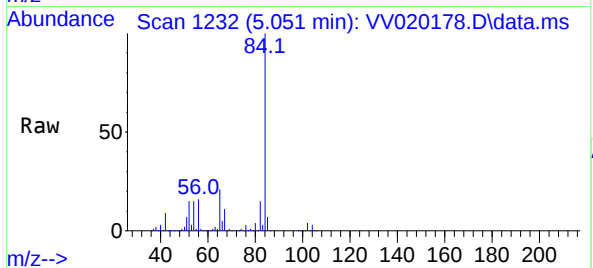




#27
1,2-Dichloroethane
Concen: 0.84 ug/L
RT: 5.051 min Scan# 1232
Delta R.T. -0.084 min
Lab File: VV020178.D
Acq: 26 Jan 2021 18:54

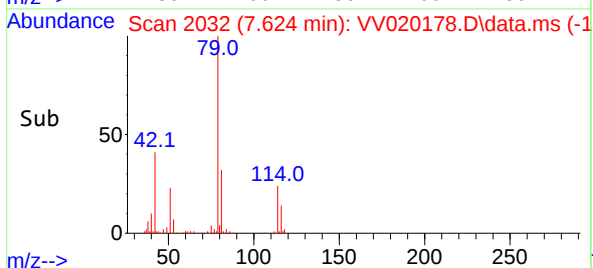
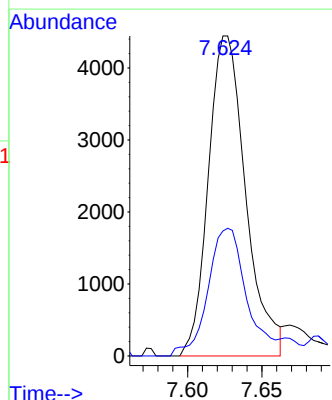
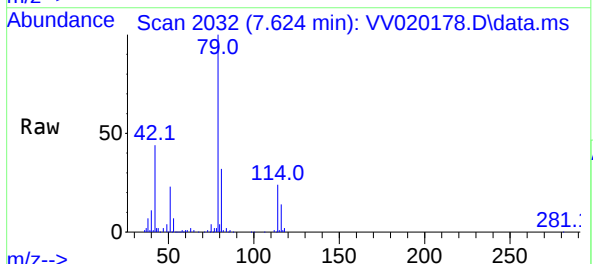
Instrument :
MSVOA_V
ClientSampled :

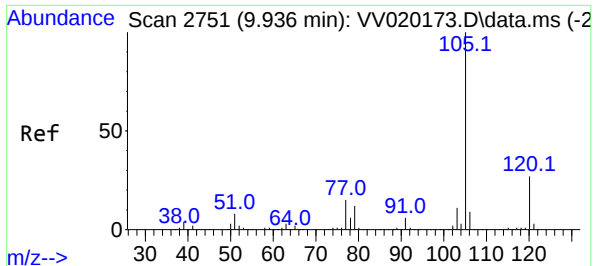
Tgt Ion: 62 Resp: 7341
Ion Ratio Lower Upper
62 100
98 8.8 7.8 11.6



#44
trans-1,3-Dichloropropene
Concen: 0.82 ug/L
RT: 7.624 min Scan# 2032
Delta R.T. -0.029 min
Lab File: VV020178.D
Acq: 26 Jan 2021 18:54

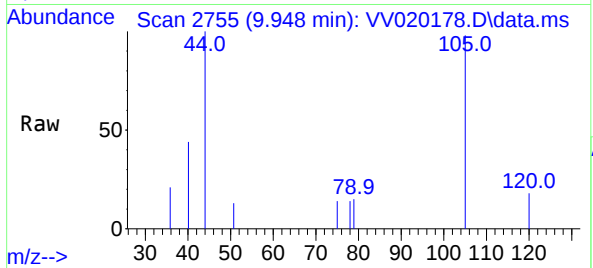
Tgt Ion: 75 Resp: 7782
Ion Ratio Lower Upper
75 100
77 39.1 22.5 41.7



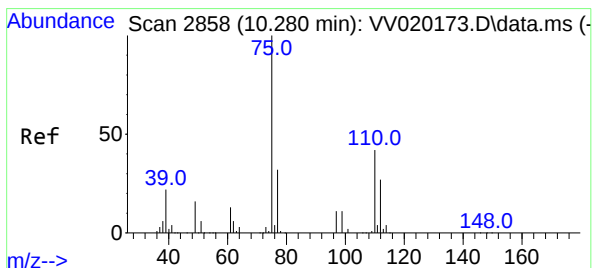
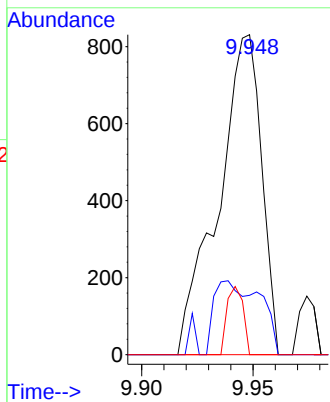
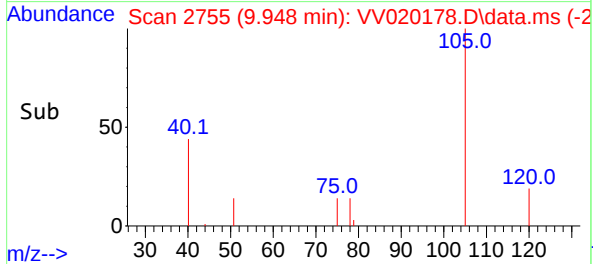


#60
Isopropylbenzene
Concen: 0.04 ug/L
RT: 9.948 min Scan# 2755
Delta R.T. 0.013 min
Lab File: VV020178.D
Acq: 26 Jan 2021 18:54

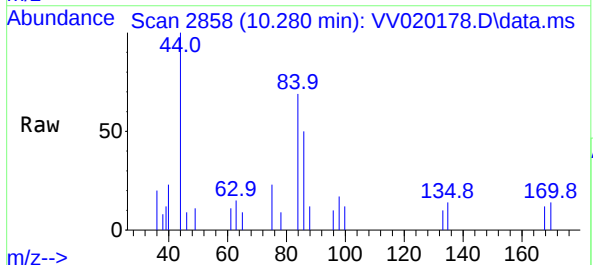
Instrument :
MSVOA_V
ClientSampled :



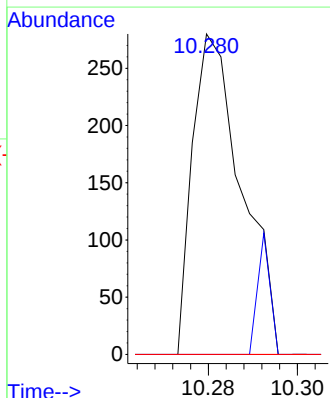
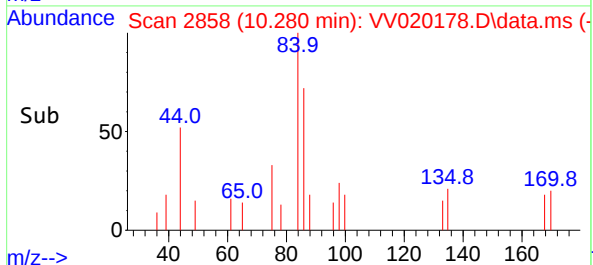
Tgt Ion:105 Resp: 1124
Ion Ratio Lower Upper
105 100
120 14.6 21.2 31.8#
77 7.9 11.8 17.6#

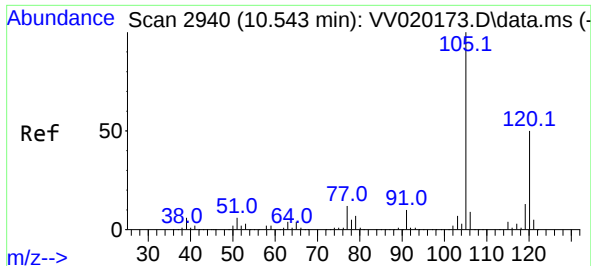


#61
1,2,3-Trichloropropane
Concen: 0.03 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VV020178.D
Acq: 26 Jan 2021 18:54



Tgt Ion: 75 Resp: 215
Ion Ratio Lower Upper
75 100
77 33.0 25.7 38.5
110 0.0 33.3 49.9#

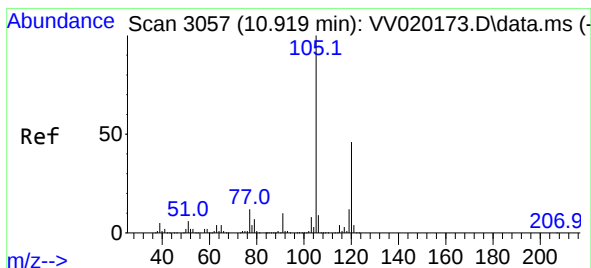
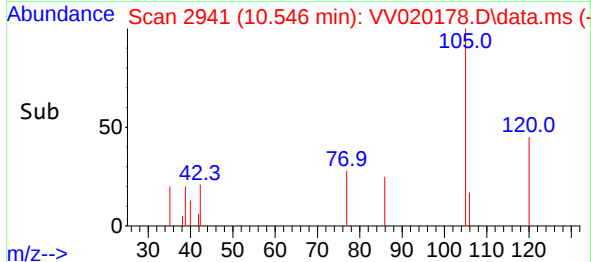
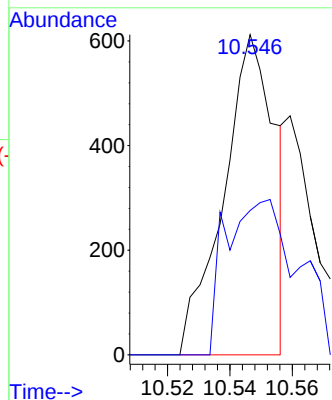
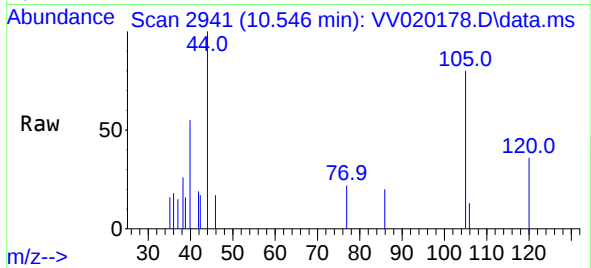




#62
1,3,5-Trimethylbenzene
Concen: 0.03 ug/L
RT: 10.546 min Scan# 2941
Delta R.T. 0.003 min
Lab File: VV020178.D
Acq: 26 Jan 2021 18:54

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:105 Resp: 698
Ion Ratio Lower Upper
105 100
120 41.4 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 0.05 ug/L
RT: 10.929 min Scan# 3060
Delta R.T. 0.010 min
Lab File: VV020178.D
Acq: 26 Jan 2021 18:54

Tgt Ion:105 Resp: 1233
Ion Ratio Lower Upper
105 100
120 40.4 37.0 55.6

