

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040521\
 Data File : VW020917.D
 Acq On : 05 Apr 2021 16:08
 Operator : SY/MD
 Sample : M1879-08MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1A5MS

Quant Time: Apr 06 06:24:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 06 06:22:01 2021
 Response via : Initial Calibration

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

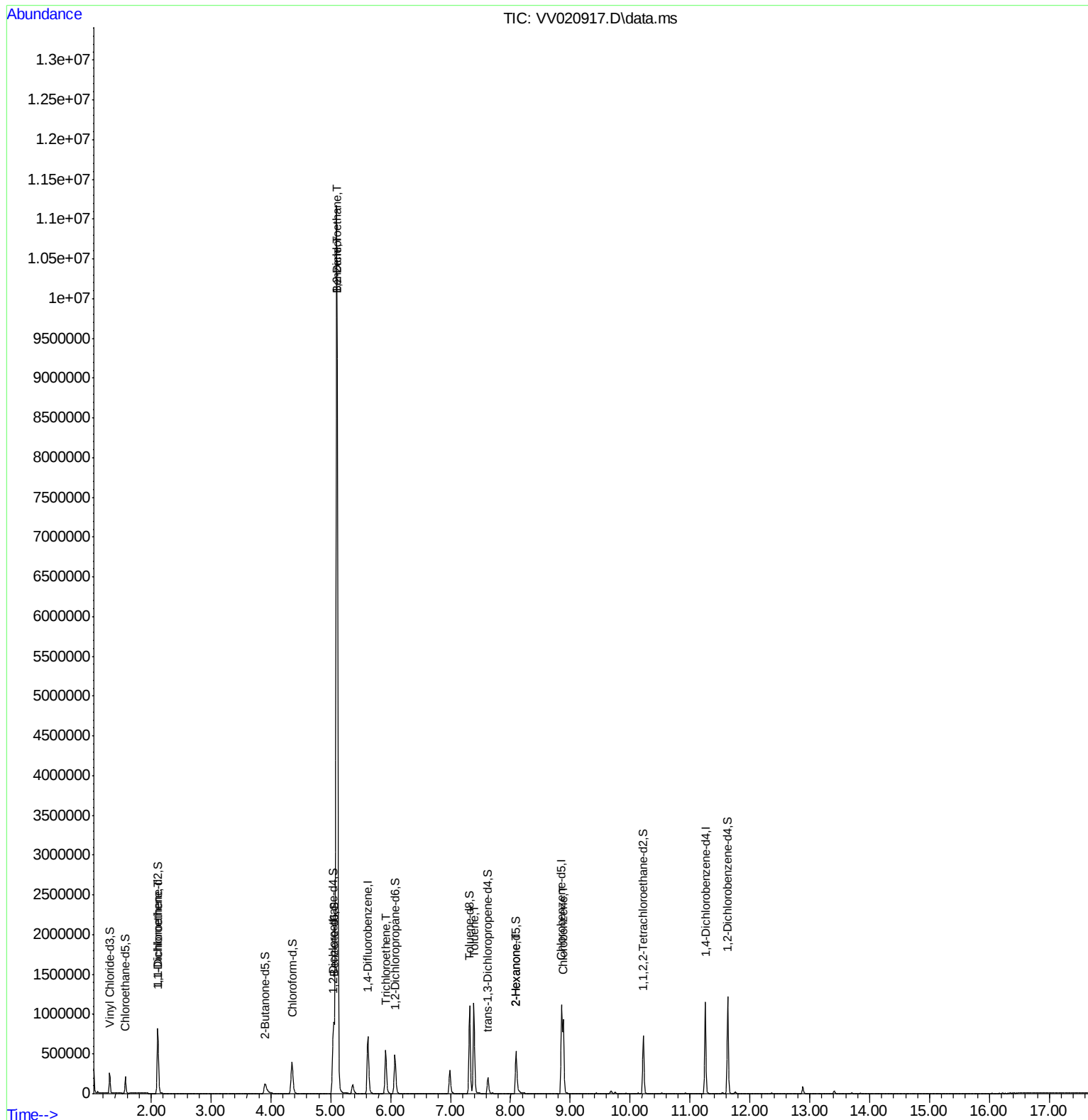
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	624847	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	591604	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	311425	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	155566	35.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.14%		
7) Chloroethane-d5	1.571	69	131851	39.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.62%		
11) 1,1-Dichloroethene-d2	2.108	63	330039	39.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.86%		
21) 2-Butanone-d5	3.899	46	250676	86.86	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.86%		
24) Chloroform-d	4.352	84	409045	46.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.78%		
26) 1,2-Dichloroethane-d4	5.037	65	283671	48.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.68%		
32) Benzene-d6	5.053	84	750022	47.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.12%		
36) 1,2-Dichloropropane-d6	6.072	67	222863	46.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.06%		
41) Toluene-d8	7.320	98	730616	49.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.56%		
43) trans-1,3-Dichloroprop...	7.622	79	125620	48.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.54%		
47) 2-Hexanone-d5	8.095	63	198353	97.72	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.72%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	311958	44.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.48%		
64) 1,2-Dichlorobenzene-d4	11.632	152	322749	53.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.80%		
Target Compounds						
12) 1,1-Dichloroethene	2.118	96	143305	39.30	ug/L	93
27) 1,2-Dichloroethane	5.101	62	110307	16.71	ug/L #	76
33) Benzene	5.101	78	11097780	680.12	ug/L	100
34) Trichloroethene	5.918	95	180936	40.45	ug/L	95
42) Toluene	7.391	91	826005	46.57	ug/L	99
48) 2-Hexanone	8.095	43	23928	5.46	ug/L #	69
51) Chlorobenzene	8.886	112	494395	41.53	ug/L	98

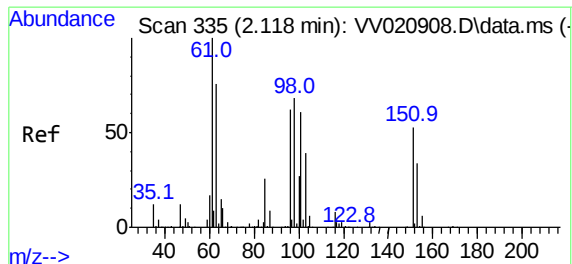
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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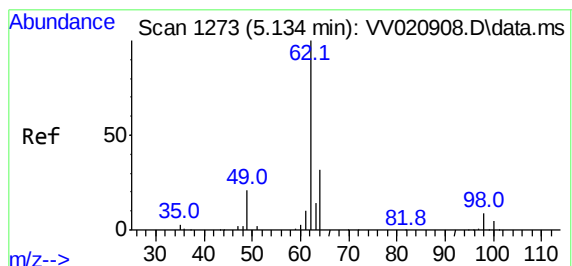
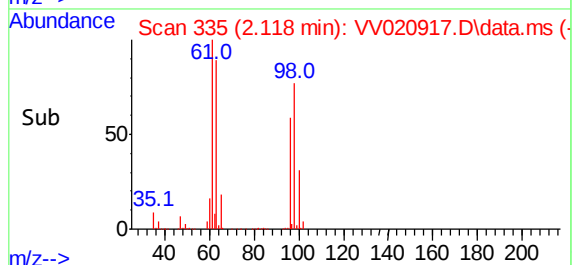
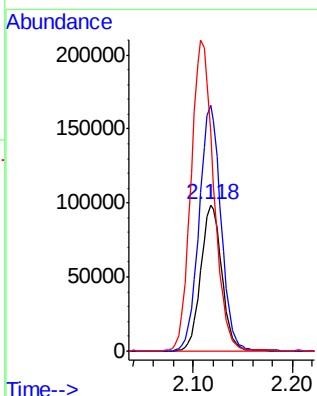
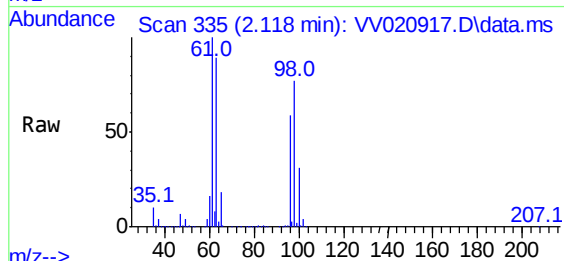




#12
1,1-Dichloroethene
Concen: 39.30 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV020917.D
Acq: 05 Apr 2021 16:08

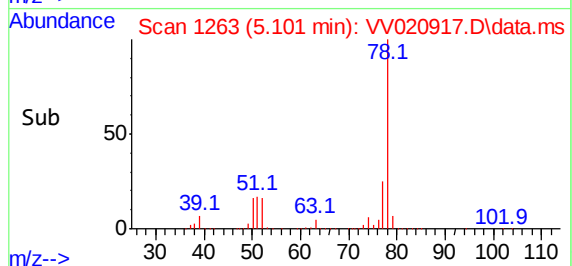
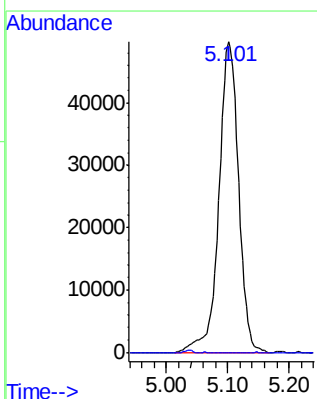
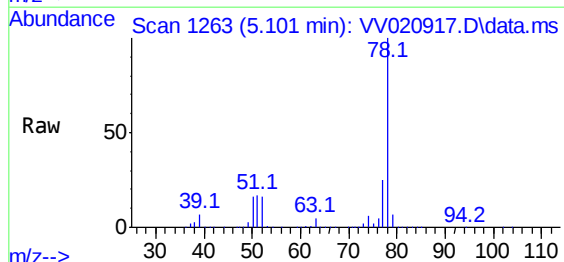
Instrument :
MSVOA_V
ClientSampleId :
EW1A5MS

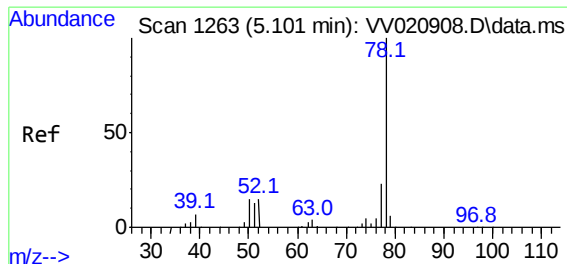
Tgt Ion: 96 Resp: 143305
Ion Ratio Lower Upper
96 100
61 168.2 126.3 234.6
63 150.1 100.2 186.2



#27
1,2-Dichloroethane
Concen: 16.71 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.032 min
Lab File: VV020917.D
Acq: 05 Apr 2021 16:08

Tgt Ion: 62 Resp: 110307
Ion Ratio Lower Upper
62 100
98 0.0 6.8 10.2#

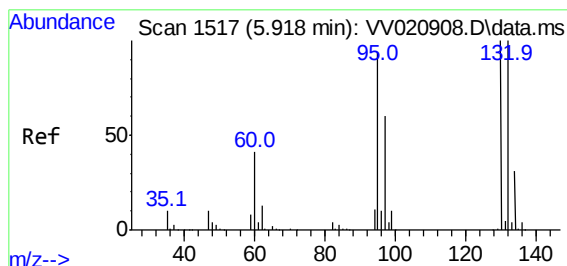
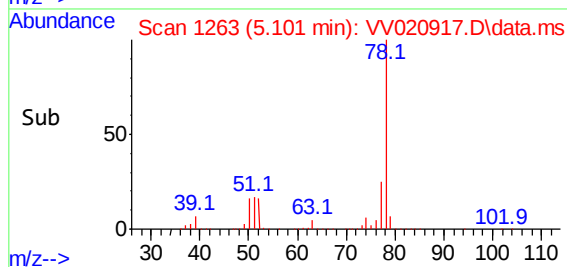
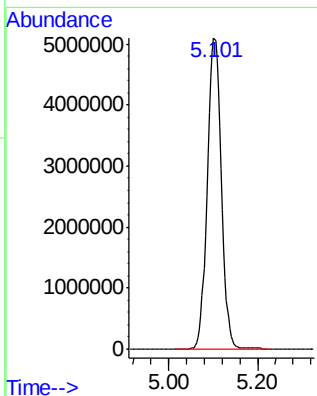
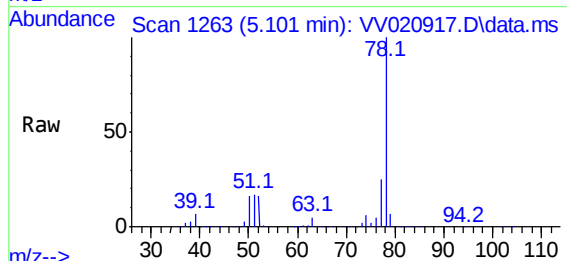




#33
Benzene
Concen: 680.12 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV020917.D
Acq: 05 Apr 2021 16:08

Instrument :
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EW1A5MS

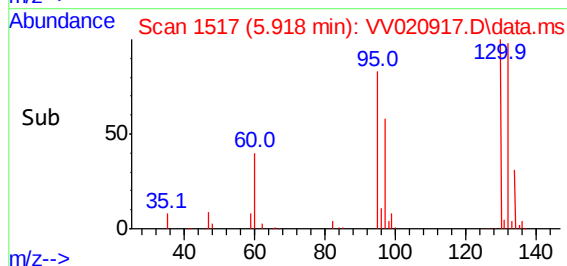
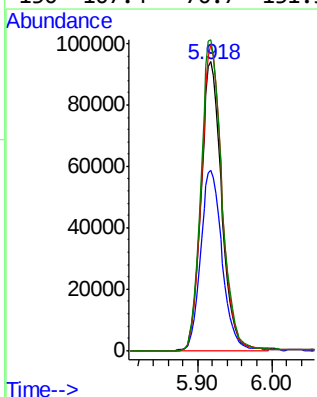
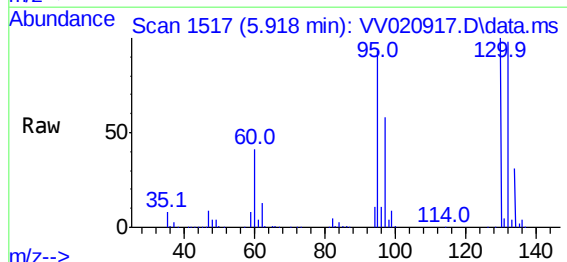
Tgt Ion: 78 Resp:11097780

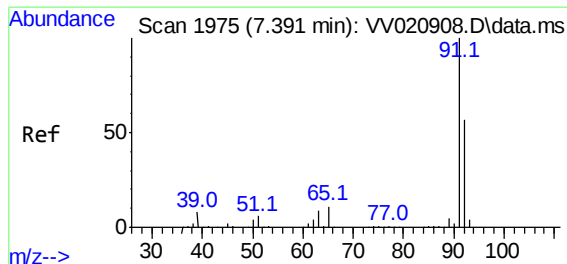


#34
Trichloroethene
Concen: 40.45 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV020917.D
Acq: 05 Apr 2021 16:08

Tgt Ion: 95 Resp: 180936

Ion	Ratio	Lower	Upper
95	100		
97	62.3	43.5	80.9
132	105.5	69.5	129.1
130	107.4	70.7	131.3

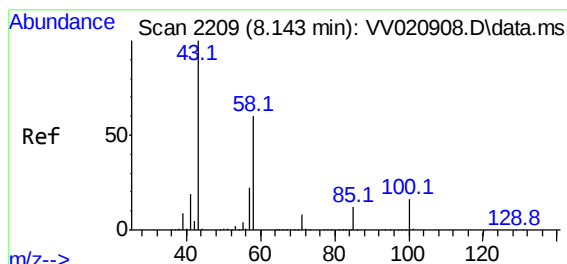
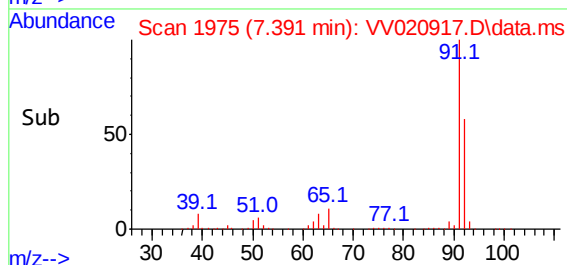
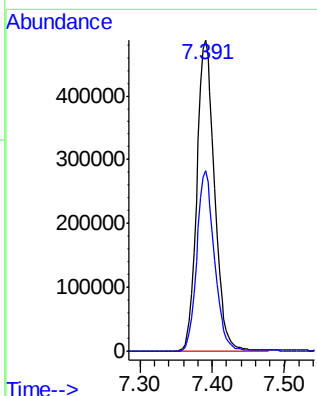
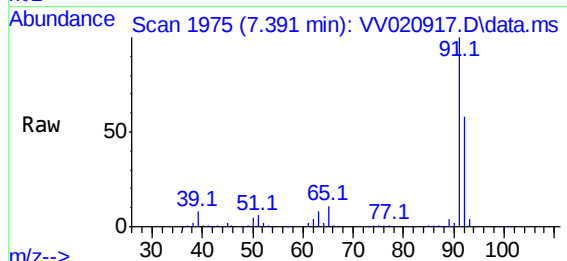




#42
Toluene
Concen: 46.57 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV020917.D
Acq: 05 Apr 2021 16:08

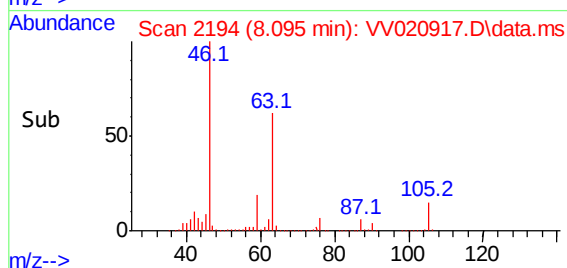
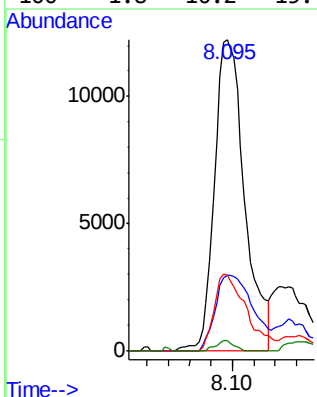
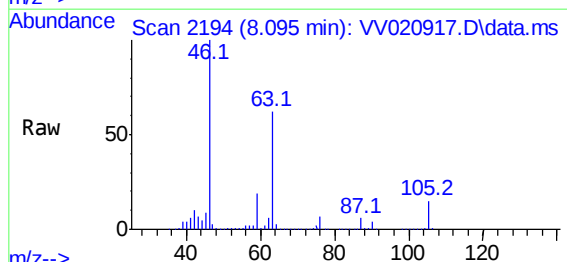
Instrument :
MSVOA_V
ClientSampleId :
EW1A5MS

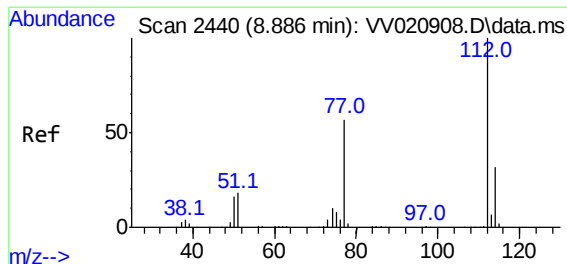
Tgt Ion: 91 Resp: 826005
Ion Ratio Lower Upper
91 100
92 57.9 39.9 74.1



#48
2-Hexanone
Concen: 5.46 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.048 min
Lab File: VV020917.D
Acq: 05 Apr 2021 16:08

Tgt Ion: 43 Resp: 23928
Ion Ratio Lower Upper
43 100
58 30.4 45.8 68.8#
57 26.2 15.4 23.2#
100 1.8 10.2 15.4#





#51
Chlorobenzene
Concen: 41.53 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020917.D
Acq: 05 Apr 2021 16:08

Instrument :
MSVOA_V
ClientSampleId :
EW1A5MS

Tgt Ion:112 Resp: 494395
Ion Ratio Lower Upper
112 100
114 30.8 22.4 41.6
77 56.6 46.7 70.1

