

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040121\
 Data File : VW020824.D
 Acq On : 01 Apr 2021 12:41
 Operator : SY/MD
 Sample : M1845-03MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

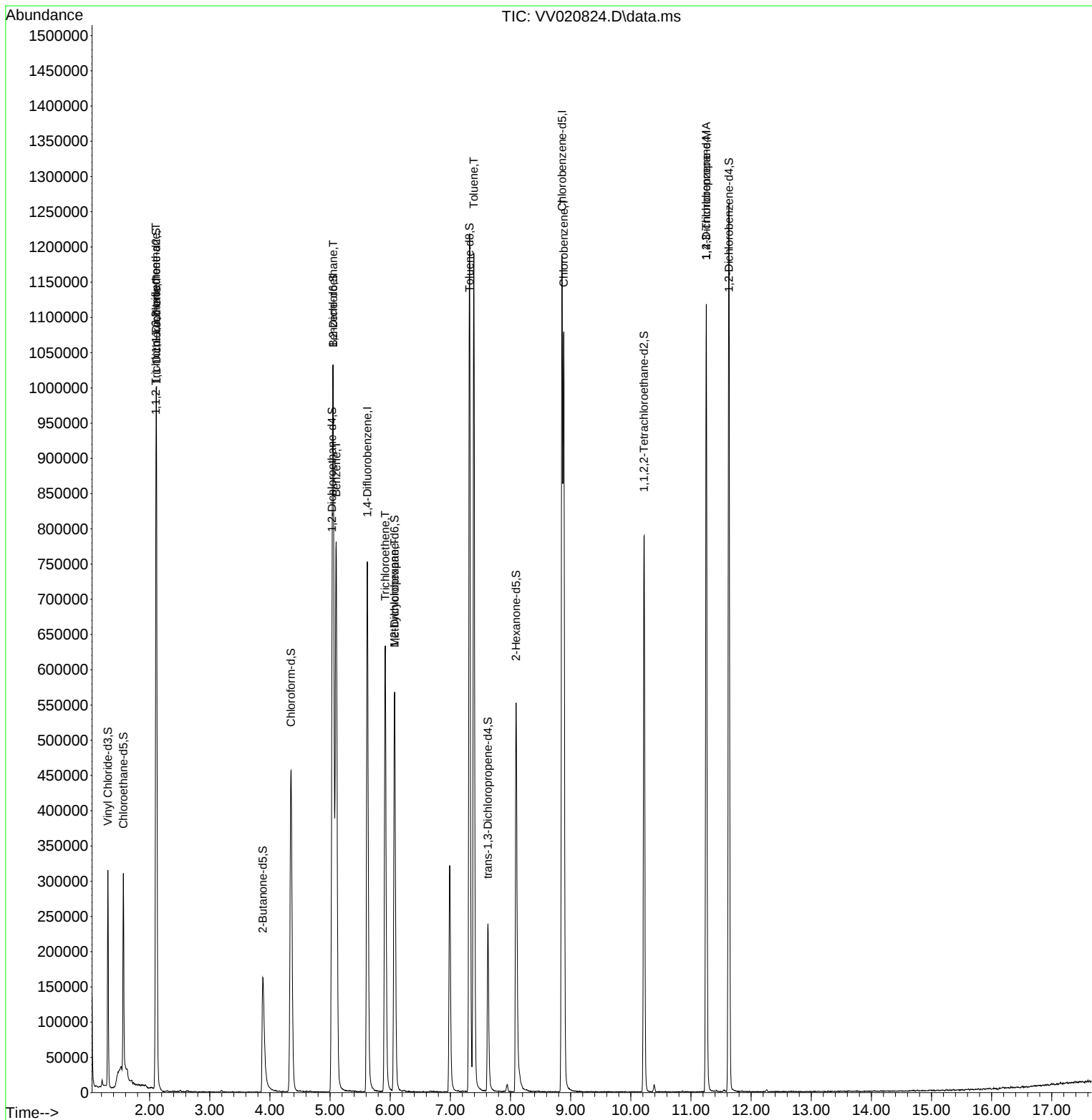
Quant Time: Apr 02 07:16:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 07:14:26 2021
 Response via : Initial Calibration

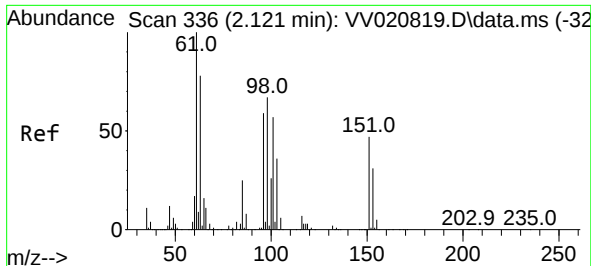
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	642598	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	615705	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	297756	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	185786	40.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.44%		
7) Chloroethane-d5	1.564	69	159245	46.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.34%		
11) 1,1-Dichloroethene-d2	2.108	63	404029	46.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.88%		
21) 2-Butanone-d5	3.883	46	276318	93.10	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.10%		
24) Chloroform-d	4.349	84	471663	52.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.02%		
26) 1,2-Dichloroethane-d4	5.034	65	326008	54.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.16%		
32) Benzene-d6	5.053	84	866656	52.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.62%		
36) 1,2-Dichloropropane-d6	6.072	67	257304	51.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.14%		
41) Toluene-d8	7.320	98	797770	52.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.44%		
43) trans-1,3-Dichloroprop...	7.625	79	133313	49.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.46%		
47) 2-Hexanone-d5	8.091	63	197820	93.64	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.64%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	351126	47.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.68%		
64) 1,2-Dichlorobenzene-d4	11.631	152	326054	56.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.84%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	3551	0.88	ug/L #	21
12) 1,1-Dichloroethene	2.114	96	169703	45.25	ug/L	89
27) 1,2-Dichloroethane	5.053	62	5101	0.75	ug/L	100
33) Benzene	5.101	78	792177	46.65	ug/L	100
34) Trichloroethene	5.918	95	212215	45.59	ug/L	97
35) Methylcyclohexane	6.072	83	68157	9.54	ug/L #	18
42) Toluene	7.390	91	850448	46.07	ug/L	99
51) Chlorobenzene	8.886	112	569745	45.98	ug/L	99
59) 1,2,3-Trichloropropane	11.255	75	28112	4.83	ug/L	92

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

Quant Time: Apr 02 07:16:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 02 07:14:26 2021
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.88 ug/L

RT: 2.105 min Scan# 331

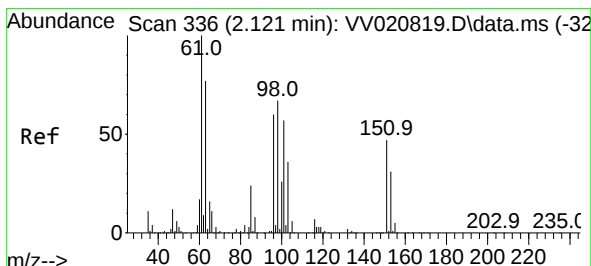
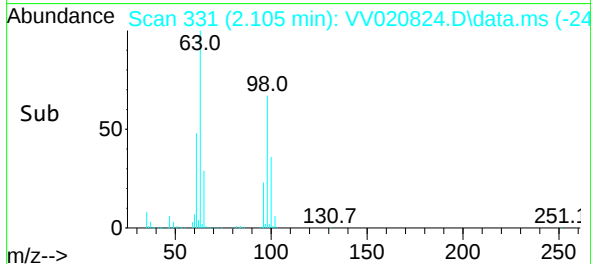
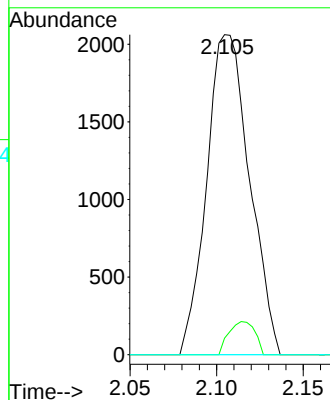
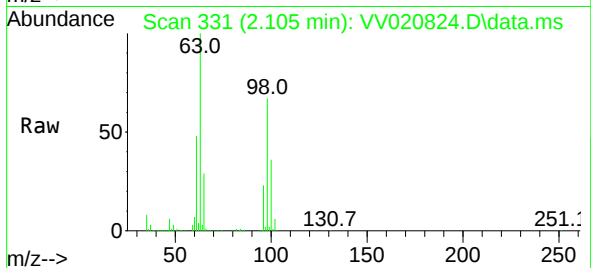
Delta R.T. -0.016 min

Lab File: VV020824.D

Acq: 01 Apr 2021 12:41

Tgt Ion:	101	Resp:	3551
Ion Ratio	Lower	Upper	
101	100		
85	6.3	35.4	53.0#
151	0.0	63.5	95.3#

Instrument :
MSVOA_V
ClientSampled :



#12

1,1-Dichloroethene

Concen: 45.25 ug/L

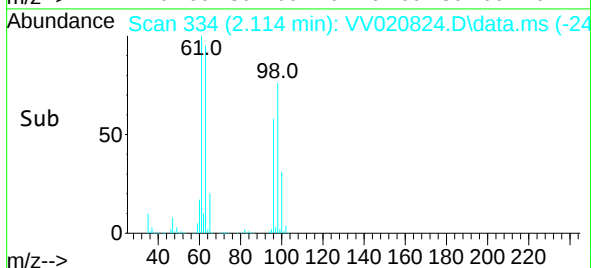
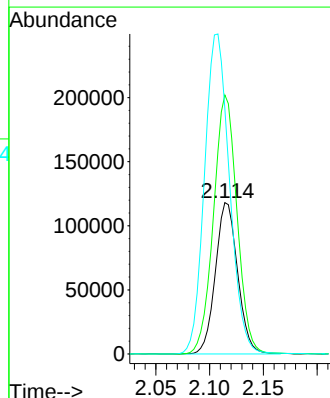
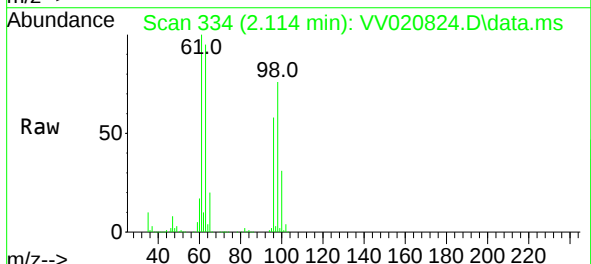
RT: 2.114 min Scan# 334

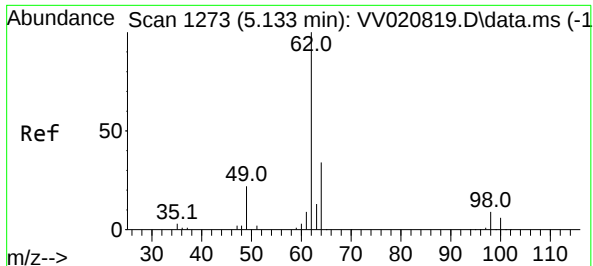
Delta R.T. -0.006 min

Lab File: VV020824.D

Acq: 01 Apr 2021 12:41

Tgt Ion:	96	Resp:	169703
Ion Ratio	Lower	Upper	
96	100		
61	171.1	126.3	234.6
63	162.3	100.2	186.2





#27

1,2-Dichloroethane

Concen: 0.75 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.080 min

Lab File: VV020824.D

Acq: 01 Apr 2021 12:41

Tgt Ion: 62 Resp: 5101

Ion Ratio Lower Upper

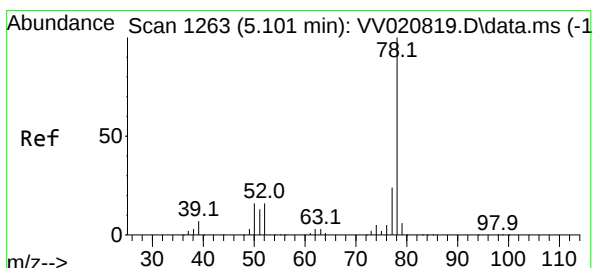
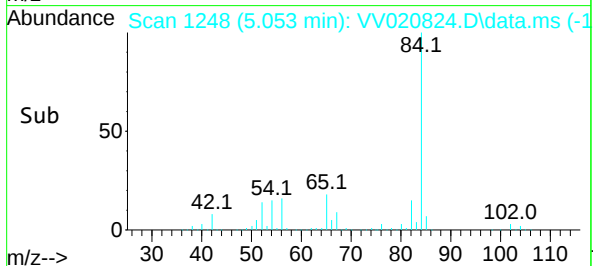
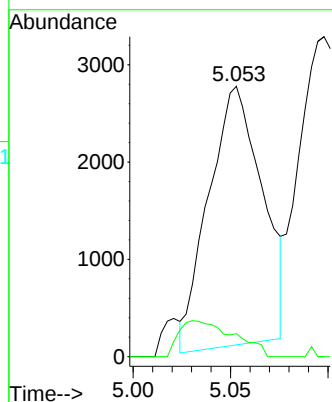
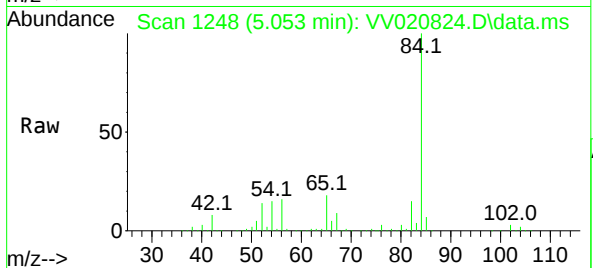
62 100

98 8.5 6.8 10.2

Instrument :

MSVOA_V

ClientSampled :



#33

Benzene

Concen: 46.65 ug/L

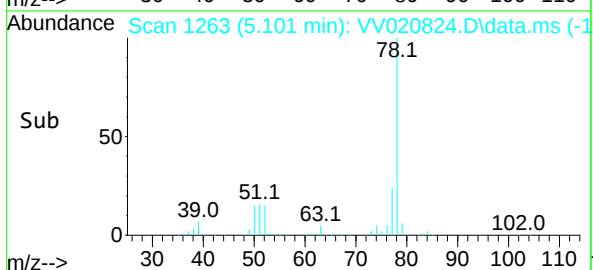
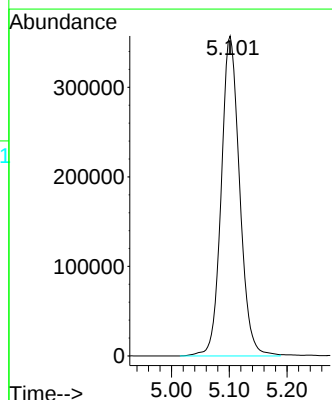
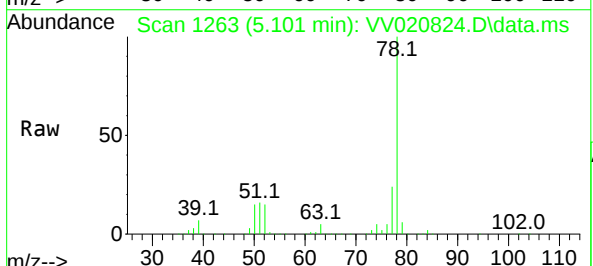
RT: 5.101 min Scan# 1263

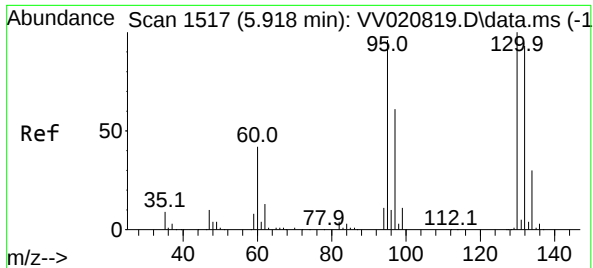
Delta R.T. 0.000 min

Lab File: VV020824.D

Acq: 01 Apr 2021 12:41

Tgt Ion: 78 Resp: 792177



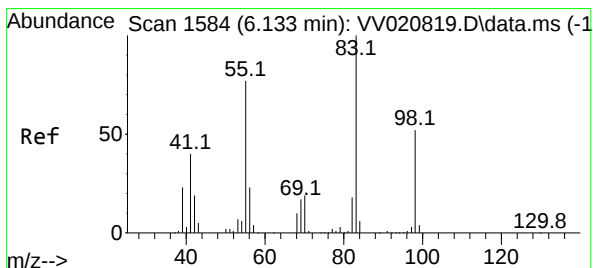
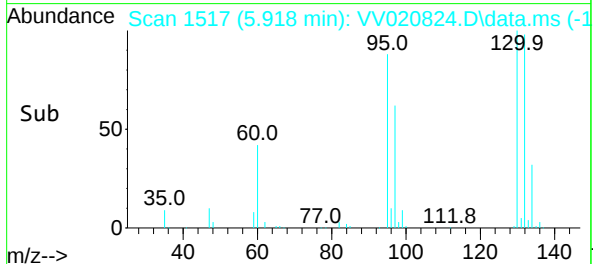
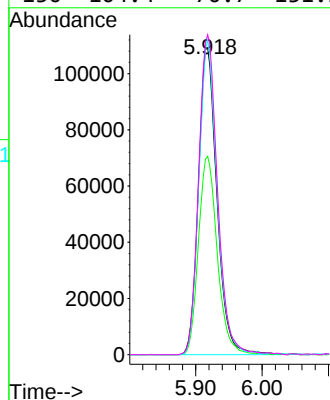
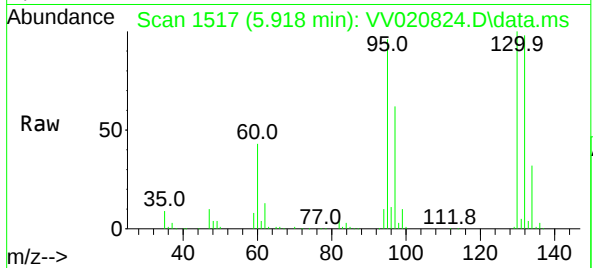


#34
Trichloroethene
Concen: 45.59 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV020824.D
Acq: 01 Apr 2021 12:41

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 212215

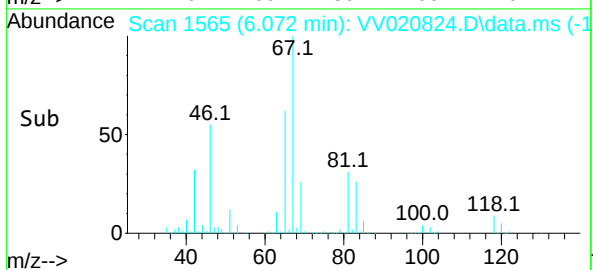
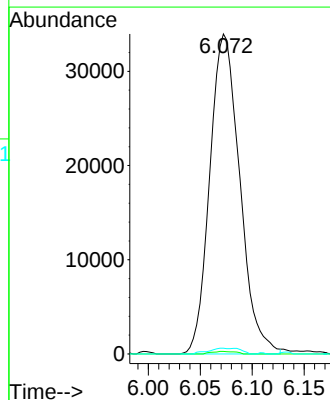
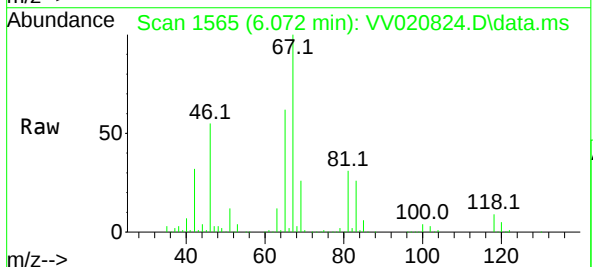
Ion	Ratio	Lower	Upper
95	100		
97	64.7	43.5	80.9
132	102.8	69.5	129.1
130	104.4	70.7	131.3

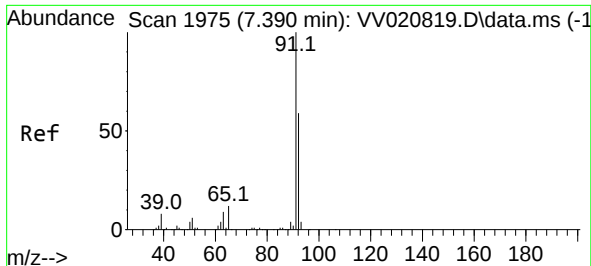


#35
Methylcyclohexane
Concen: 9.54 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV020824.D
Acq: 01 Apr 2021 12:41

Tgt Ion: 83 Resp: 68157

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.7	94.1#
98	0.7	38.9	58.3#

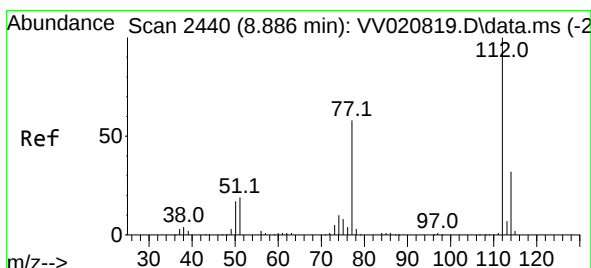
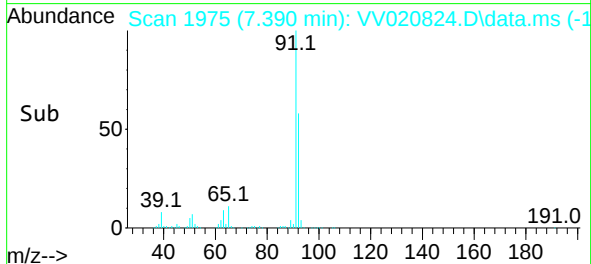
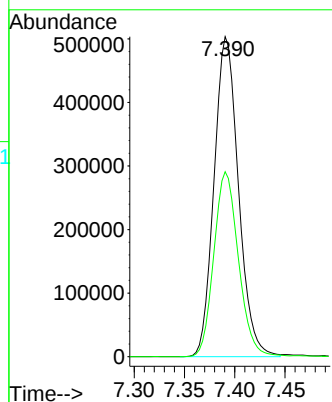
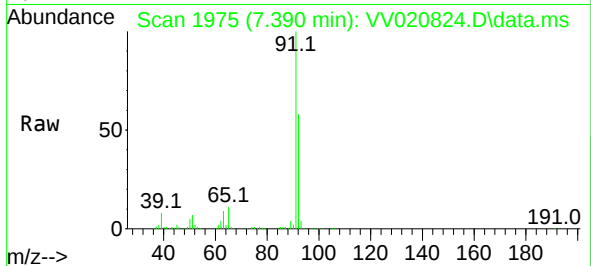




#42
Toluene
Concen: 46.07 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV020824.D
Acq: 01 Apr 2021 12:41

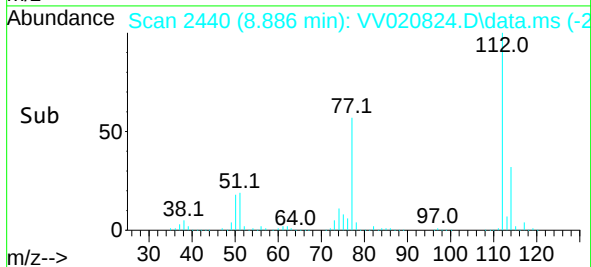
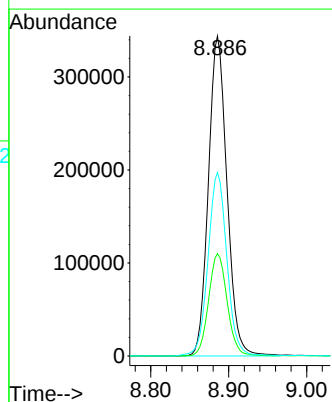
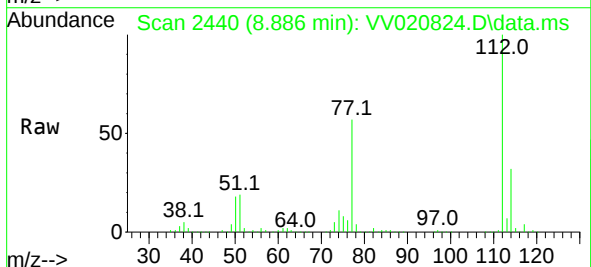
Instrument :
MSVOA_V
ClientSampled :

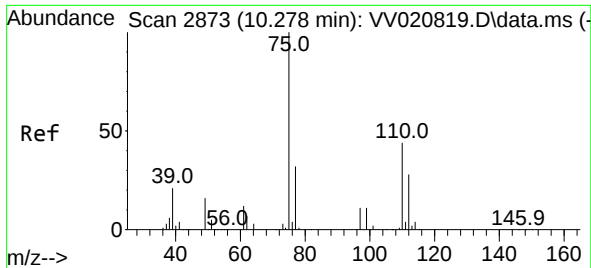
Tgt Ion: 91 Resp: 850448
Ion Ratio Lower Upper
91 100
92 57.8 39.9 74.1



#51
Chlorobenzene
Concen: 45.98 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020824.D
Acq: 01 Apr 2021 12:41

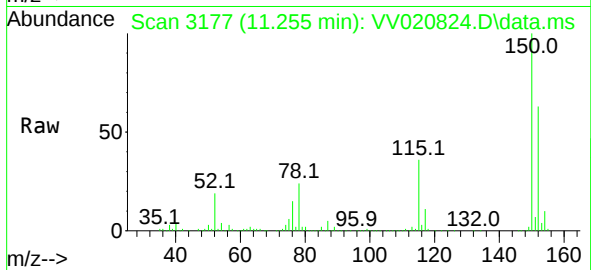
Tgt Ion: 112 Resp: 569745
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 57.4 46.7 70.1





#59
 1,2,3-Trichloropropane
 Concen: 4.83 ug/L
 RT: 11.255 min Scan# 3177
 Delta R.T. 0.977 min
 Lab File: VV020824.D
 Acq: 01 Apr 2021 12:41

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 28112
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.3 37.9

