

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040121\
 Data File : VW020835.D
 Acq On : 01 Apr 2021 13:28
 Operator : SY/MD
 Sample : M1880-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1E2MS

Quant Time: Apr 02 07:17:21 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)

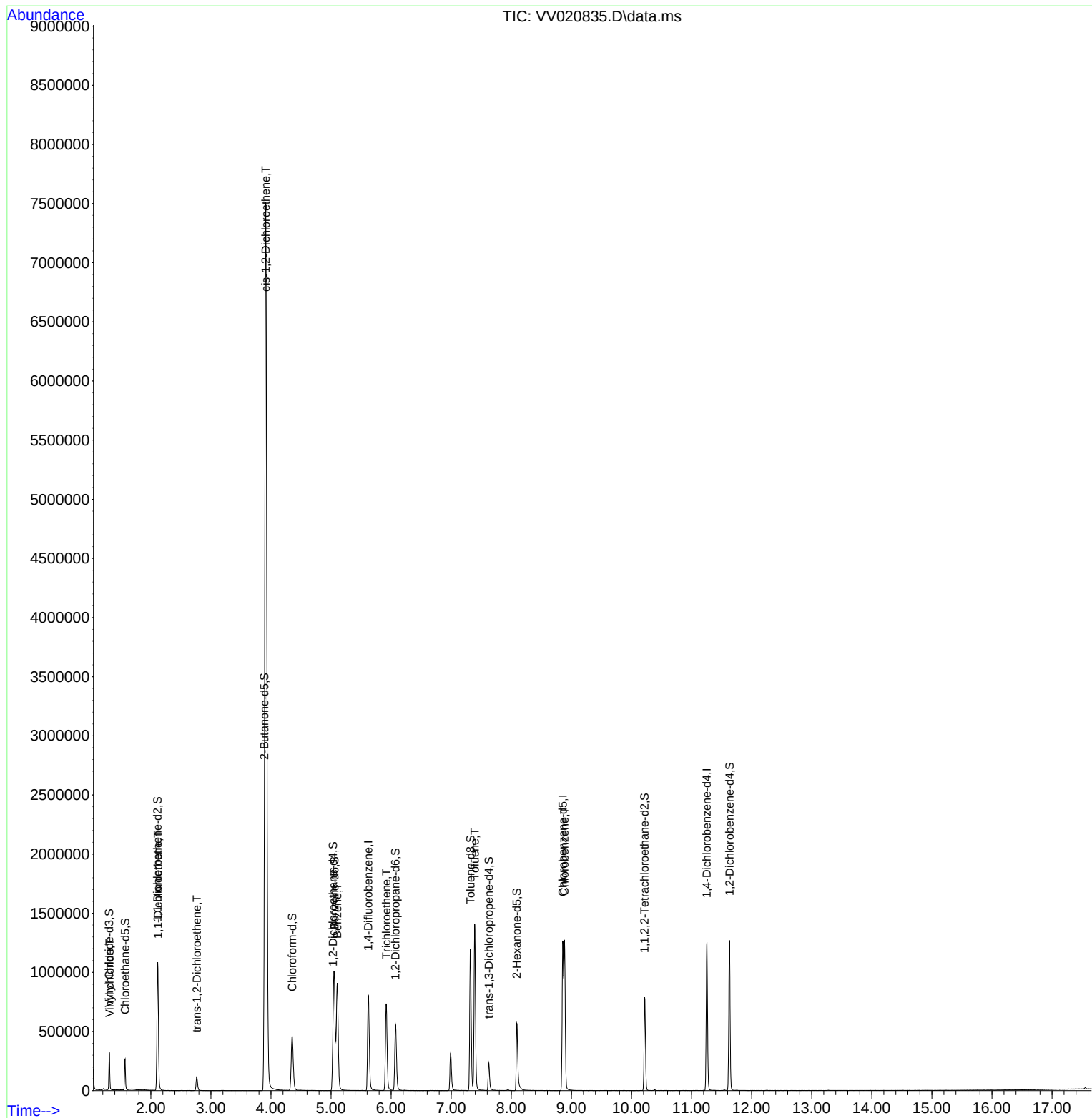
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	691800	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	667847	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	331926	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	182579	37.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.34%		
7) Chloroethane-d5	1.571	69	153911	41.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.90%		
11) 1,1-Dichloroethene-d2	2.111	63	414477	44.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.46%		
21) 2-Butanone-d5	3.889	46	277030	86.70	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.70%		
24) Chloroform-d	4.352	84	469947	48.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.28%		
26) 1,2-Dichloroethane-d4	5.034	65	317618	49.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.78%		
32) Benzene-d6	5.053	84	845278	47.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.96%		
36) 1,2-Dichloropropane-d6	6.072	67	255769	46.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.60%		
41) Toluene-d8	7.320	98	786129	47.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.88%		
43) trans-1,3-Dichloroprop...	7.625	79	133889	46.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.08%		
47) 2-Hexanone-d5	8.092	63	199414	87.03	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.03%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	345357	43.38	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.76%		
64) 1,2-Dichlorobenzene-d4	11.632	152	330764	51.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.68%		
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	14525	2.75	ug/L	88
12) 1,1-Dichloroethene	2.121	96	200303	49.62	ug/L	85
17) trans-1,2-Dichloroethene	2.764	96	44422	9.60	ug/L	96
20) cis-1,2-Dichloroethene	3.912	96	4134343	834.67	ug/L	96
33) Benzene	5.101	78	916221	49.74	ug/L	100
34) Trichloroethene	5.918	95	251754	49.86	ug/L	98
42) Toluene	7.391	91	1006636	50.28	ug/L	99
51) Chlorobenzene	8.886	112	663542	49.37	ug/L	99

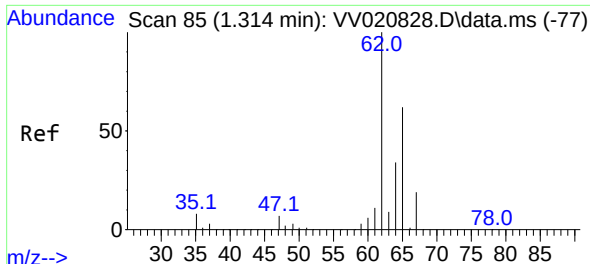
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 02 07:17:21 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

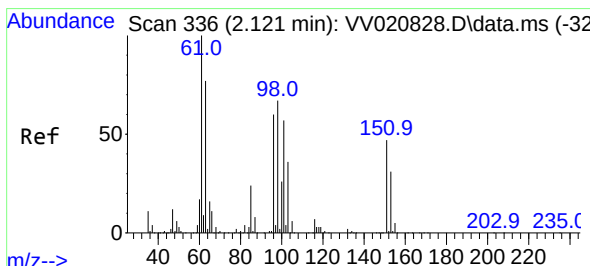
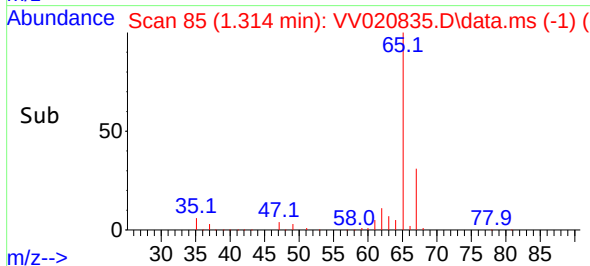
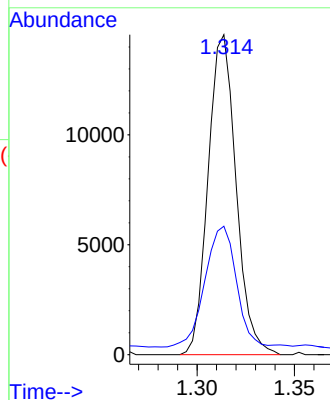
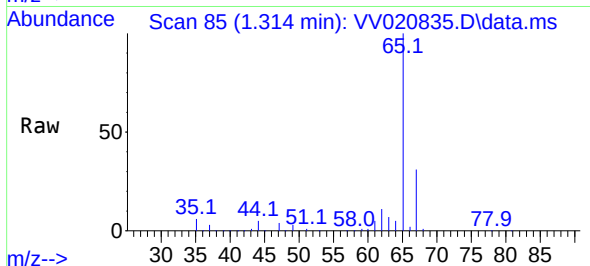




#5
 Vinyl chloride
 Concen: 2.75 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020835.D
 Acq: 01 Apr 2021 13:28

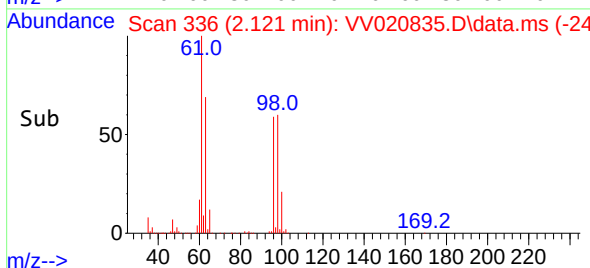
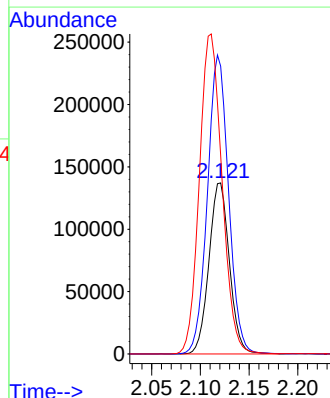
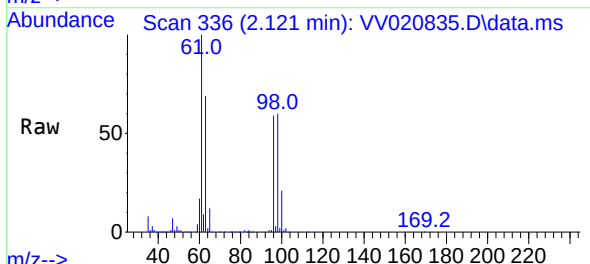
Instrument :
 MSVOA_V
 ClientSampleId :
 EW1E2MS

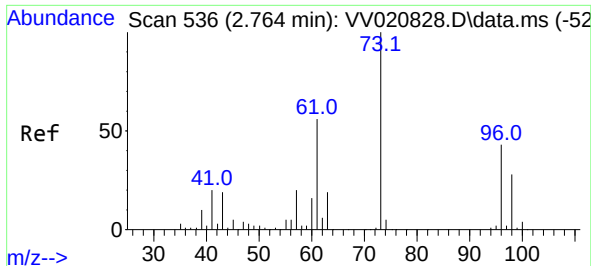
Tgt Ion: 62 Resp: 14525
 Ion Ratio Lower Upper
 62 100
 64 40.1 23.3 43.3



#12
 1,1-Dichloroethene
 Concen: 49.62 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV020835.D
 Acq: 01 Apr 2021 13:28

Tgt Ion: 96 Resp: 200303
 Ion Ratio Lower Upper
 96 100
 61 168.2 126.3 234.6
 63 116.0 100.2 186.2

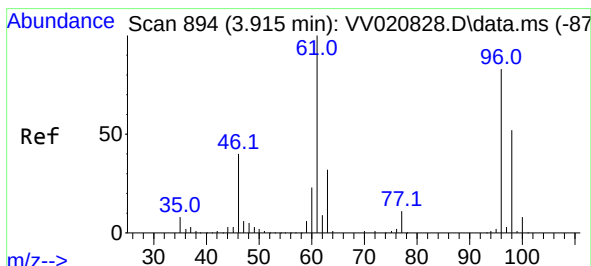
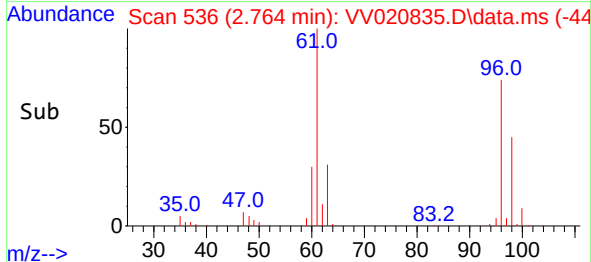
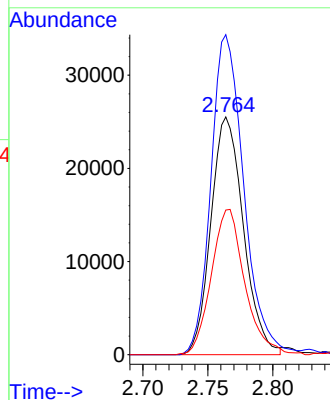
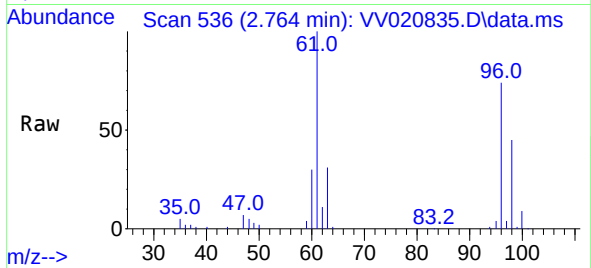




#17
trans-1,2-Dichloroethene
Concen: 9.60 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV020835.D
Acq: 01 Apr 2021 13:28

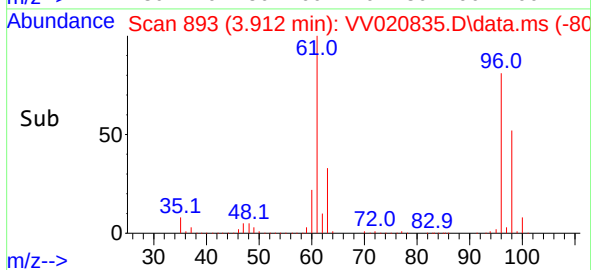
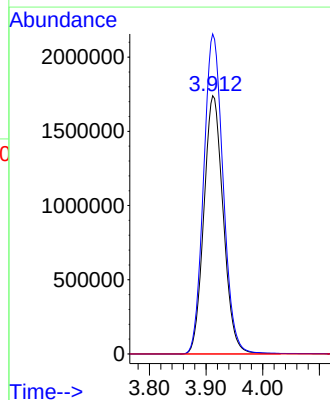
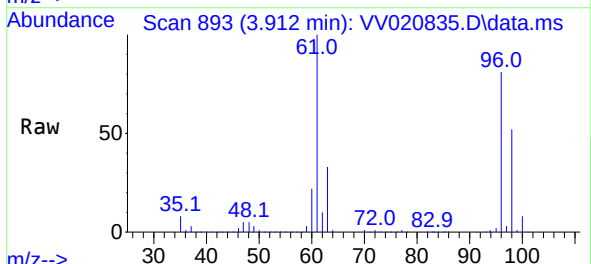
Instrument :
MSVOA_V
ClientSampleId :
EW1E2MS

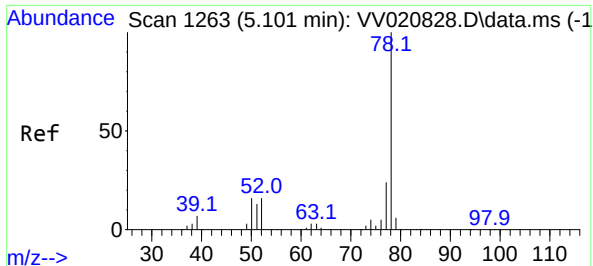
Tgt Ion: 96 Resp: 44422
Ion Ratio Lower Upper
96 100
61 134.6 97.9 181.9
98 60.8 43.9 81.5



#20
cis-1,2-Dichloroethene
Concen: 834.67 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.003 min
Lab File: VV020835.D
Acq: 01 Apr 2021 13:28

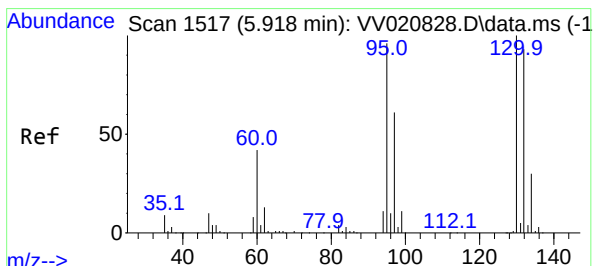
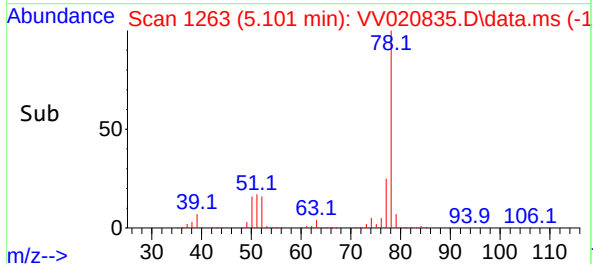
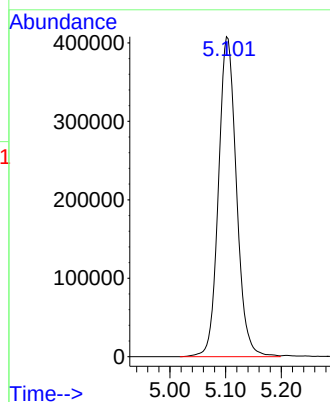
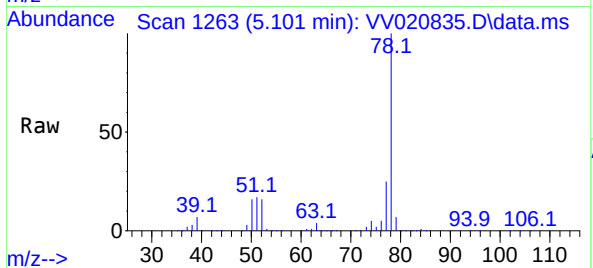
Tgt Ion: 96 Resp: 4134343
Ion Ratio Lower Upper
96 100
61 123.9 89.9 167.0
68 0.0 0.0 0.0





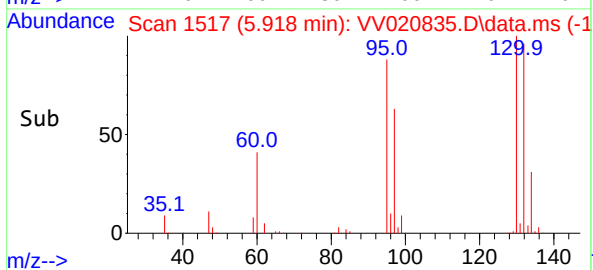
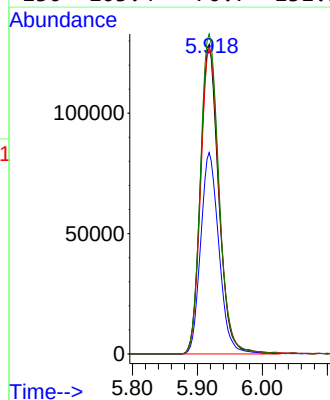
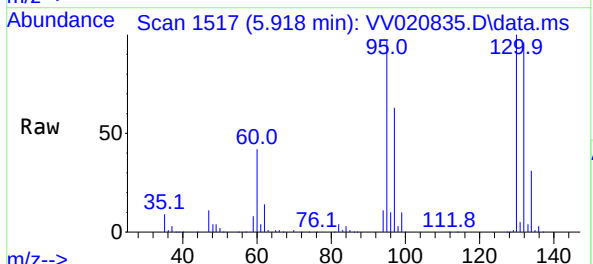
#33
Benzene
Concen: 49.74 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV020835.D
Acq: 01 Apr 2021 13:28
Tgt Ion: 78 Resp: 916221

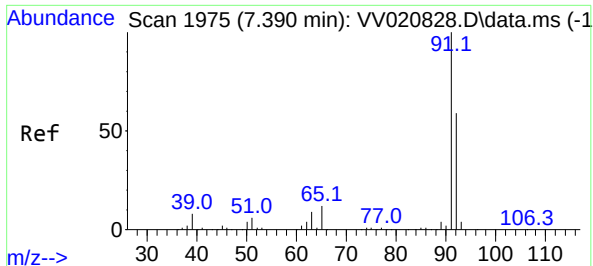
Instrument :
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#34
Trichloroethene
Concen: 49.86 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV020835.D
Acq: 01 Apr 2021 13:28
Tgt Ion: 95 Resp: 251754

Ion	Ratio	Lower	Upper
95	100		
97	65.1	43.5	80.9
132	98.9	69.5	129.1
130	103.4	70.7	131.3





#42

Toluene

Concen: 50.28 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV020835.D

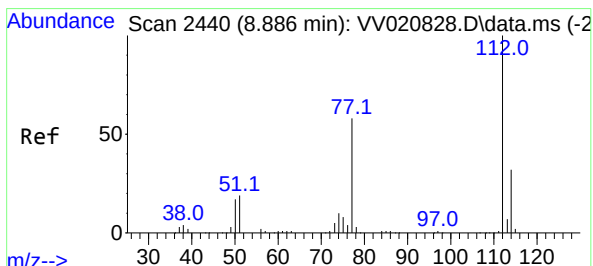
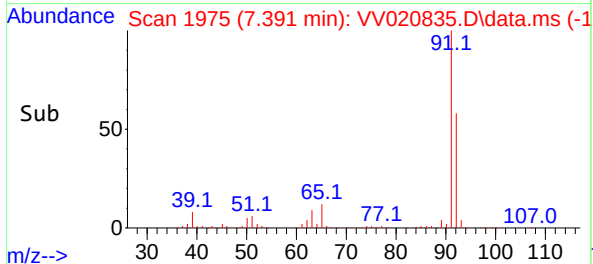
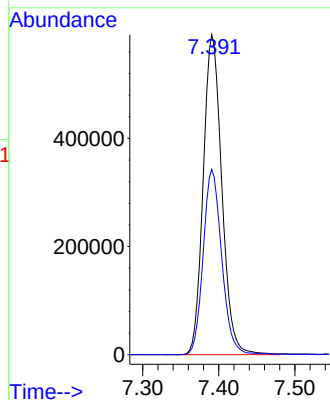
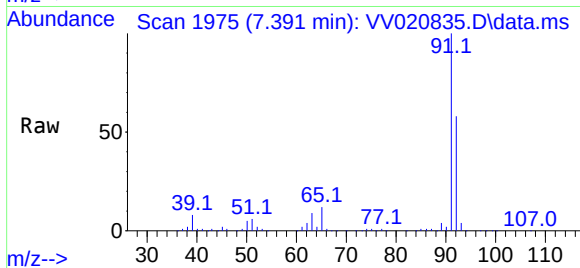
Acq: 01 Apr 2021 13:28

Tgt Ion: 91 Resp: 1006636

Ion Ratio Lower Upper

91 100

92 57.9 39.9 74.1



#51

Chlorobenzene

Concen: 49.37 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.000 min

Lab File: VV020835.D

Acq: 01 Apr 2021 13:28

Tgt Ion: 112 Resp: 663542

Ion Ratio Lower Upper

112 100

114 31.4 22.4 41.6

77 57.4 46.7 70.1

