

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040521\
 Data File : VW020916.D
 Acq On : 05 Apr 2021 15:44
 Operator : SY/MD
 Sample : M1879-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1A5

Quant Time: Apr 06 06:24:09 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)

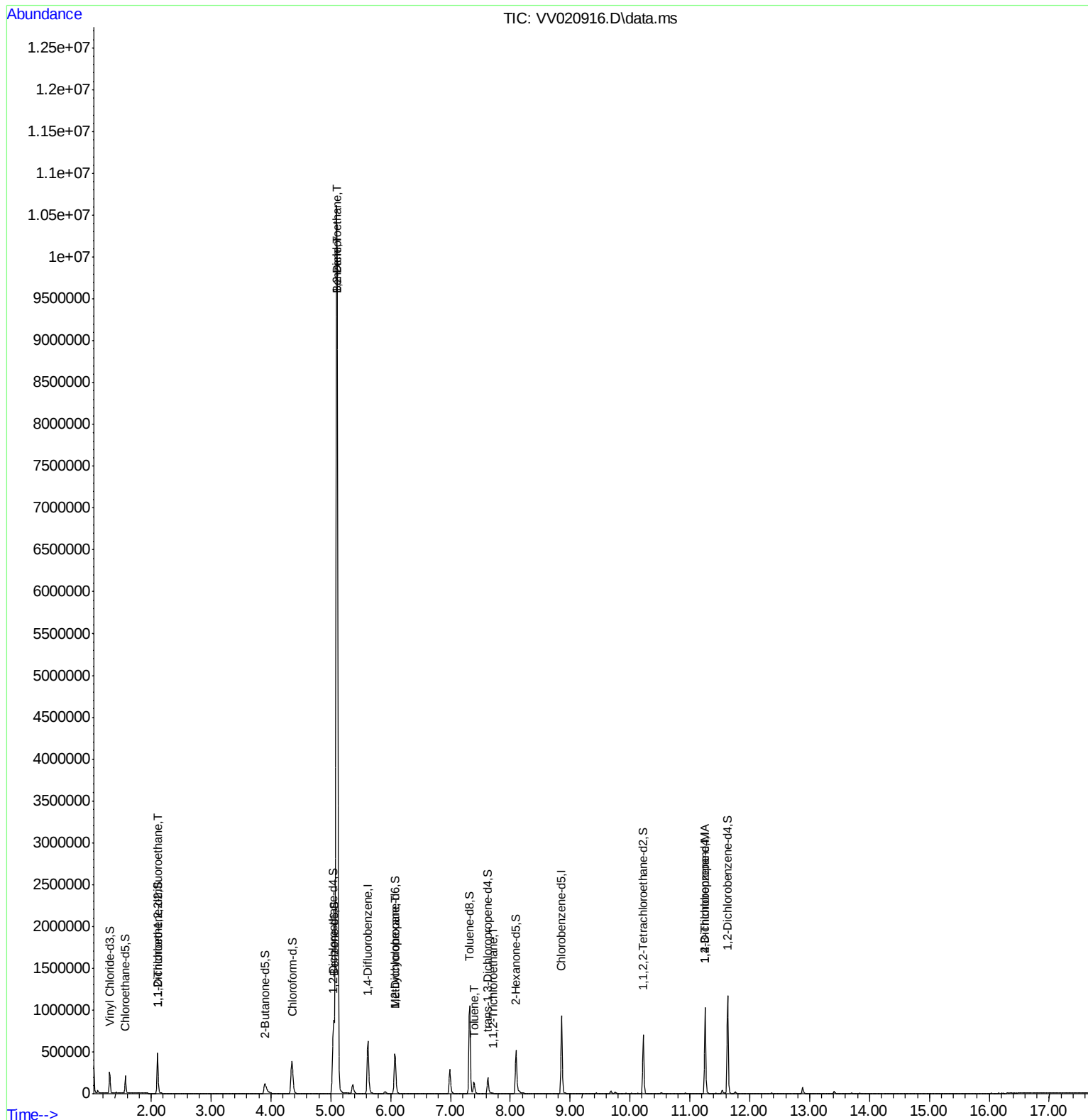
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	555578	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	516735	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	278236	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	156867	39.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.54%		
7) Chloroethane-d5	1.571	69	126875	42.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.10%		
11) 1,1-Dichloroethene-d2	2.108	63	245410	32.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.96%		
21) 2-Butanone-d5	3.902	46	243581	94.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.92%		
24) Chloroform-d	4.352	84	398383	50.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.62%		
26) 1,2-Dichloroethane-d4	5.037	65	278816	53.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.98%		
32) Benzene-d6	5.053	84	735431	53.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.78%		
36) 1,2-Dichloropropane-d6	6.072	67	213856	50.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.14%		
41) Toluene-d8	7.320	98	699058	54.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.06%		
43) trans-1,3-Dichloroprop...	7.625	79	116099	51.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.20%		
47) 2-Hexanone-d5	8.095	63	188930	106.57	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.57%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	302068	49.04	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.08%		
64) 1,2-Dichlorobenzene-d4	11.631	152	308266	57.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.18%		
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2477	0.71	ug/L #	21
27) 1,2-Dichloroethane	5.101	62	100263	17.08	ug/L #	76
33) Benzene	5.101	78	10652733	747.44	ug/L	100
35) Methylcyclohexane	6.072	83	61491	10.26	ug/L #	18
42) Toluene	7.394	91	100287	6.47	ug/L	99
45) 1,1,2-Trichloroethane	7.712	97	3135	0.85	ug/L #	15
59) 1,2,3-Trichloropropane	11.255	75	26172	5.36	ug/L	95

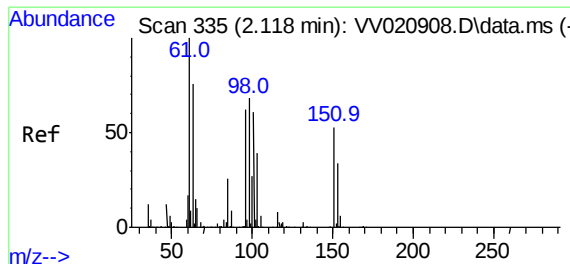
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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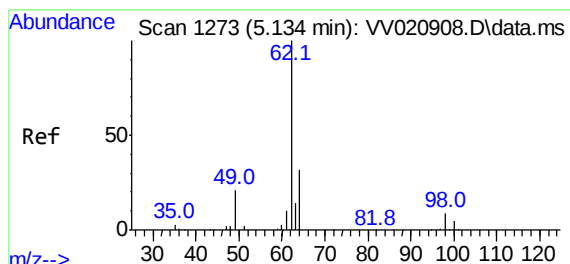
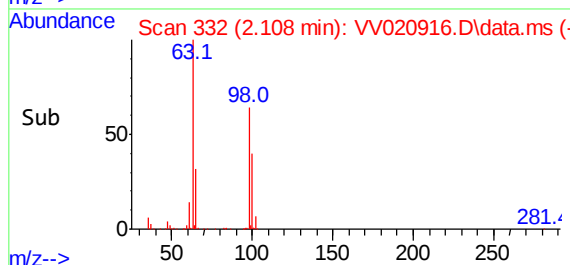
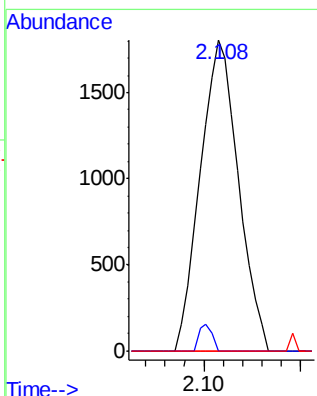
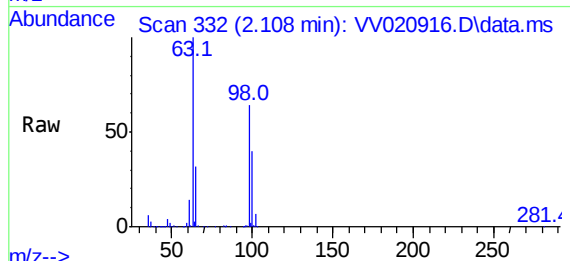




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.71 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.010 min
 Lab File: VV020916.D
 Acq: 05 Apr 2021 15:44

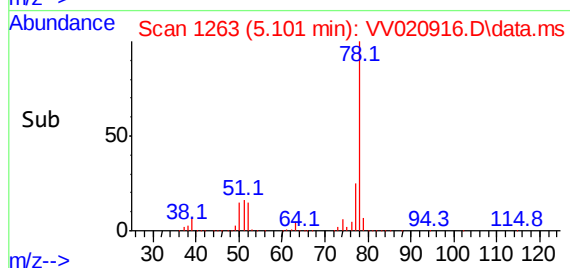
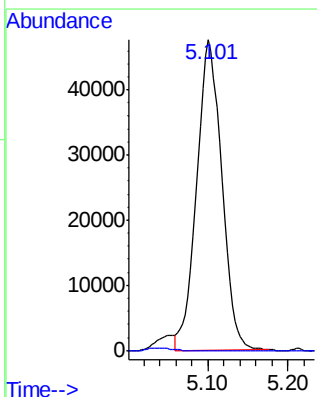
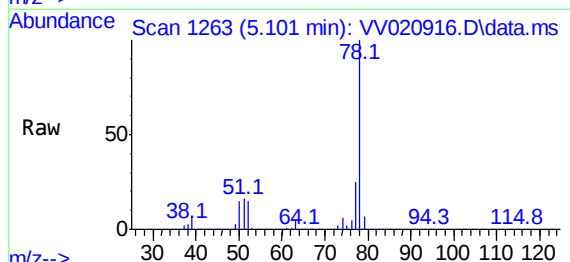
Instrument :
 MSVOA_V
 ClientSampleId :
 EW1A5

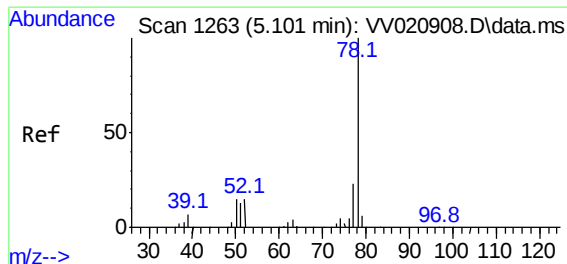
Tgt Ion:101 Resp: 2477
 Ion Ratio Lower Upper
 101 100
 85 3.0 35.4 53.0#
 151 1.9 63.5 95.3#



#27
 1,2-Dichloroethane
 Concen: 17.08 ug/L
 RT: 5.101 min Scan# 1263
 Delta R.T. -0.032 min
 Lab File: VV020916.D
 Acq: 05 Apr 2021 15:44

Tgt Ion: 62 Resp: 100263
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.8 10.2#

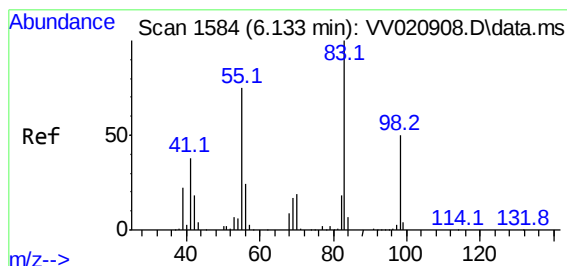
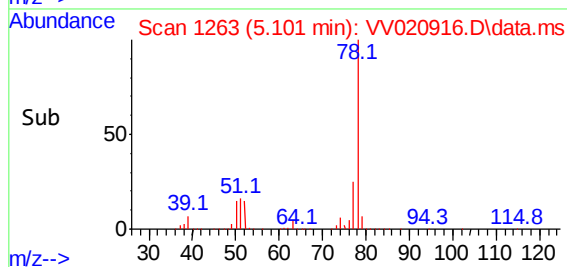
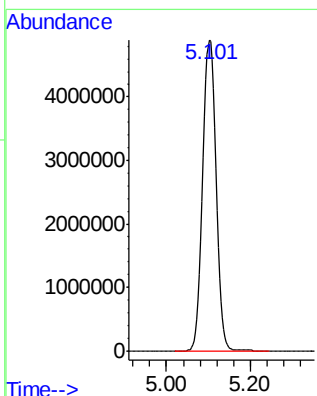
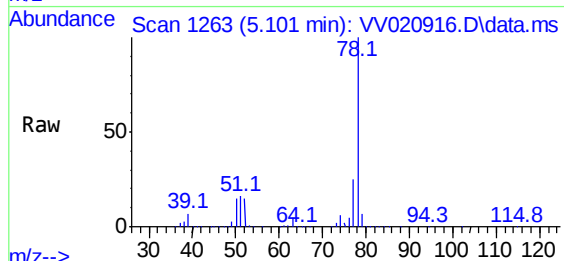




#33
Benzene
Concen: 747.44 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV020916.D
Acq: 05 Apr 2021 15:44

Instrument :
MSVOA_V
ClientSampled :
EW1A5

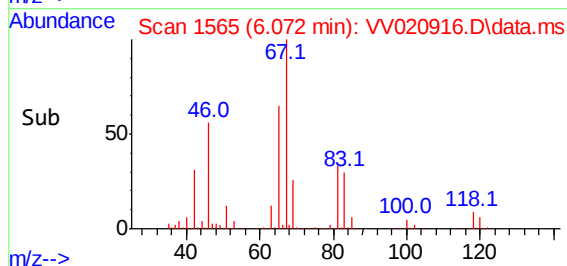
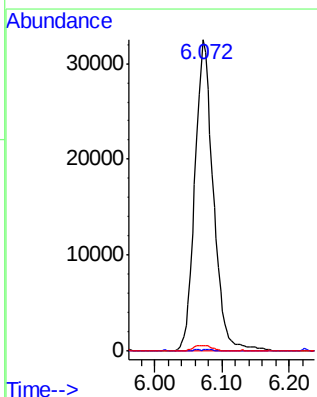
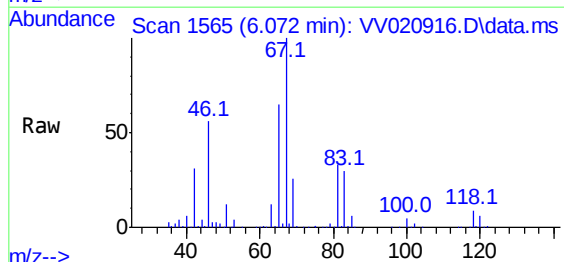
Tgt Ion: 78 Resp:10652733

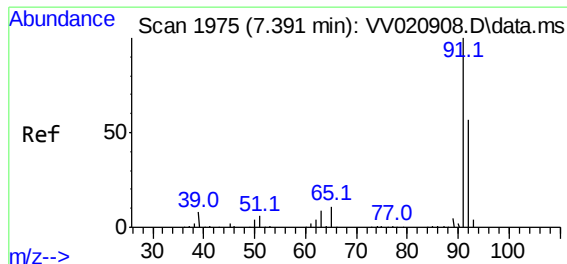


#35
Methylcyclohexane
Concen: 10.26 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV020916.D
Acq: 05 Apr 2021 15:44

Tgt Ion: 83 Resp: 61491

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.7	94.1#
98	1.6	38.9	58.3#

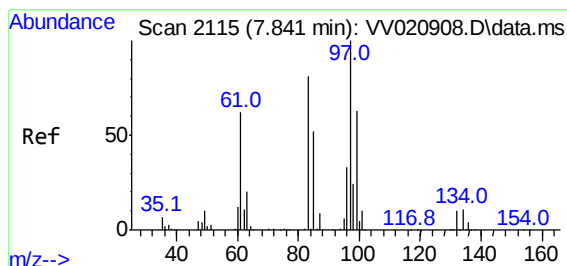
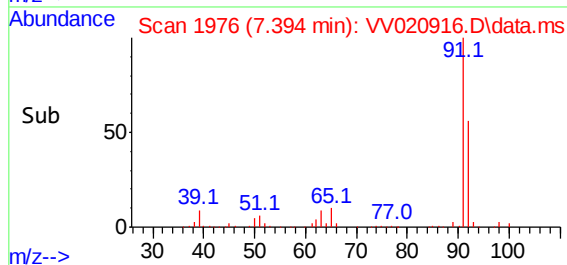
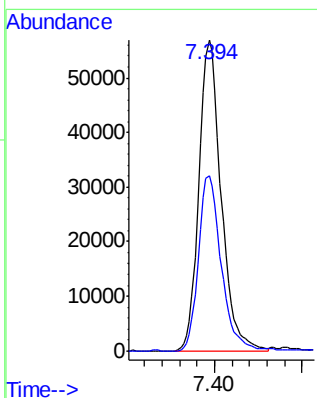
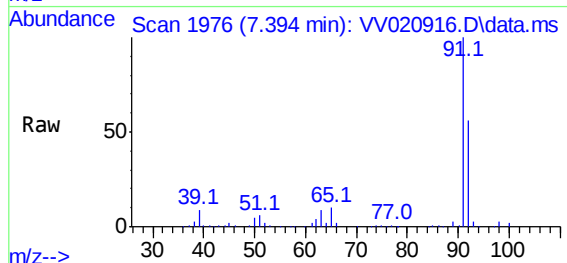




#42
Toluene
Concen: 6.47 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV020916.D
Acq: 05 Apr 2021 15:44

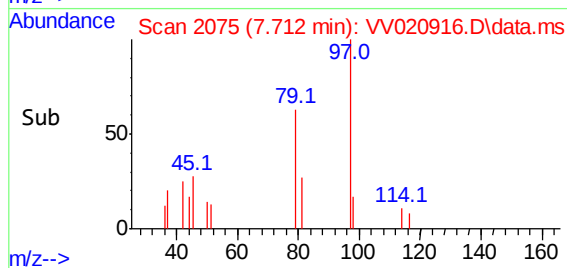
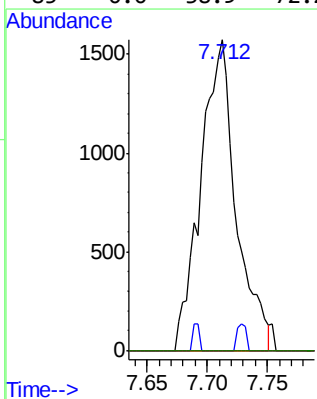
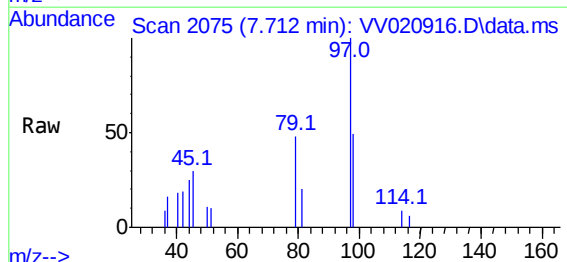
Instrument :
MSVOA_V
ClientSampled :
EW1A5

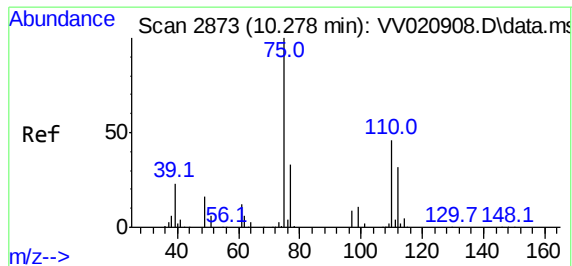
Tgt Ion: 91 Resp: 100287
Ion Ratio Lower Upper
91 100
92 56.2 39.9 74.1



#45
1,1,2-Trichloroethane
Concen: 0.85 ug/L
RT: 7.712 min Scan# 2075
Delta R.T. -0.129 min
Lab File: VV020916.D
Acq: 05 Apr 2021 15:44

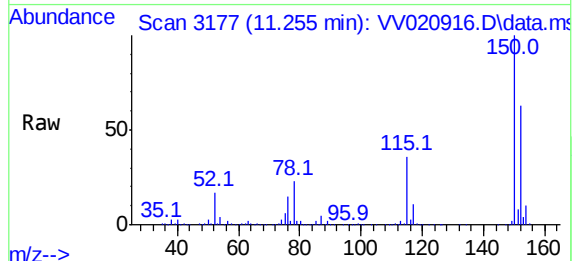
Tgt Ion: 97 Resp: 3135
Ion Ratio Lower Upper
97 100
99 0.0 44.1 81.9#
83 0.0 60.7 112.7#
85 0.0 38.9 72.2#





#59
 1,2,3-Trichloropropane
 Concen: 5.36 ug/L
 RT: 11.255 min Scan# 3177
 Delta R.T. 0.977 min
 Lab File: VV020916.D
 Acq: 05 Apr 2021 15:44

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1A5



Tgt Ion: 75 Resp: 26172
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.3 37.9

