

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040121\
 Data File : VV020823.D
 Acq On : 01 Apr 2021 12:18
 Operator : SY/MD
 Sample : M1845-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

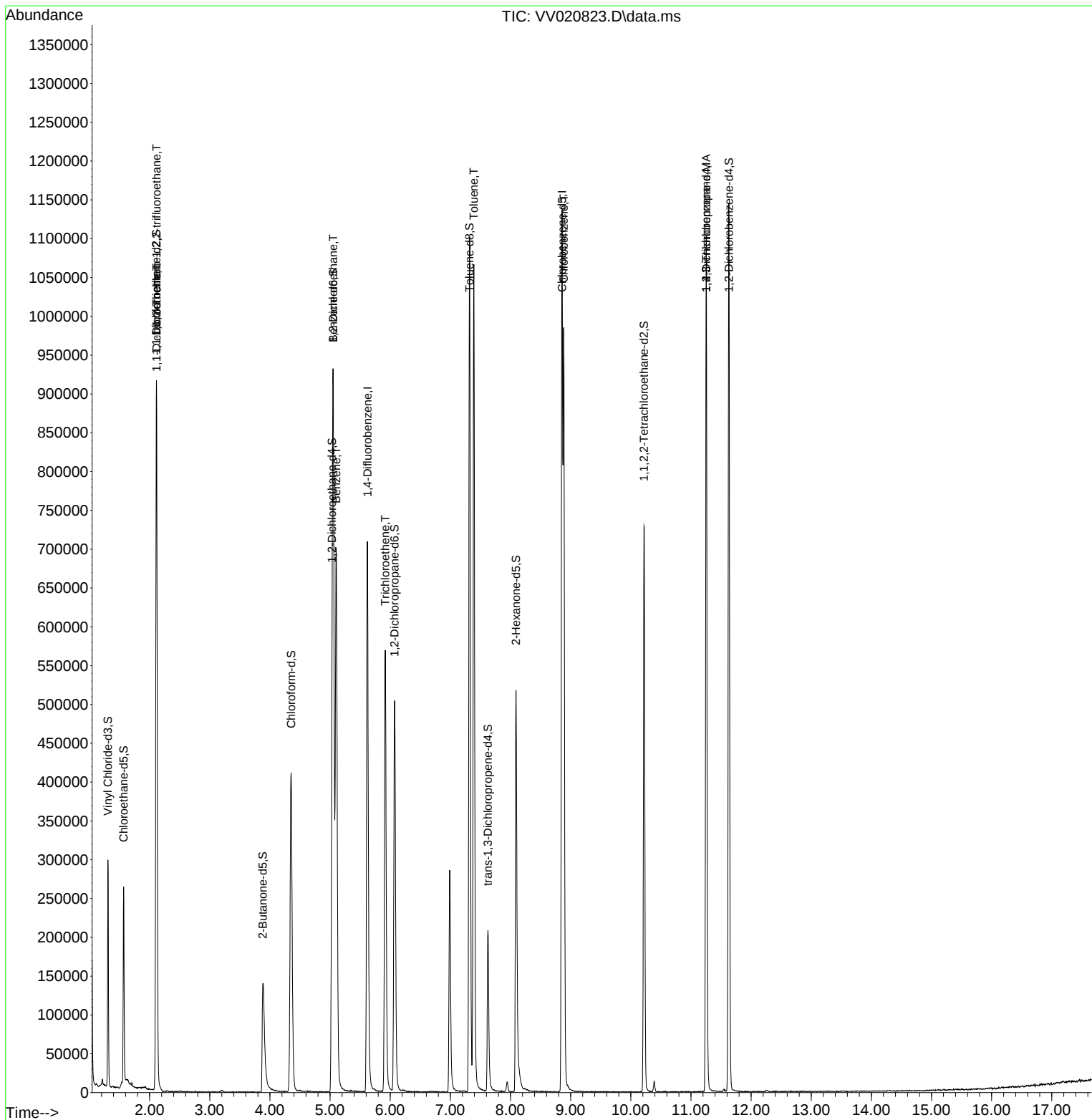
Quant Time: Apr 02 07:16:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 07:14:26 2021
 Response via : Initial Calibration

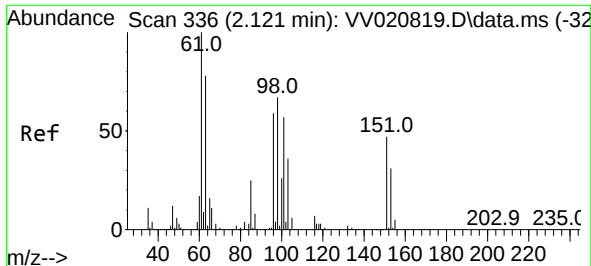
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	614015	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	597806	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	290654	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	172926	39.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.34%		
7) Chloroethane-d5	1.568	69	142512	43.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.48%		
11) 1,1-Dichloroethene-d2	2.111	63	366548	44.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.14%		
21) 2-Butanone-d5	3.883	46	247364	87.22	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.22%		
24) Chloroform-d	4.352	84	423798	48.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.82%		
26) 1,2-Dichloroethane-d4	5.034	65	289233	50.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.36%		
32) Benzene-d6	5.053	84	786656	49.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.74%		
36) 1,2-Dichloropropane-d6	6.072	67	232258	47.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.96%		
41) Toluene-d8	7.320	98	724304	48.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.66%		
43) trans-1,3-Dichloroprop...	7.625	79	123691	47.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.04%		
47) 2-Hexanone-d5	8.091	63	179918	87.72	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.72%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	320418	44.96	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.92%		
64) 1,2-Dichlorobenzene-d4	11.632	152	300837	53.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.66%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	3150	0.82	ug/L	# 21
12) 1,1-Dichloroethene	2.117	96	156438	43.66	ug/L	86
27) 1,2-Dichloroethane	5.053	62	4628	0.71	ug/L	98
33) Benzene	5.101	78	710690	43.10	ug/L	100
34) Trichloroethene	5.918	95	193749	42.87	ug/L	98
42) Toluene	7.391	91	775604	43.28	ug/L	98
51) Chlorobenzene	8.886	112	518542	43.10	ug/L	99
59) 1,2,3-Trichloropropane	11.255	75	29112	5.16	ug/L	96

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

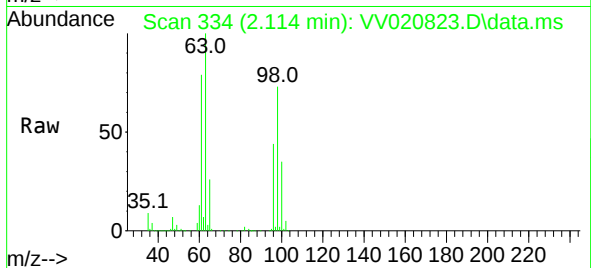
Quant Time: Apr 02 07:16:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
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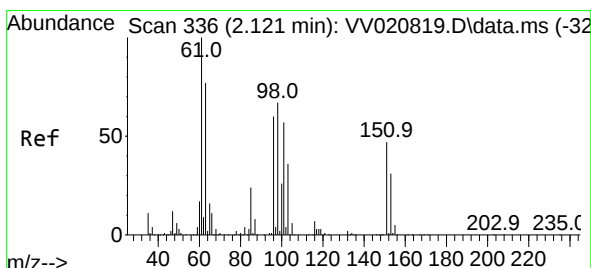
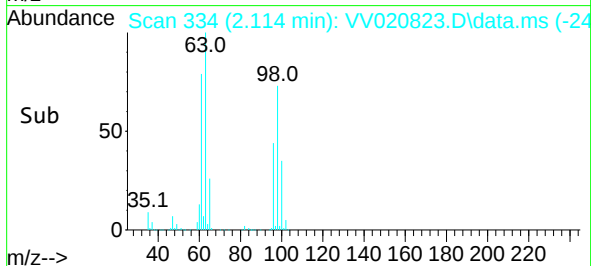
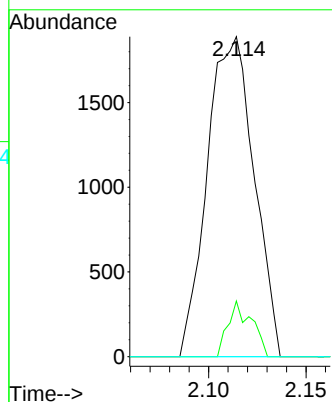


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.82 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.006 min
 Lab File: VV020823.D
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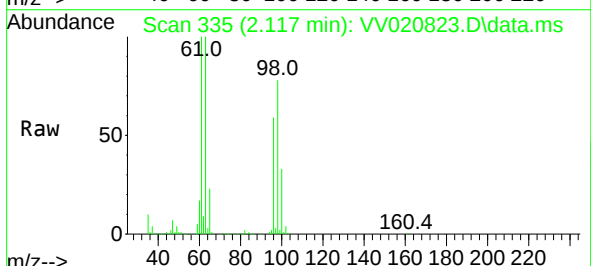
Instrument :
 MSVOA_V
 ClientSampleId :



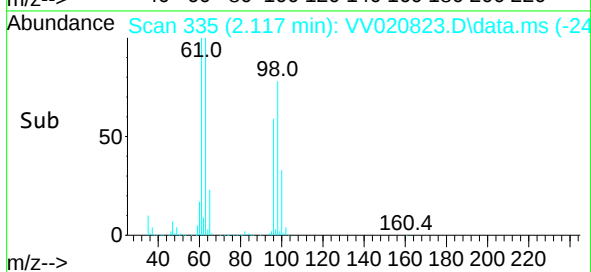
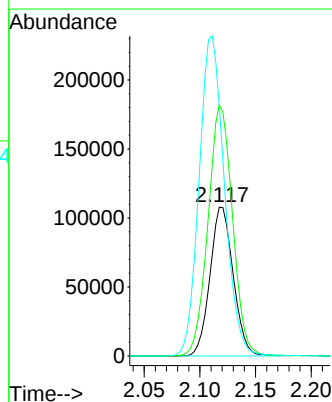
Tgt Ion: 101 Resp: 3150
 Ion Ratio Lower Upper
 101 100
 85 5.4 35.4 53.0#
 151 0.0 63.5 95.3#

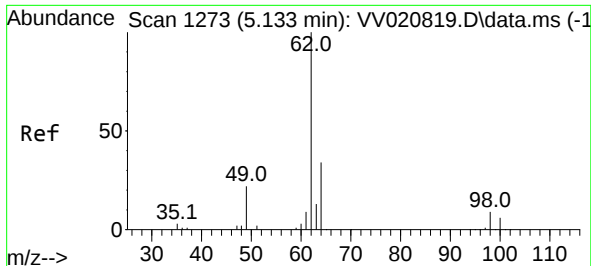


#12
 1,1-Dichloroethene
 Concen: 43.66 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV020823.D
 Acq: 01 Apr 2021 12:18



Tgt Ion: 96 Resp: 156438
 Ion Ratio Lower Upper
 96 100
 61 168.8 126.3 234.6
 63 168.5 100.2 186.2





#27

1,2-Dichloroethane

Concen: 0.71 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.080 min

Lab File: VV020823.D

Acq: 01 Apr 2021 12:18

Tgt Ion: 62 Resp: 4628

Ion Ratio Lower Upper

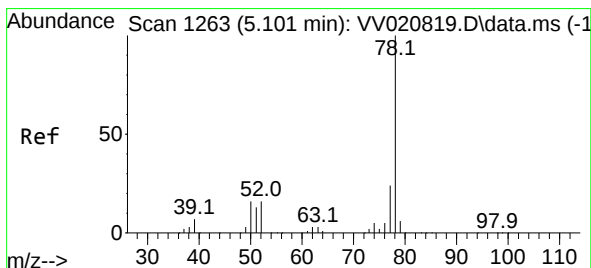
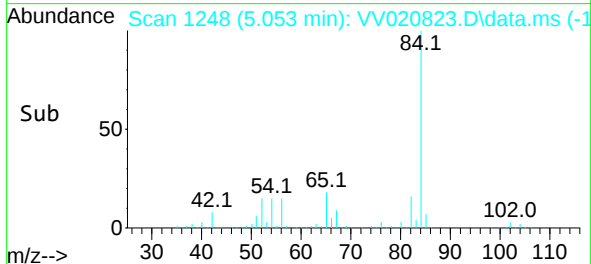
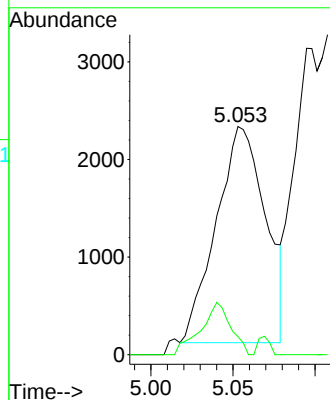
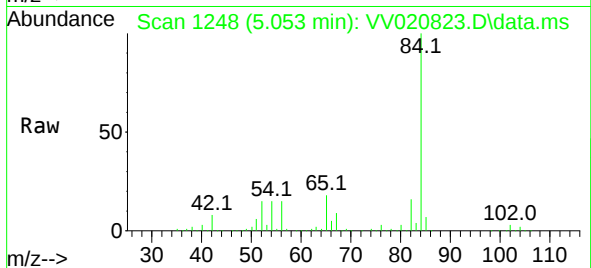
62 100

98 7.9 6.8 10.2

Instrument :

MSVOA_V

ClientSampled :



#33

Benzene

Concen: 43.10 ug/L

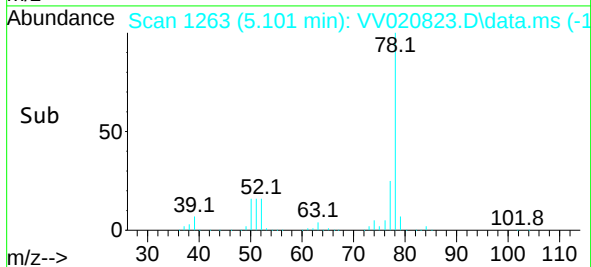
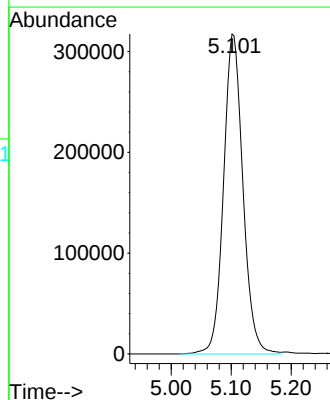
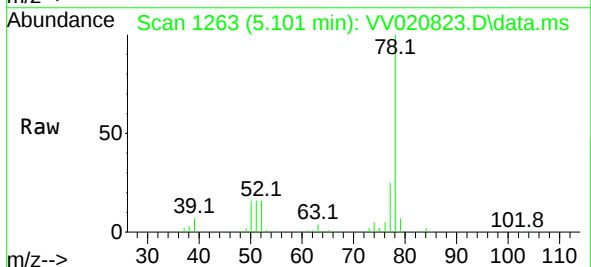
RT: 5.101 min Scan# 1263

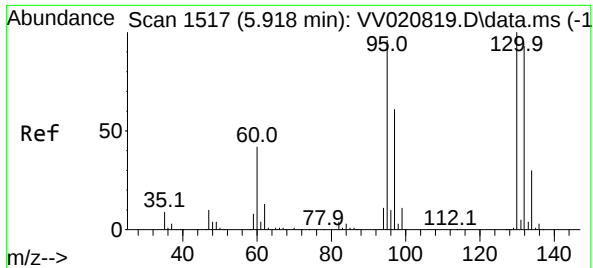
Delta R.T. 0.000 min

Lab File: VV020823.D

Acq: 01 Apr 2021 12:18

Tgt Ion: 78 Resp: 710690



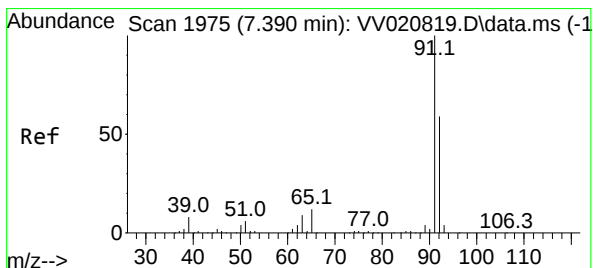
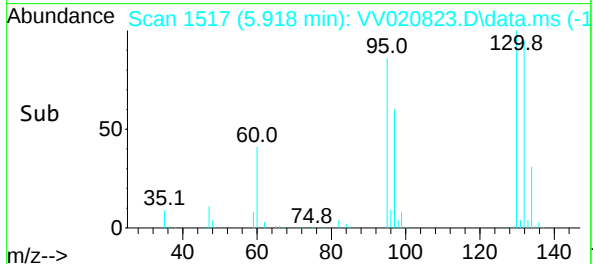
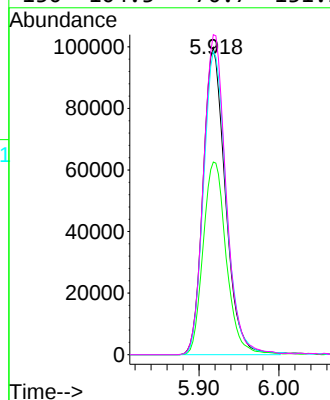
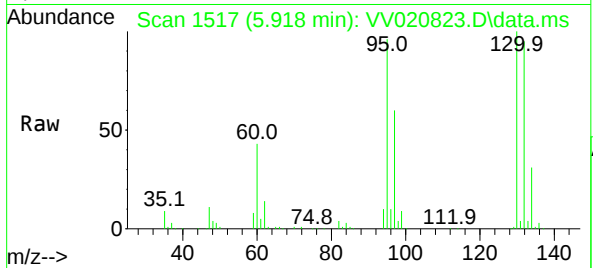


#34
Trichloroethene
Concen: 42.87 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV020823.D
Acq: 01 Apr 2021 12:18

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 193749

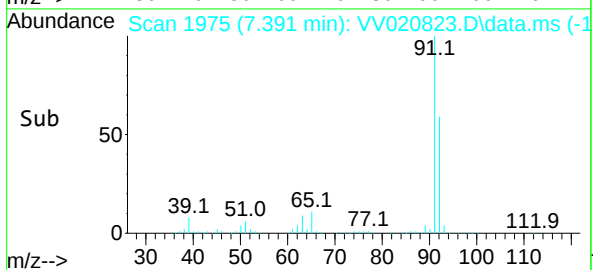
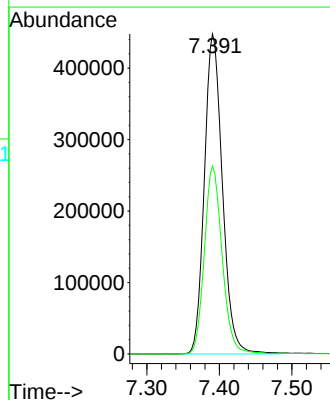
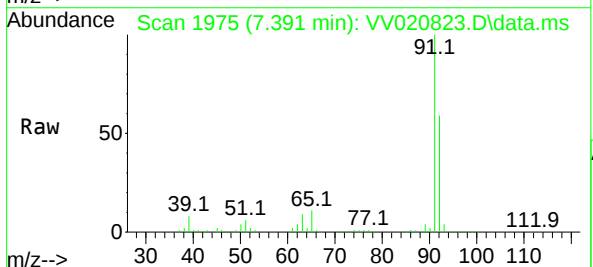
Ion	Ratio	Lower	Upper
95	100		
97	62.8	43.5	80.9
132	98.8	69.5	129.1
130	104.3	70.7	131.3

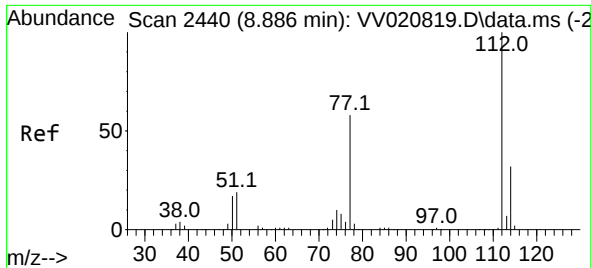


#42
Toluene
Concen: 43.28 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV020823.D
Acq: 01 Apr 2021 12:18

Tgt Ion: 91 Resp: 775604

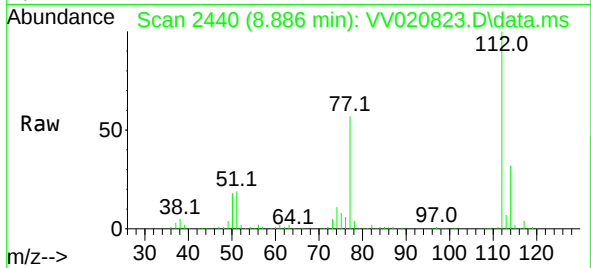
Ion	Ratio	Lower	Upper
91	100		
92	58.8	39.9	74.1



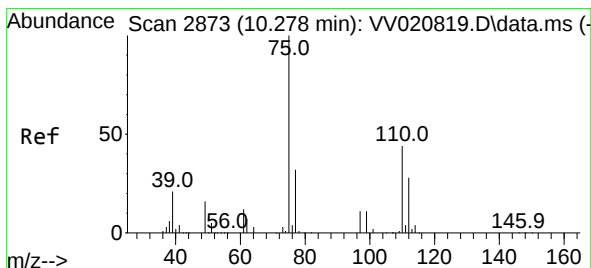
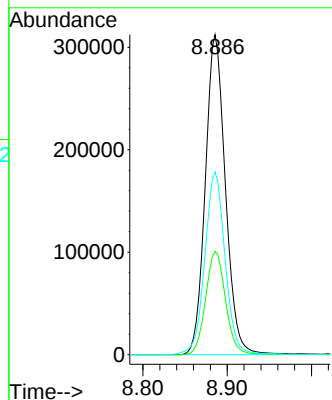
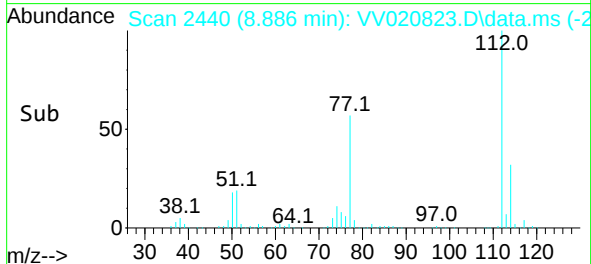


#51
Chlorobenzene
Concen: 43.10 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020823.D
Acq: 01 Apr 2021 12:18

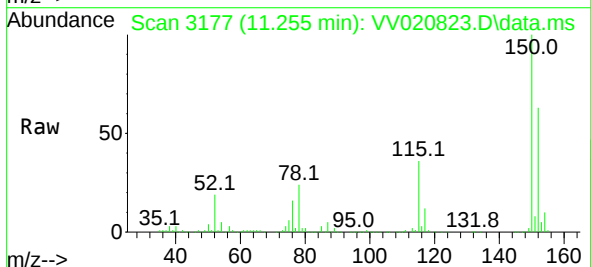
Instrument :
MSVOA_V
ClientSampled :



Tgt Ion:112 Resp: 518542
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 57.1 46.7 70.1



#59
1,2,3-Trichloropropane
Concen: 5.16 ug/L
RT: 11.255 min Scan# 3177
Delta R.T. 0.978 min
Lab File: VV020823.D
Acq: 01 Apr 2021 12:18



Tgt Ion: 75 Resp: 29112
Ion Ratio Lower Upper
75 100
77 33.9 25.3 37.9

