

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040121\
 Data File : VV020841.D
 Acq On : 01 Apr 2021 19:25
 Operator : SY/MD
 Sample : M1879-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

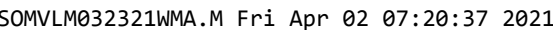
Quant Time: Apr 02 07:20:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 07:14:26 2021
 Response via : Initial Calibration

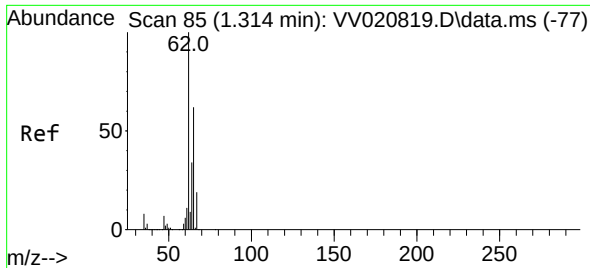
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	775113	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	762598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	373201	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.452	65	241	0.04	ug/L	0.14
Spiked Amount 50.000	Range 60 - 135		Recovery =	0.08%#		
7) Chloroethane-d5	1.564	69	155566	37.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.78%		
11) 1,1-Dichloroethene-d2	2.118	63	1325612	127.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	255.36%#		
21) 2-Butanone-d5	3.931	46	22663	6.33	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	6.33%#		
24) Chloroform-d	4.362	84	493040	45.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.16%		
26) 1,2-Dichloroethane-d4	5.040	65	336528	46.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.42%		
32) Benzene-d6	5.060	84	878879	43.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.48%		
36) 1,2-Dichloropropane-d6	6.079	67	270255	43.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.62%		
41) Toluene-d8	7.320	98	837408	44.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.52%		
43) trans-1,3-Dichloroprop...	7.625	79	154139	46.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.84%		
47) 2-Hexanone-d5	8.092	63	257618	98.46	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.46%		
57) 1,1,2,2-Tetrachloroeth...	10.223	84	386924	42.56	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.12%		
64) 1,2-Dichlorobenzene-d4	11.632	152	337101	46.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.08%		
Target Compounds						Qvalue
5) Vinyl chloride	1.291	62	1824603	308.11	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	7383	1.52	ug/L #	26
12) 1,1-Dichloroethene	2.118	96	1935609	427.92	ug/L #	64
13) Acetone	2.201	43	207097	81.12	ug/L	100
15) Methyl Acetate	2.445	43	80438	15.09	ug/L	95
17) trans-1,2-Dichloroethene	2.764	96	2099478	404.77	ug/L	96
19) 1,1-Dichloroethane	3.204	63	21540	2.24	ug/L	98
33) Benzene	5.111	78	42133	2.00	ug/L	100
42) Toluene	7.397	91	37484	1.64	ug/L	91
59) 1,2,3-Trichloropropane	11.255	75	36801	5.11	ug/L	93

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

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QLast Update : Fri Apr 02 07:14:26 2021
Response via : Initial Calibration

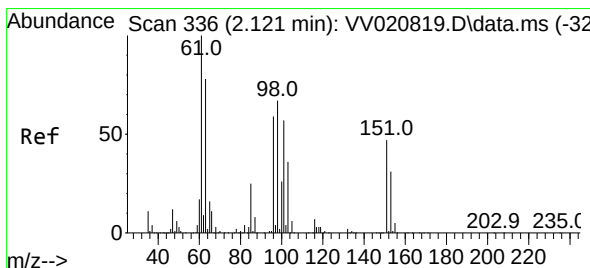
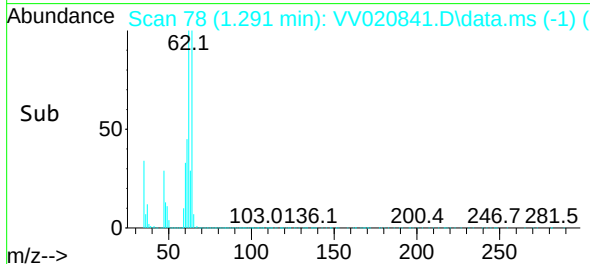
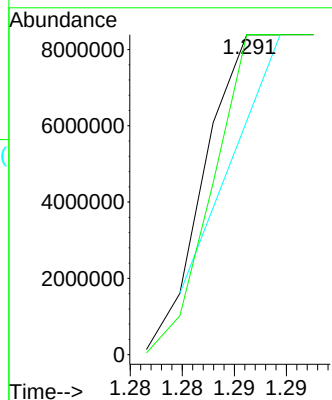
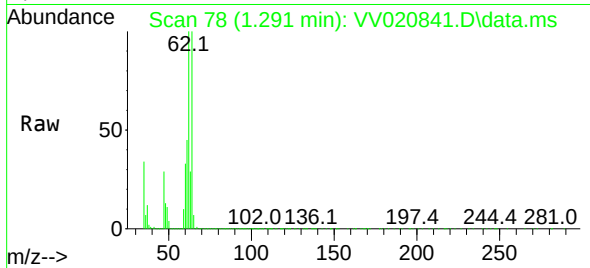




#5
 Vinyl chloride
 Concen: 308.11 ug/L
 RT: 1.291 min Scan# 78
 Delta R.T. -0.022 min
 Lab File: VV020841.D
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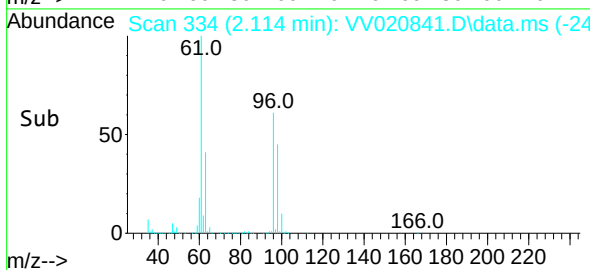
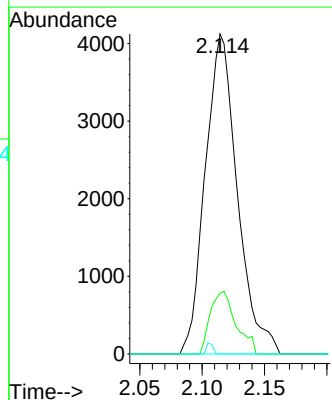
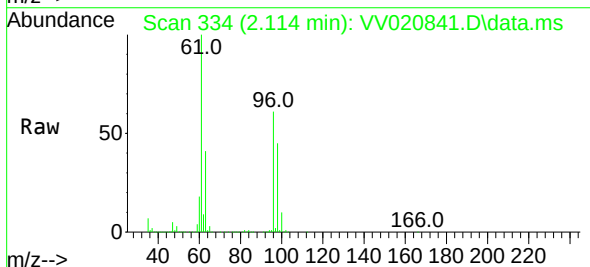
Instrument :
 MSVOA_V
 ClientSampleId :

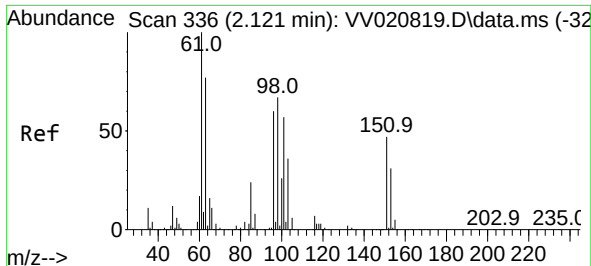
Tgt Ion: 62 Resp: 1824603
 Ion Ratio Lower Upper
 62 100
 64 100.0 23.3 43.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.52 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.006 min
 Lab File: VV020841.D
 Acq: 01 Apr 2021 19:25

Tgt Ion: 101 Resp: 7383
 Ion Ratio Lower Upper
 101 100
 85 15.1 35.4 53.0#
 151 0.7 63.5 95.3#





#12

1,1-Dichloroethene

Concen: 427.92 ug/L

RT: 2.118 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV020841.D

Acq: 01 Apr 2021 19:25

Instrument :
MSVOA_V
ClientSampleId :

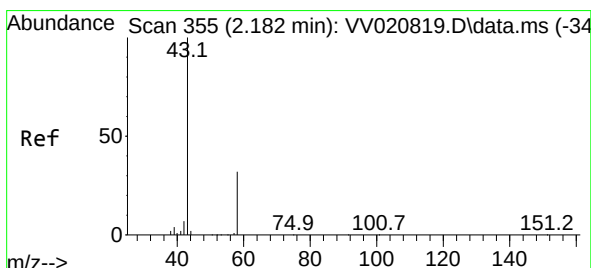
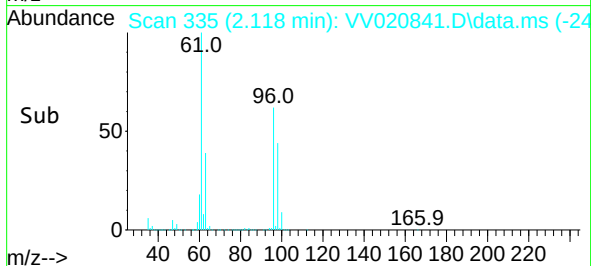
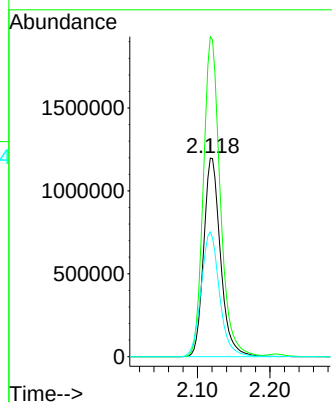
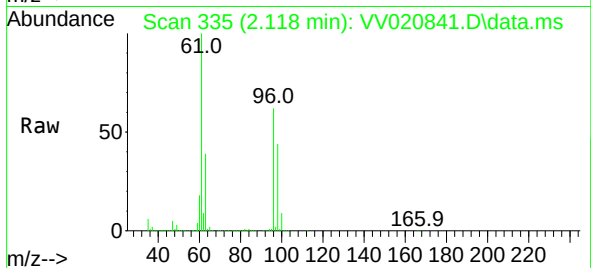
Tgt Ion: 96 Resp: 1935609

Ion Ratio Lower Upper

96 100

61 161.1 126.3 234.6

63 62.9 100.2 186.2#



#13

Acetone

Concen: 81.12 ug/L

RT: 2.201 min Scan# 361

Delta R.T. 0.019 min

Lab File: VV020841.D

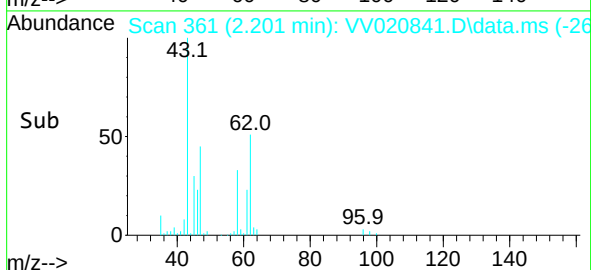
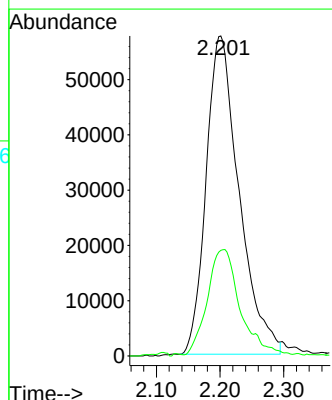
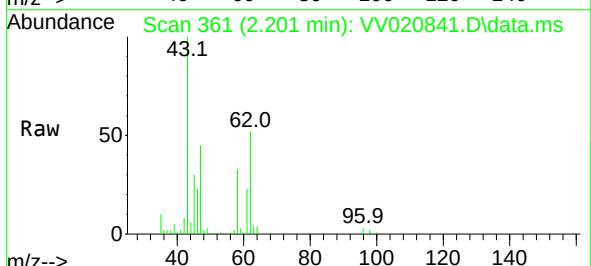
Acq: 01 Apr 2021 19:25

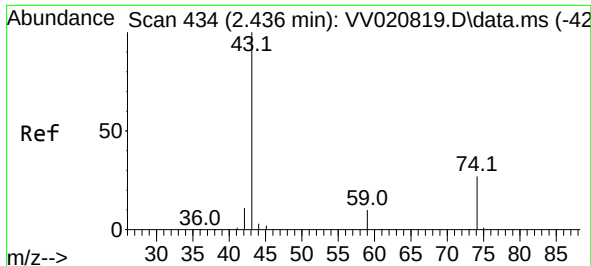
Tgt Ion: 43 Resp: 207097

Ion Ratio Lower Upper

43 100

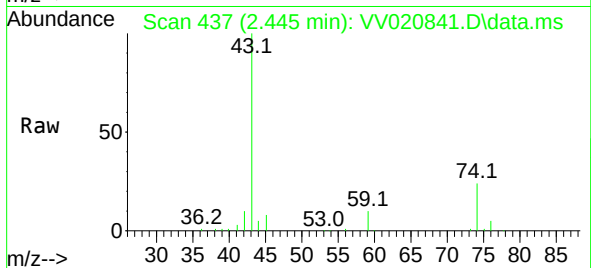
58 30.4 0.0 60.8



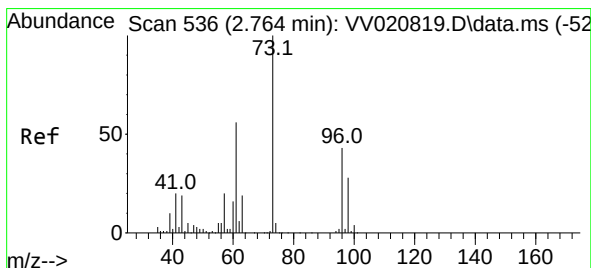
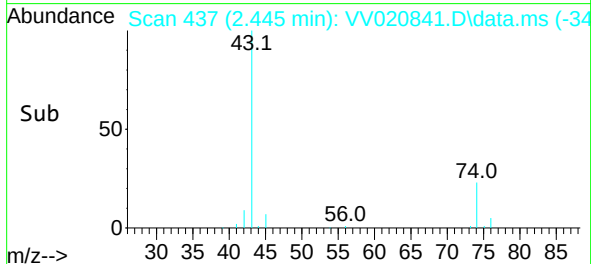
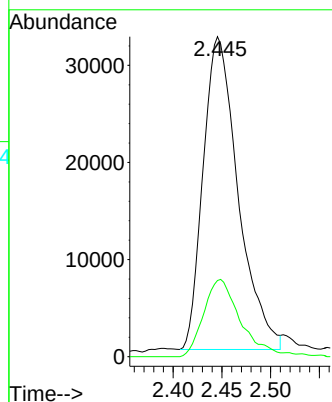


#15
Methyl Acetate
Concen: 15.09 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.010 min
Lab File: VV020841.D
Acq: 01 Apr 2021 19:25

Instrument :
MSVOA_V
ClientSampled :

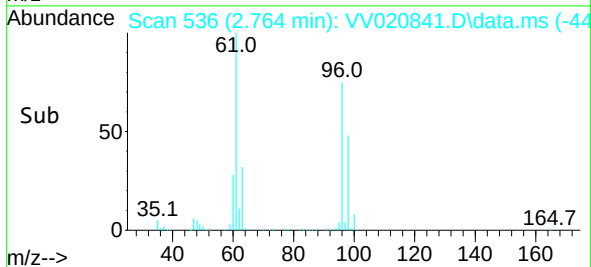
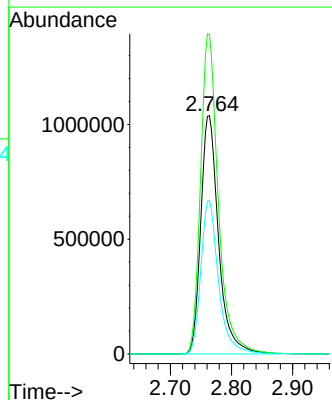
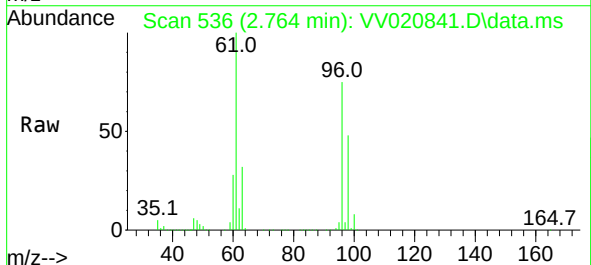


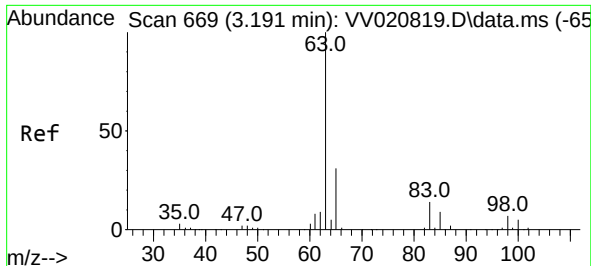
Tgt Ion: 43 Resp: 80438
Ion Ratio Lower Upper
43 100
74 25.6 18.4 27.6



#17
trans-1,2-Dichloroethene
Concen: 404.77 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV020841.D
Acq: 01 Apr 2021 19:25

Tgt Ion: 96 Resp: 2099478
Ion Ratio Lower Upper
96 100
61 134.0 97.9 181.9
98 64.3 43.9 81.5





#19

1,1-Dichloroethane

Concen: 2.24 ug/L

RT: 3.204 min Scan# 673

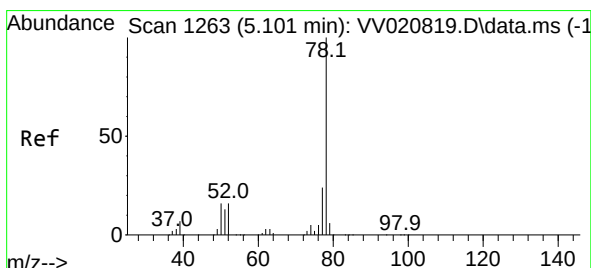
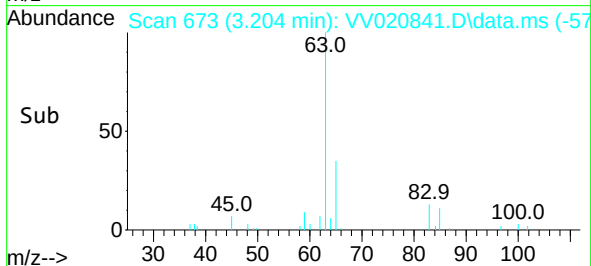
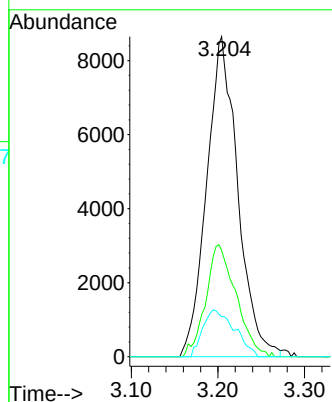
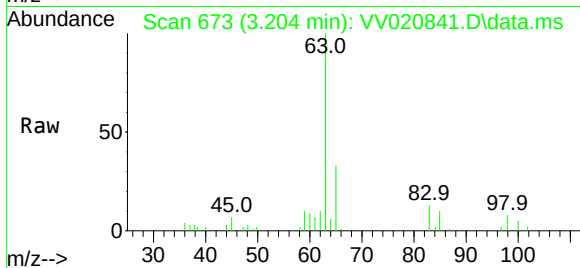
Delta R.T. 0.013 min

Lab File: VV020841.D

Acq: 01 Apr 2021 19:25

Tgt Ion:	63	Resp:	21540
Ion	Ratio	Lower	Upper
63	100		
65	33.2	22.5	41.9
83	12.6	9.7	17.9

Instrument :
MSVOA_V
ClientSampleId :



#33

Benzene

Concen: 2.00 ug/L

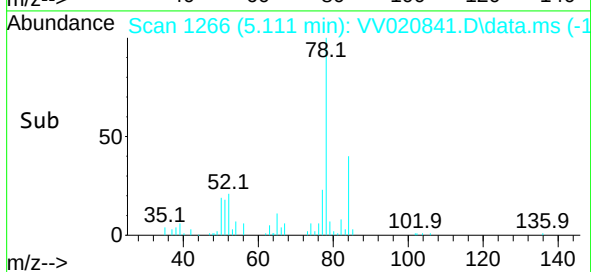
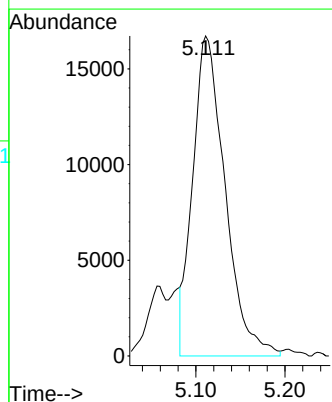
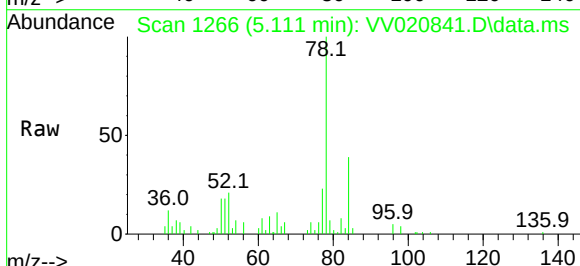
RT: 5.111 min Scan# 1266

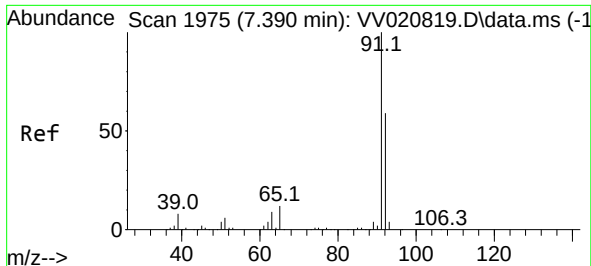
Delta R.T. 0.010 min

Lab File: VV020841.D

Acq: 01 Apr 2021 19:25

Tgt Ion: 78 Resp: 42133

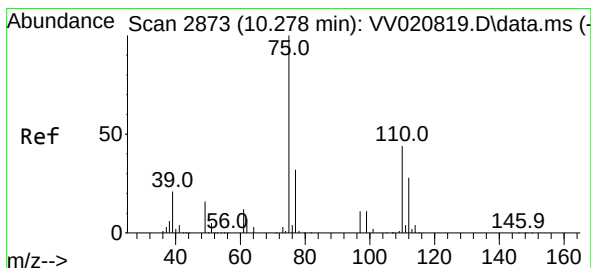
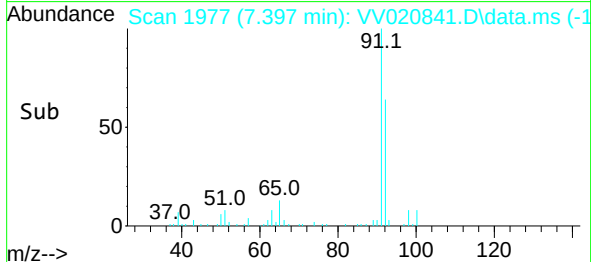
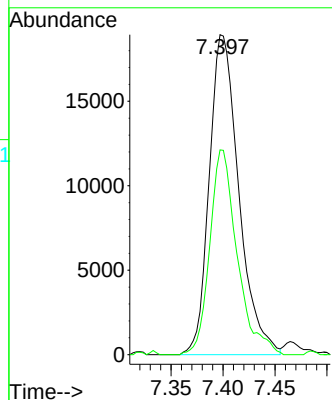
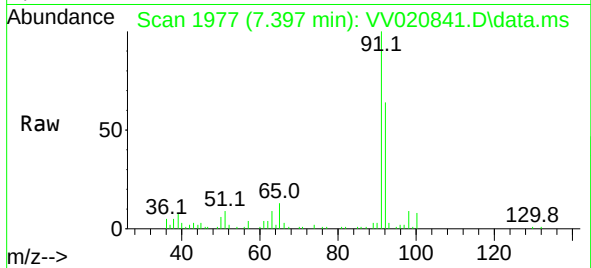




#42
Toluene
Concen: 1.64 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.007 min
Lab File: VV020841.D
Acq: 01 Apr 2021 19:25

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 91 Resp: 37484
Ion Ratio Lower Upper
91 100
92 64.0 39.9 74.1



#59
1,2,3-Trichloropropane
Concen: 5.11 ug/L
RT: 11.255 min Scan# 3177
Delta R.T. 0.978 min
Lab File: VV020841.D
Acq: 01 Apr 2021 19:25

Tgt Ion: 75 Resp: 36801
Ion Ratio Lower Upper
75 100
77 35.5 25.3 37.9

