

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040821\
 Data File : VW020971.D
 Acq On : 08 Apr 2021 14:48
 Operator : SY/MD
 Sample : M1881-15MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESQF7MS

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 3:41:38 PM

Quant Time: Apr 09 06:31:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 06:30:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	498935	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	475876	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	237796	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	147486	41.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.28%		
7) Chloroethane-d5	1.571	69	116558	43.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.04%		
11) 1,1-Dichloroethene-d2	2.111	63	303846	45.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.94%		
21) 2-Butanone-d5	3.899	46	162183m	70.38	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	70.38%		
24) Chloroform-d	4.352	84	336869	47.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.70%		
26) 1,2-Dichloroethane-d4	5.034	65	225369	48.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.18%		
32) Benzene-d6	5.053	84	618779	48.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.56%		
36) 1,2-Dichloropropane-d6	6.072	67	174058	44.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.40%		
41) Toluene-d8	7.320	98	598195	50.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.32%		
43) trans-1,3-Dichloroprop...	7.625	79	98251	47.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.84%		
47) 2-Hexanone-d5	8.095	63	117495	71.96	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	71.96%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	237235	41.82	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.64%		
64) 1,2-Dichlorobenzene-d4	11.628	152	260219	56.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.76%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.121	96	144221	49.53	ug/L	79
29) Cyclohexane	4.680	56	5062	0.94	ug/L #	83
33) Benzene	5.101	78	610619	46.52	ug/L	100
34) Trichloroethene	5.918	95	169792	47.19	ug/L	89
42) Toluene	7.391	91	698870	48.99	ug/L	100
51) Chlorobenzene	8.886	112	474898	49.59	ug/L	98

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

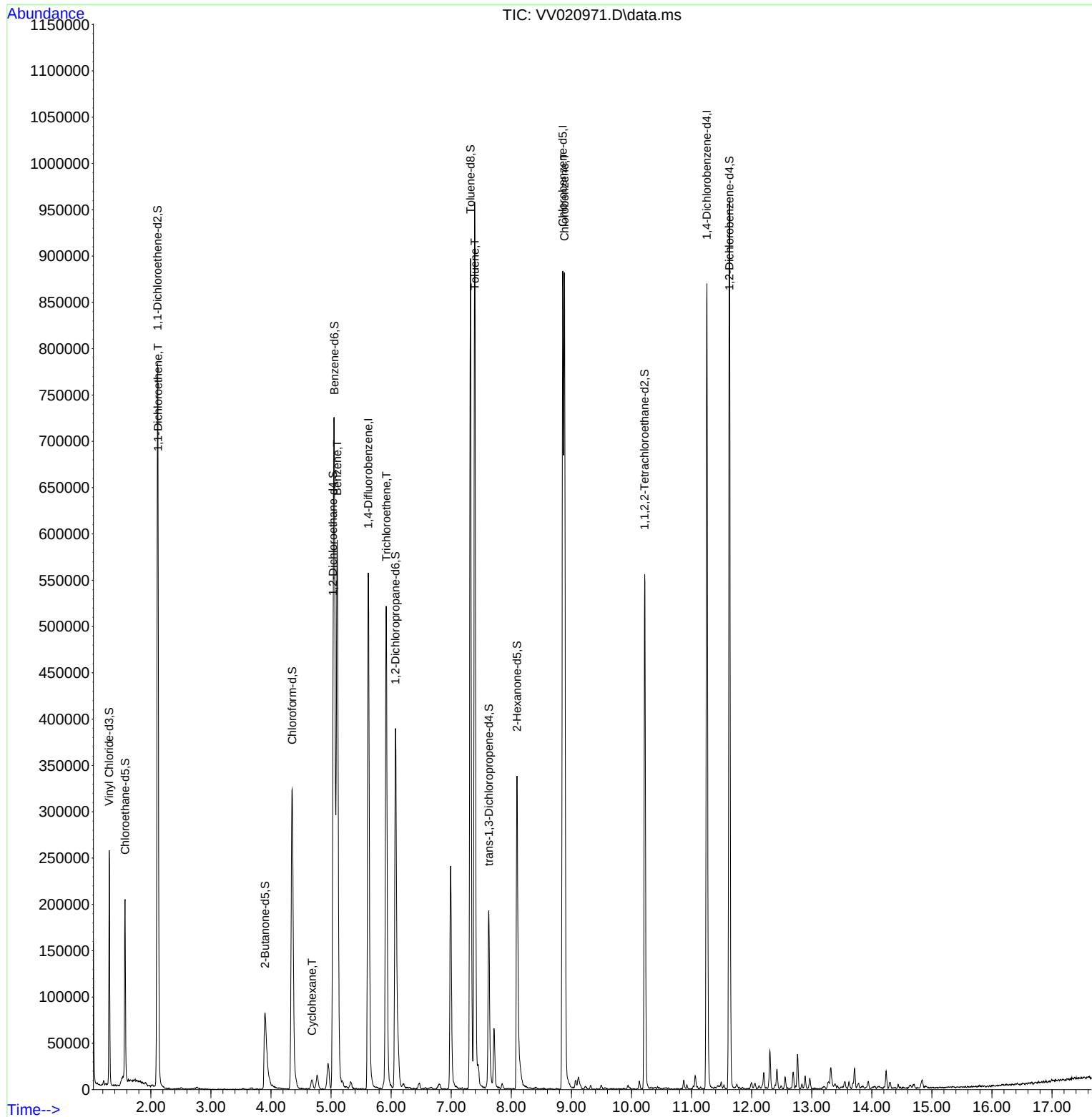
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040821\
Data File : VV020971.D
Acq On : 08 Apr 2021 14:48
Operator : SY/MD
Sample : M1881-15MS
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

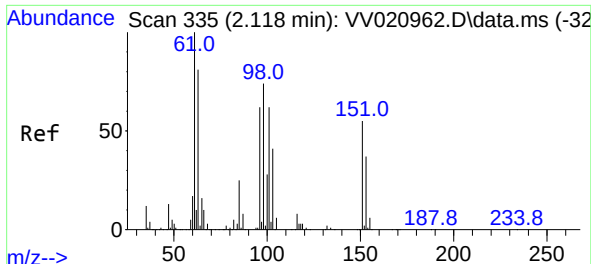
Instrument :
MSVOA_V
ClientSampleId :
ESQF7MS

Manual Integrations
APPROVED

MMDadoda
4/9/2021 3:41:38 PM

Quant Time: Apr 09 06:31:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 09 06:30:02 2021
Response via : Initial Calibration





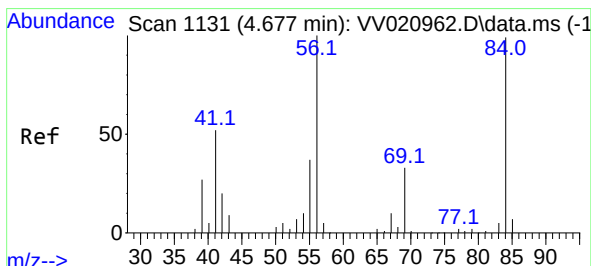
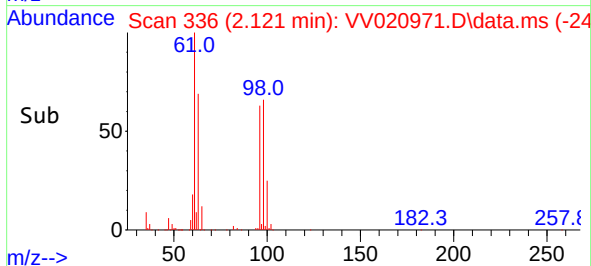
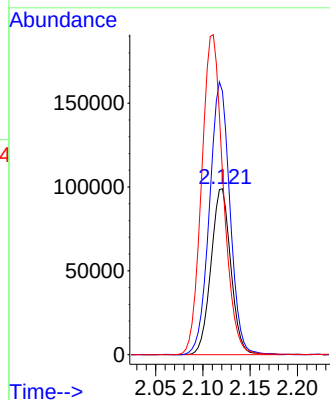
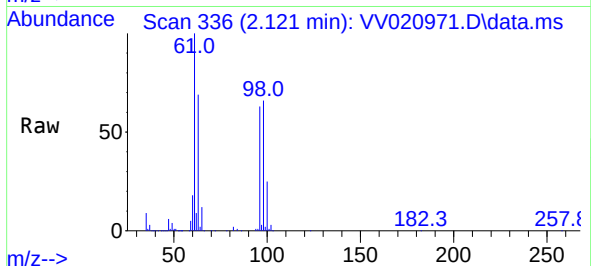
#12
1,1-Dichloroethene
Concen: 49.53 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV020971.D
Acq: 08 Apr 2021 14:48

Tgt Ion: 96 Resp: 144221
Ion Ratio Lower Upper
96 100
61 158.7 126.3 234.6
63 109.6 100.2 186.2

Instrument :
MSVOA_V
ClientSampleId :
ESQF7MS

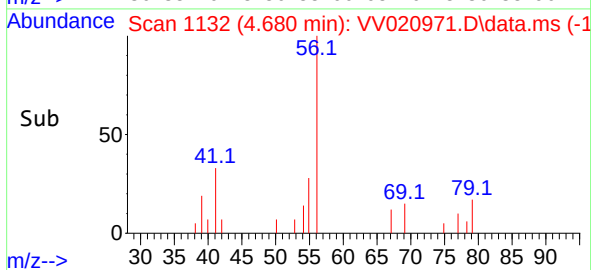
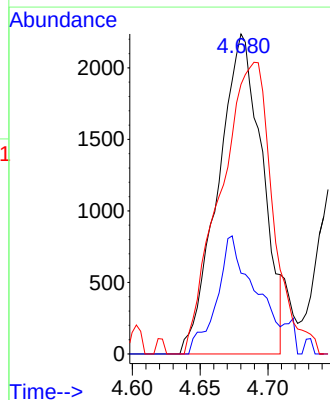
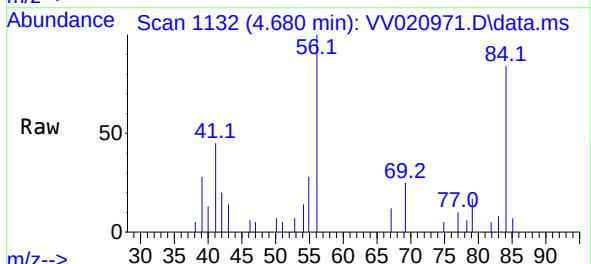
Manual Integrations
APPROVED

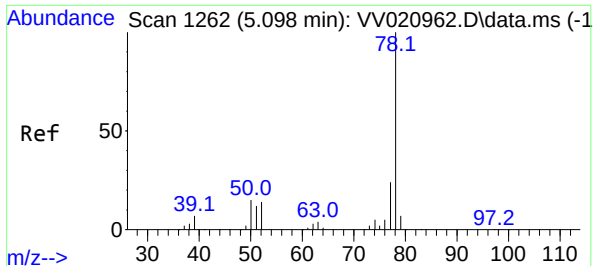
MMDadoda
4/9/2021 3:41:38 PM



#29
Cyclohexane
Concen: 0.94 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV020971.D
Acq: 08 Apr 2021 14:48

Tgt Ion: 56 Resp: 5062
Ion Ratio Lower Upper
56 100
69 30.8 24.4 36.6
84 108.5 69.9 104.9#





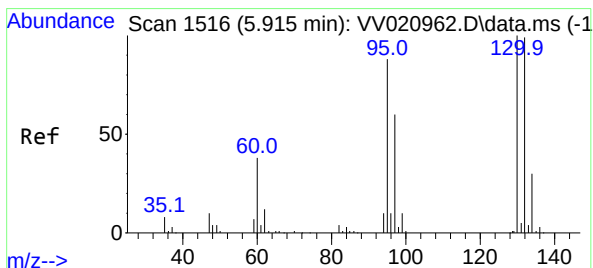
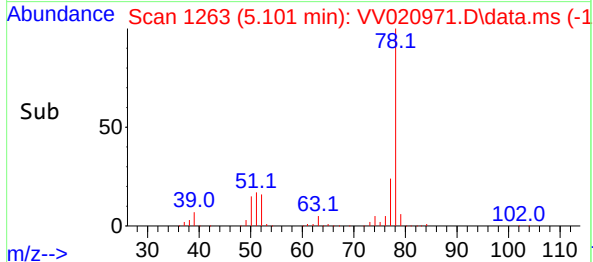
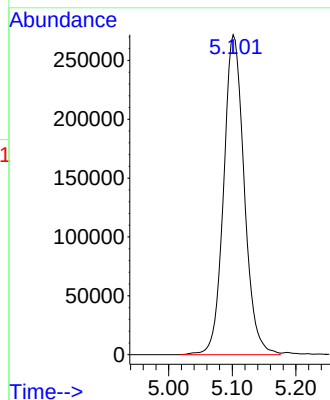
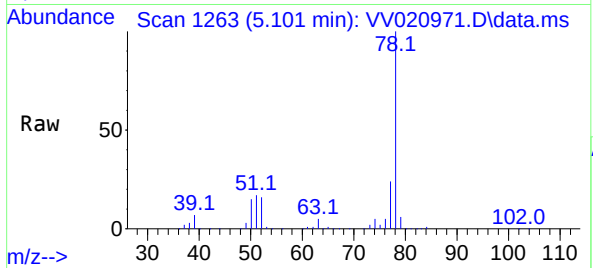
#33
Benzene
Concen: 46.52 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020971.D
Acq: 08 Apr 2021 14:48

Tgt Ion: 78 Resp: 610619

Instrument :
MSVOA_V
ClientSampleId :
ESQF7MS

Manual Integrations
APPROVED

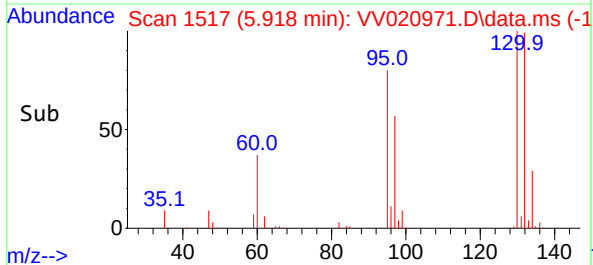
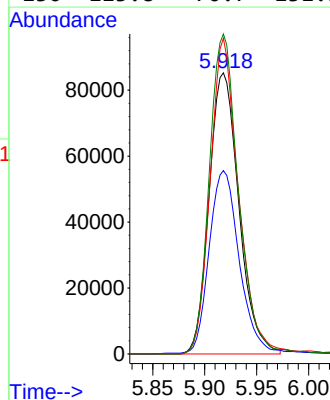
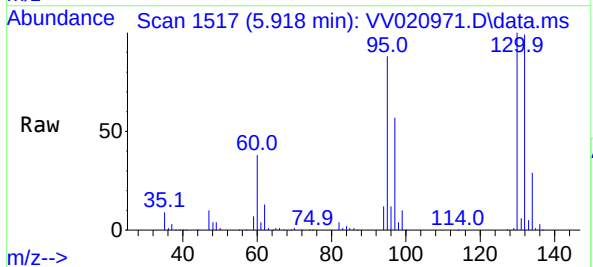
MMDadoda
4/9/2021 3:41:38 PM

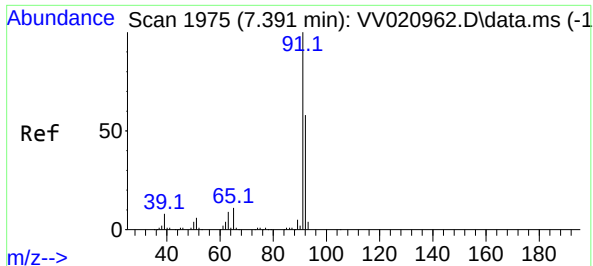


#34
Trichloroethene
Concen: 47.19 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV020971.D
Acq: 08 Apr 2021 14:48

Tgt Ion: 95 Resp: 169792

Ion	Ratio	Lower	Upper
95	100		
97	65.2	43.5	80.9
132	112.3	69.5	129.1
130	113.8	70.7	131.3





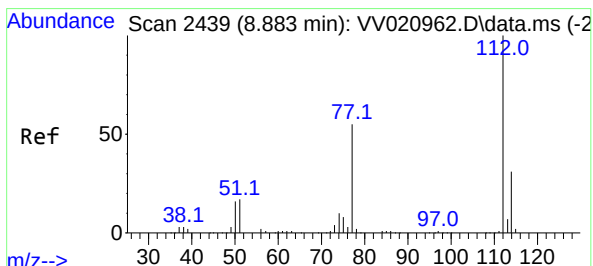
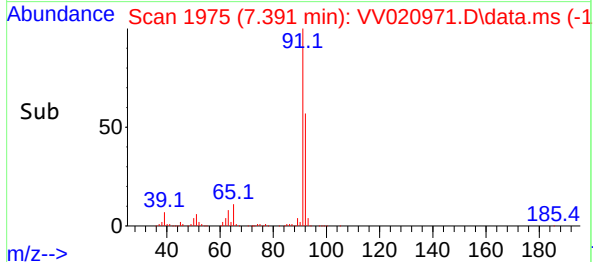
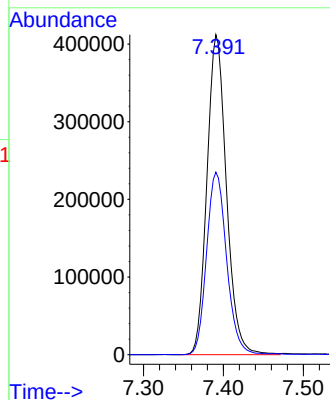
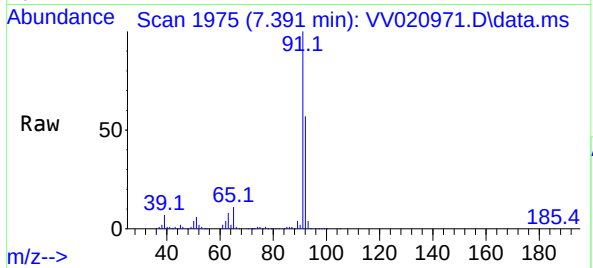
#42
Toluene
Concen: 48.99 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV020971.D
Acq: 08 Apr 2021 14:48

Tgt Ion: 91 Resp: 698870
Ion Ratio Lower Upper
91 100
92 57.0 39.9 74.1

Instrument :
MSVOA_V
ClientSampleId :
ESQF7MS

Manual Integrations
APPROVED

MMDadoda
4/9/2021 3:41:38 PM



#51
Chlorobenzene
Concen: 49.59 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020971.D
Acq: 08 Apr 2021 14:48

Tgt Ion: 112 Resp: 474898
Ion Ratio Lower Upper
112 100
114 32.2 22.4 41.6
77 55.7 46.7 70.1

