Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039415.D
Acq On : 09 Jul 2020 23:57
Operator : SY/MD
Sample : L3261-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE502

Quant Time: Jul 10 02:33:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 10 02:02:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	93917	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.42	117	85796	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42387	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.61	65	25062	4.61	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.20%				
7) Chloroethane-d5	1.93	69	29031	5.21	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.20%				
11) 1,1-Dichloroethene-d2	2.58	63	39663	3.70	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.00%				
20) 2-Butanone-d5	4.66	46	147517	59.23	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.46%				
24) Chloroform-d	5.08	84	63389	5.47	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.40%				
26) 1,2-Dichloroethane-d4	5.72	65	41689	5.73	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.60%				
32) Benzene-d6	5.75	84	122298	5.92	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 118.40%				
36) 1,2-Dichloropropane-d6	6.71	67	43059	5.93	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 118.60%				
41) Toluene-d8	7.91	98	106002	5.92	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 118.40%				
43) trans-1,3-Dichloropropene-	8.19	79	17177	5.36	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.20%				
46) 2-Hexanone-d5	8.64	63	108281	56.96	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.92%				
57) 1,1,2,2-Tetrachloroethane-	10.76	84	39247	5.46	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.20%				
64) 1,2-Dichlorobenzene-d4	12.19	152	43115	5.70	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.00%				
Target Compounds							Qvalue
8) Chloroethane	1.94	64	15552	2.811	ug/L		99
13) Acetone	2.66	43	1673	1.244	ug/L		72
17) Methyl tert-butyl Ether	3.38	73	4071	0.231	ug/L		96
19) 1,1-Dichloroethane	3.90	63	16728	1.383	ug/L	#	95
22) cis-1,2-Dichloroethene	4.69	96	1308	0.189	ug/L		93
25) Chloroform	5.11	83	6761	0.553	ug/L		90
29) 1,1,1-Trichloroethane	5.34	97	1006	0.100	ug/L	#	87
33) Benzene	5.79	78	26104	1.018	ug/L		100
42) Toluene	7.98	91	36047	1.312	ug/L		96
47) Tetrachloroethene	8.56	164	915	0.198	ug/L		84
51) Chlorobenzene	9.45	112	3808	0.227	ug/L		98
52) Ethylbenzene	9.57	91	5360	0.177	ug/L		97
53) m,p-Xylene	9.70	106	5612	0.491	ug/L		98
54) o-Xylene	10.10	106	1971	0.177	ug/L	#	51
63) 1,4-Dichlorobenzene	11.83	146	4518	0.339	ug/L		88

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039415.D
Acq On : 09 Jul 2020 23:57
Operator : SY/MD
Sample : L3261-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE502

Quant Time: Jul 10 02:33:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 10 02:02:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039415.D
Acq On : 09 Jul 2020 23:57
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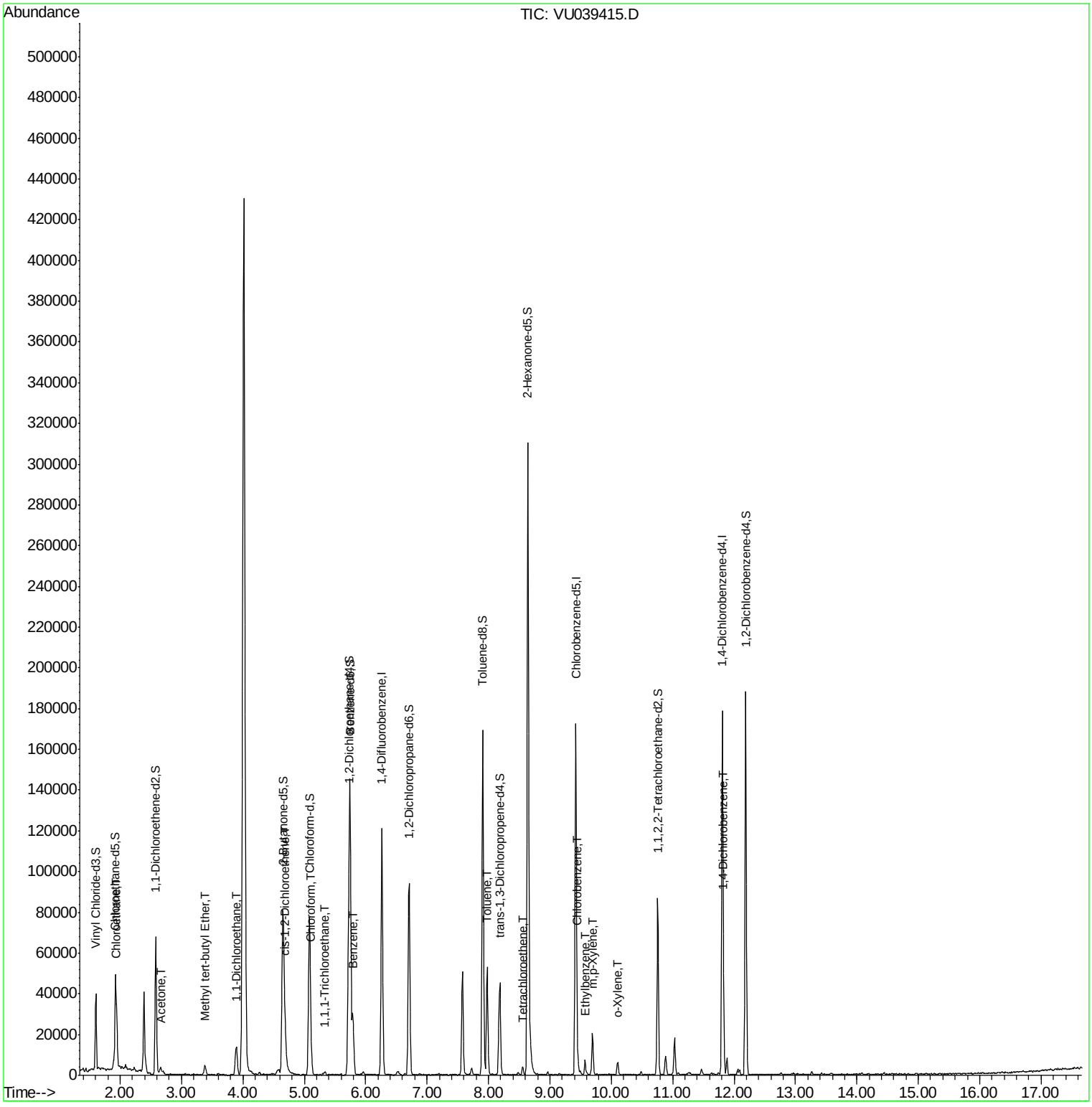
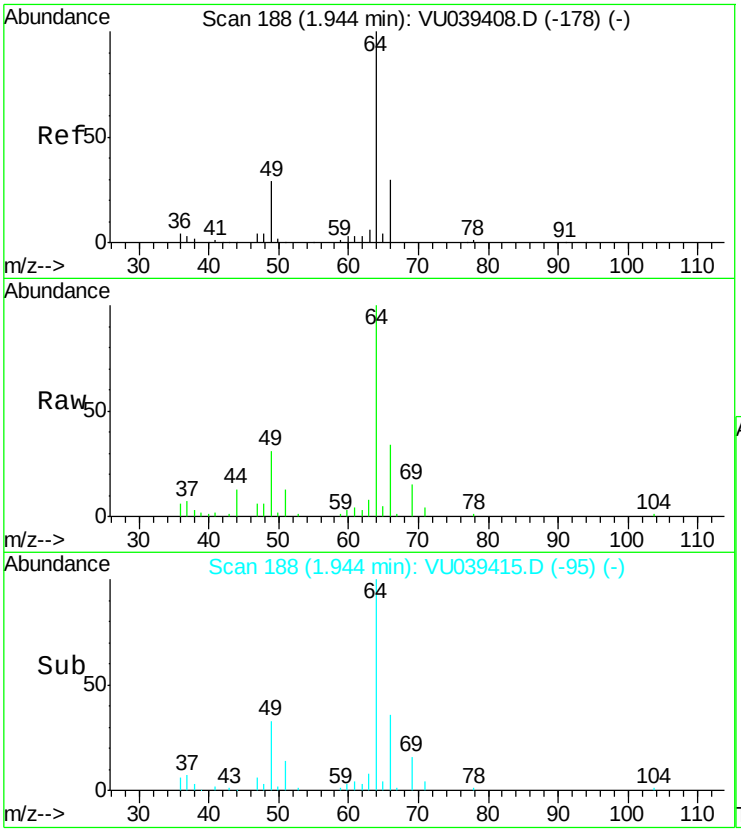


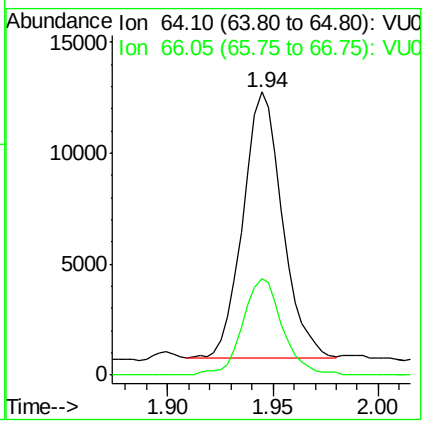


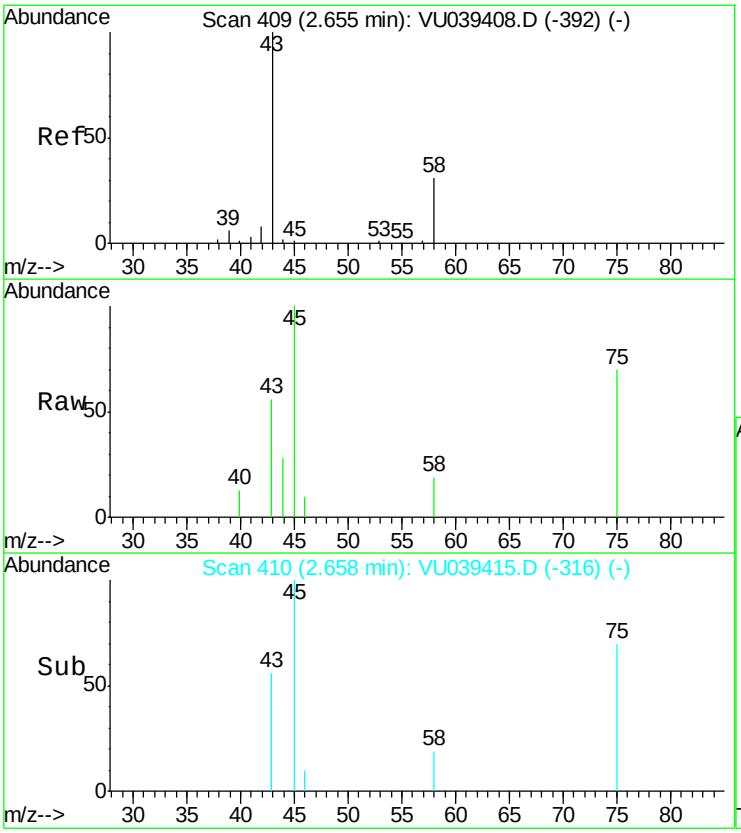
#8
Chloroethane
Concen: 2.811 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU039415.D
Acq: 09 Jul 2020 23:57

Instrument :
MSVOA_U
ClientSampleId :
BE502

Tgt Ion: 64 Resp: 15552

Ion	Ratio	Lower	Upper
64	100		
66	34.3	23.5	43.7

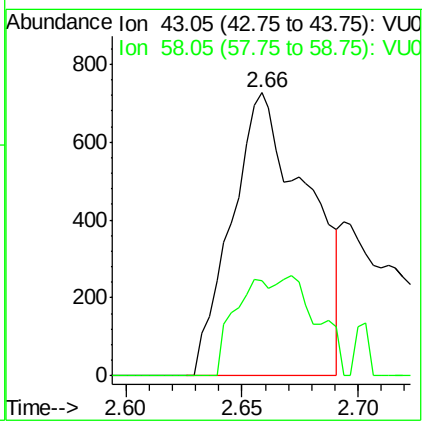


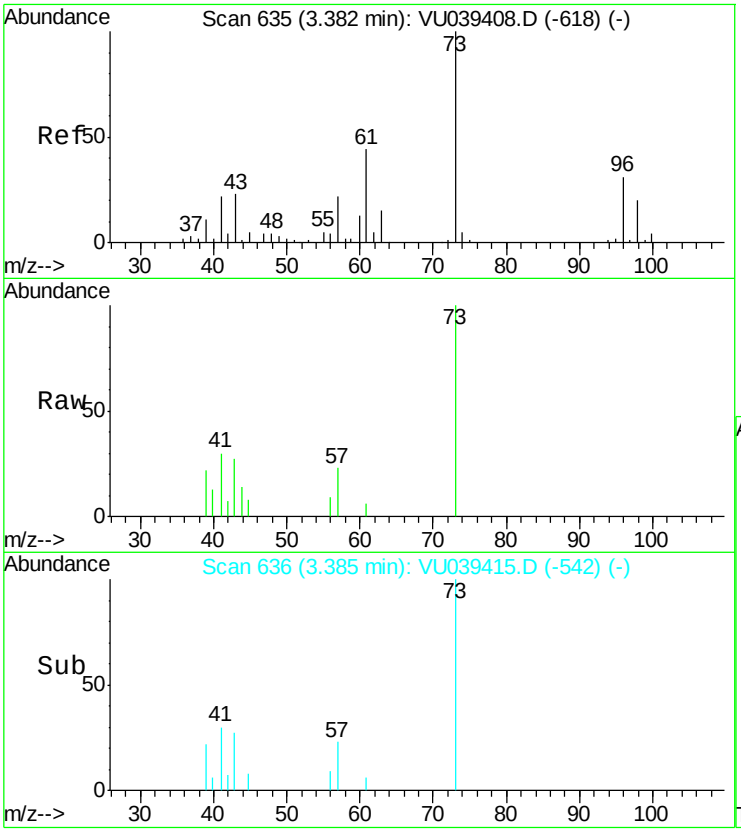


#13
Acetone
Concen: 1.244 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.00 min
Lab File: VU039415.D
Acq: 09 Jul 2020 23:57

Tgt Ion: 43 Resp: 1673

Ion	Ratio	Lower	Upper
43	100		
58	16.1	0.0	62.8



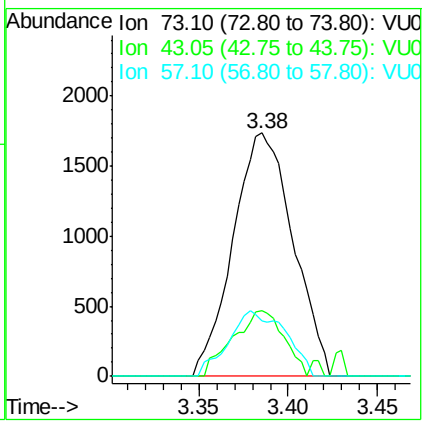


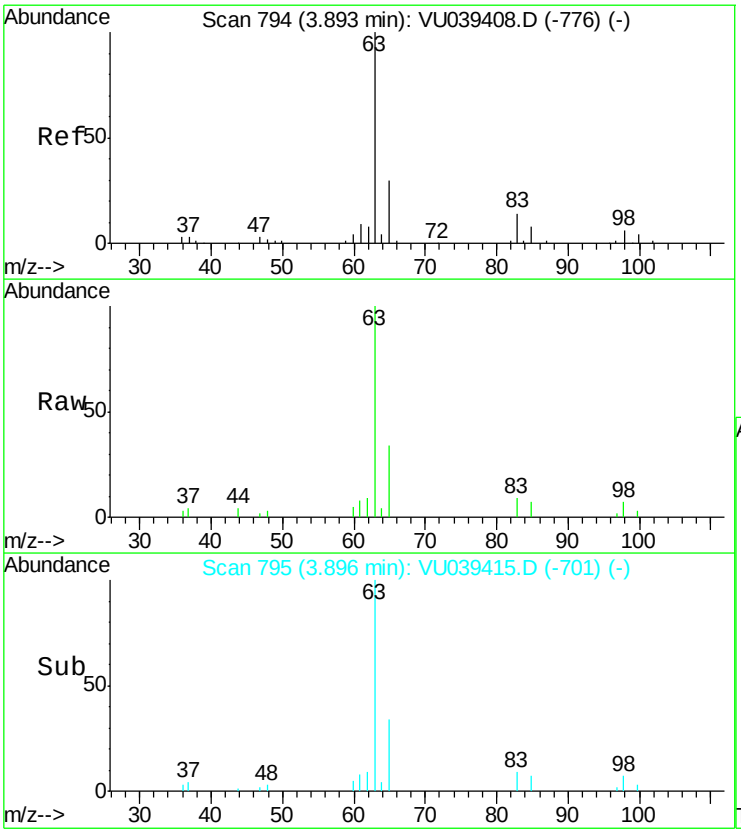
#17
Methyl tert-butyl Ether
Concen: 0.231 ug/L
RT: 3.38 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU039415.D
Acq: 09 Jul 2020 23:57

Instrument : MSVOA_U
ClientSampleId : BE502

Tgt Ion: 73 Resp: 4071

Ion	Ratio	Lower	Upper
73	100		
43	23.0	18.6	28.0
57	25.6	17.9	26.9

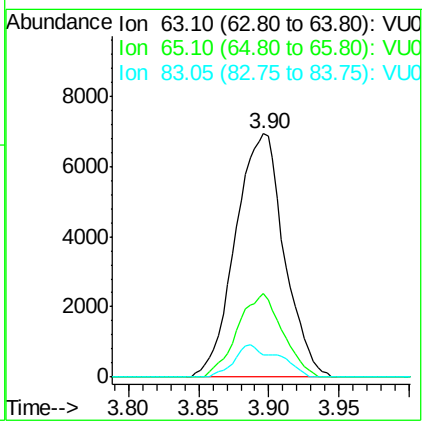


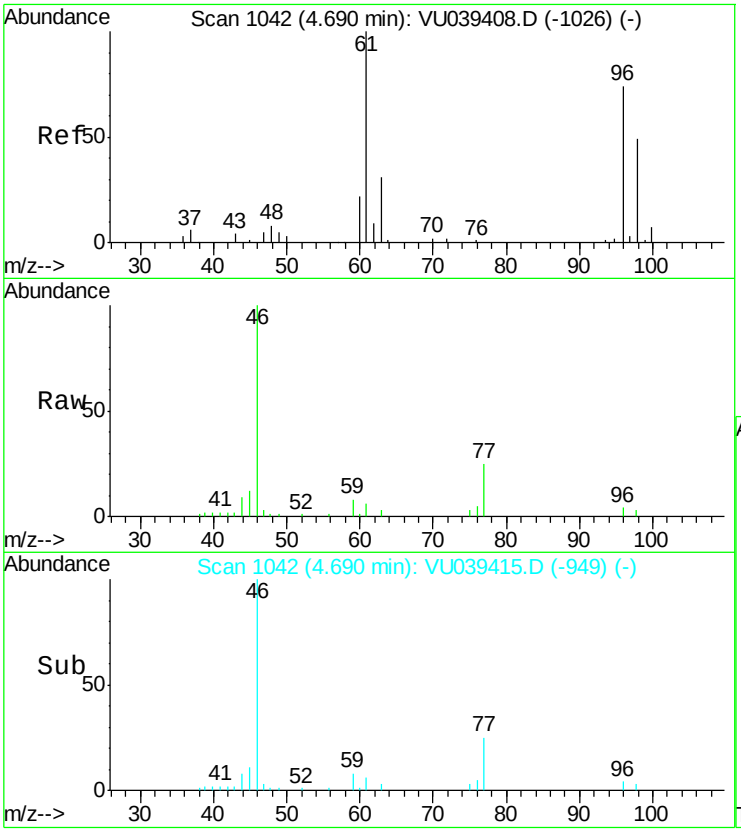


#19
1,1-Dichloroethane
Concen: 1.383 ug/L
RT: 3.90 min Scan# 795
Delta R.T. 0.00 min
Lab File: VU039415.D
Acq: 09 Jul 2020 23:57

Tgt Ion: 63 Resp: 16728

Ion	Ratio	Lower	Upper
63	100		
65	34.2	23.0	42.6
83	9.2	9.6	17.8#



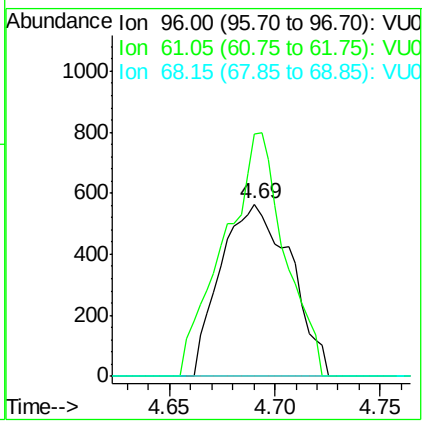


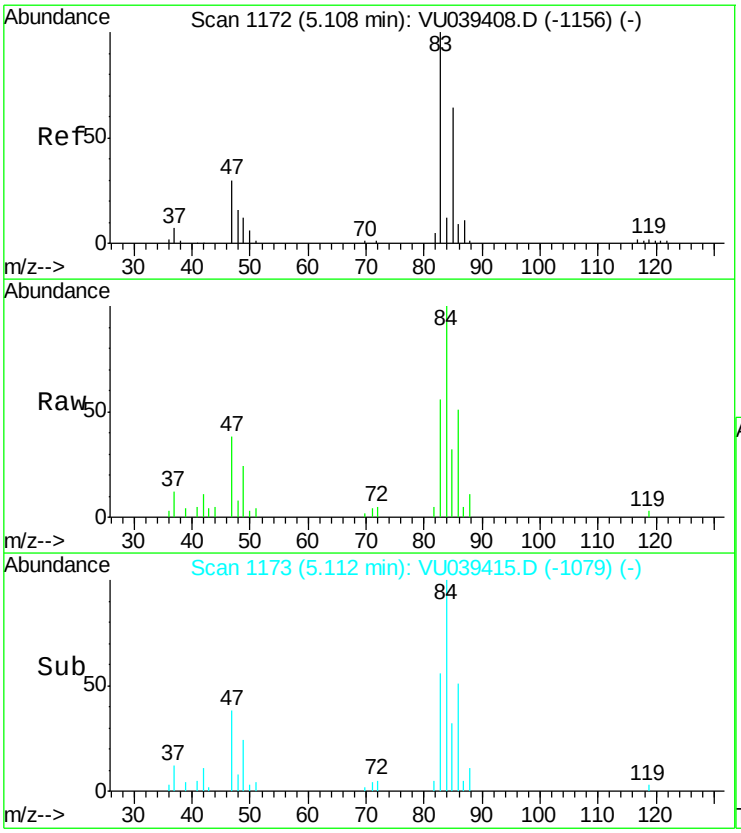
#22
cis-1,2-Dichloroethene
Concen: 0.189 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VU039415.D
Acq: 09 Jul 2020 23:57

Instrument :
MSVOA_U
ClientSampleId :
BE502

Tgt Ion: 96 Resp: 1308

Ion	Ratio	Lower	Upper
96	100		
61	141.0	92.8	172.4
68	0.0	0.0	0.0

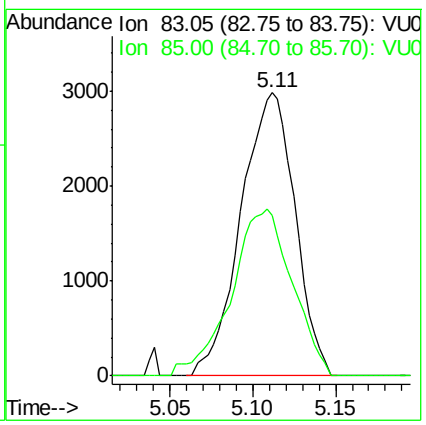


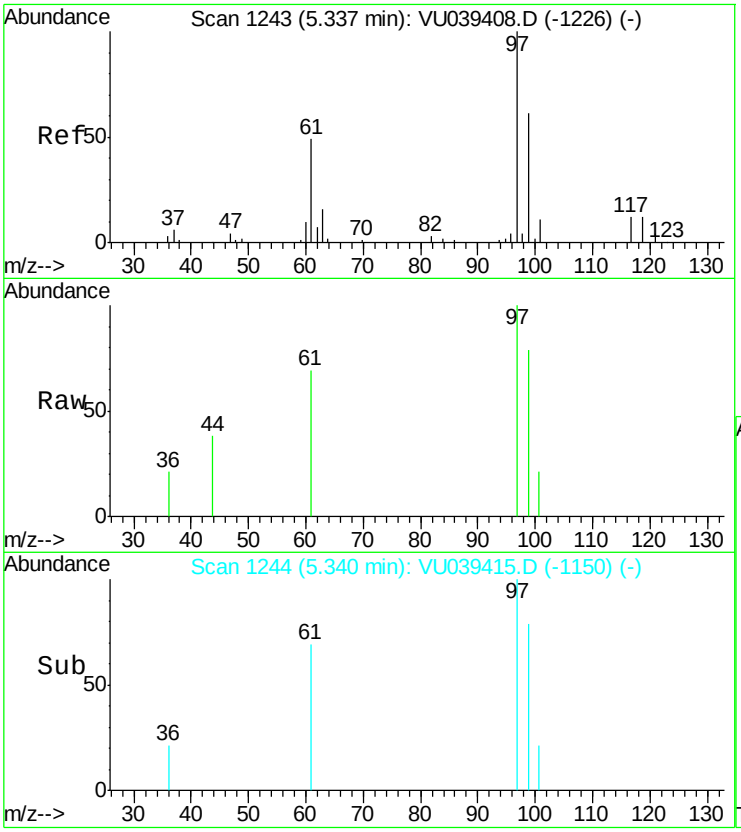


#25
Chloroform
Concen: 0.553 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU039415.D
Acq: 09 Jul 2020 23:57

Tgt Ion: 83 Resp: 6761

Ion	Ratio	Lower	Upper
83	100		
85	56.7	44.9	83.5



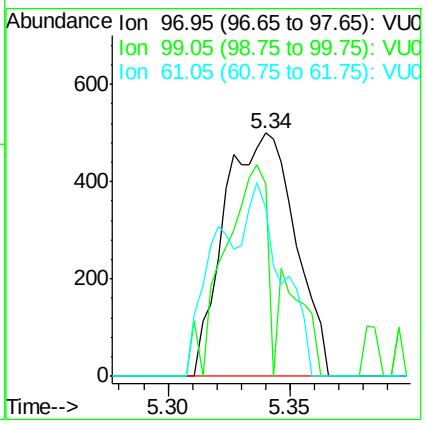


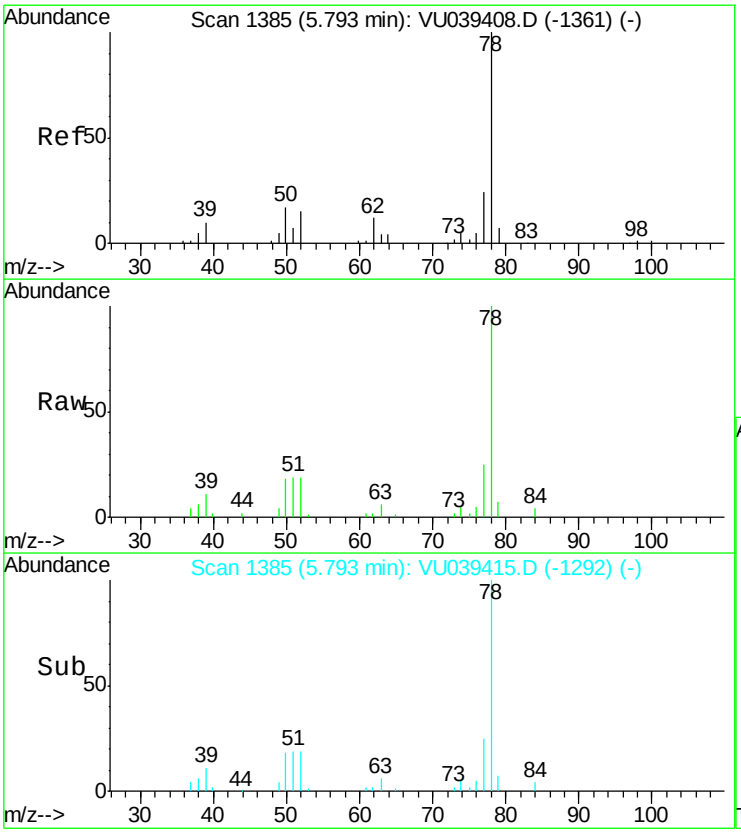
#29
1,1,1-Trichloroethane
Concen: 0.100 ug/L
RT: 5.34 min Scan# 1244
Delta R.T. 0.00 min
Lab File: VU039415.D
Acq: 09 Jul 2020 23:57

Instrument : MSVOA_U
ClientSampleId : BE502

Tgt Ion: 97 Resp: 1006

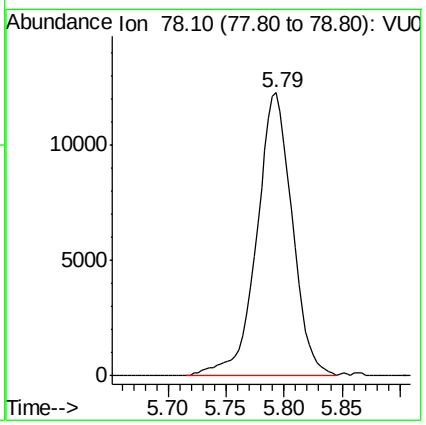
Ion	Ratio	Lower	Upper
97	100		
99	51.5	52.6	79.0#
61	43.7	37.9	56.9

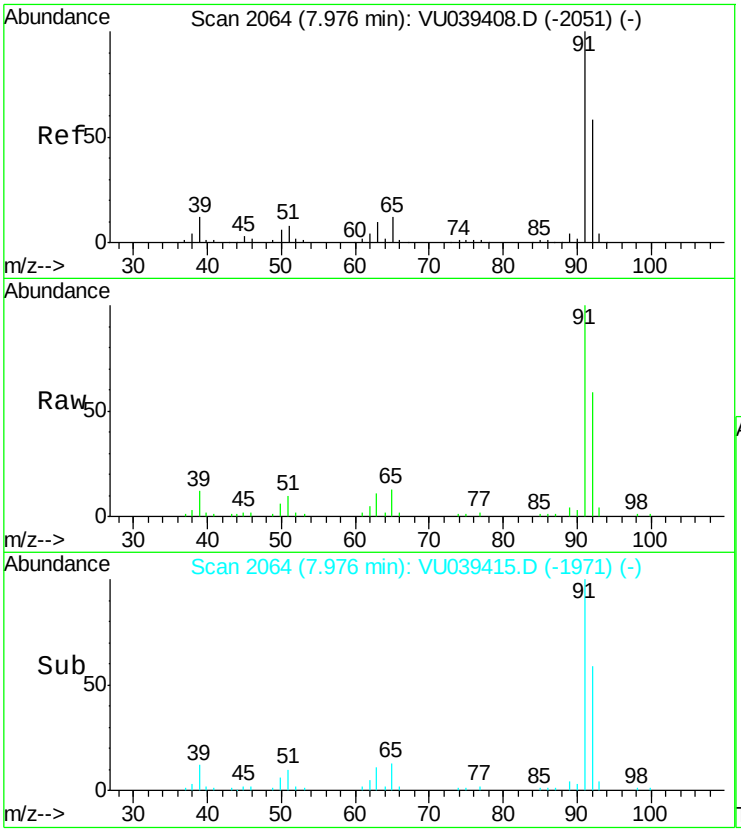




#33
Benzene
Concen: 1.018 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VU039415.D
Acq: 09 Jul 2020 23:57

Tgt Ion: 78 Resp: 26104



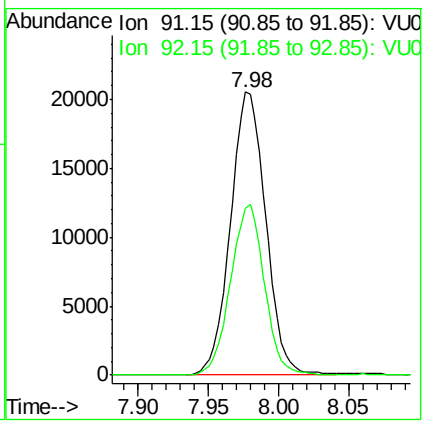


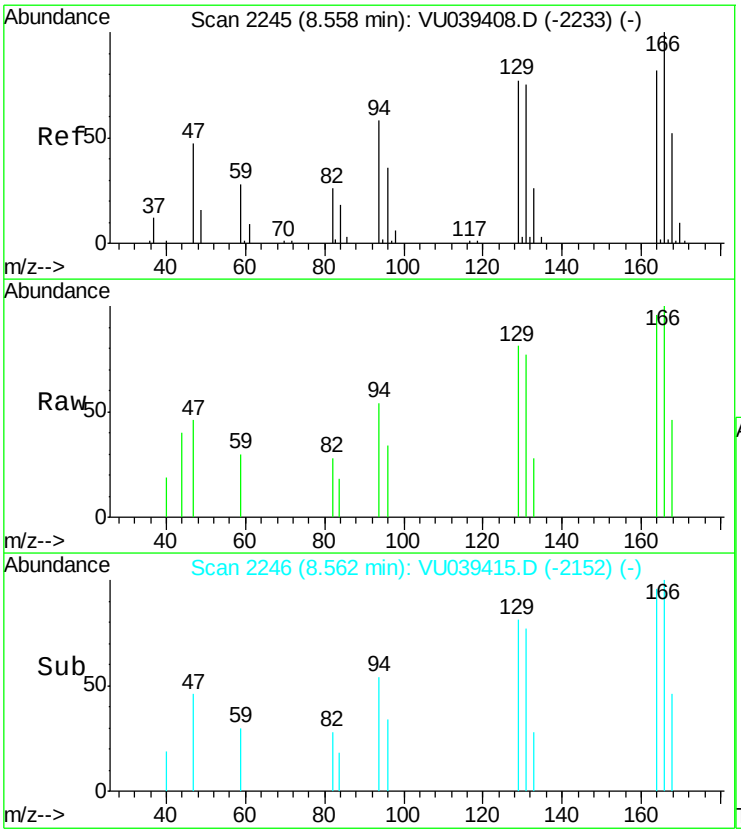
#42
Toluene
Concen: 1.312 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU039415.D
Acq: 09 Jul 2020 23:57

Instrument : MSVOA_U
ClientSampleId : BE502

Tgt Ion: 91 Resp: 36047

Ion	Ratio	Lower	Upper
91	100		
92	59.1	39.3	73.1

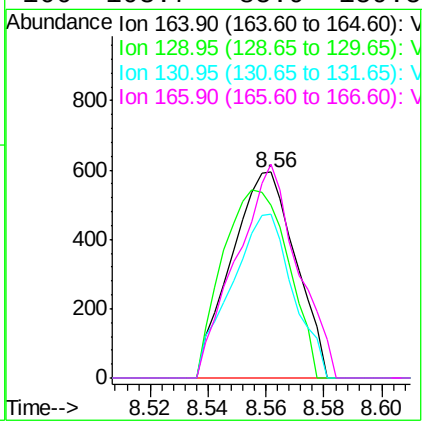


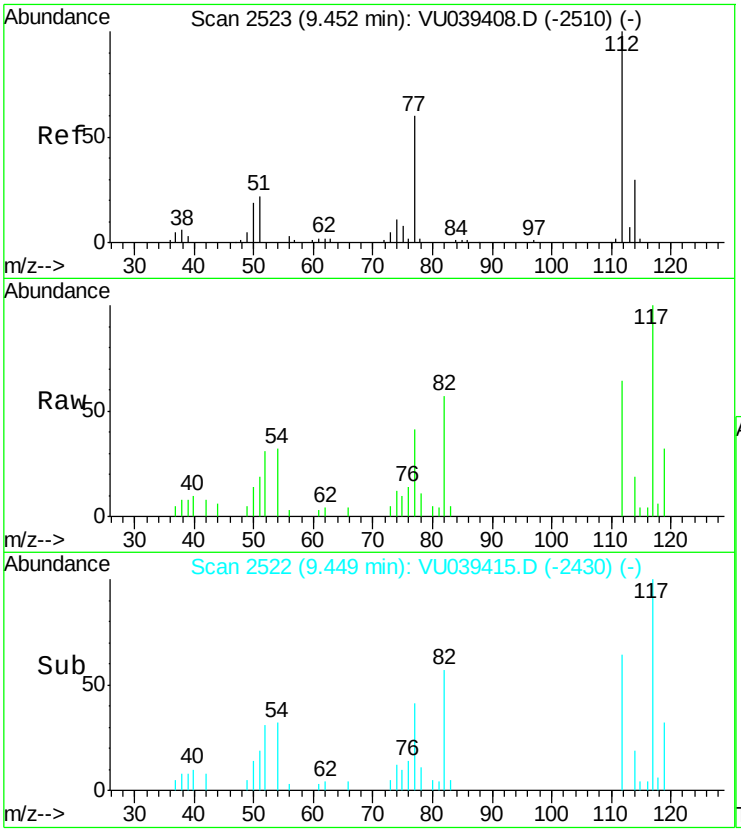


#47
Tetrachloroethene
Concen: 0.198 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VU039415.D
Acq: 09 Jul 2020 23:57

Tgt Ion:164 Resp: 915

Ion	Ratio	Lower	Upper
164	100		
129	83.8	68.6	127.4
131	79.5	66.4	123.4
166	103.7	85.9	159.5



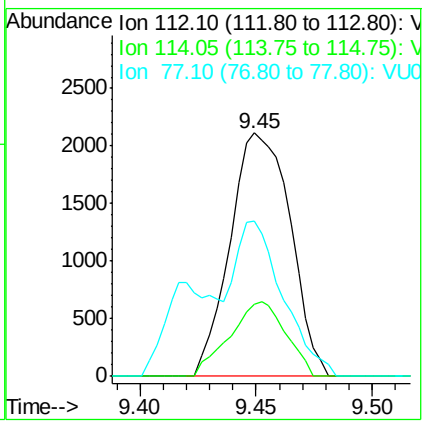


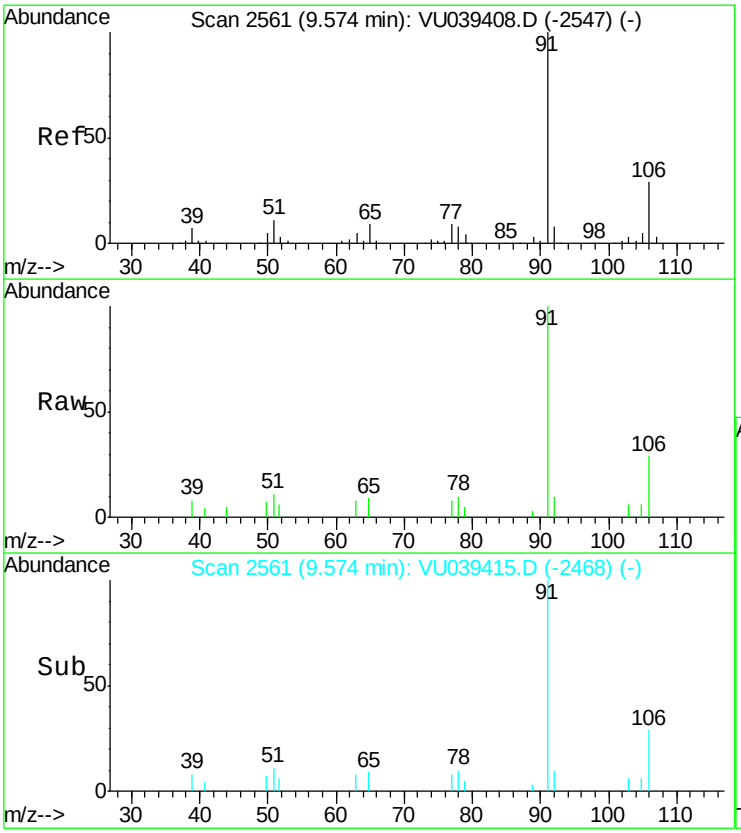
#51
Chlorobenzene
Concen: 0.227 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU039415.D
Acq: 09 Jul 2020 23:57

Instrument : MSVOA_U
ClientSampleId : BE502

Tgt Ion:112 Resp: 3808

Ion	Ratio	Lower	Upper
112	100		
114	29.5	22.1	41.1
77	63.8	49.9	74.9

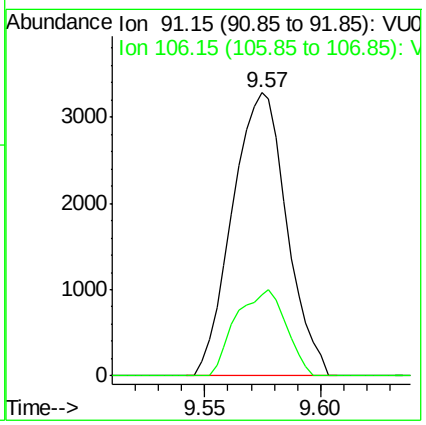


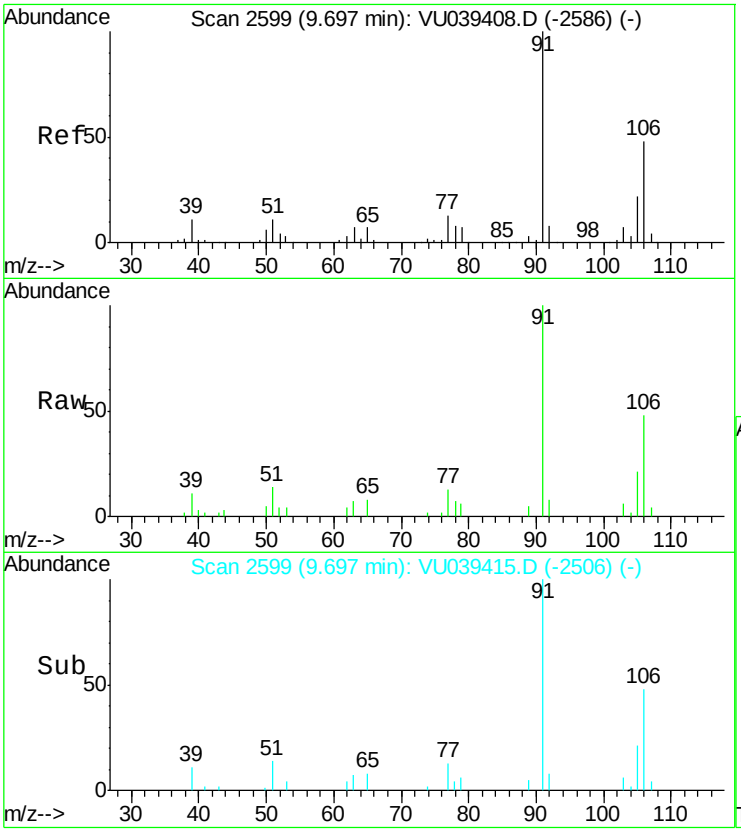


#52
Ethylbenzene
Concen: 0.177 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU039415.D
Acq: 09 Jul 2020 23:57

Tgt Ion: 91 Resp: 5360

Ion	Ratio	Lower	Upper
91	100		
106	28.9	21.3	39.6



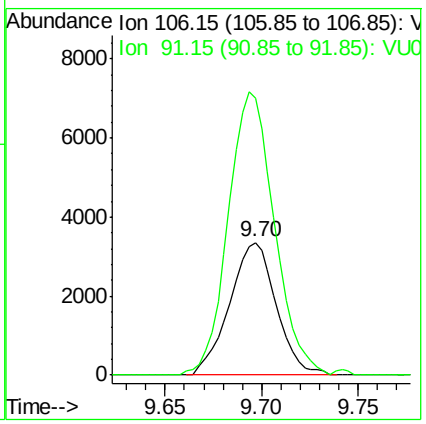


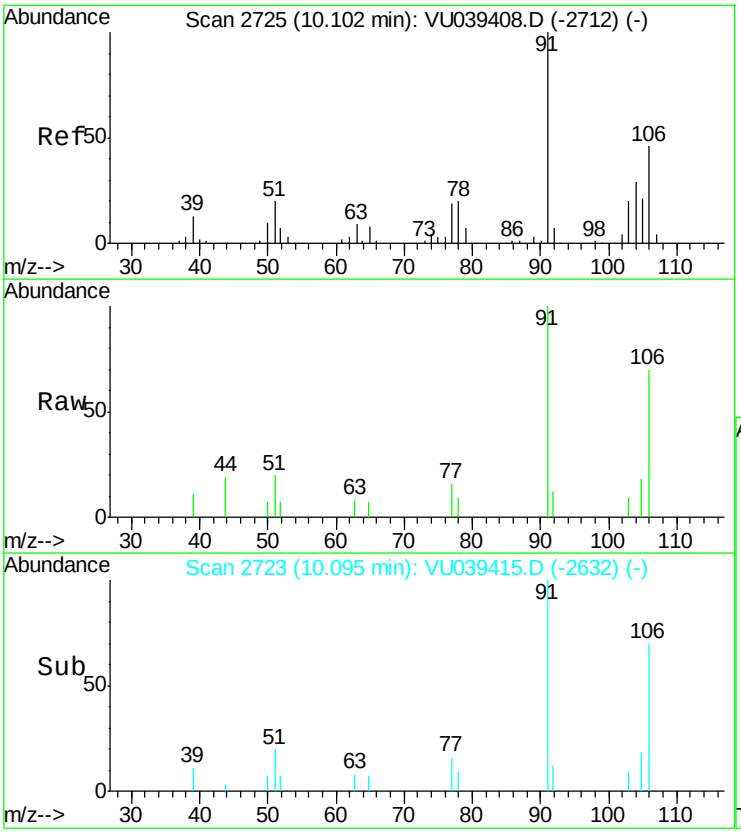
#53
m,p-Xylene
Concen: 0.491 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU039415.D
Acq: 09 Jul 2020 23:57

Instrument : MSVOA_U
ClientSampleId : BE502

Tgt Ion:106 Resp: 5612

Ion	Ratio	Lower	Upper
106	100		
91	208.5	144.0	267.4

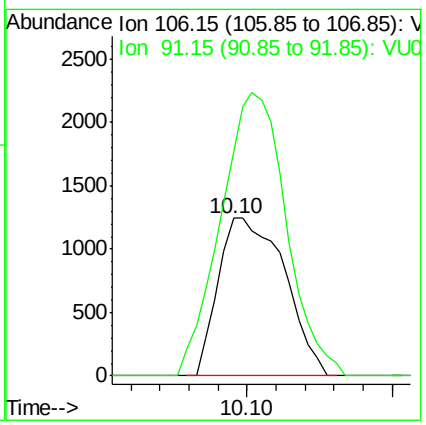


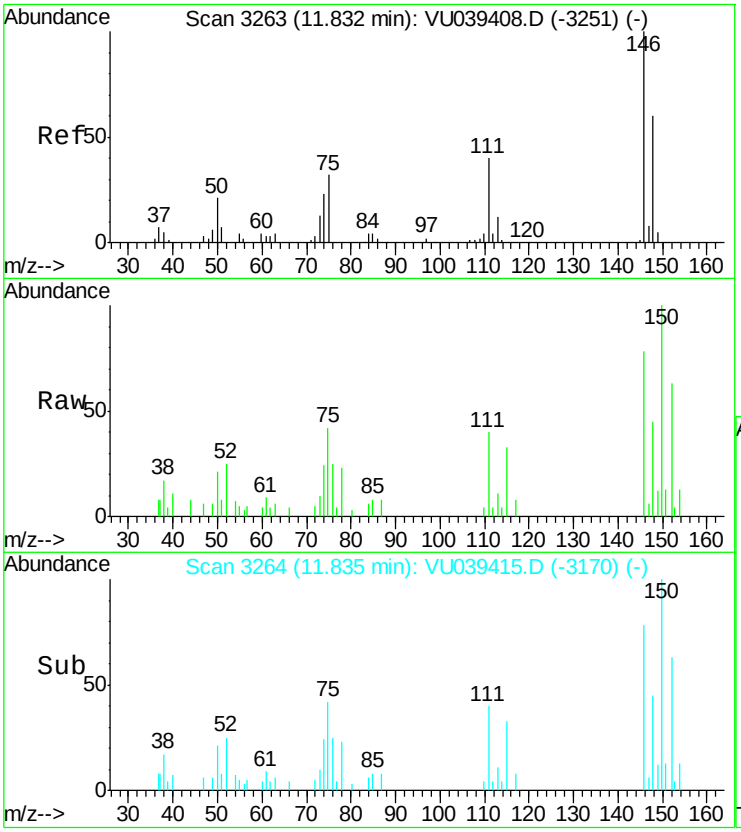


#54
o-Xylene
Concen: 0.177 ug/L
RT: 10.10 min Scan# 2723
Delta R.T. -0.01 min
Lab File: VU039415.D
Acq: 09 Jul 2020 23:57

Tgt Ion:106 Resp: 1971

Ion	Ratio	Lower	Upper
106	100		
91	142.4	154.6	287.2#





#63
1,4-Dichlorobenzene
Concen: 0.339 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.00 min
Lab File: VU039415.D
Acq: 09 Jul 2020 23:57

Instrument :
MSVOA_U
ClientSampleId :
BE502

Tgt Ion:146 Resp: 4518

Ion	Ratio	Lower	Upper
146	100		
111	51.4	28.6	53.0
148	57.6	45.0	83.6