Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051420\
Data File : VU038179.D
Acq On : 14 May 2020 19:00
Operator : JC/MD
Sample : L2653-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AD8

Quant Time: May 15 04:03:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 15 01:05:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	300555	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	293630	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	137338	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	103545	3.77	ug/L	-0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.40%			
7) Chloroethane-d5	1.92	69	100522	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.60%			
11) 1,1-Dichloroethene-d2	2.58	63	147342	3.21	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.20%			
20) 2-Butanone-d5	4.73	46	396807	58.50	ug/L	0.05
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.00%			
24) Chloroform-d	5.10	84	197326	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
26) 1,2-Dichloroethane-d4	5.74	65	118926	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	5.75	84	409049	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	6.72	67	140353	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.92	98	366156	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
43) trans-1,3-Dichloropropene-	8.20	79	48153	4.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.60%			
46) 2-Hexanone-d5	8.66	63	340972	63.47	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 126.94%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	118947	5.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.20%			
64) 1,2-Dichlorobenzene-d4	12.20	152	138524	5.18	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.60%			
Target Compounds						Qvalue
14) Carbon disulfide	2.81	76	7543	0.101	ug/L #	69
19) 1,1-Dichloroethane	3.90	63	45149	1.015	ug/L	99
30) Cyclohexane	5.41	56	19722	0.497	ug/L	98
33) Benzene	5.80	78	15039	0.160	ug/L	100
35) Methylcyclohexane	6.78	83	83533	2.193	ug/L	88
42) Toluene	7.99	91	15302	0.154	ug/L	92
52) Ethylbenzene	9.59	91	8841	0.082	ug/L	98
53) m,p-Xylene	9.71	106	10290	0.250	ug/L	85
54) o-Xylene	10.11	106	9253	0.232	ug/L	92

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

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Instrument : MSVOA_U
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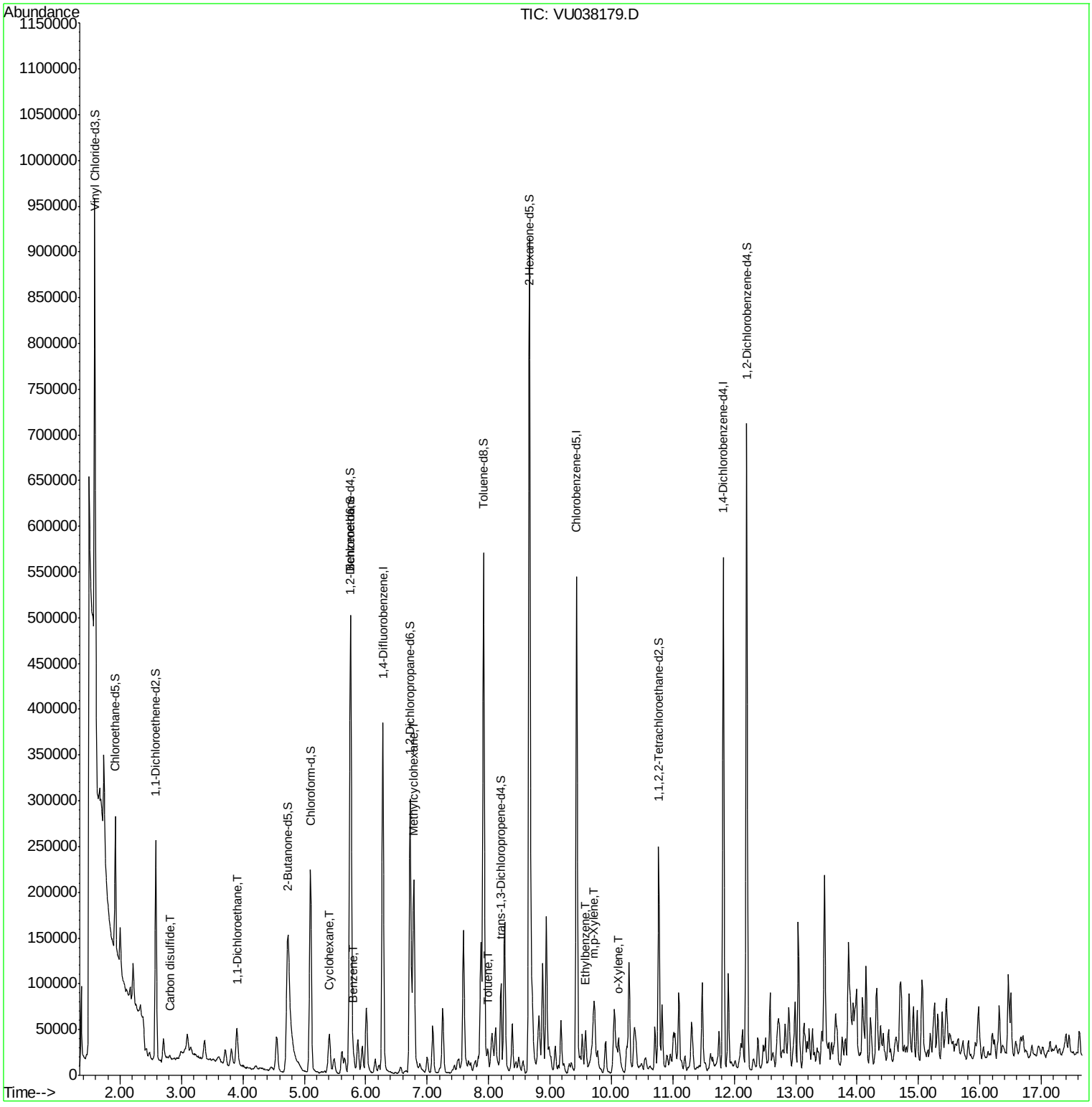
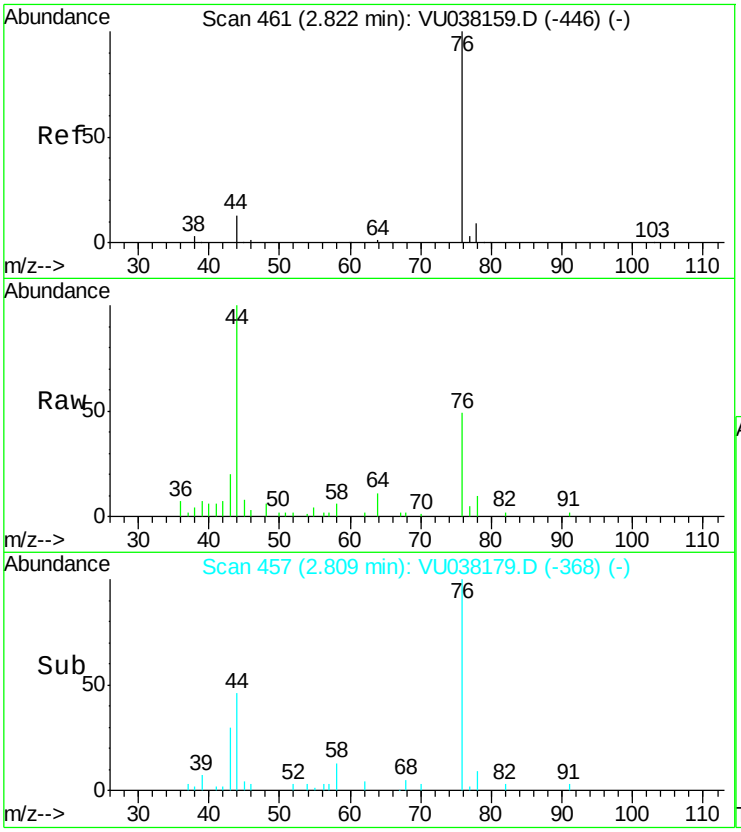
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 15 01:05:40 2020
Response via : Initial Calibration



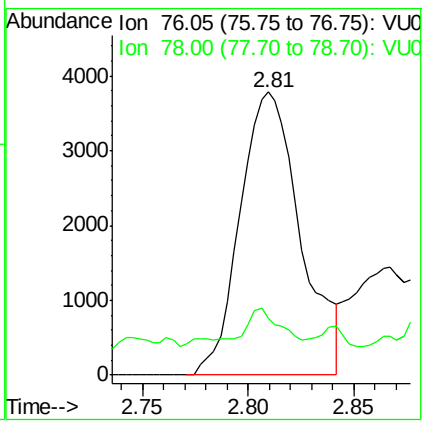


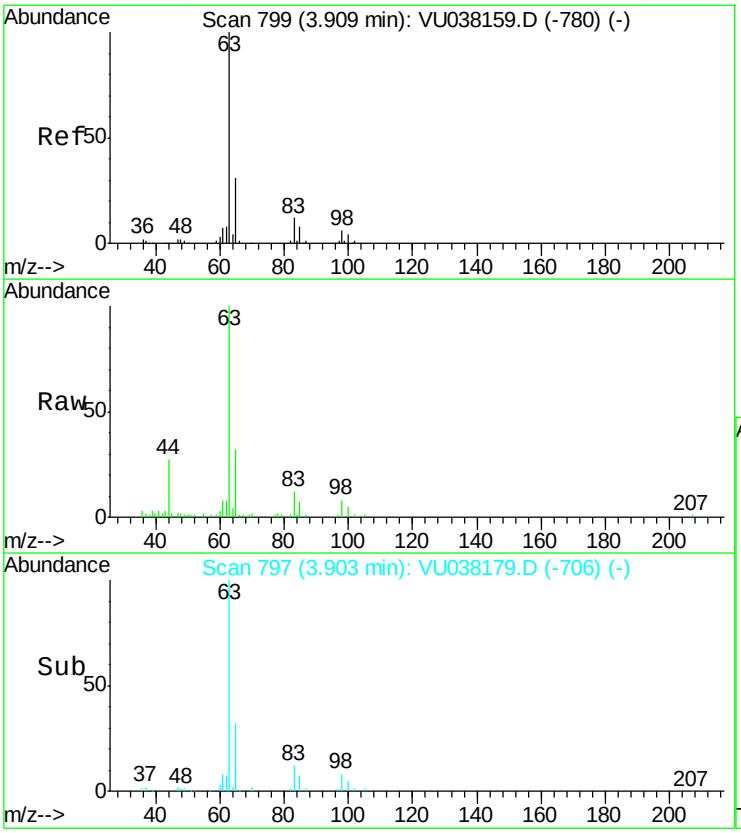
#14
Carbon disulfide
Concen: 0.101 ug/L
RT: 2.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: VU038179.D
Acq: 14 May 2020 19:00

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

Tgt Ion: 76 Resp: 7543

Ion	Ratio	Lower	Upper
76	100		
78	20.1	7.1	10.7#

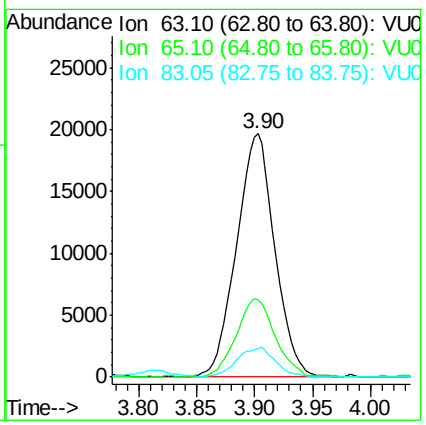


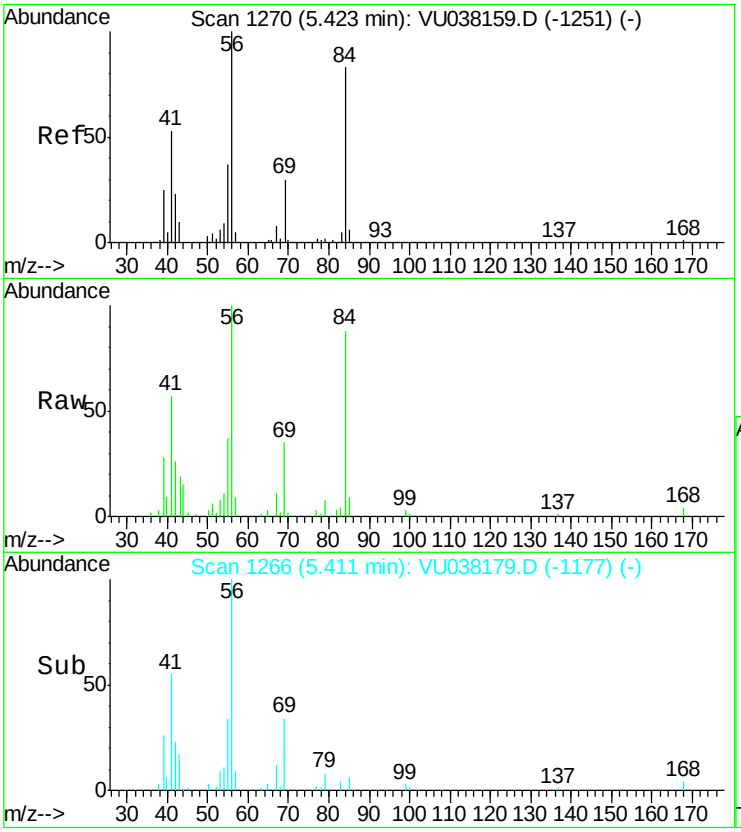


#19
1,1-Dichloroethane
Concen: 1.015 ug/L
RT: 3.90 min Scan# 797
Delta R.T. -0.01 min
Lab File: VU038179.D
Acq: 14 May 2020 19:00

Tgt Ion: 63 Resp: 45149

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.5	41.7
83	11.7	8.9	16.5



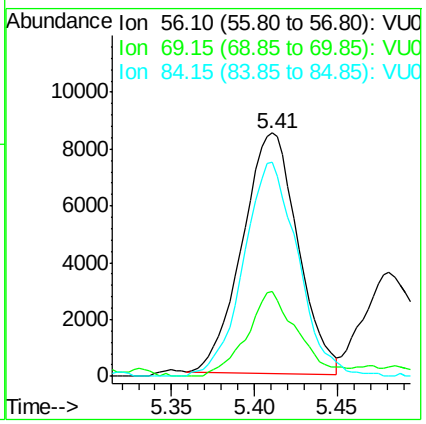


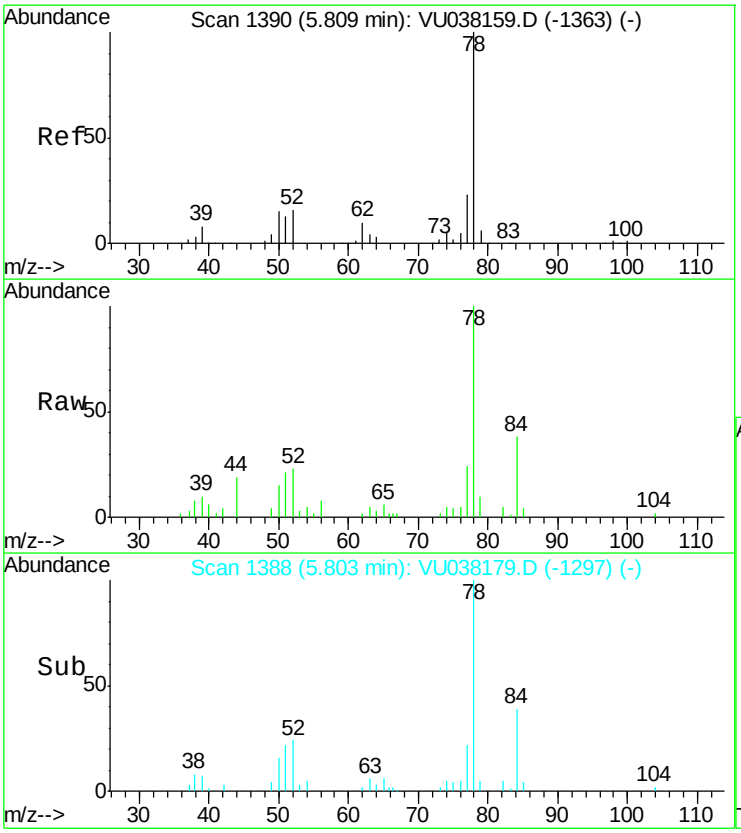
#30
Cyclohexane
Concen: 0.497 ug/L
RT: 5.41 min Scan# 1266
Delta R.T. -0.01 min
Lab File: VU038179.D
Acq: 14 May 2020 19:00

Instrument : MSVOA_U
ClientSampleId : C0AD8

Tgt Ion: 56 Resp: 19722

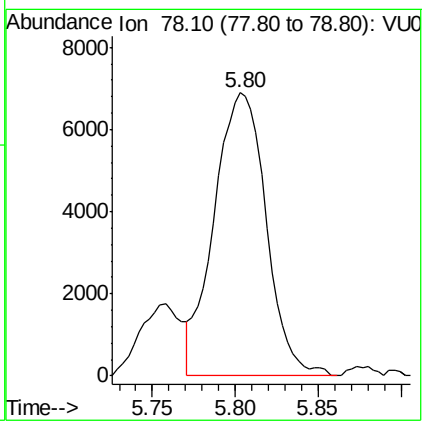
Ion	Ratio	Lower	Upper
56	100		
69	32.5	24.2	36.4
84	87.3	68.5	102.7

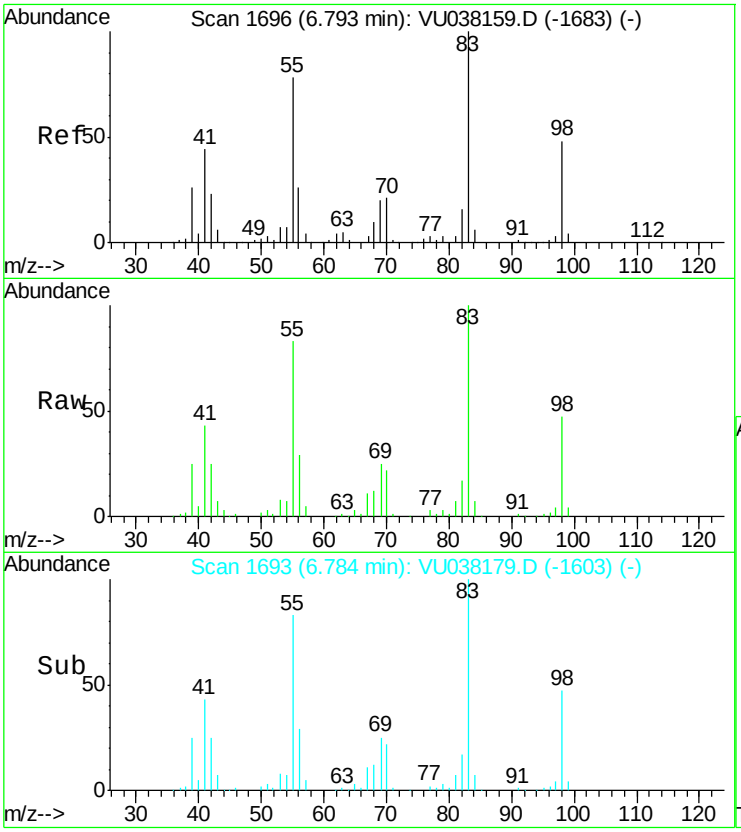




#33
Benzene
Concen: 0.160 ug/L
RT: 5.80 min Scan# 1388
Delta R.T. -0.01 min
Lab File: VU038179.D
Acq: 14 May 2020 19:00

Tgt Ion: 78 Resp: 15039



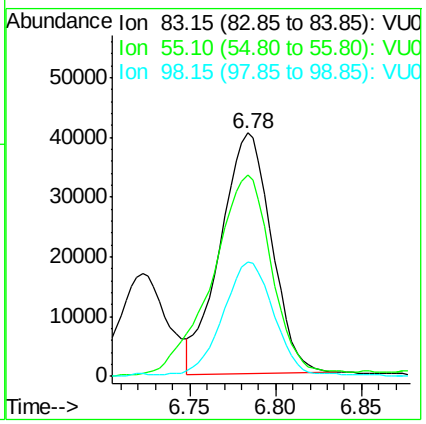


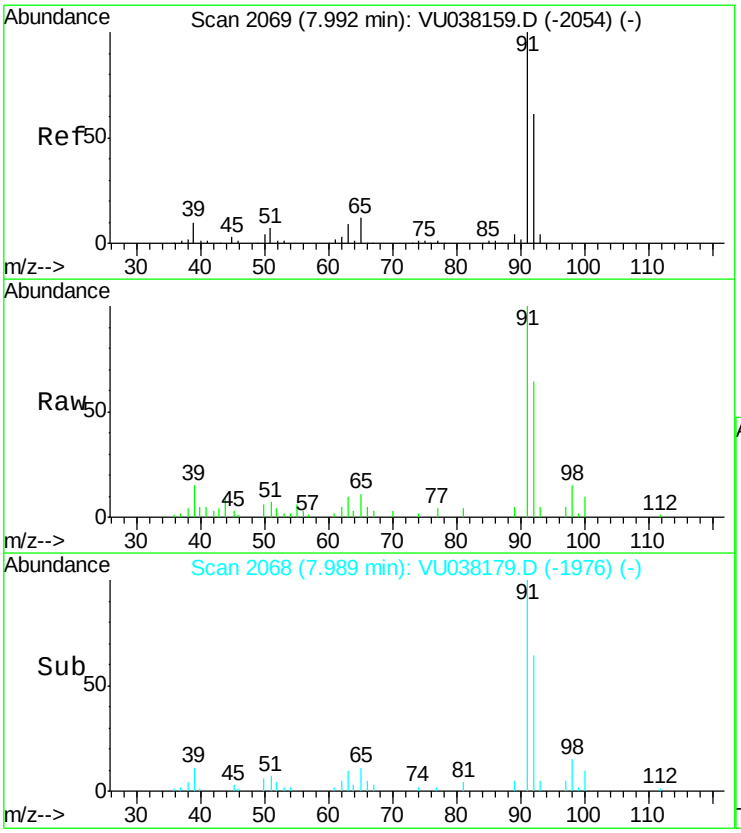
#35
Methylcyclohexane
Concen: 2.193 ug/L
RT: 6.78 min Scan# 1693
Delta R.T. -0.01 min
Lab File: VU038179.D
Acq: 14 May 2020 19:00

Instrument : MSVOA_U
ClientSampleId : C0AD8

Tgt Ion: 83 Resp: 83533

Ion	Ratio	Lower	Upper
83	100		
55	98.2	66.7	100.1
98	45.8	39.4	59.2

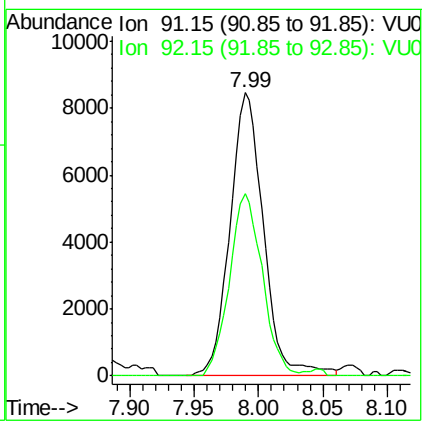


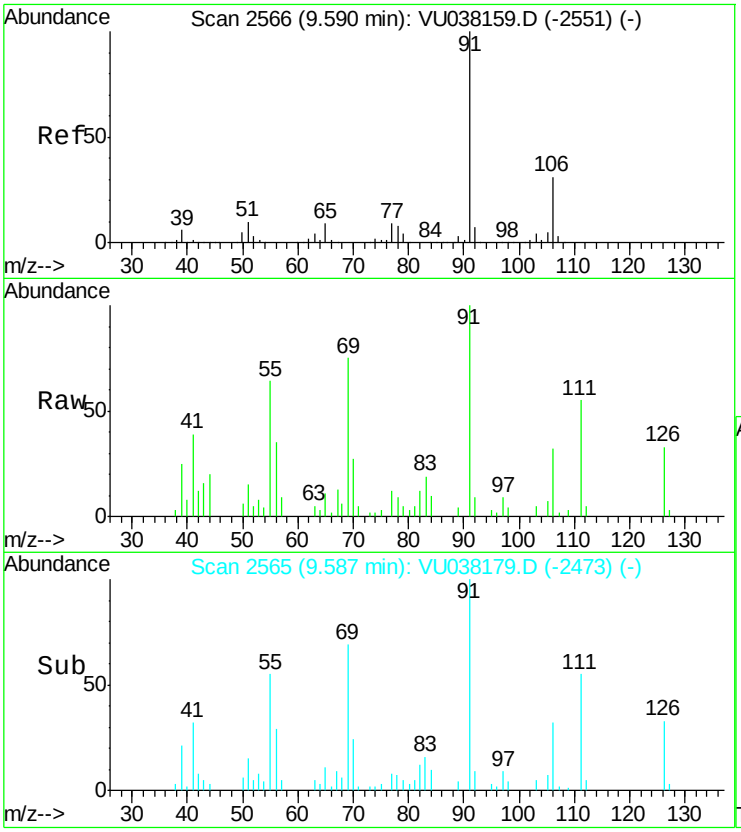


#42
Toluene
Concen: 0.154 ug/L
RT: 7.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: VU038179.D
Acq: 14 May 2020 19:00

Tgt Ion: 91 Resp: 15302

Ion	Ratio	Lower	Upper
91	100		
92	64.4	40.9	75.9



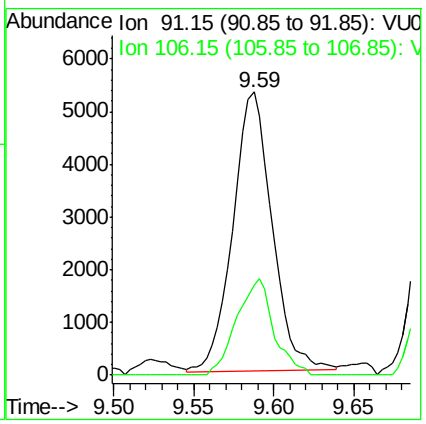


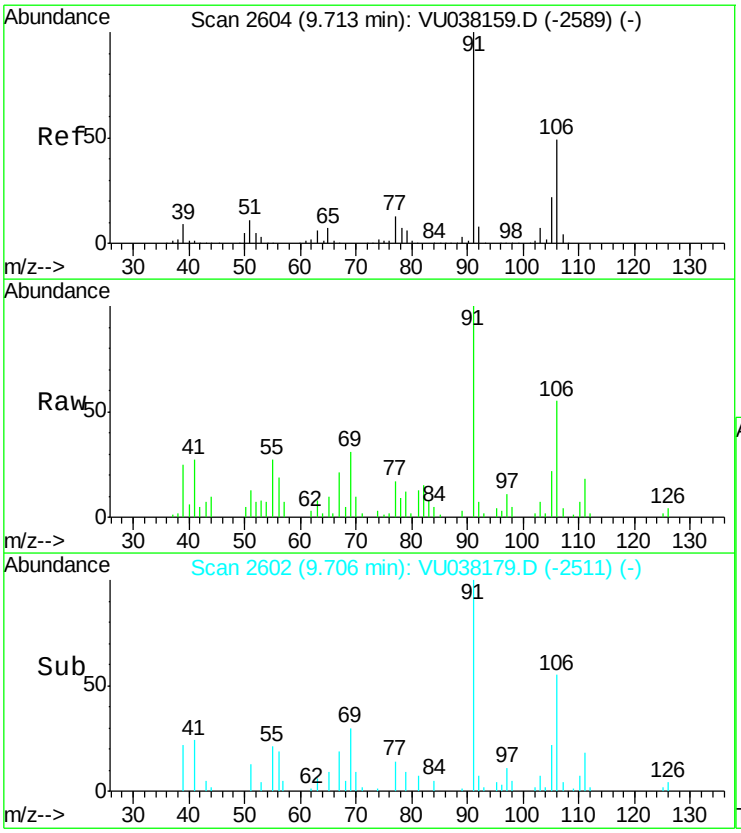
#52
Ethylbenzene
Concen: 0.082 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038179.D
Acq: 14 May 2020 19:00

Instrument : MSVOA_U
ClientSampleId : C0AD8

Tgt Ion: 91 Resp: 8841

Ion	Ratio	Lower	Upper
91	100		
106	32.0	21.8	40.4

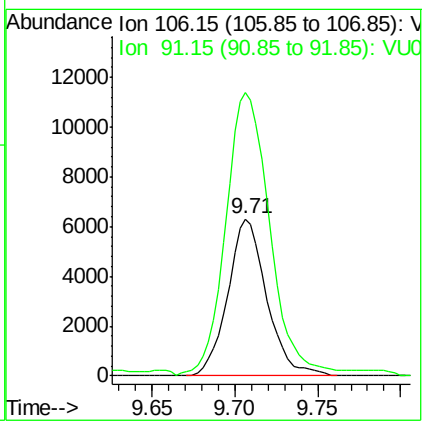


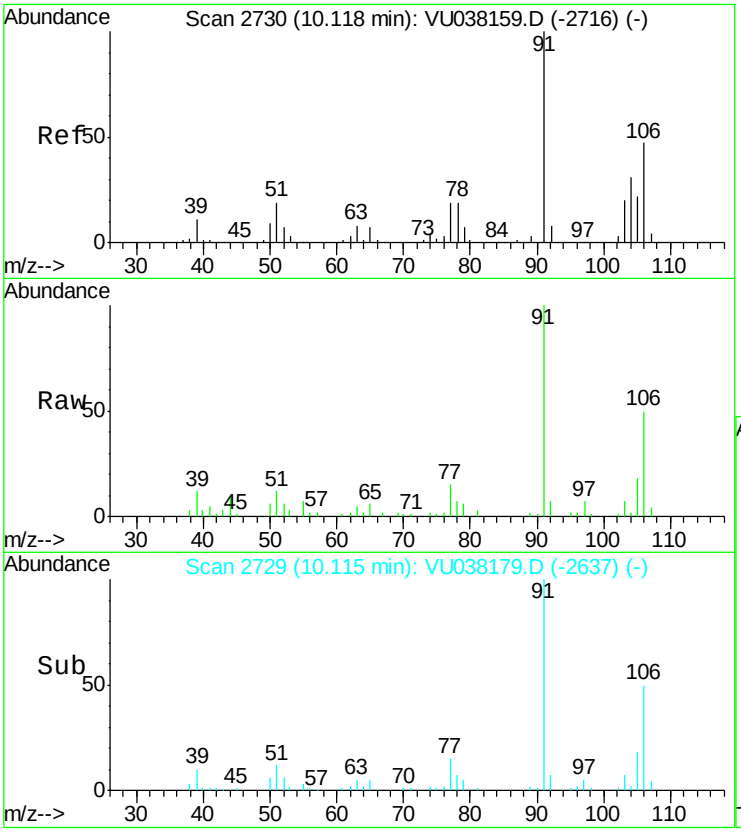


#53
m,p-Xylene
Concen: 0.250 ug/L
RT: 9.71 min Scan# 2602
Delta R.T. -0.01 min
Lab File: VU038179.D
Acq: 14 May 2020 19:00

Tgt Ion:106 Resp: 10290

Ion	Ratio	Lower	Upper
106	100		
91	180.7	142.1	263.9





#54
o-Xylene
Concen: 0.232 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU038179.D
Acq: 14 May 2020 19:00

Instrument :
MSVOA_U
ClientSampleId :
C0AD8

Tgt Ion:106 Resp: 9253

Ion	Ratio	Lower	Upper
106	100		
91	199.1	148.5	275.9