Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040441.D
Acq On : 01 Oct 2020 23:47
Operator : SY/MD
Sample : L4240-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3T1

Quant Time: Oct 02 06:35:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 05:20:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	153086	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	143808	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	73208	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	29026	3.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.60%			
7) Chloroethane-d5	1.92	69	28262	4.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.20%			
11) 1,1-Dichloroethene-d2	2.58	63	48700	2.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.40%#			
20) 2-Butanone-d5	4.66	46	205122	54.49	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.98%			
24) Chloroform-d	5.08	84	81811	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.72	65	50468	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
32) Benzene-d6	5.75	84	145119	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
36) 1,2-Dichloropropane-d6	6.70	67	53514	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.20%			
41) Toluene-d8	7.91	98	121368	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	8.19	79	18913	4.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%			
46) 2-Hexanone-d5	8.64	63	148940	58.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.34%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51997	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	59004	5.32	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.40%			
Target Compounds						Qvalue
14) Carbon disulfide	2.81	76	10630	0.288	ug/L	97
30) Cyclohexane	5.40	56	31250	1.538	ug/L #	79
35) Methylcyclohexane	6.77	83	13183	0.702	ug/L	93
42) Toluene	7.97	91	13099	0.265	ug/L	95
51) Chlorobenzene	9.45	112	5199	0.163	ug/L	98
52) Ethylbenzene	9.57	91	3692	0.069	ug/L	95
53) m,p-Xylene	9.69	106	4724	0.236	ug/L	88
54) o-Xylene	10.10	106	1793	0.095	ug/L	71
56) Isopropylbenzene	10.48	105	3880	0.076	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	1772	0.070	ug/L	91
68) 1,2,4-trichlorobenzene	13.83	180	37674	2.710	ug/L	96
70) 1,2,3-Trichlorobenzene	14.32	180	8630	0.678	ug/L #	90

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

Quantitation Report (QT/LSC Reviewed)

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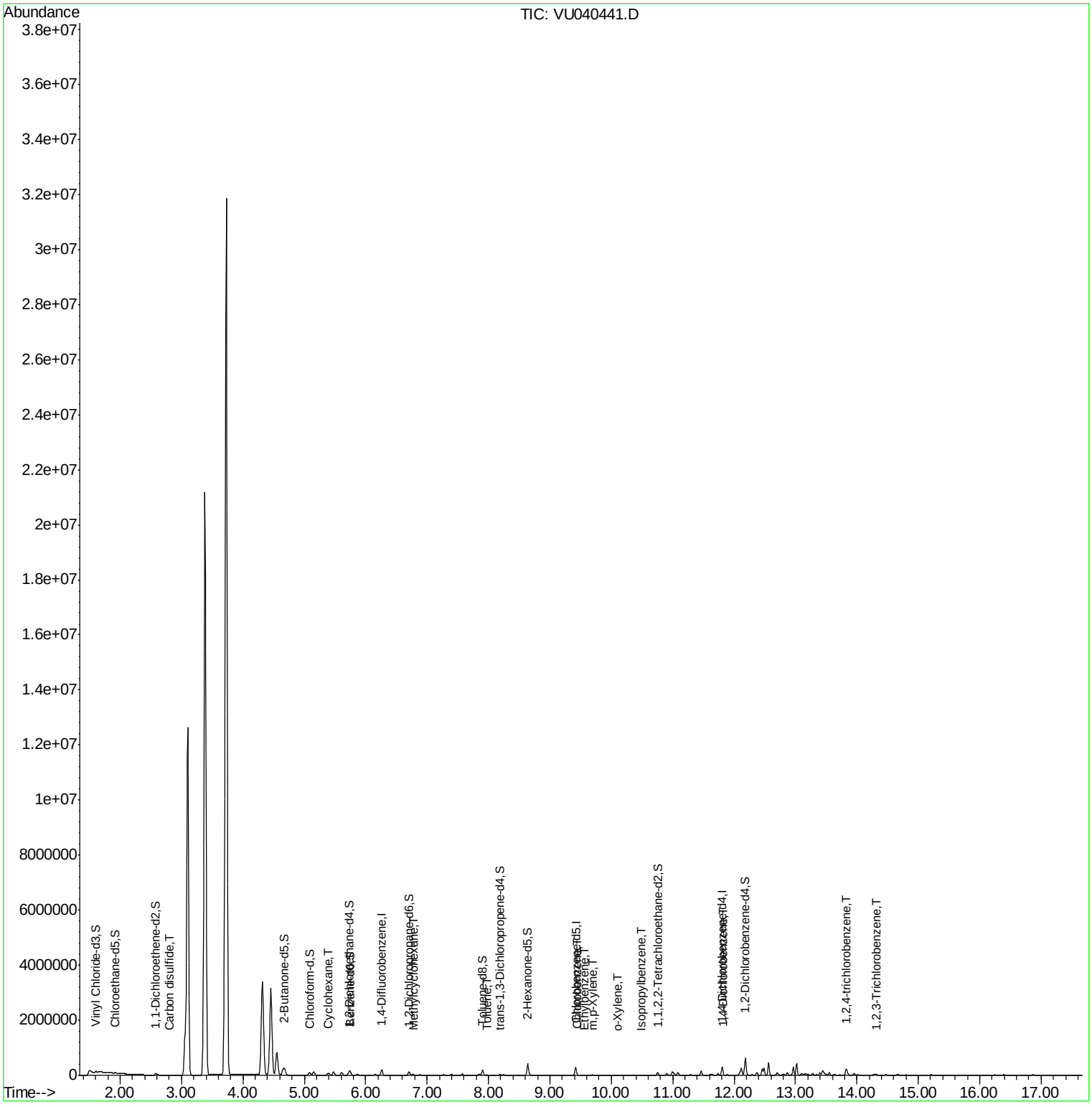
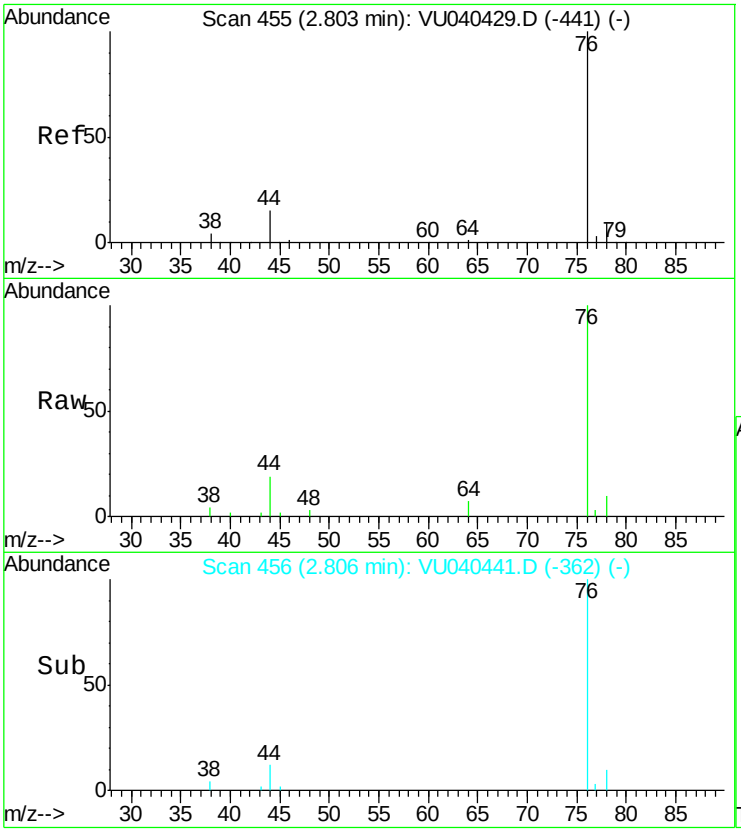
Data File : VU040441.D
Acq On : 01 Oct 2020 23:47
Operator : SY/MD
Sample : L4240-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Quant Time: Oct 02 06:35:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 05:20:15 2020
Response via : Initial Calibration



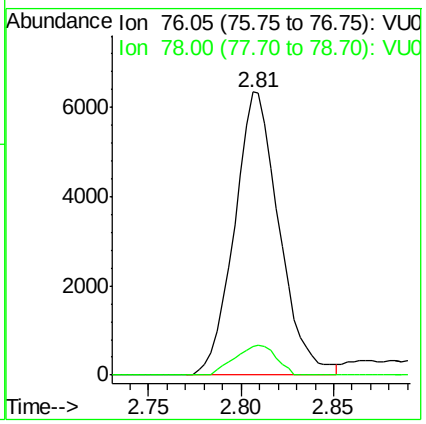


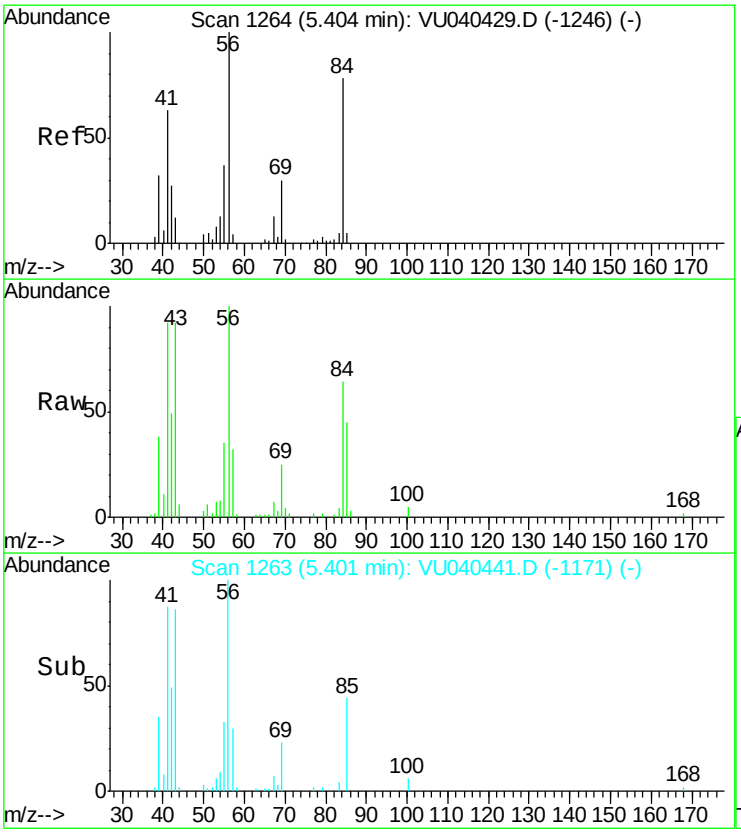
#14
Carbon disulfide
Concen: 0.288 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion: 76 Resp: 10630

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.2	10.8

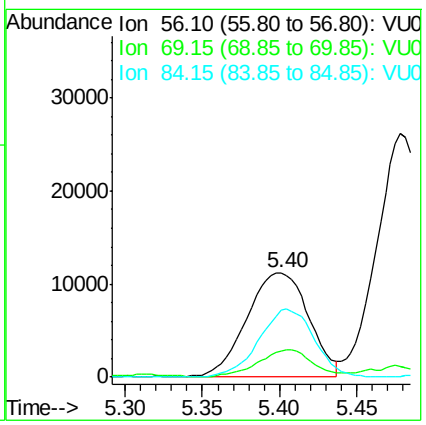


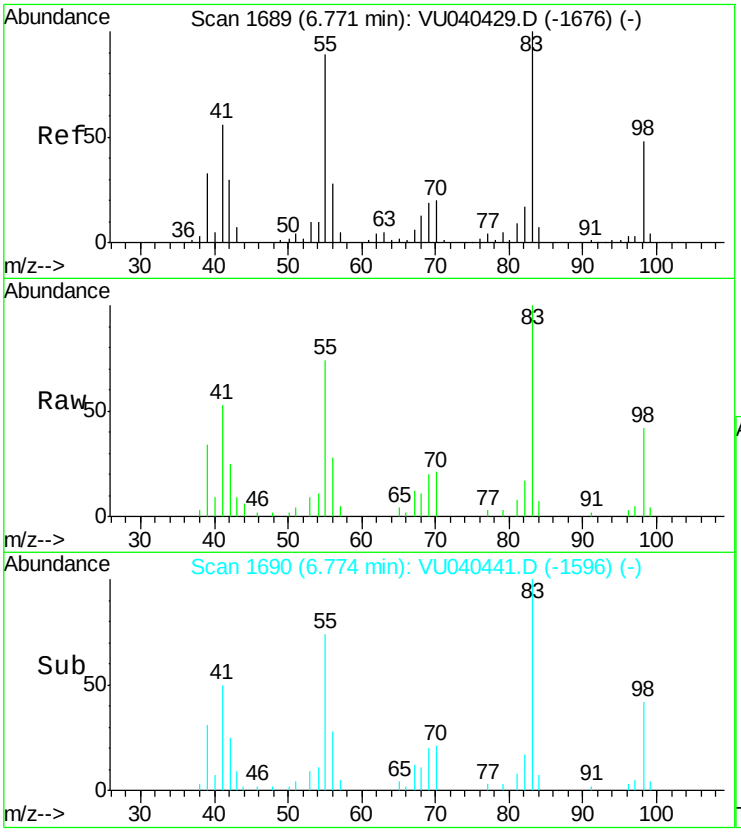


#30
Cyclohexane
Concen: 1.538 ug/L
RT: 5.40 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion: 56 Resp: 31250

Ion	Ratio	Lower	Upper
56	100		
69	23.1	23.3	34.9#
84	58.2	64.2	96.4#



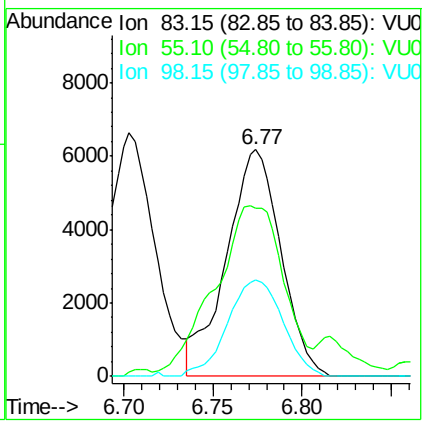


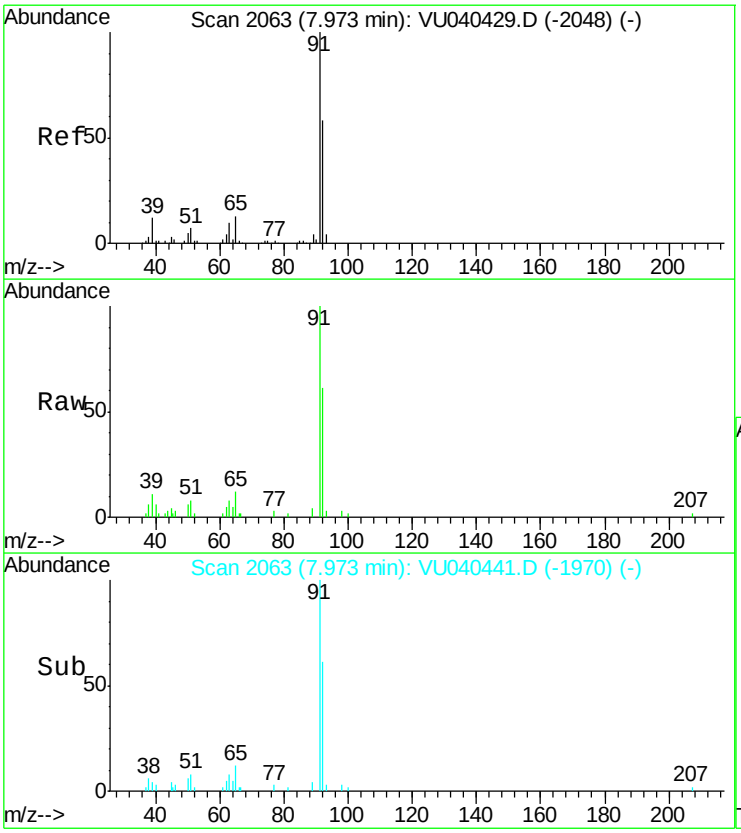
#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion: 83 Resp: 13183

Ion	Ratio	Lower	Upper
83	100		
55	95.6	71.4	107.2
98	43.2	38.5	57.7

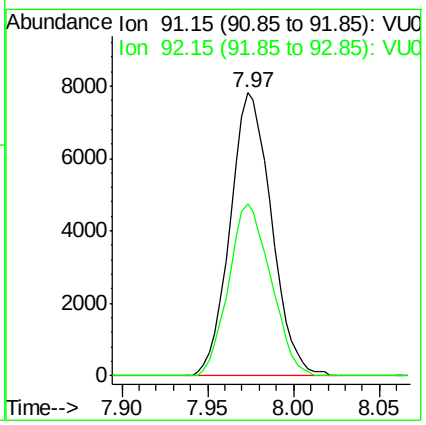


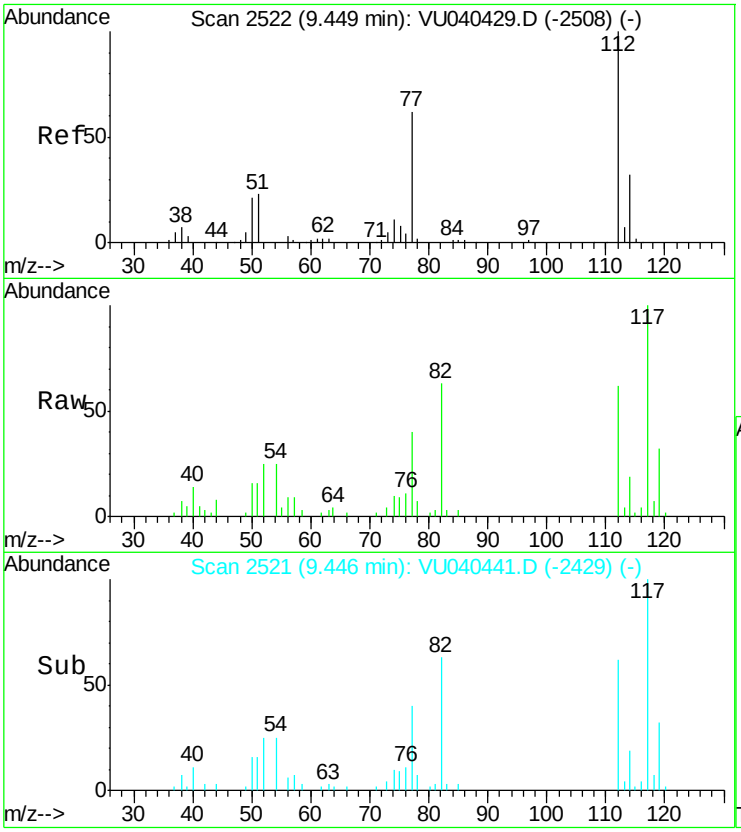


#42
Toluene
Concen: 0.265 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. 0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion: 91 Resp: 13099

Ion	Ratio	Lower	Upper
91	100		
92	61.0	40.0	74.4



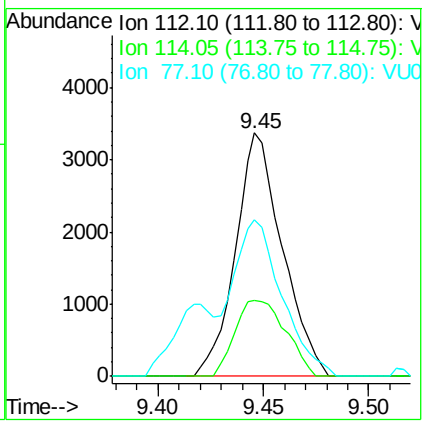


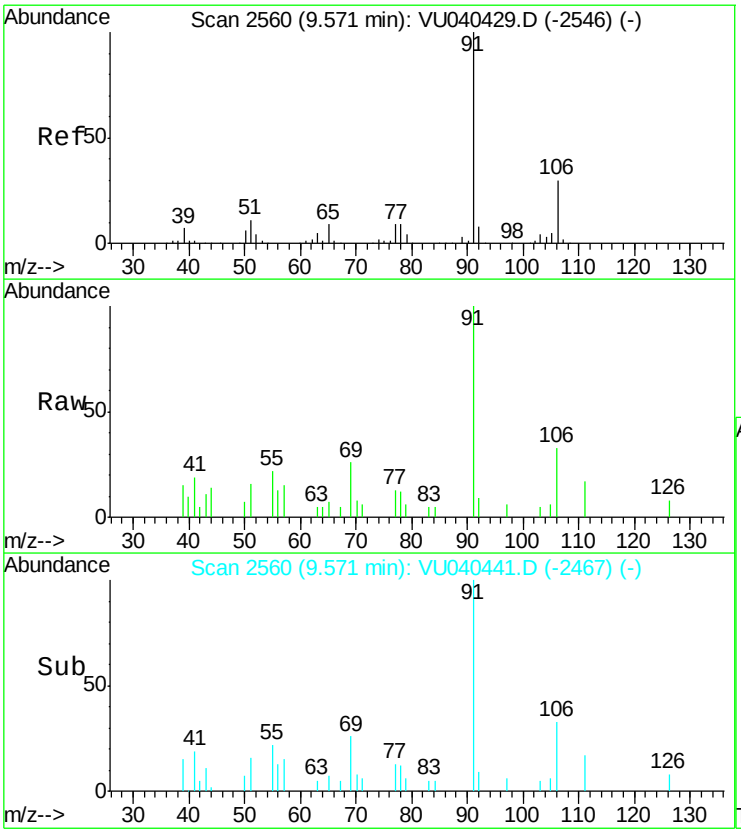
#51
Chlorobenzene
Concen: 0.163 ug/L
RT: 9.45 min Scan# 2521
Delta R.T. -0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument : MSVOA_U
ClientSampleId : BG3T1

Tgt Ion:112 Resp: 5199

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.0	40.8
77	64.3	49.5	74.3

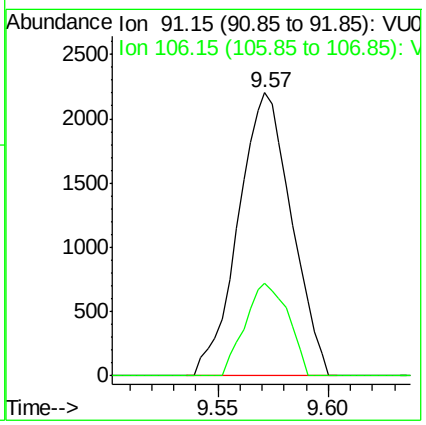


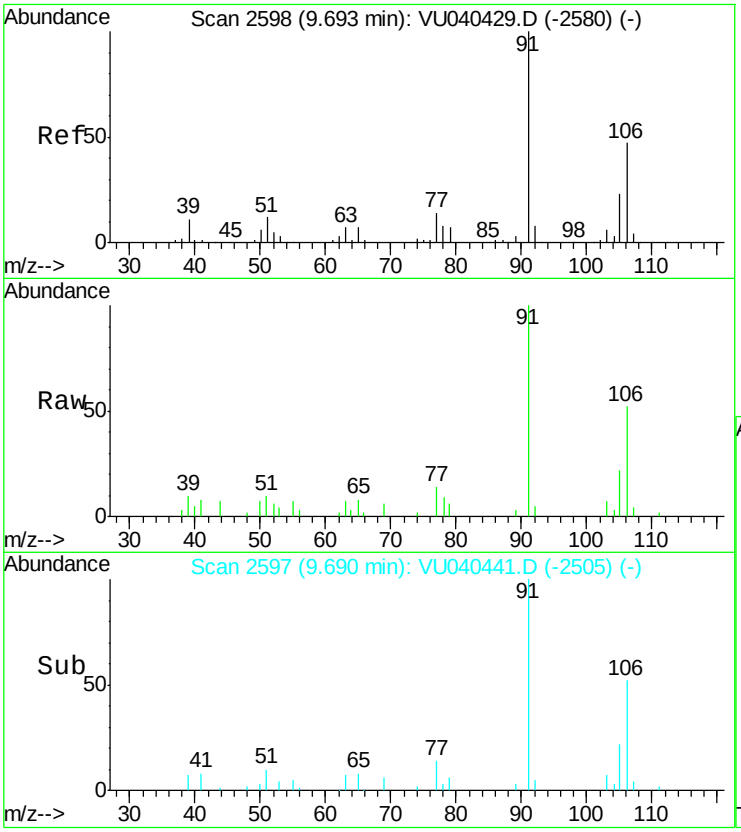


#52
Ethylbenzene
Concen: 0.069 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion: 91 Resp: 3692

Ion	Ratio	Lower	Upper
91	100		
106	32.7	21.1	39.3



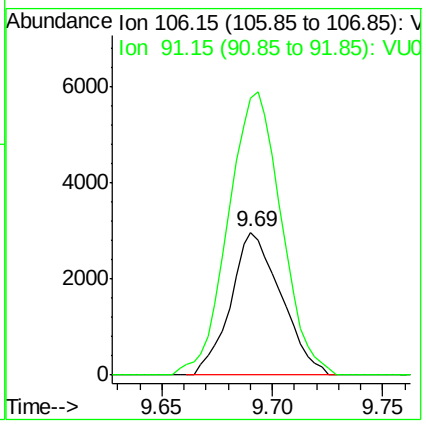


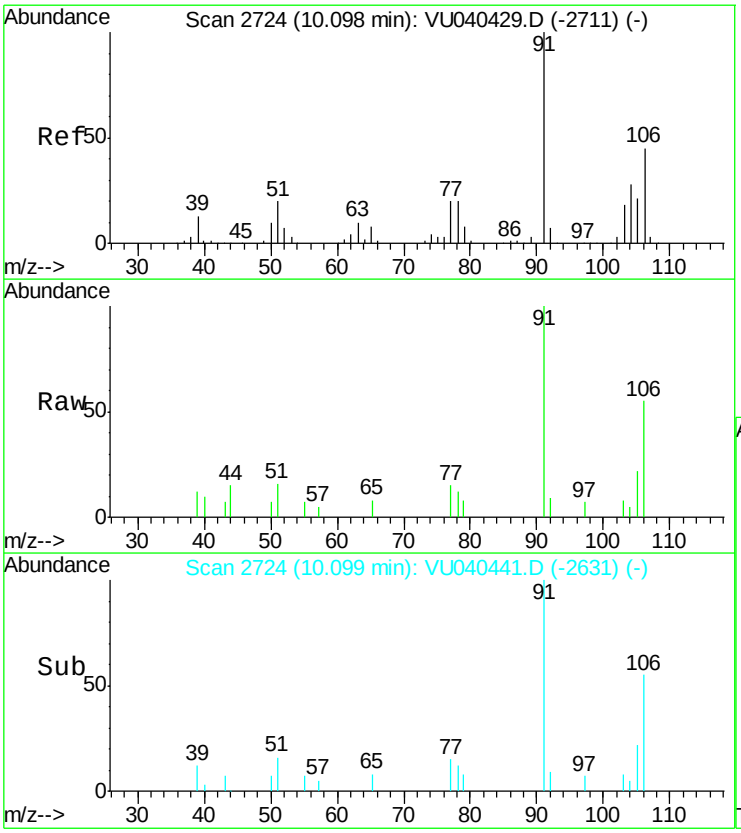
#53
m,p-Xylene
Concen: 0.236 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion:106 Resp: 4724

Ion	Ratio	Lower	Upper
106	100		
91	193.5	149.0	276.6

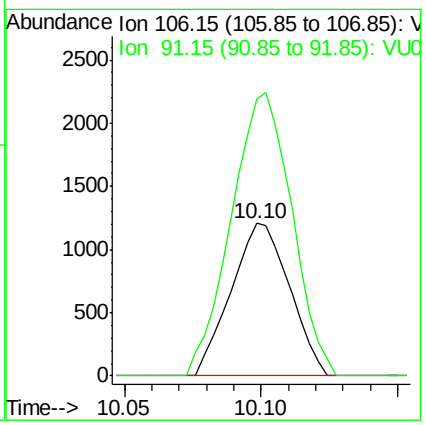


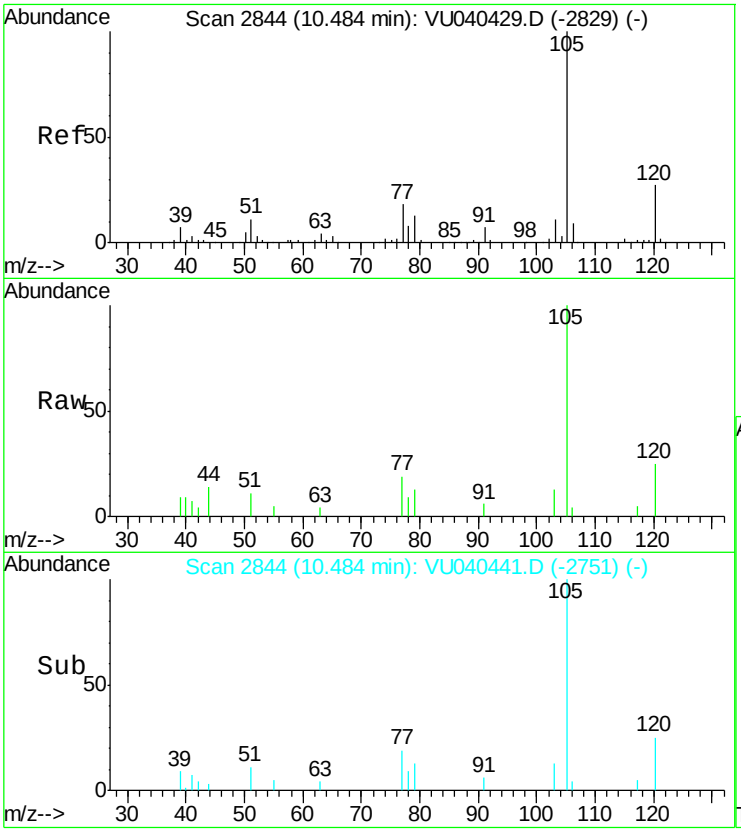


#54
o-Xylene
Concen: 0.095 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. 0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion:106 Resp: 1793

Ion	Ratio	Lower	Upper
106	100		
91	181.5	160.9	298.9



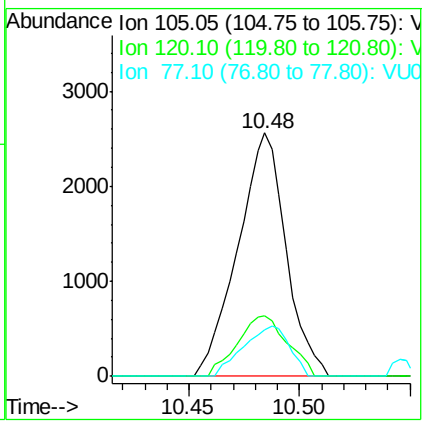


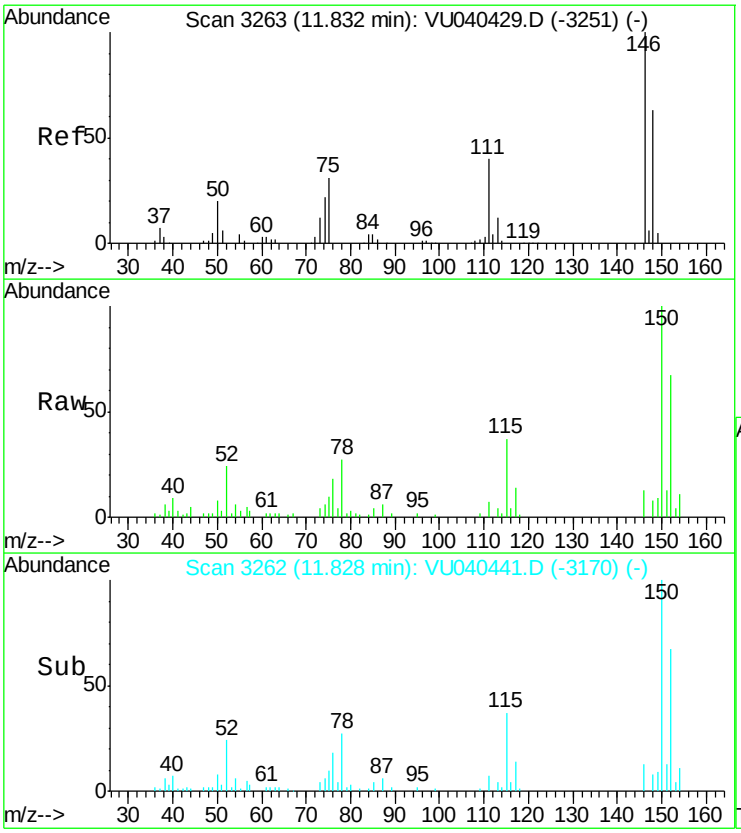
#56
Isopropylbenzene
Concen: 0.076 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion:105 Resp: 3880

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.6	30.8
77	19.7	14.3	21.5

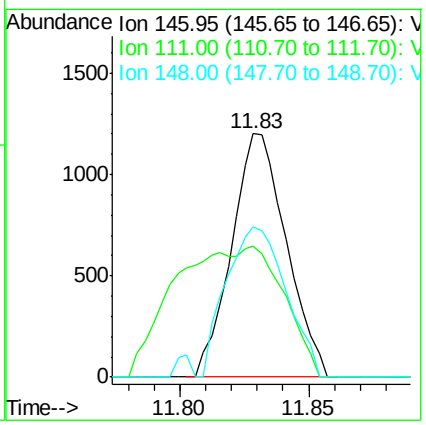


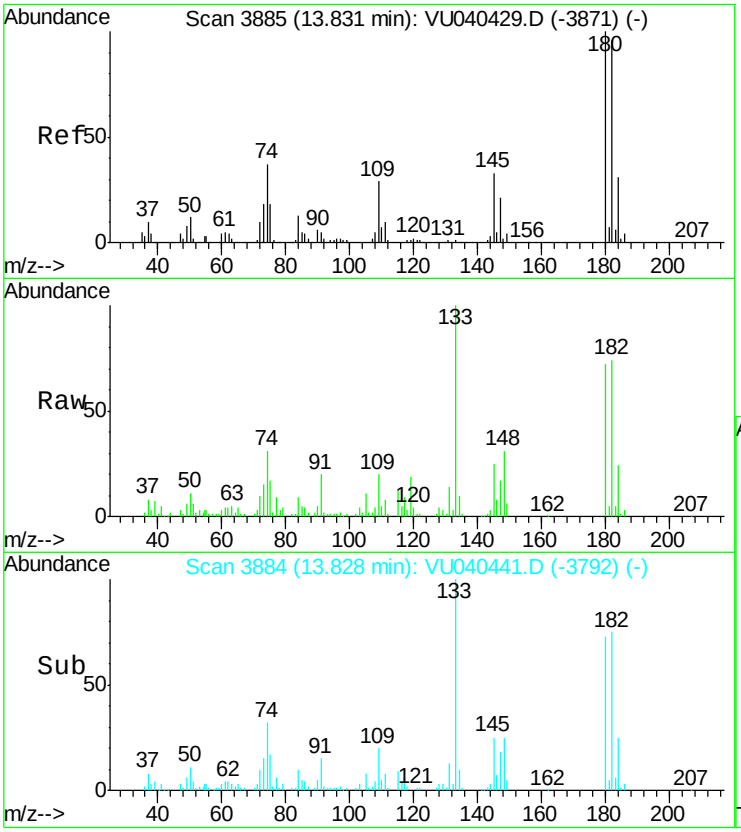


#63
1,4-Dichlorobenzene
Concen: 0.070 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. -0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion:146 Resp: 1772

Ion	Ratio	Lower	Upper
146	100		
111	53.8	29.2	54.2
148	61.9	44.4	82.4



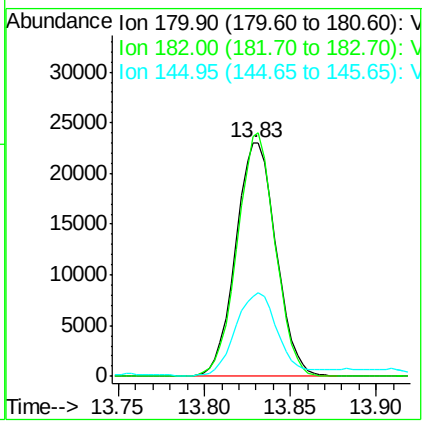


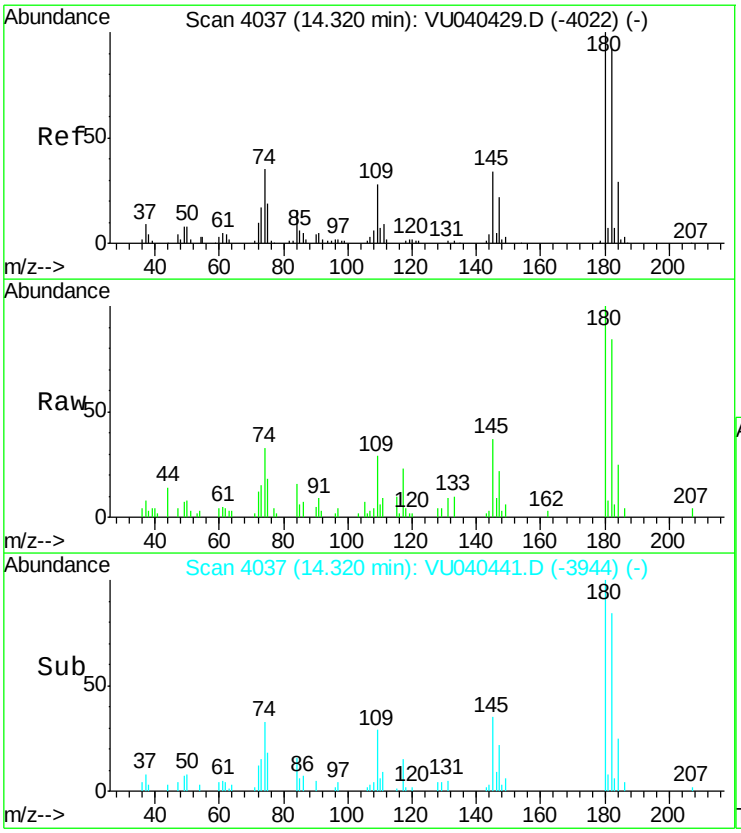
#68
1,2,4-trichlorobenzene
Concen: 2.710 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. -0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tgt Ion:180 Resp: 37674

Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.6	115.0
145	38.9	26.3	39.5





#70
1,2,3-Trichlorobenzene
Concen: 0.678 ug/L
RT: 14.32 min Scan# 4037
Delta R.T. 0.00 min
Lab File: VU040441.D
Acq: 01 Oct 2020 23:47

Tgt Ion:180 Resp: 8630

Ion	Ratio	Lower	Upper
180	100		
182	90.2	76.6	115.0
145	48.0	27.8	41.6#