Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040442.D
Acq On : 02 Oct 2020 00:10
Operator : SY/MD
Sample : L4240-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3T3

Quant Time: Oct 02 06:40:02 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	153057	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	148741	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	72549	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	26503	3.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.00%			
7) Chloroethane-d5	1.92	69	29275	4.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.20%			
11) 1,1-Dichloroethene-d2	2.58	63	47226	2.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 51.80%#			
20) 2-Butanone-d5	4.66	46	205120	54.50	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.00%			
24) Chloroform-d	5.08	84	79362	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
26) 1,2-Dichloroethane-d4	5.72	65	49765	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
32) Benzene-d6	5.75	84	139150	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	6.70	67	51559	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.91	98	110974	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
43) trans-1,3-Dichloropropene-	8.19	79	19002	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
46) 2-Hexanone-d5	8.64	63	144847	55.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.32%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49587	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	55099	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
13) Acetone	2.66	43	8625	2.750	ug/L	97
14) Carbon disulfide	2.81	76	3837	0.104	ug/L #	95
30) Cyclohexane	5.41	56	3378	0.161	ug/L	97
42) Toluene	7.97	91	9335	0.183	ug/L	97
51) Chlorobenzene	9.45	112	7417	0.224	ug/L	97
52) Ethylbenzene	9.57	91	2761	0.050	ug/L	89
53) m,p-Xylene	9.69	106	2828	0.137	ug/L	90
54) o-Xylene	10.10	106	1554	0.080	ug/L	72
56) Isopropylbenzene	10.48	105	2413	0.046	ug/L	96
68) 1,2,4-trichlorobenzene	13.83	180	7476	0.543	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	2591	0.206	ug/L #	88

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

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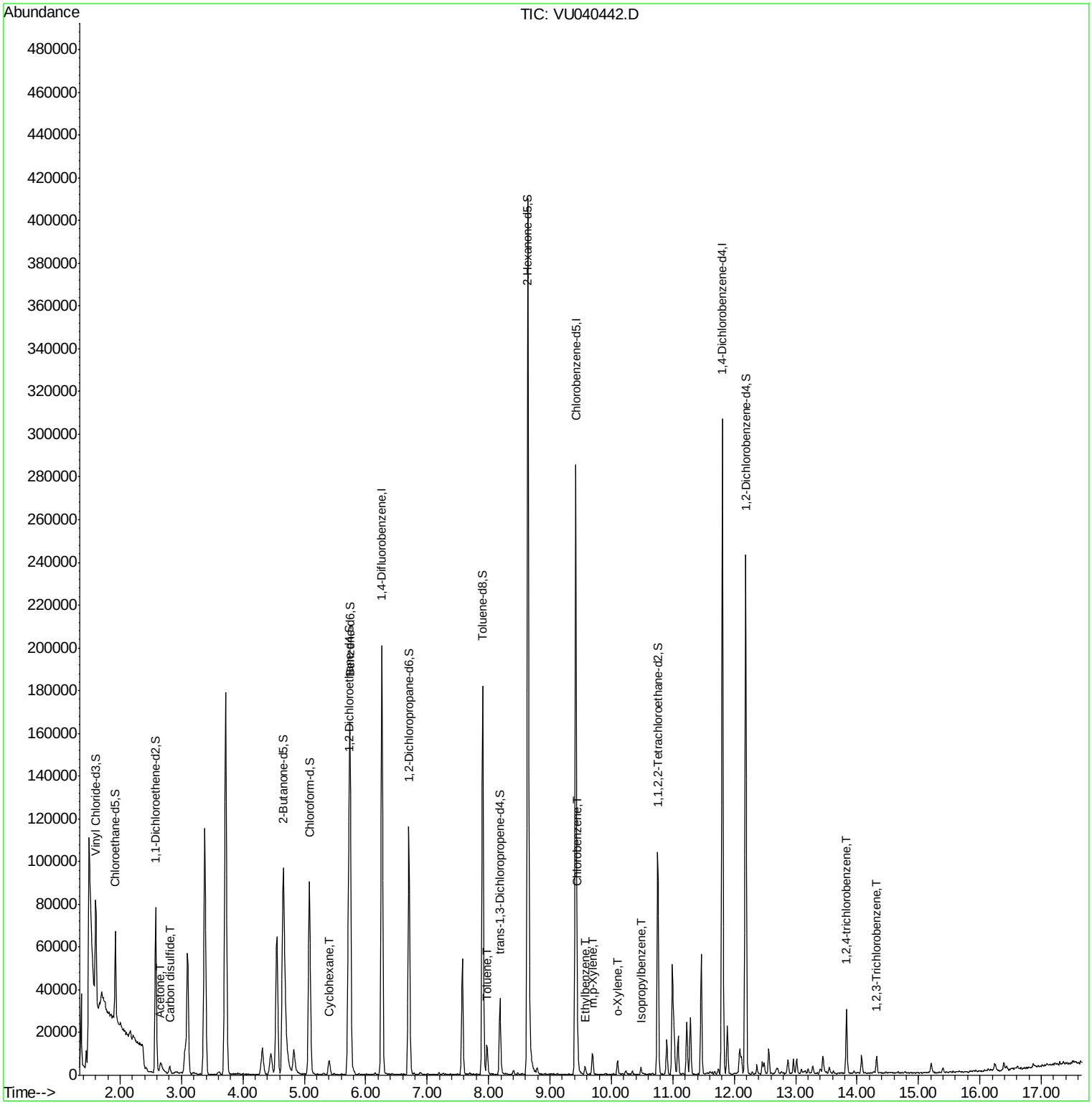
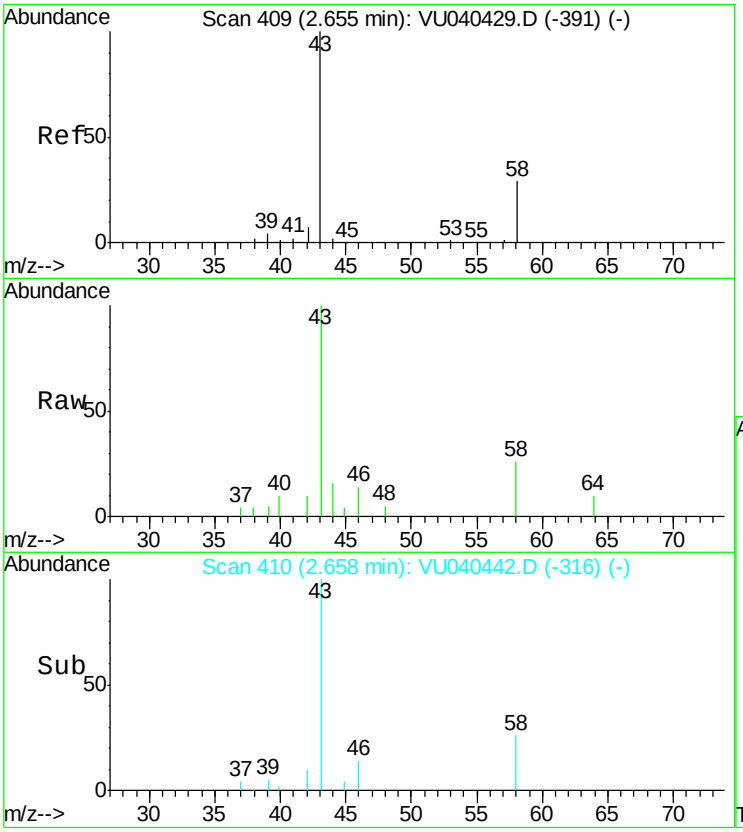
Operator : SY/MD
Sample : L4240-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3T3

Quant Time: Oct 02 06:40:02 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



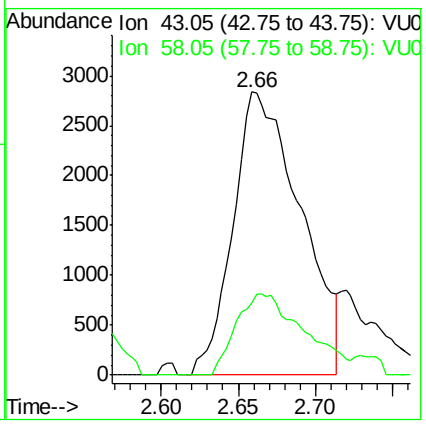


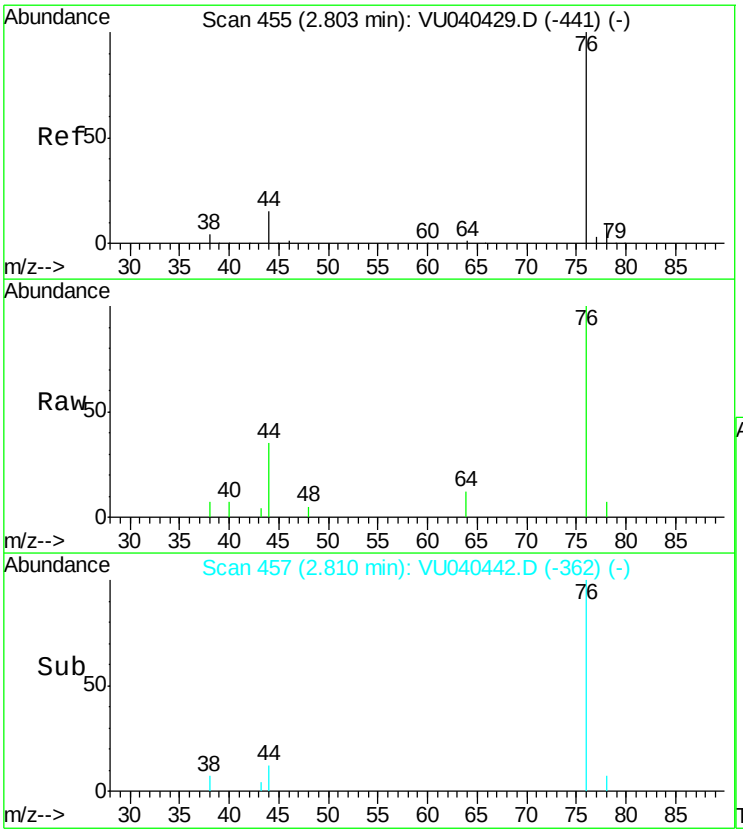
#13
Acetone
Concen: 2.750 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument :
MSVOA_U
ClientSampleId :
BG3T3

Tgt Ion: 43 Resp: 8625

Ion	Ratio	Lower	Upper
43	100		
58	29.1	0.0	61.8

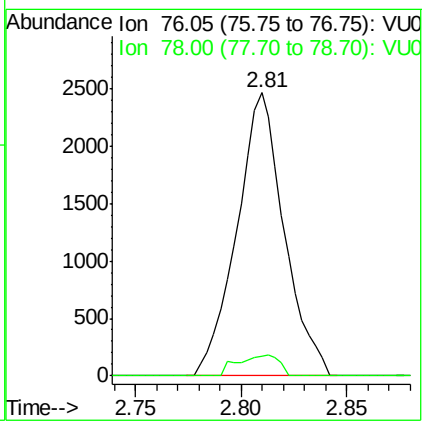


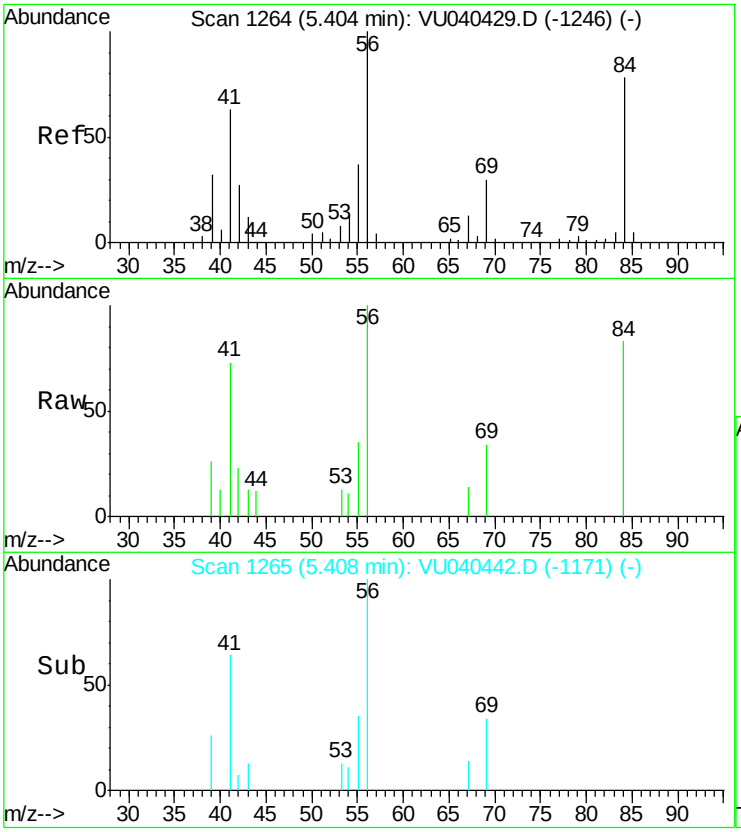


#14
Carbon disulfide
Concen: 0.104 ug/L
RT: 2.81 min Scan# 457
Delta R.T. 0.01 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Tgt Ion: 76 Resp: 3837

Ion	Ratio	Lower	Upper
76	100		
78	7.1	7.2	10.8#



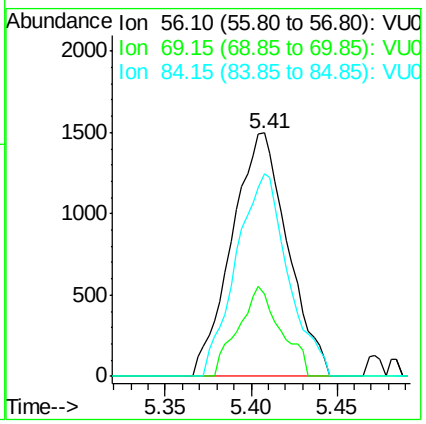


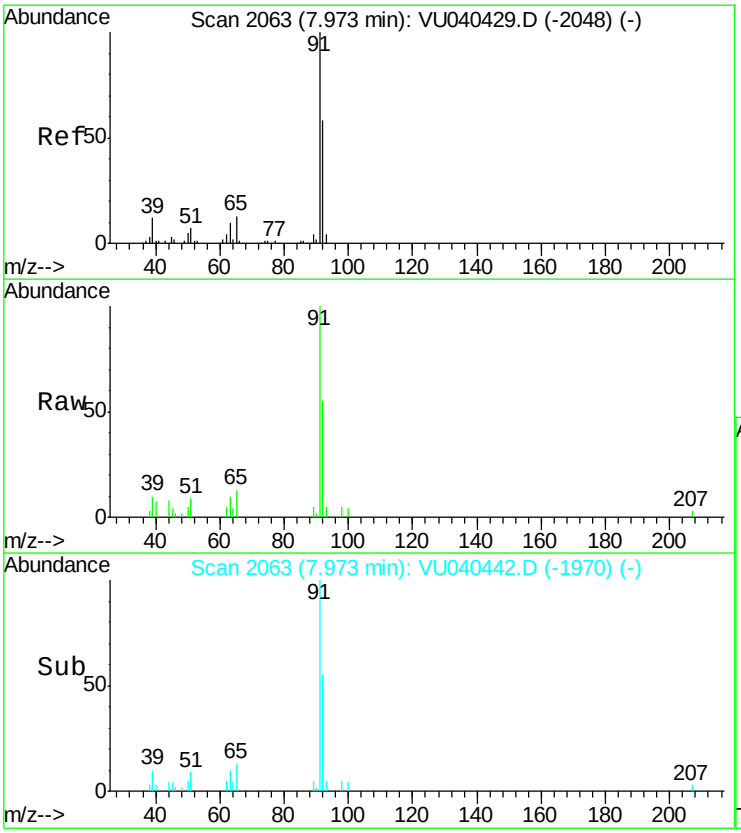
#30
Cyclohexane
Concen: 0.161 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument : MSVOA_U
ClientSampleId : BG3T3

Tgt Ion: 56 Resp: 3378

Ion	Ratio	Lower	Upper
56	100		
69	28.0	23.3	34.9
84	77.1	64.2	96.4

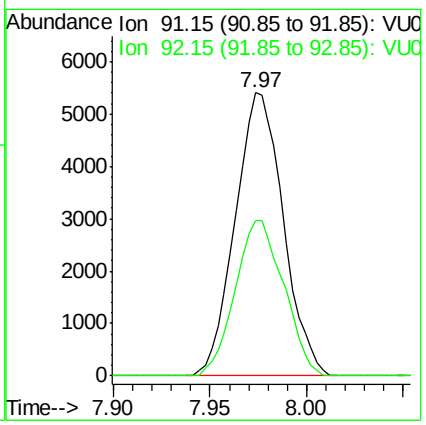


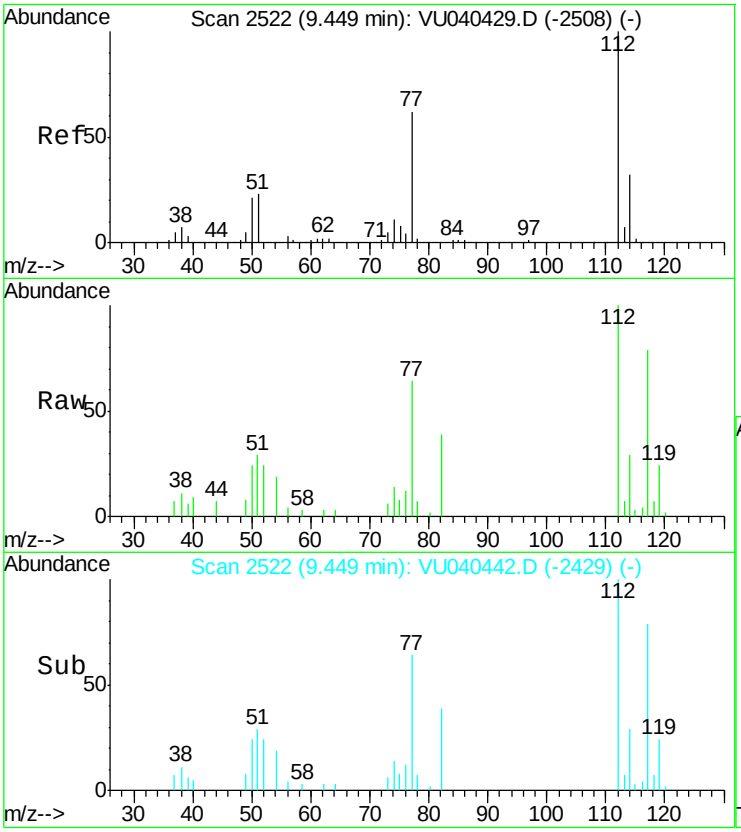


#42
Toluene
Concen: 0.183 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Tgt Ion: 91 Resp: 9335

Ion	Ratio	Lower	Upper
91	100		
92	54.7	40.0	74.4



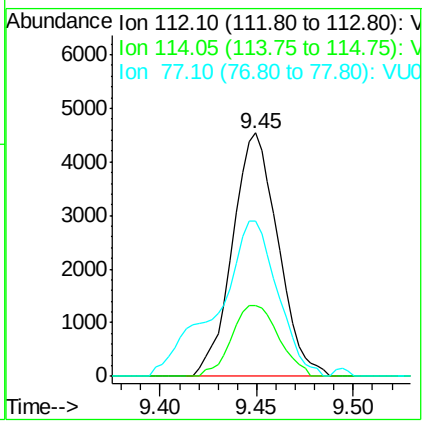


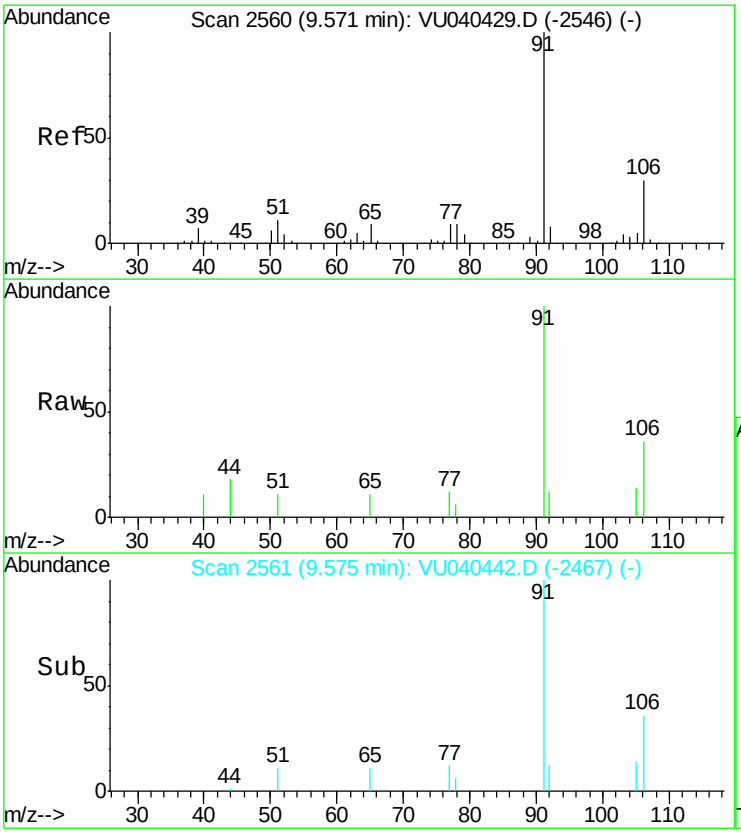
#51
Chlorobenzene
Concen: 0.224 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument : MSVOA_U
ClientSampleId : BG3T3

Tgt Ion:112 Resp: 7417

Ion	Ratio	Lower	Upper
112	100		
114	29.2	22.0	40.8
77	63.8	49.5	74.3

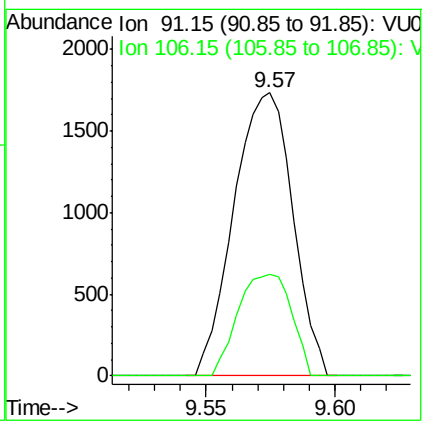


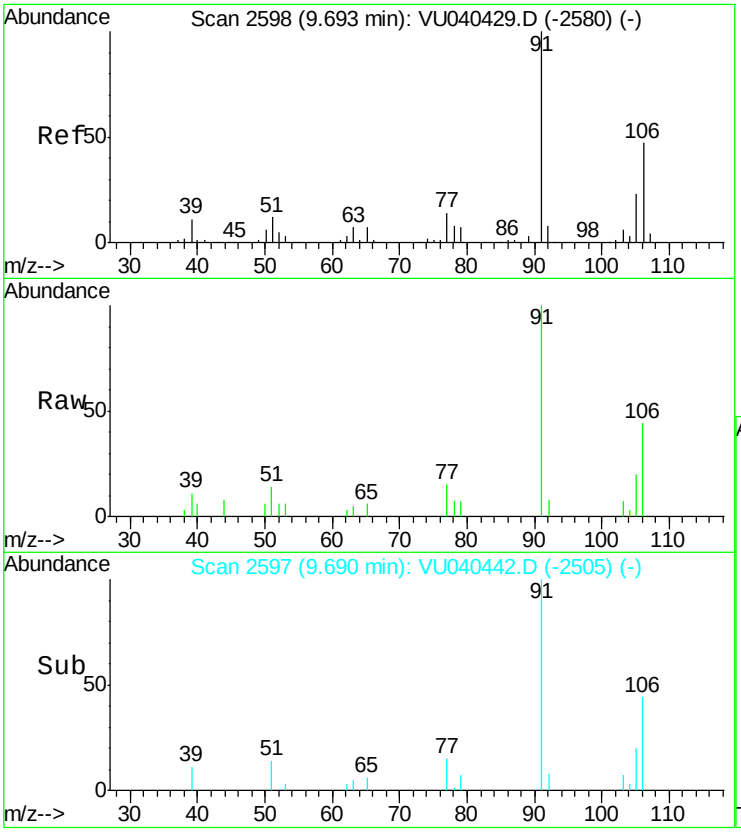


#52
Ethylbenzene
Concen: 0.050 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Tgt Ion: 91 Resp: 2761

Ion	Ratio	Lower	Upper
91	100		
106	36.0	21.1	39.3



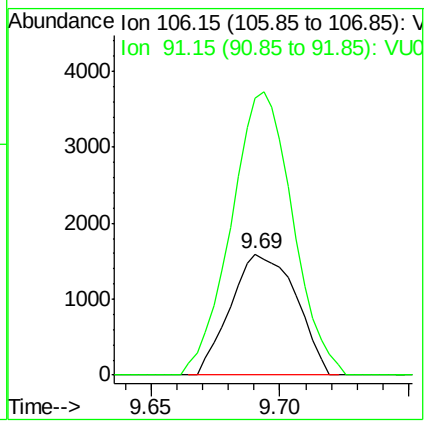


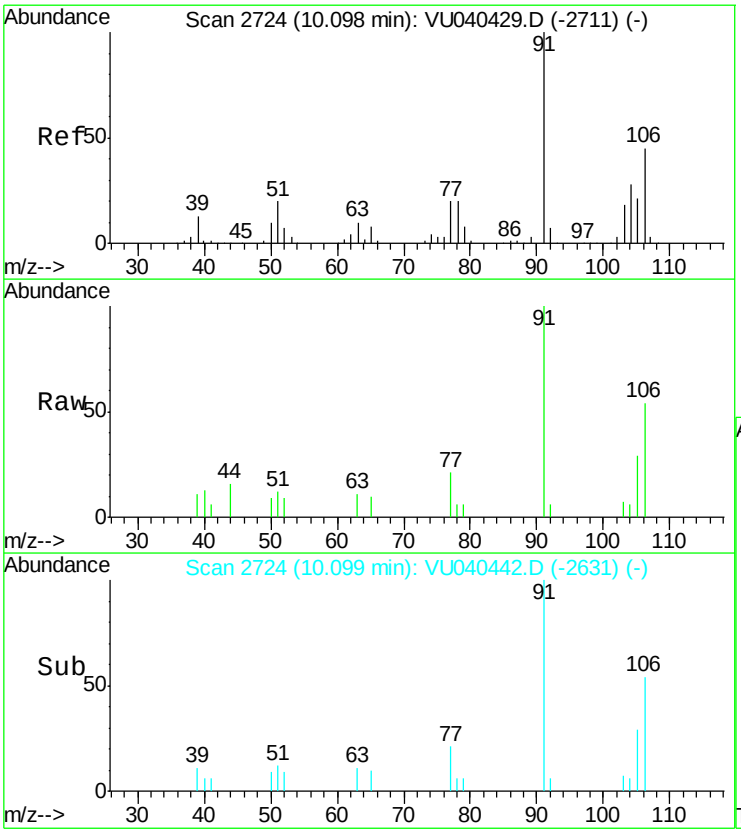
#53
m,p-Xylene
Concen: 0.137 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument : MSVOA_U
ClientSampleId : BG3T3

Tgt Ion:106 Resp: 2828

Ion	Ratio	Lower	Upper
106	100		
91	229.3	149.0	276.6

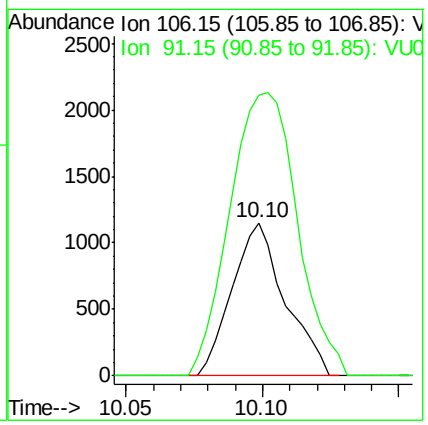


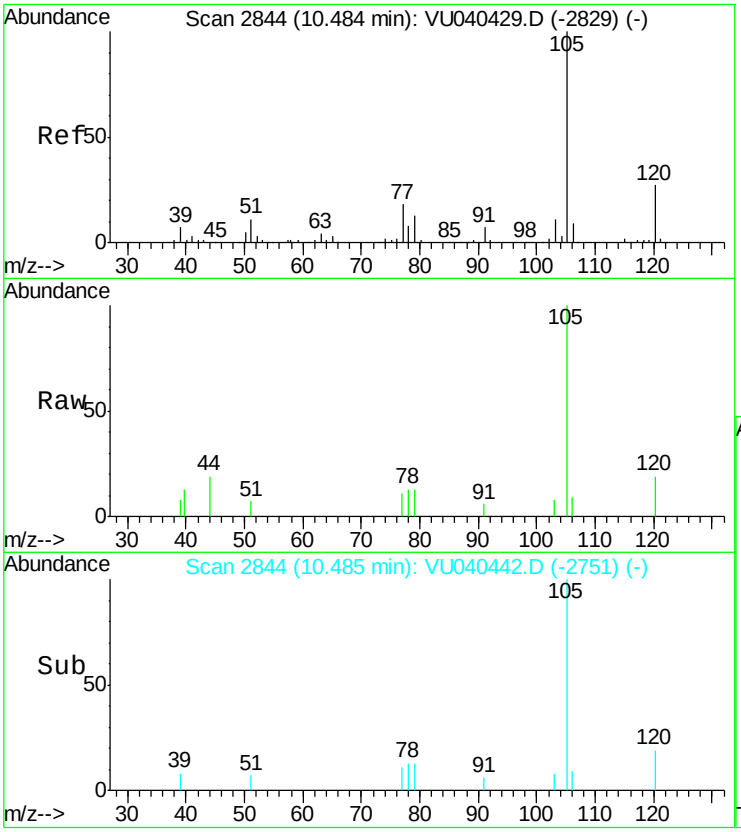


#54
o-Xylene
Concen: 0.080 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Tgt Ion:106 Resp: 1554

Ion	Ratio	Lower	Upper
106	100		
91	183.8	160.9	298.9



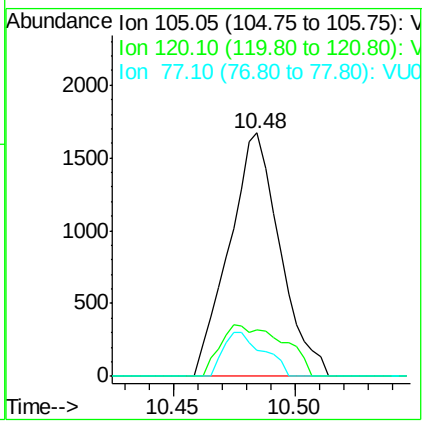


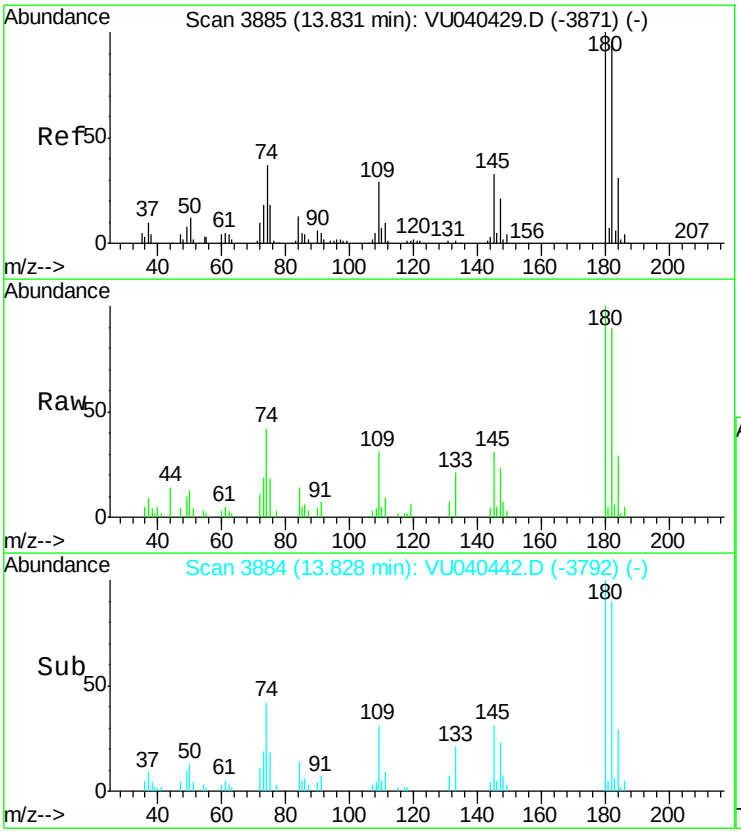
#56
Isopropylbenzene
Concen: 0.046 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument : MSVOA_U
ClientSampleId : BG3T3

Tgt Ion:105 Resp: 2413

Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.6	30.8
77	14.5	14.3	21.5

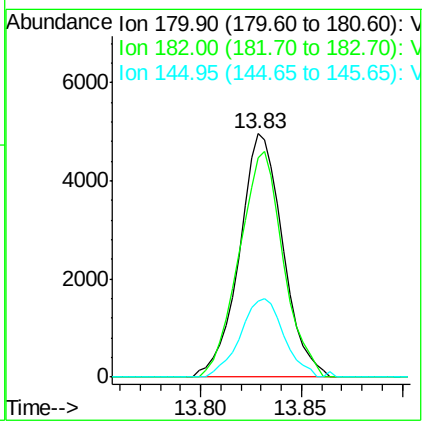


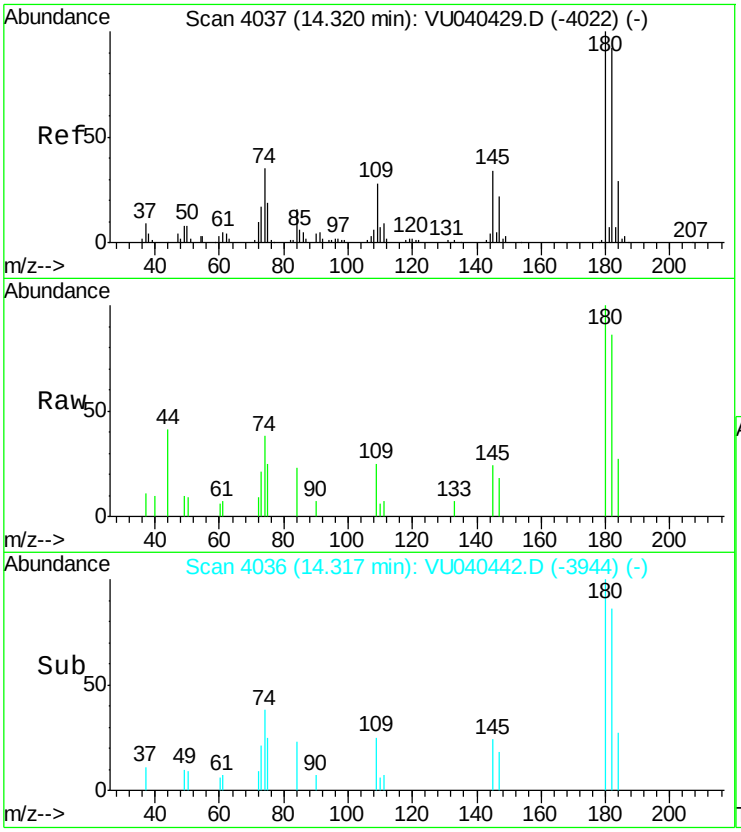


#68
1,2,4-trichlorobenzene
Concen: 0.543 ug/L
RT: 13.83 min Scan# 3884
Delta R.T. -0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Tgt Ion:180 Resp: 7476

Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.6	115.0
145	32.3	26.3	39.5





#70
1,2,3-Trichlorobenzene
Concen: 0.206 ug/L
RT: 14.32 min Scan# 4036
Delta R.T. -0.00 min
Lab File: VU040442.D
Acq: 02 Oct 2020 00:10

Instrument :
MSVOA_U
ClientSampleId :
BG3T3

Tgt Ion:180 Resp: 2591

Ion	Ratio	Lower	Upper
180	100		
182	84.8	76.6	115.0
145	26.9	27.8	41.6#