Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092320\
Data File : VU040256.D
Acq On : 23 Sep 2020 13:17
Operator : SY/MD
Sample : L4046-16DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Quant Time: Sep 29 02:11:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 24 02:21:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	172980	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	168881	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	80644	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	42609	4.51	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.20%			
7) Chloroethane-d5	1.92	69	39563	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.60%			
11) 1,1-Dichloroethene-d2	2.58	63	70945	2.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.60%#			
20) 2-Butanone-d5	4.64	46	163768	43.35	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.70%			
24) Chloroform-d	5.08	84	94165	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%			
26) 1,2-Dichloroethane-d4	5.71	65	56270	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.60%			
32) Benzene-d6	5.74	84	174723	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
36) 1,2-Dichloropropane-d6	6.70	67	56704	4.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.20%			
41) Toluene-d8	7.90	98	143378	4.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.60%			
43) trans-1,3-Dichloropropene-	8.18	79	21288	3.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.40%			
46) 2-Hexanone-d5	8.64	63	110536	39.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.18%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46623	4.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	61283	4.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.00%			
Target Compounds						Qvalue
8) Chloroethane	1.94	64	5222	0.521	ug/L	97
13) Acetone	2.66	43	4286	1.226	ug/L	100
16) Methylene chloride	3.05	84	4506	0.257	ug/L	79
30) Cyclohexane	5.40	56	7428	0.289	ug/L	97
33) Benzene	5.79	78	541506	8.963	ug/L	100
35) Methylcyclohexane	6.77	83	5673	0.229	ug/L	95
42) Toluene	7.97	91	42970	0.691	ug/L	98
51) Chlorobenzene	9.45	112	366166	9.479	ug/L	96
52) Ethylbenzene	9.57	91	5778	0.082	ug/L #	83
53) m,p-Xylene	9.69	106	10444	0.415	ug/L	96
54) o-Xylene	10.10	106	4982	0.208	ug/L	99
56) Isopropylbenzene	10.48	105	35516	0.543	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	1976	0.067	ug/L	90
63) 1,4-Dichlorobenzene	11.83	146	27865	0.934	ug/L	93
65) 1,2-Dichlorobenzene	12.21	146	6182	0.217	ug/L	88

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092320\
Data File : VU040256.D
Acq On : 23 Sep 2020 13:17
Operator : SY/MD
Sample : L4046-16DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Quant Time: Sep 29 02:11:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 24 02:21:14 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\VU092320\
Data File : VU040256.D
Acq On : 23 Sep 2020 13:17
Operator : SY/MD
Sample : L4046-16DL 5X
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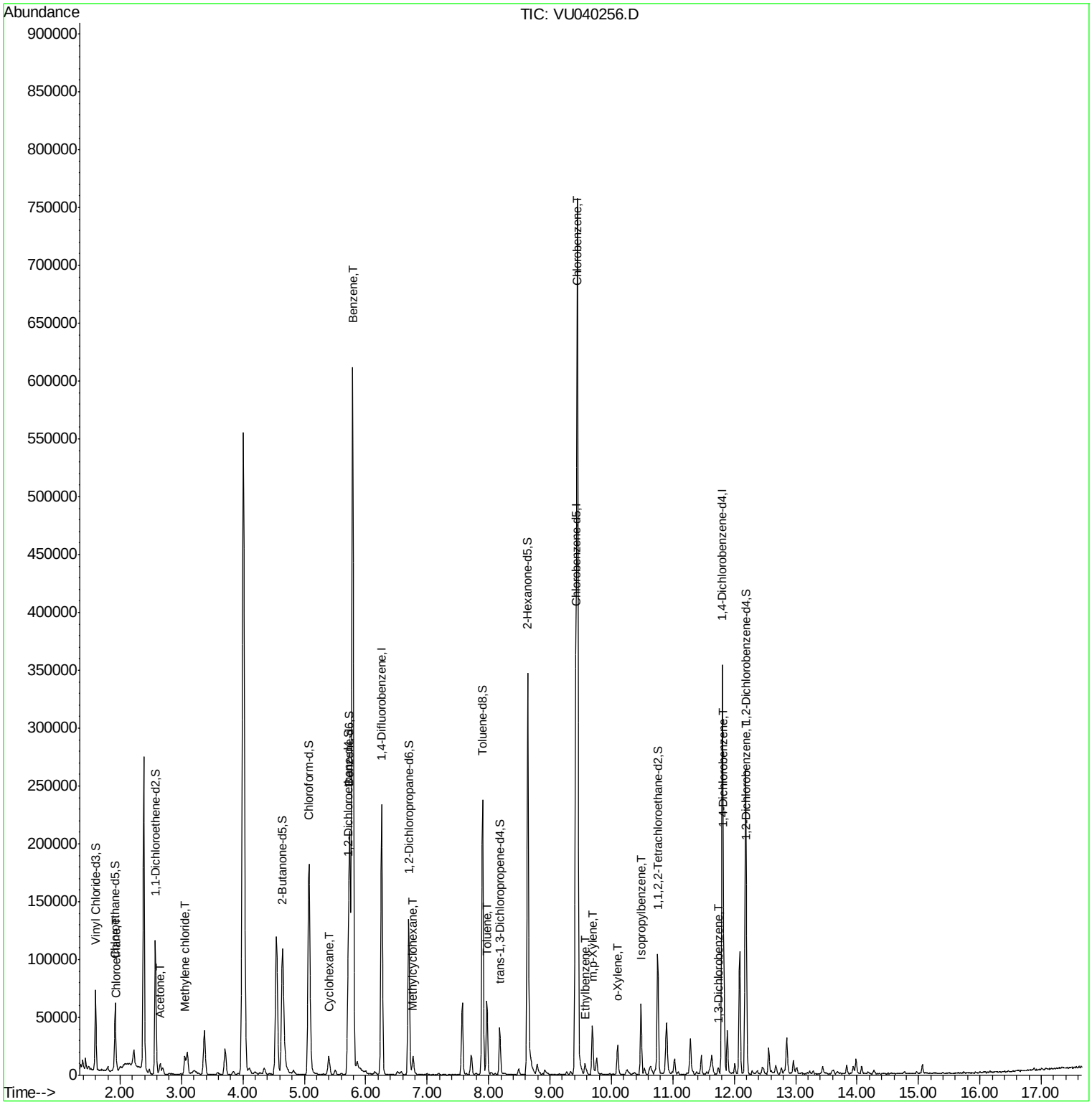
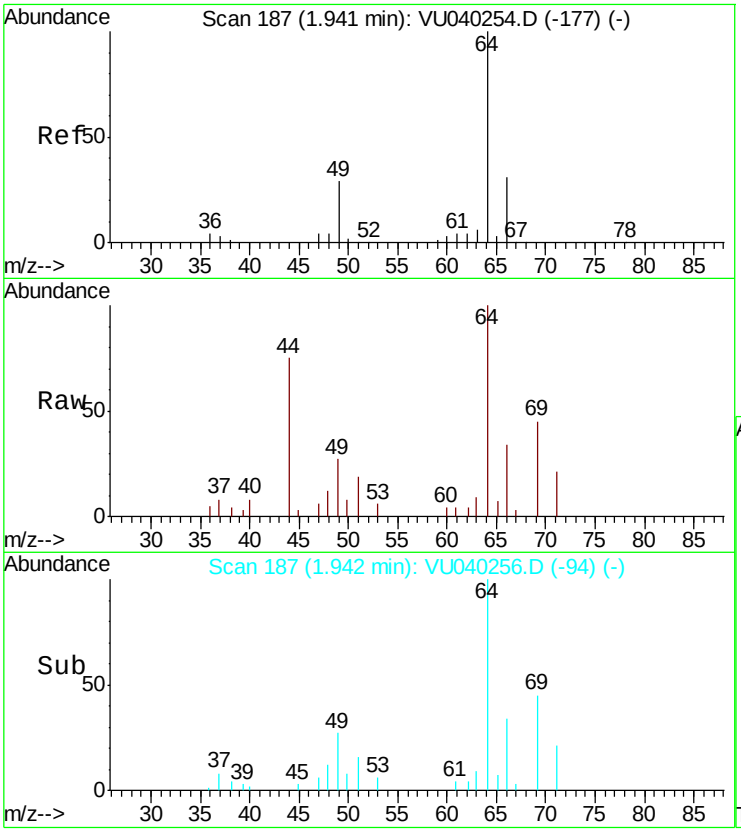
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 24 02:21:14 2020
Response via : Initial Calibration



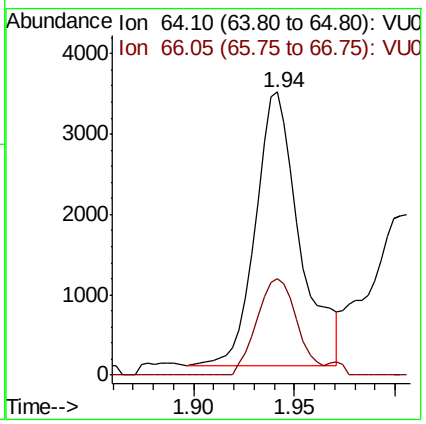


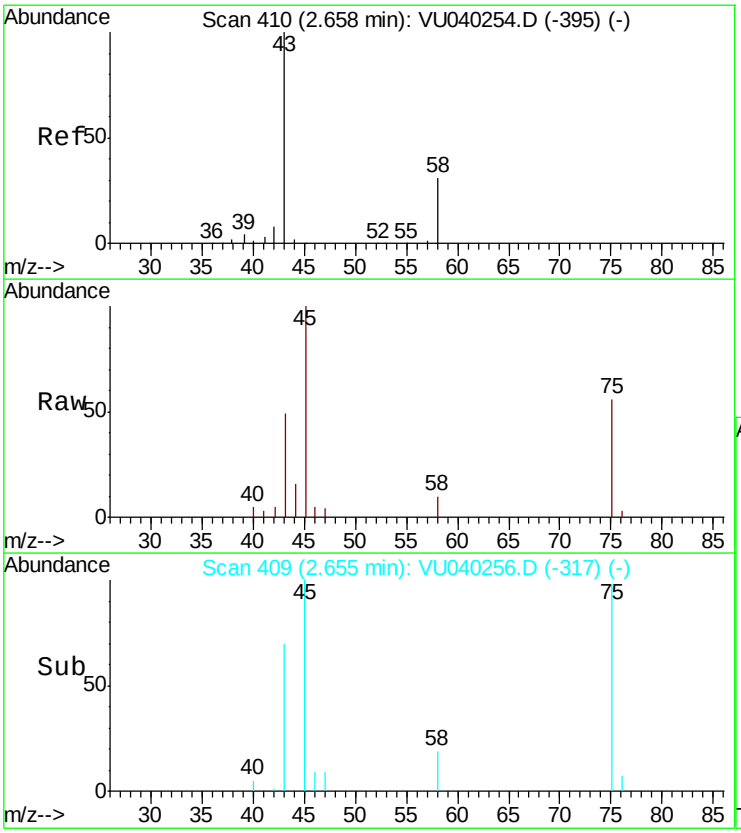
#8
Chloroethane
Concen: 0.521 ug/L
RT: 1.94 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU040256.D
Acq: 23 Sep 2020 13:17

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Tgt Ion: 64 Resp: 5222

Ion	Ratio	Lower	Upper
64	100		
66	34.3	22.7	42.1

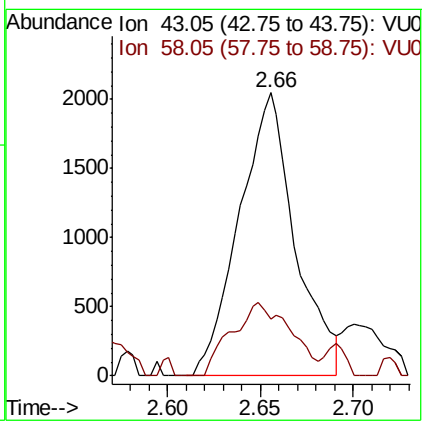


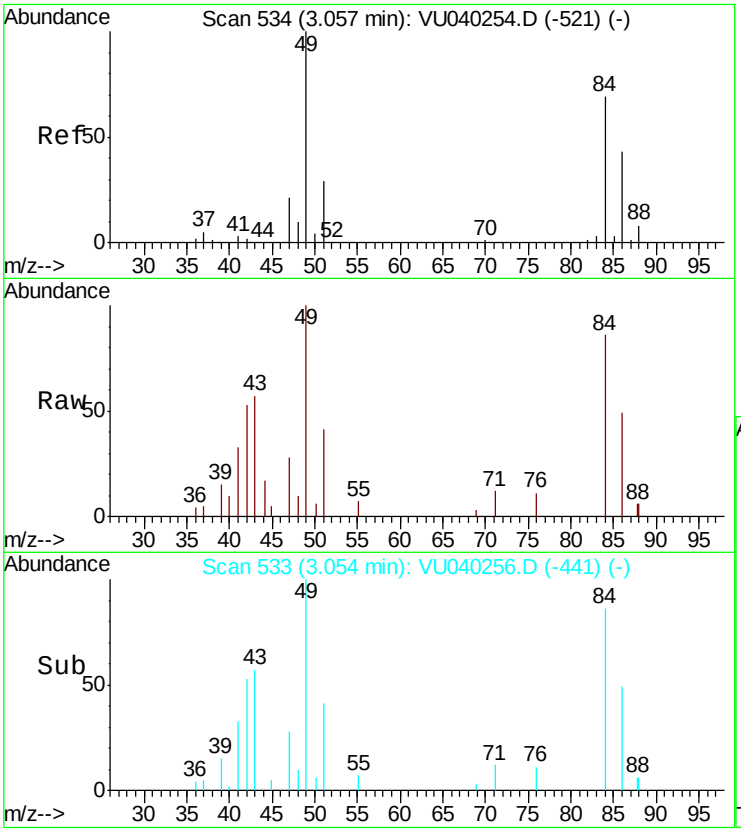


#13
Acetone
Concen: 1.226 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.00 min
Lab File: VU040256.D
Acq: 23 Sep 2020 13:17

Tgt Ion: 43 Resp: 4286

Ion	Ratio	Lower	Upper
43	100		
58	27.5	0.0	55.4



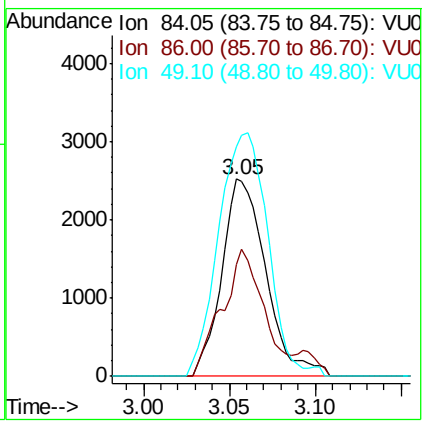


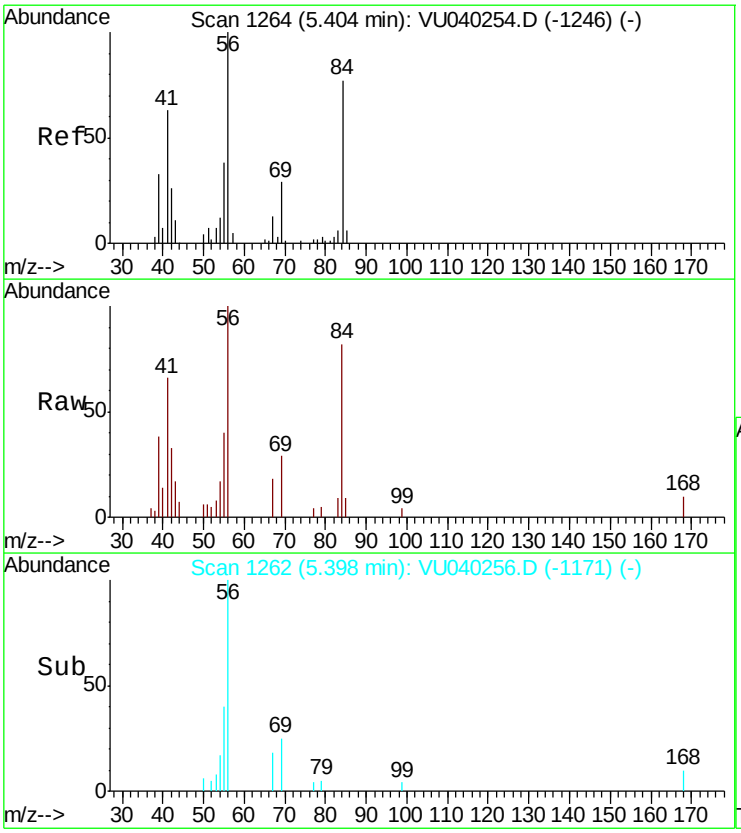
#16
Methylene chloride
Concen: 0.257 ug/L
RT: 3.05 min Scan# 533
Delta R.T. -0.00 min
Lab File: VU040256.D
Acq: 23 Sep 2020 13:17

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Tgt Ion: 84 Resp: 4506

Ion	Ratio	Lower	Upper
84	100		
86	56.9	45.2	84.0
49	116.3	104.0	193.2

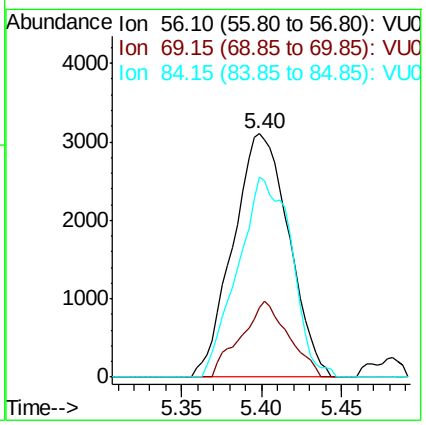


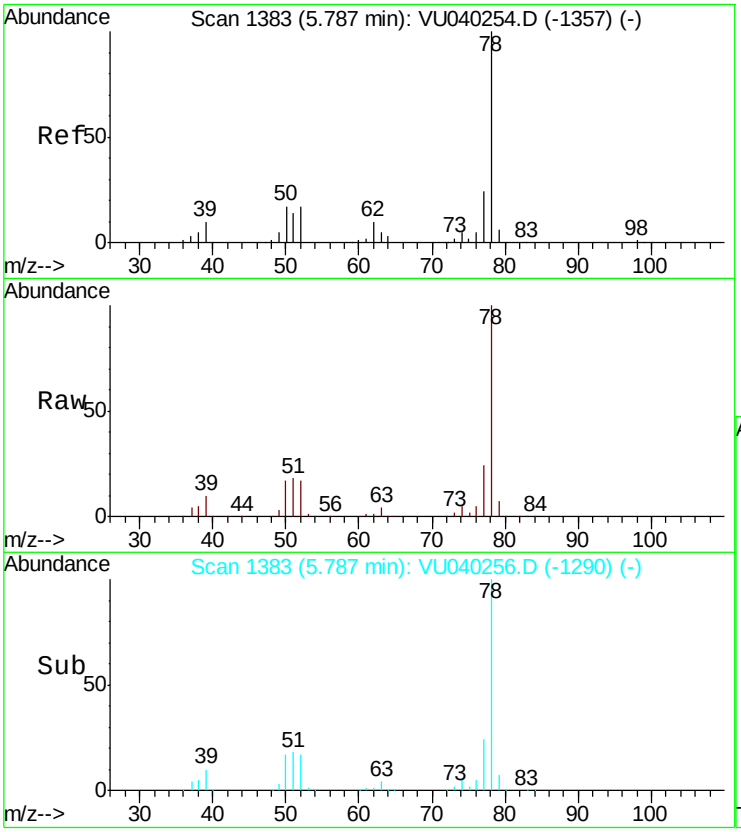


#30
Cyclohexane
Concen: 0.289 ug/L
RT: 5.40 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VU040256.D
Acq: 23 Sep 2020 13:17

Tgt Ion: 56 Resp: 7428

Ion	Ratio	Lower	Upper
56	100		
69	26.8	24.1	36.1
84	79.3	65.0	97.4

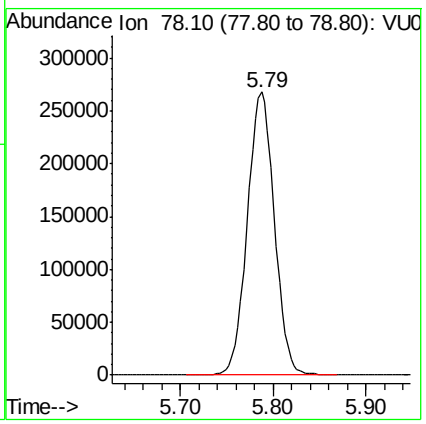


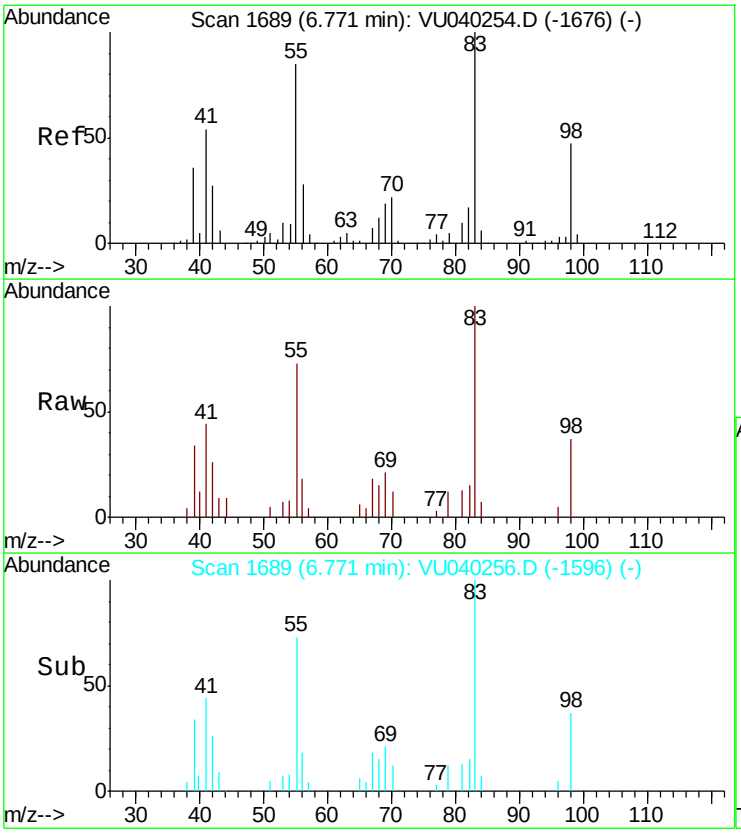


#33
Benzene
Concen: 8.963 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU040256.D
Acq: 23 Sep 2020 13:17

Instrument :
MSVOA_U
ClientSampleId :
BG0Q2DL

Tgt Ion: 78 Resp: 541506

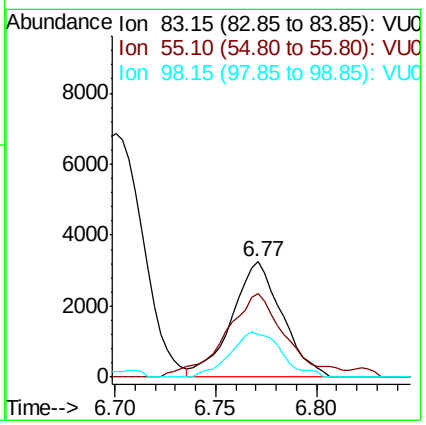


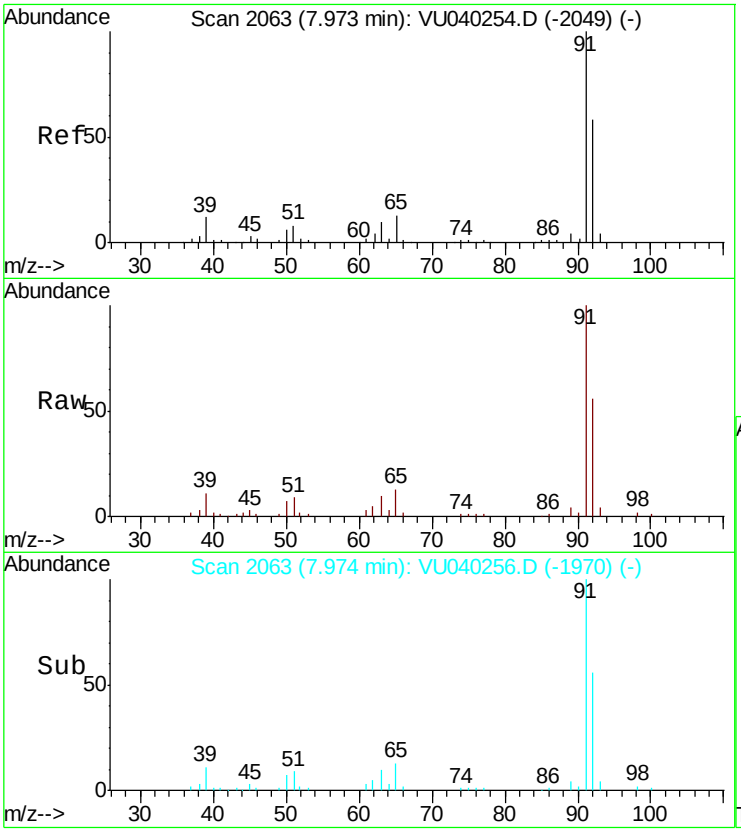


#35
Methylcyclohexane
Concen: 0.229 ug/L
RT: 6.77 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VU040256.D
Acq: 23 Sep 2020 13:17

Tgt Ion: 83 Resp: 5673

Ion	Ratio	Lower	Upper
83	100		
55	86.9	70.5	105.7
98	39.9	37.8	56.6



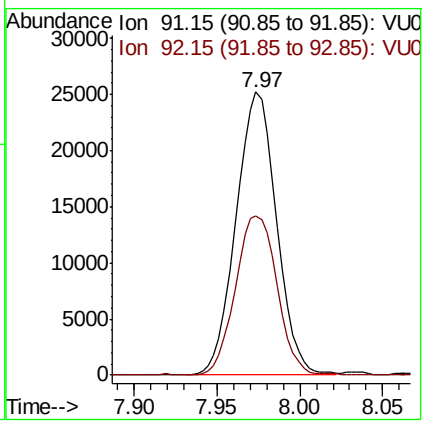


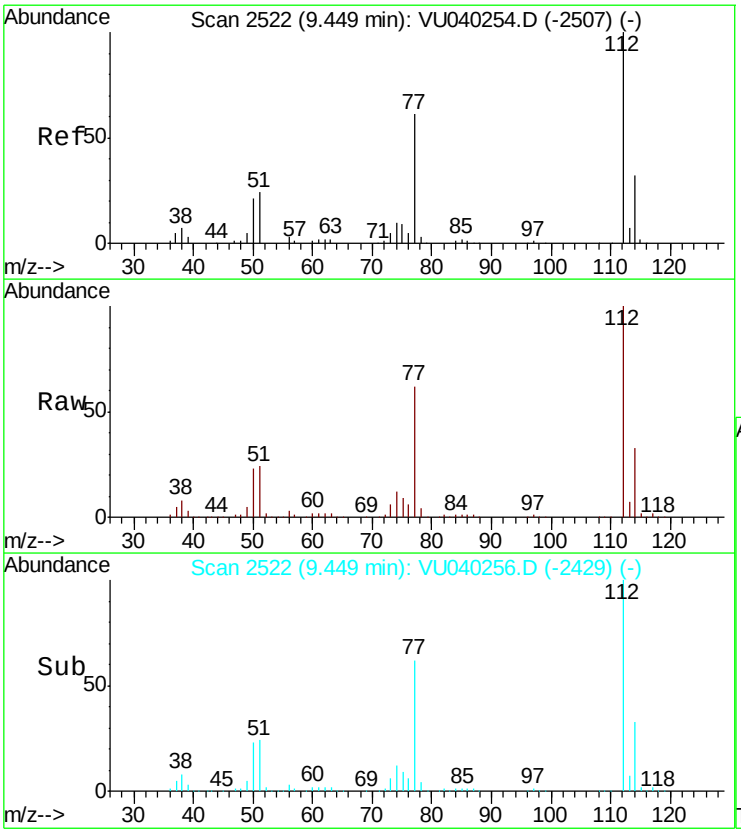
#42
Toluene
Concen: 0.691 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. 0.00 min
Lab File: VU040256.D
Acq: 23 Sep 2020 13:17

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Tgt Ion: 91 Resp: 42970

Ion	Ratio	Lower	Upper
91	100		
92	56.3	40.7	75.5

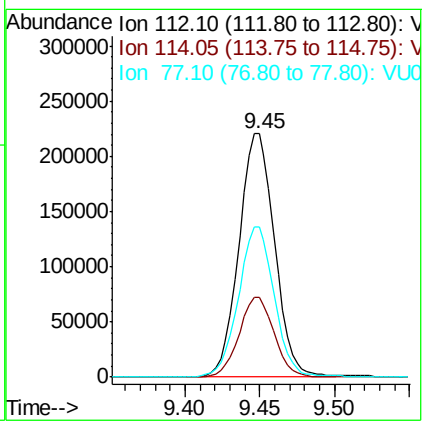


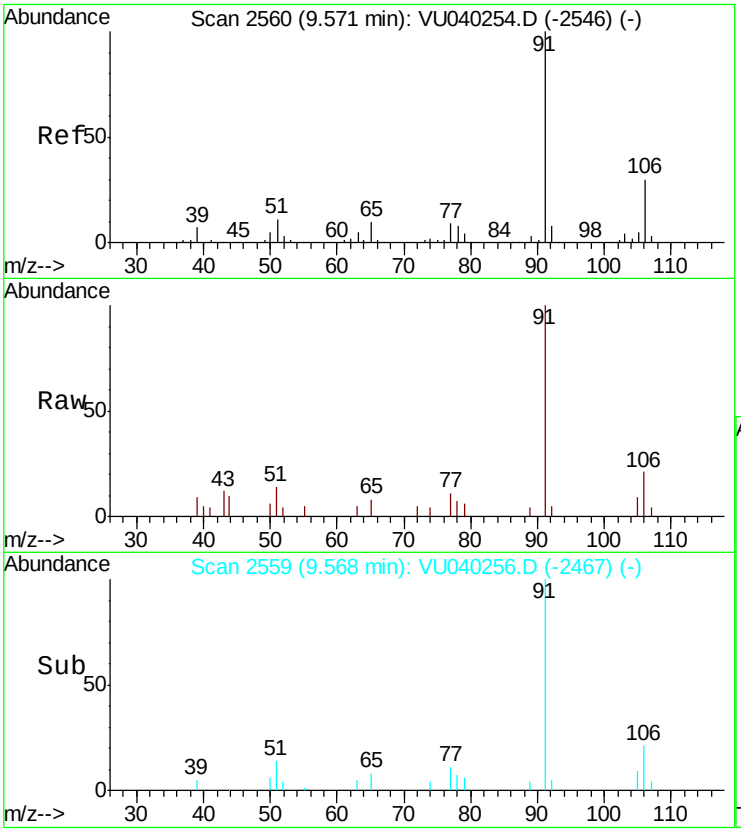


#51
Chlorobenzene
Concen: 9.479 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040256.D
Acq: 23 Sep 2020 13:17

Tgt Ion:112 Resp: 366166

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.7	42.3
77	61.8	53.2	79.8



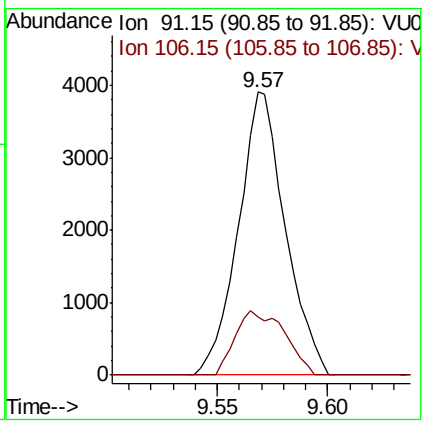


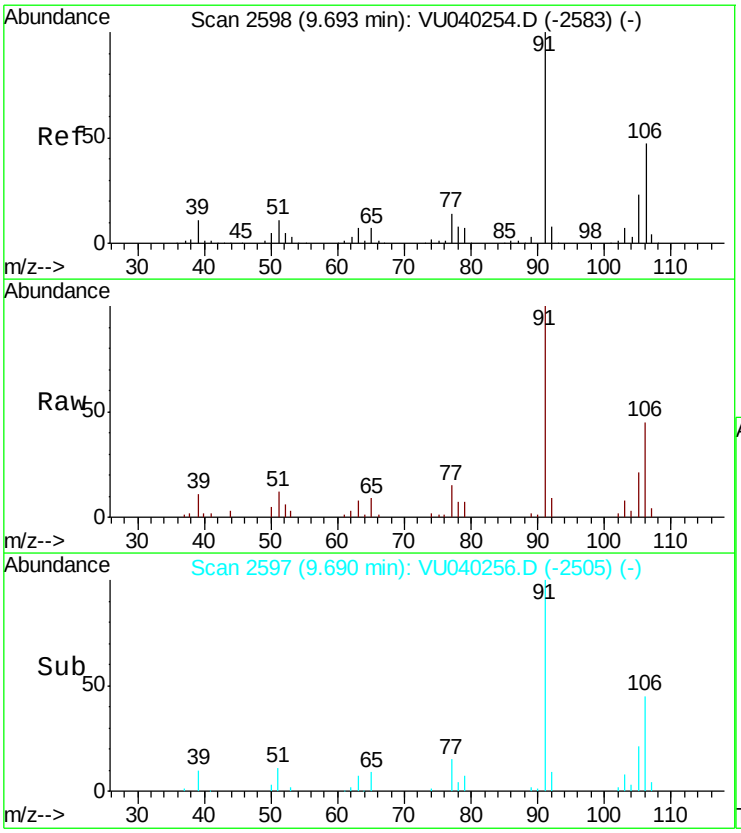
#52
Ethylbenzene
Concen: 0.082 ug/L
RT: 9.57 min Scan# 2559
Delta R.T. -0.00 min
Lab File: VU040256.D
Acq: 23 Sep 2020 13:17

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Tgt Ion: 91 Resp: 5778

Ion	Ratio	Lower	Upper
91	100		
106	20.6	21.0	39.0#

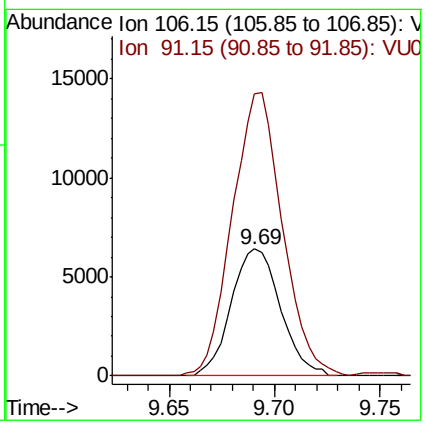


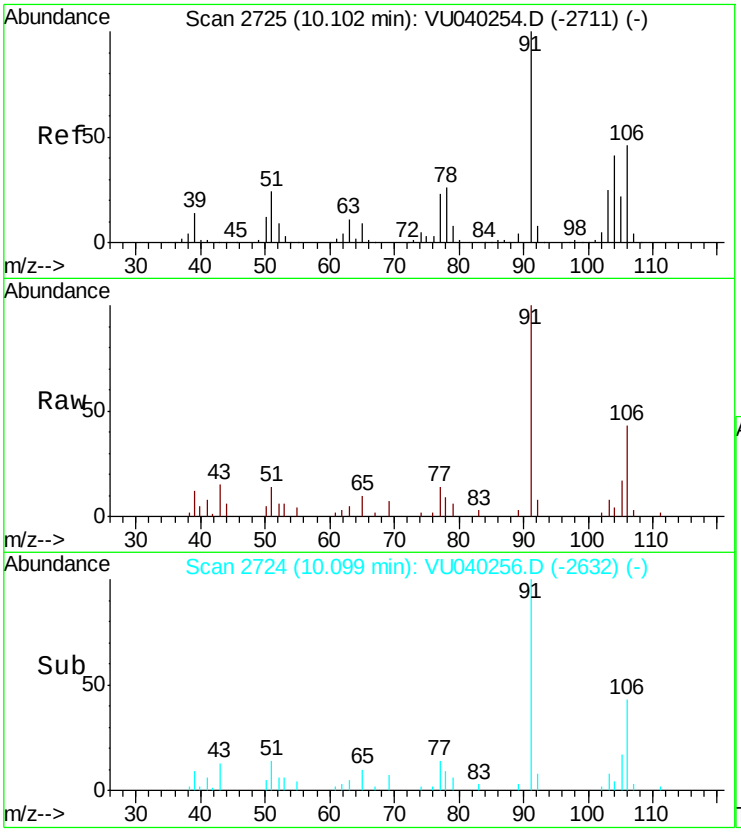


#53
m,p-Xylene
Concen: 0.415 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040256.D
Acq: 23 Sep 2020 13:17

Tgt Ion:106 Resp: 10444

Ion	Ratio	Lower	Upper
106	100		
91	222.3	151.7	281.7



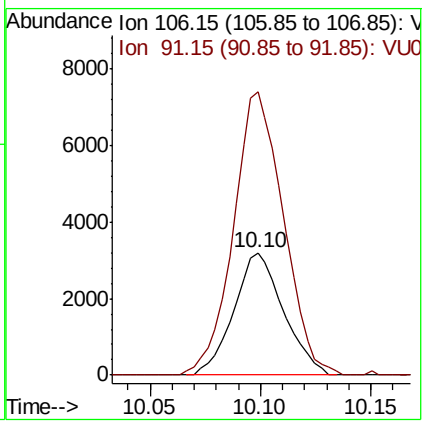


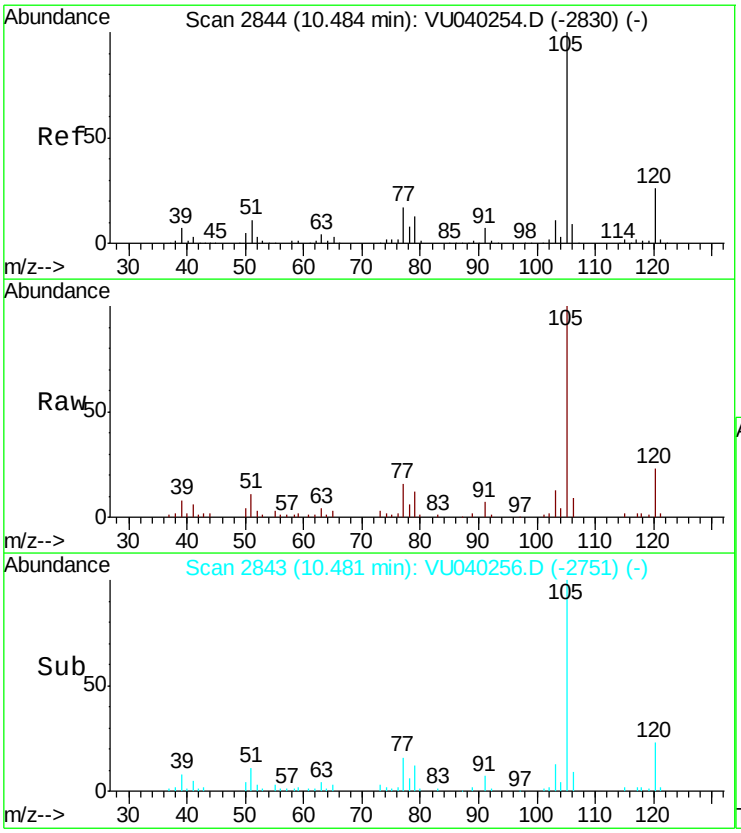
#54
o-Xylene
Concen: 0.208 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040256.D
Acq: 23 Sep 2020 13:17

Instrument :
MSVOA_U
ClientSampleId :
BG0Q2DL

Tgt Ion:106 Resp: 4982

Ion	Ratio	Lower	Upper
106	100		
91	231.1	160.8	298.6

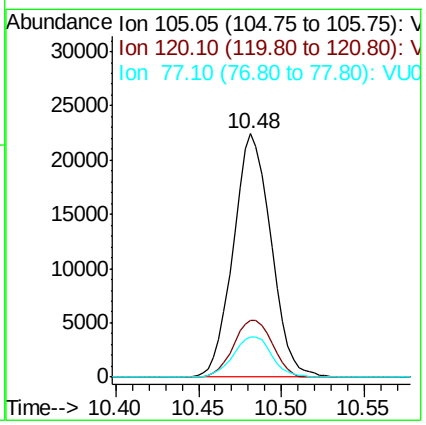


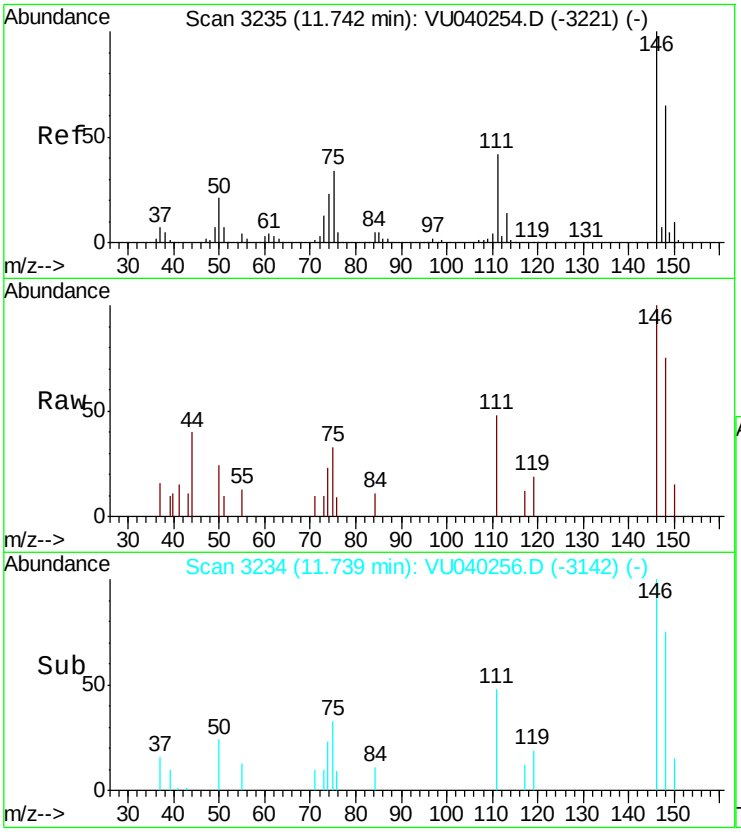


#56
Isopropylbenzene
Concen: 0.543 ug/L
RT: 10.48 min Scan# 2843
Delta R.T. -0.00 min
Lab File: VU040256.D
Acq: 23 Sep 2020 13:17

Tgt Ion:105 Resp: 35516

Ion	Ratio	Lower	Upper
105	100		
120	23.8	20.1	30.1
77	16.8	14.4	21.6



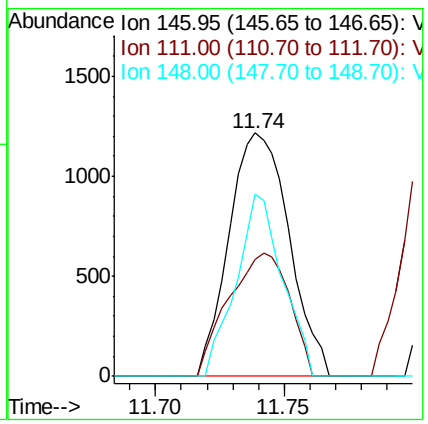


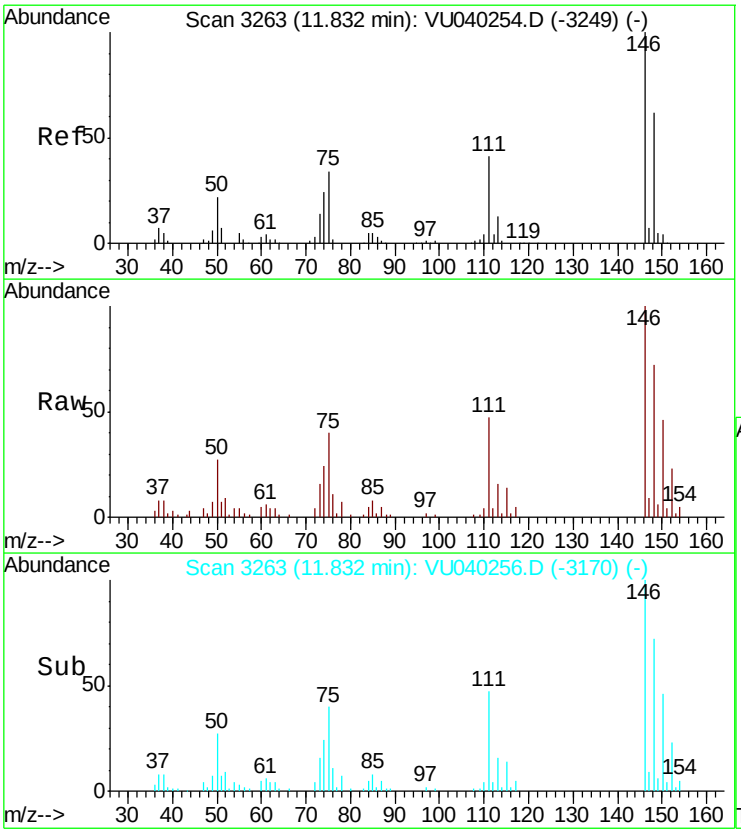
#62
1,3-Dichlorobenzene
Concen: 0.067 ug/L
RT: 11.74 min Scan# 3234
Delta R.T. -0.00 min
Lab File: VU040256.D
Acq: 23 Sep 2020 13:17

Instrument : MSVOA_U
ClientSampleId : BG0Q2DL

Tgt Ion:146 Resp: 1976

Ion	Ratio	Lower	Upper
146	100		
111	48.1	31.6	58.8
148	74.6	44.2	82.0

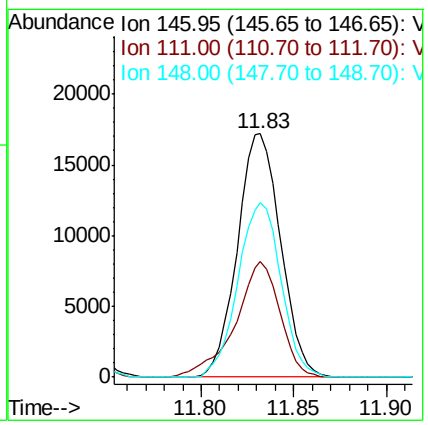


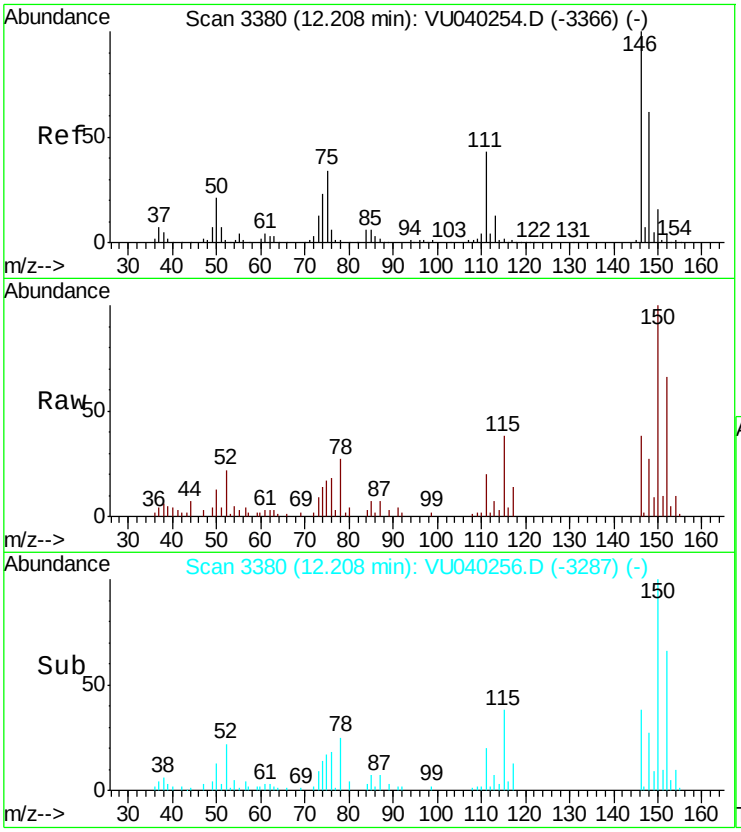


#63
1,4-Dichlorobenzene
Concen: 0.934 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.00 min
Lab File: VU040256.D
Acq: 23 Sep 2020 13:17

Tgt Ion:146 Resp: 27865

Ion	Ratio	Lower	Upper
146	100		
111	47.5	30.5	56.7
148	71.6	45.4	84.4





#65
1,2-Dichlorobenzene
Concen: 0.217 ug/L
RT: 12.21 min Scan# 3380
Delta R.T. 0.00 min
Lab File: VU040256.D
Acq: 23 Sep 2020 13:17

Instrument :
MSVOA_U
ClientSampleId :
BG0Q2DL

Tgt Ion:146 Resp: 6182

Ion	Ratio	Lower	Upper
146	100		
111	52.2	36.5	54.7
148	70.5	48.6	72.8