Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092120\
Data File : VU040235.D
Acq On : 21 Sep 2020 15:49
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0P0

Quant Time: Sep 22 15:50:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	175394	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	171254	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	86622	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	29723	3.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.00%			
7) Chloroethane-d5	1.92	69	29520	3.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.00%			
11) 1,1-Dichloroethene-d2	2.58	63	53479	2.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 43.60%#			
20) 2-Butanone-d5	4.66	46	139817	36.50	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 73.00%			
24) Chloroform-d	5.08	84	79225	3.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 70.80%			
26) 1,2-Dichloroethane-d4	5.72	65	50566	3.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.20%			
32) Benzene-d6	5.74	84	141917	3.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 71.00%			
36) 1,2-Dichloropropane-d6	6.70	67	49268	3.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 74.80%			
41) Toluene-d8	7.90	98	121093	3.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.00%#			
43) trans-1,3-Dichloropropene-	8.18	79	20957	3.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 69.20%			
46) 2-Hexanone-d5	8.64	63	130466	45.50	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.00%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48616	4.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	56216	4.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 80.20%			
Target Compounds						Qvalue
8) Chloroethane	1.94	64	9194	0.906	ug/L	93
18) trans-1,2-Dichloroethene	3.36	96	1781	0.122	ug/L	72
30) Cyclohexane	5.40	56	39354	1.509	ug/L	99
33) Benzene	5.79	78	63766	1.041	ug/L	100
35) Methylcyclohexane	6.77	83	21492	0.854	ug/L #	84
42) Toluene	7.97	91	10845	0.172	ug/L	92
51) Chlorobenzene	9.45	112	1817777	46.405	ug/L	97
54) o-Xylene	10.10	106	6531	0.269	ug/L	86
56) Isopropylbenzene	10.48	105	2009982	30.302	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	9925	0.313	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	100796	3.146	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	74168	2.421	ug/L	95

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

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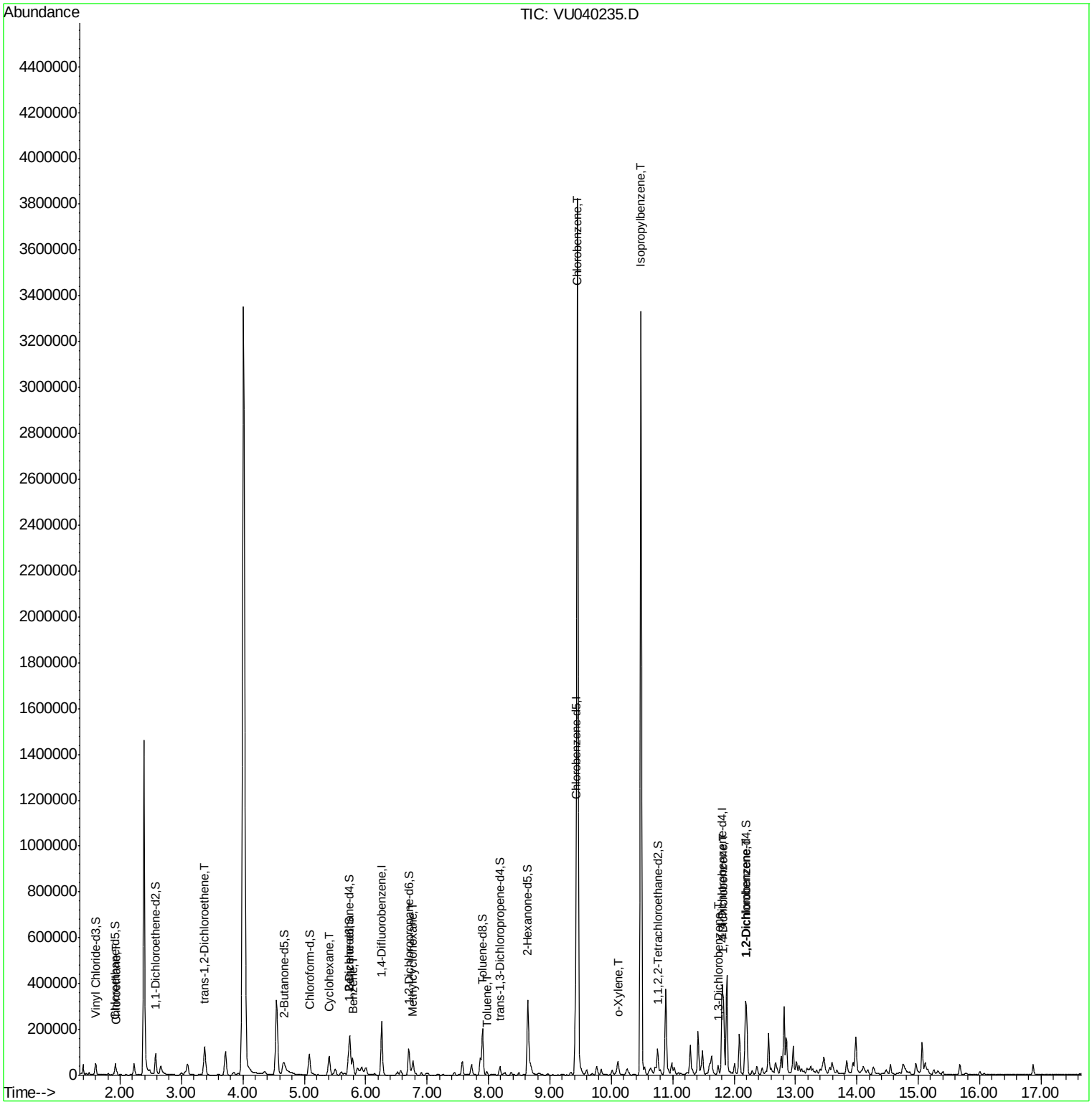
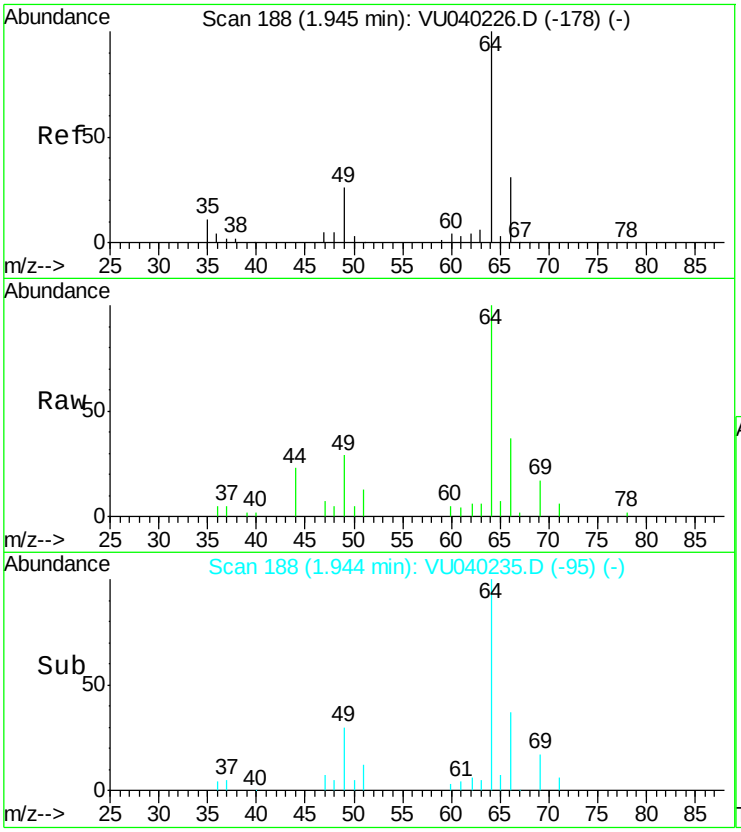
Operator : SY/MD
Sample : L4046-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

Quant Time: Sep 22 15:50:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration



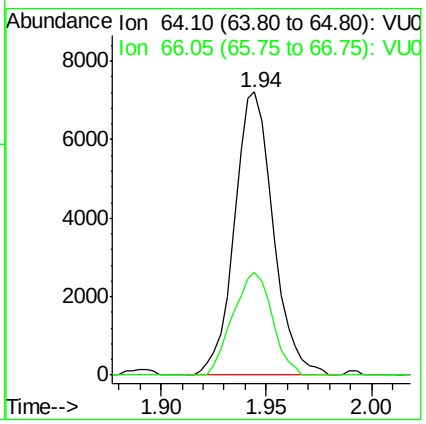


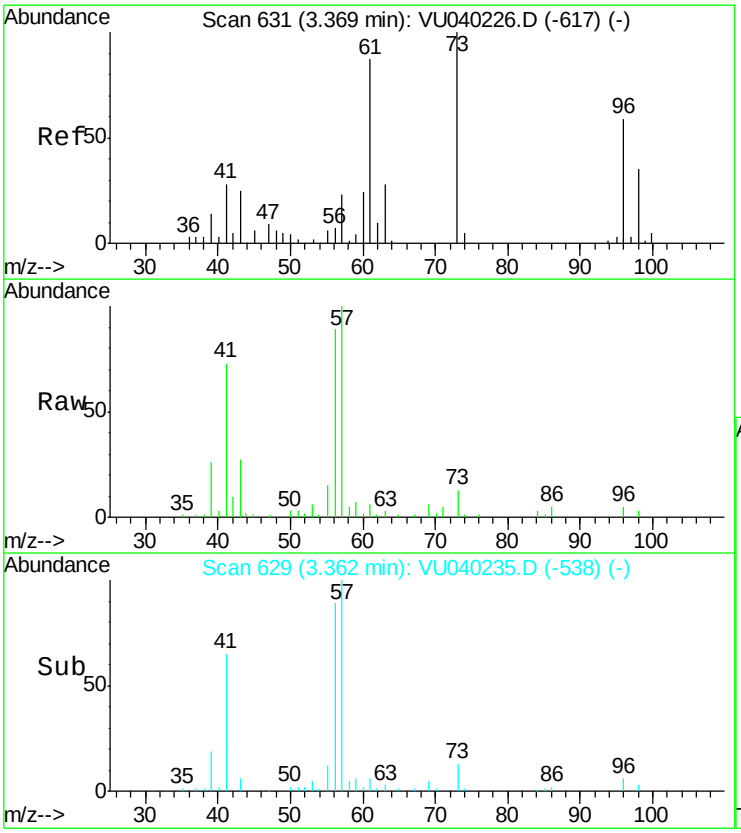
#8
Chloroethane
Concen: 0.906 ug/L
RT: 1.94 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU040235.D
Acq: 21 Sep 2020 15:49

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

Tgt Ion: 64 Resp: 9194

Ion	Ratio	Lower	Upper
64	100		
66	36.5	22.7	42.1

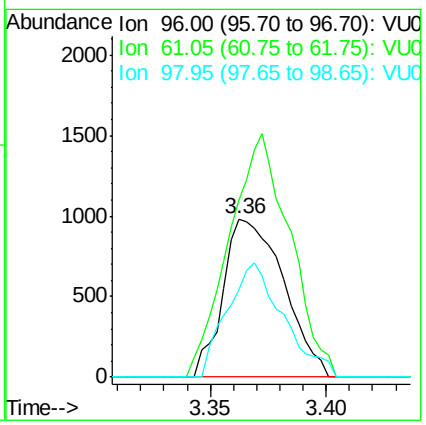


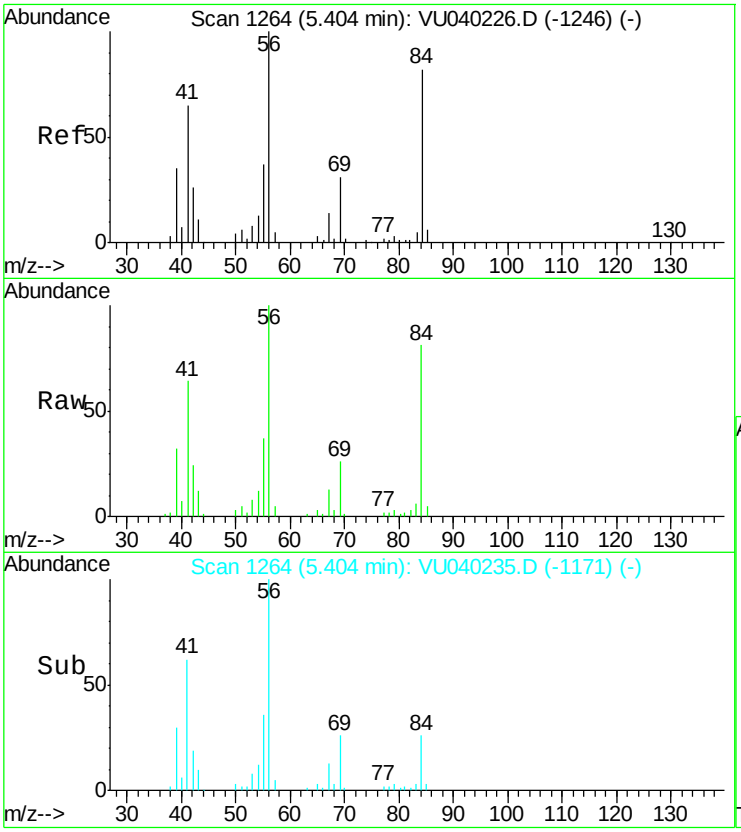


#18
trans-1,2-Dichloroethene
Concen: 0.122 ug/L
RT: 3.36 min Scan# 629
Delta R.T. -0.01 min
Lab File: VU040235.D
Acq: 21 Sep 2020 15:49

Tgt Ion: 96 Resp: 1781

Ion	Ratio	Lower	Upper
96	100		
61	112.0	110.5	205.3
98	55.0	43.2	80.2



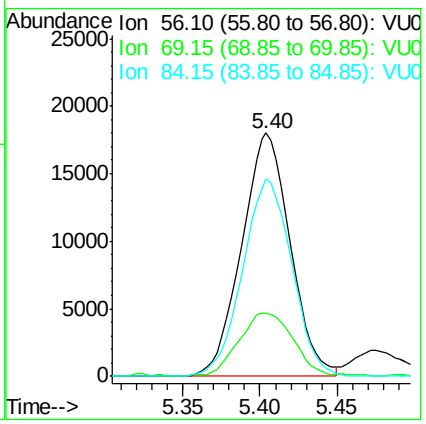


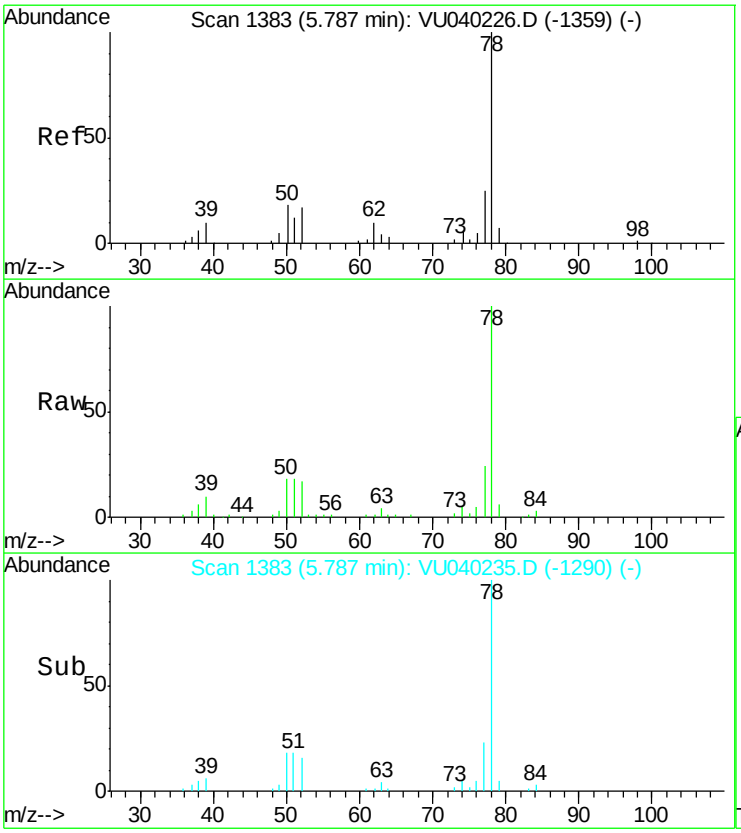
#30
Cyclohexane
Concen: 1.509 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU040235.D
Acq: 21 Sep 2020 15:49

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

Tgt Ion: 56 Resp: 39354

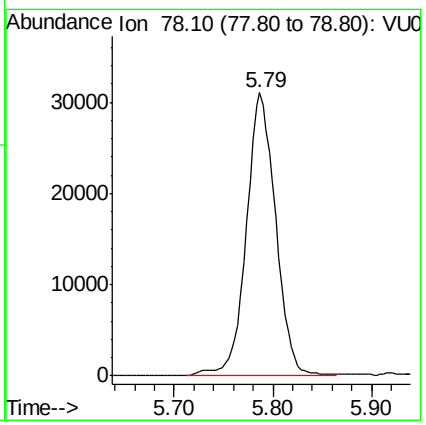
Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.1	36.1
84	82.2	65.0	97.4

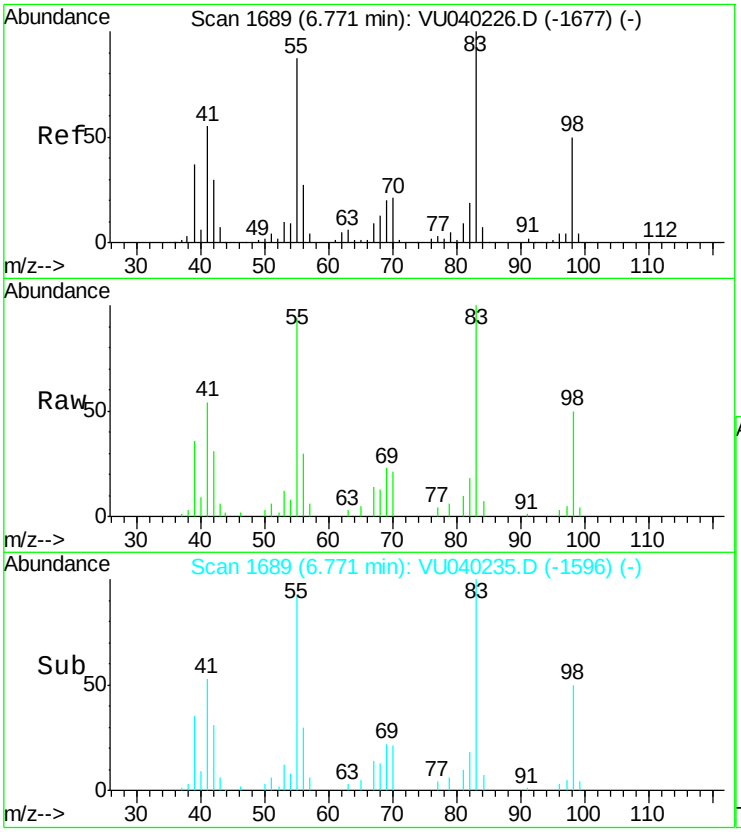




#33
Benzene
Concen: 1.041 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU040235.D
Acq: 21 Sep 2020 15:49

Tgt Ion: 78 Resp: 63766



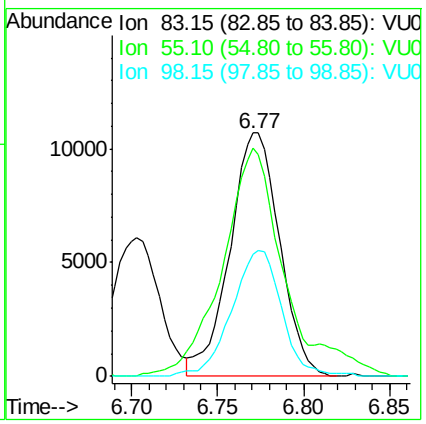


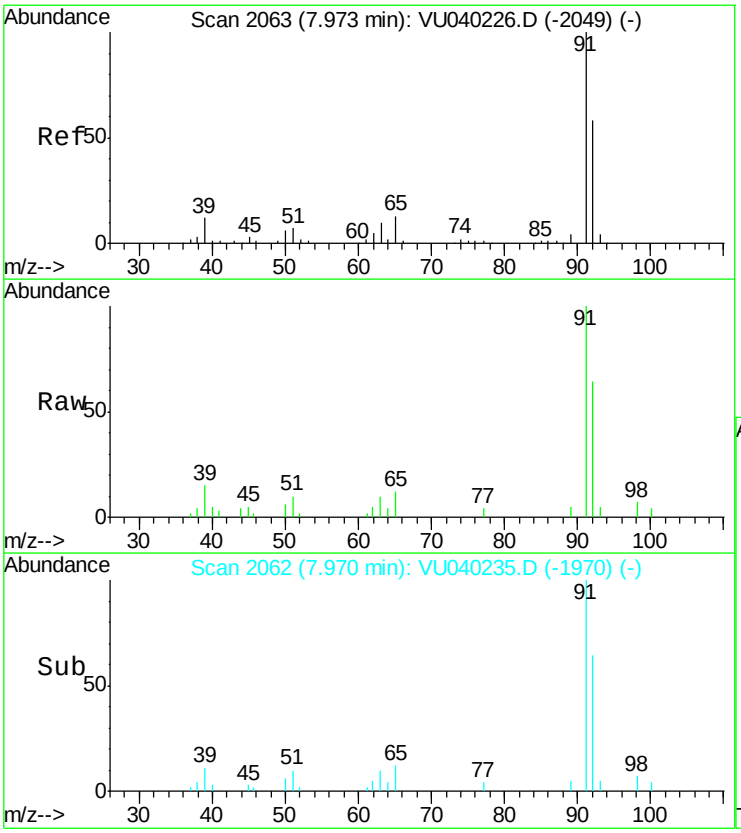
#35
Methylcyclohexane
Concen: 0.854 ug/L
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040235.D
Acq: 21 Sep 2020 15:49

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

Tgt Ion: 83 Resp: 21492

Ion	Ratio	Lower	Upper
83	100		
55	107.2	70.5	105.7#
98	51.6	37.8	56.6

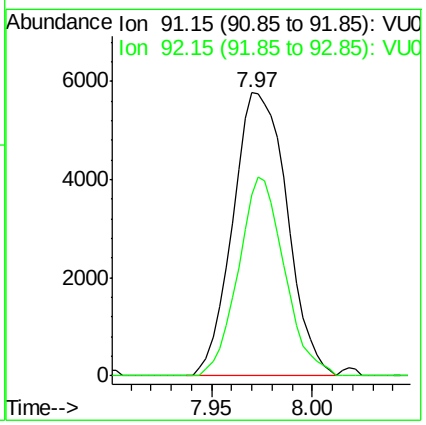


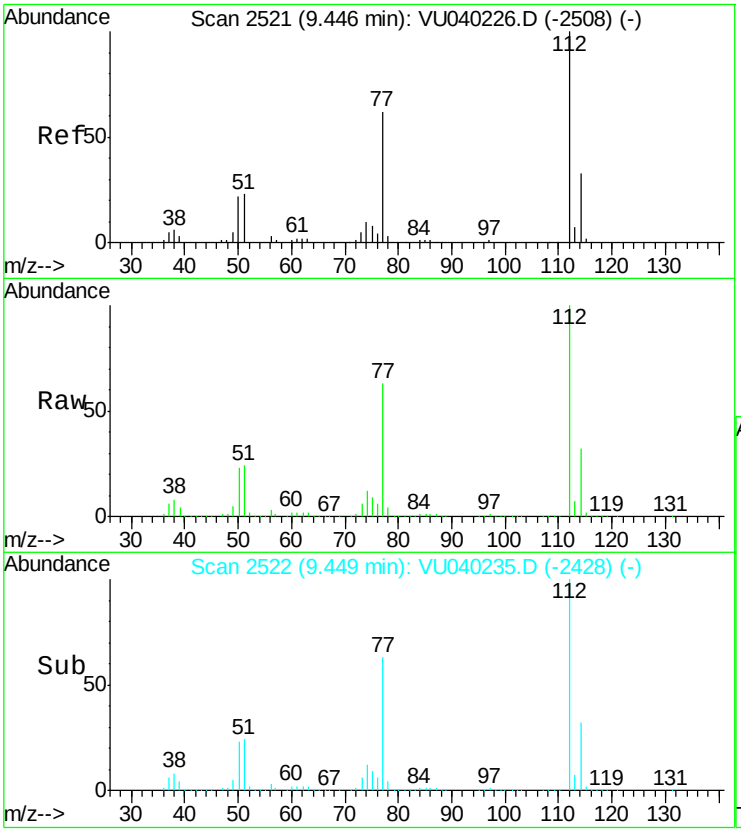


#42
Toluene
Concen: 0.172 ug/L
RT: 7.97 min Scan# 2062
Delta R.T. -0.00 min
Lab File: VU040235.D
Acq: 21 Sep 2020 15:49

Tgt Ion: 91 Resp: 10845

Ion	Ratio	Lower	Upper
91	100		
92	64.1	40.7	75.5



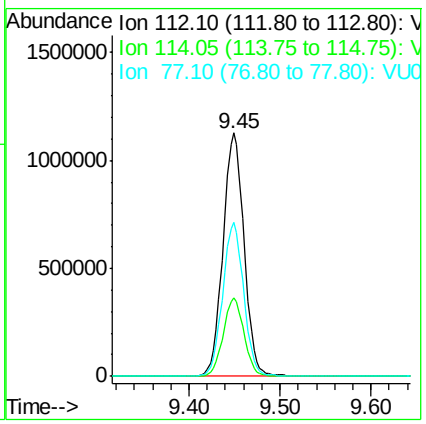


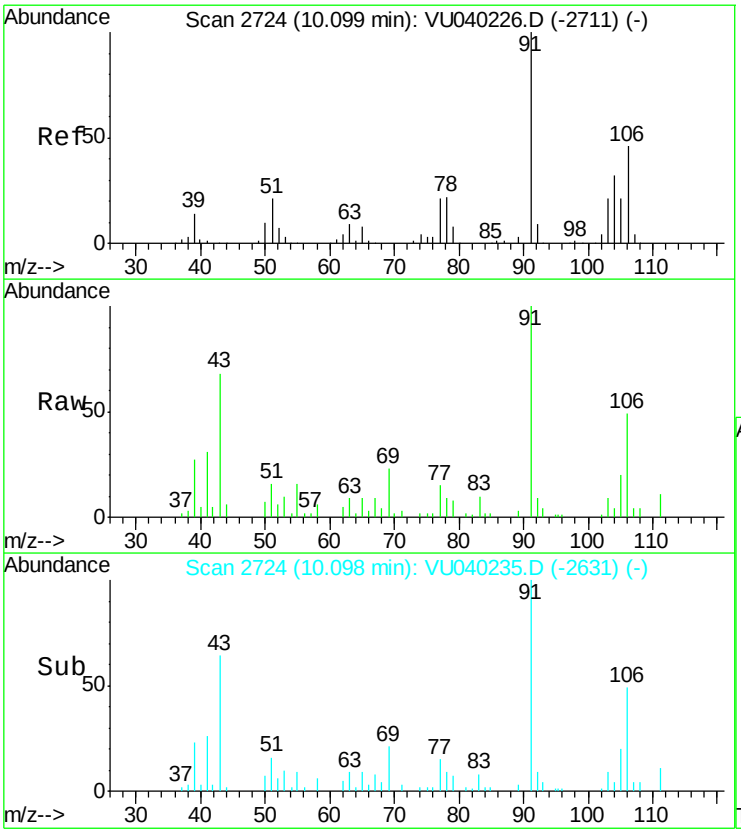
#51
Chlorobenzene
Concen: 46.405 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040235.D
Acq: 21 Sep 2020 15:49

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

Tgt Ion:112 Resp: 1817777

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.7	42.3
77	63.0	53.2	79.8

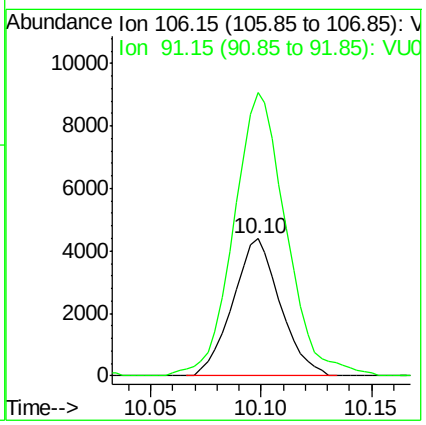


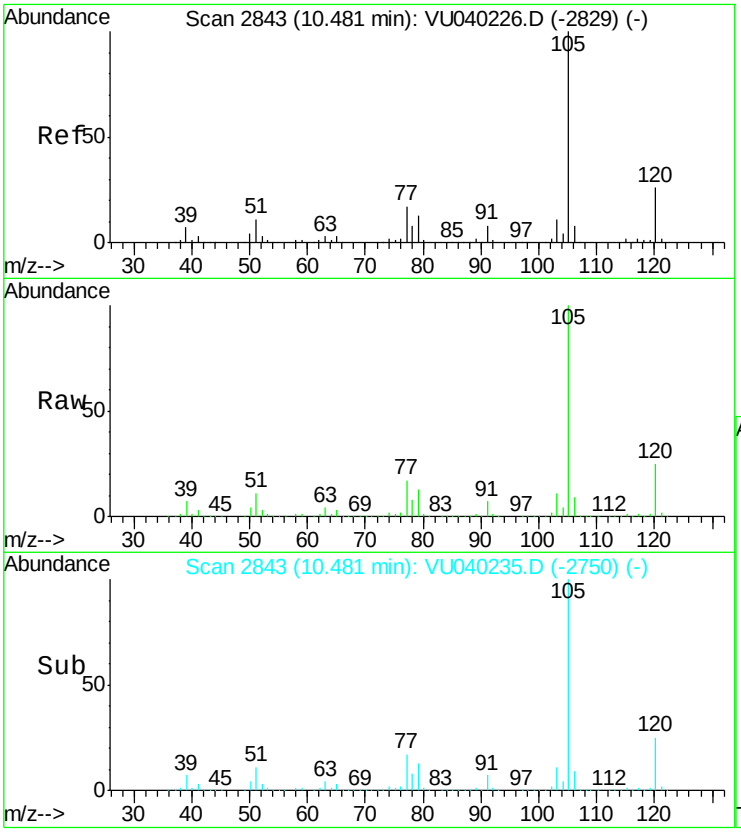


#54
o-Xylene
Concen: 0.269 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040235.D
Acq: 21 Sep 2020 15:49

Tgt Ion:106 Resp: 6531

Ion	Ratio	Lower	Upper
106	100		
91	206.0	160.8	298.6



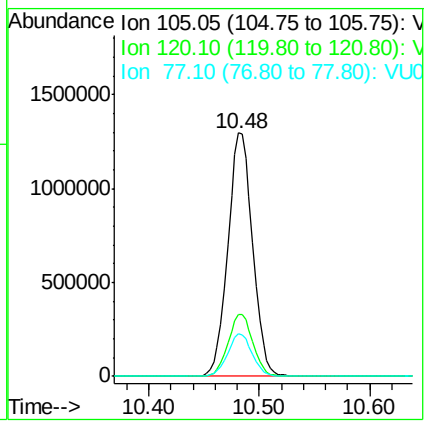


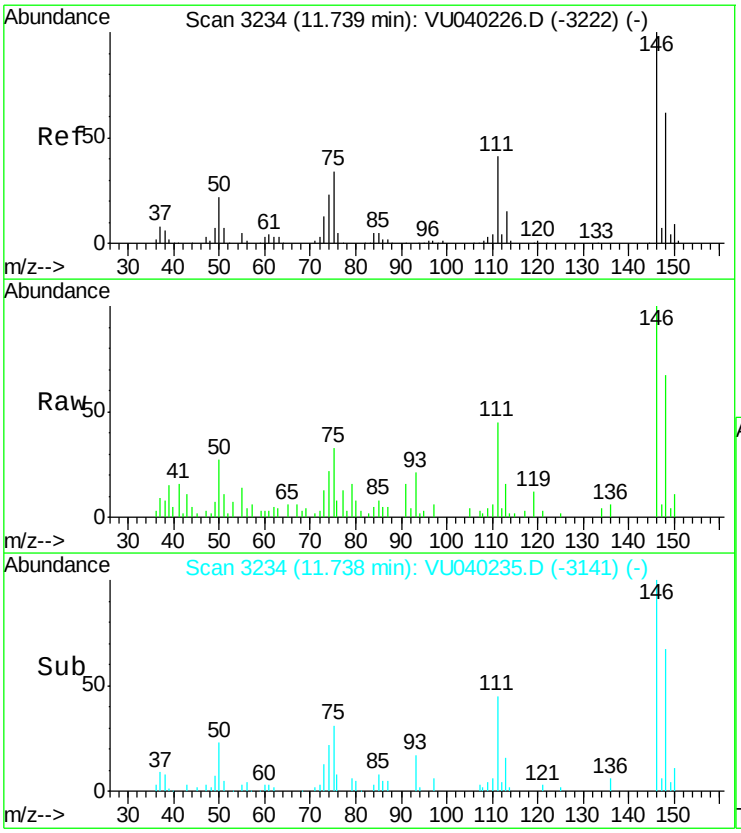
#56
Isopropylbenzene
Concen: 30.302 ug/L
RT: 10.48 min Scan# 2843
Delta R.T. -0.00 min
Lab File: VU040235.D
Acq: 21 Sep 2020 15:49

Instrument :
MSVOA_U
ClientSampleId :
BG0P0

Tgt Ion:105 Resp: 2009982

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.1	30.1
77	17.2	14.4	21.6

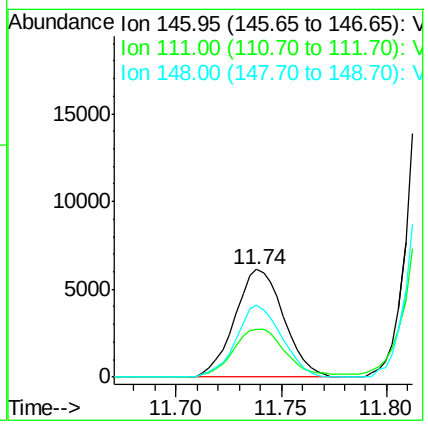


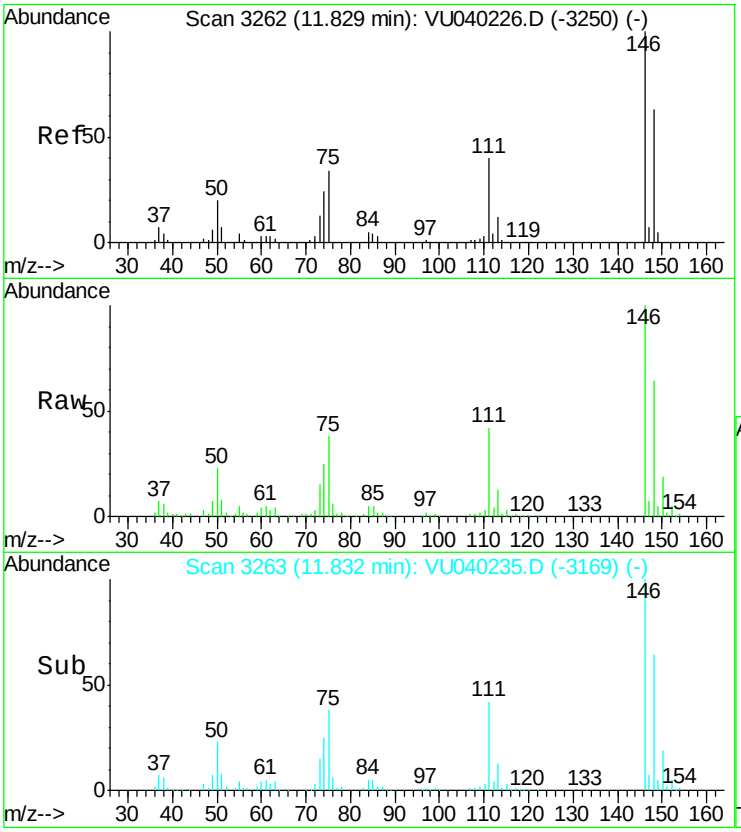


#62
1,3-Dichlorobenzene
Concen: 0.313 ug/L
RT: 11.74 min Scan# 3234
Delta R.T. -0.00 min
Lab File: VU040235.D
Acq: 21 Sep 2020 15:49

Tgt Ion:146 Resp: 9925

Ion	Ratio	Lower	Upper
146	100		
111	44.9	31.6	58.8
148	67.0	44.2	82.0



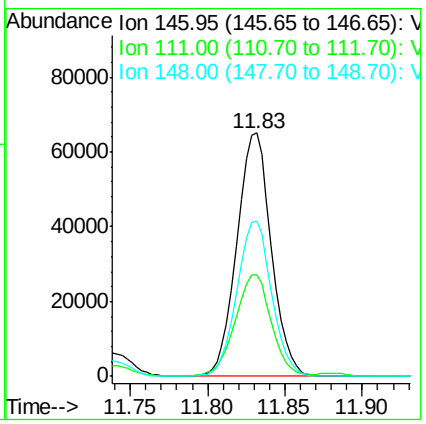


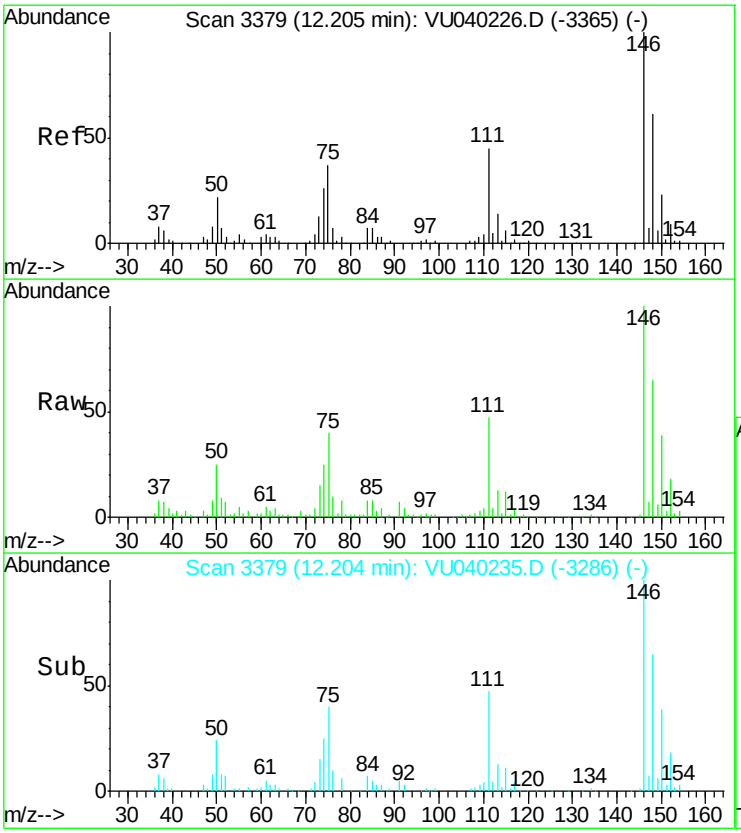
#63
1,4-Dichlorobenzene
Concen: 3.146 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.00 min
Lab File: VU040235.D
Acq: 21 Sep 2020 15:49

Instrument : MSVOA_U
ClientSampleId : BG0P0

Tgt Ion:146 Resp: 100796

Ion	Ratio	Lower	Upper
146	100		
111	41.9	30.5	56.7
148	63.9	45.4	84.4





#65
1,2-Dichlorobenzene
Concen: 2.421 ug/L
RT: 12.20 min Scan# 3379
Delta R.T. -0.00 min
Lab File: VU040235.D
Acq: 21 Sep 2020 15:49

Tgt Ion:146 Resp: 74168

Ion	Ratio	Lower	Upper
146	100		
111	47.5	36.5	54.7
148	65.4	48.6	72.8