Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101120\
Data File : VU040636.D
Acq On : 10 Oct 2020 15:55
Operator : SY/MD
Sample : L4240-10DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3S8DL

Quant Time: Oct 12 07:32:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 12 07:06:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133364	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	134101	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68394	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	47252	4.28	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.60%			
7) Chloroethane-d5	1.92	69	39804	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.40%			
11) 1,1-Dichloroethene-d2	2.58	63	71731	3.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.40%			
20) 2-Butanone-d5	4.65	46	197657	55.89	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.78%			
24) Chloroform-d	5.08	84	91803	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
26) 1,2-Dichloroethane-d4	5.72	65	56878	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
32) Benzene-d6	5.74	84	172215	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.70	67	56518	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.91	98	160782	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
43) trans-1,3-Dichloropropene-	8.19	79	24700	4.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.20%			
46) 2-Hexanone-d5	8.64	63	144162	55.00	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.00%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53014	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	65569	5.17	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.40%			
Target Compounds						Qvalue
30) Cyclohexane	5.40	56	19749	1.189	ug/L	92
35) Methylcyclohexane	6.78	83	6794	0.429	ug/L	96
51) Chlorobenzene	9.45	112	81273	2.811	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	18435	0.824	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	58784	2.547	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	4177	0.191	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	181524	14.792	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	25422	2.231	ug/L	97

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

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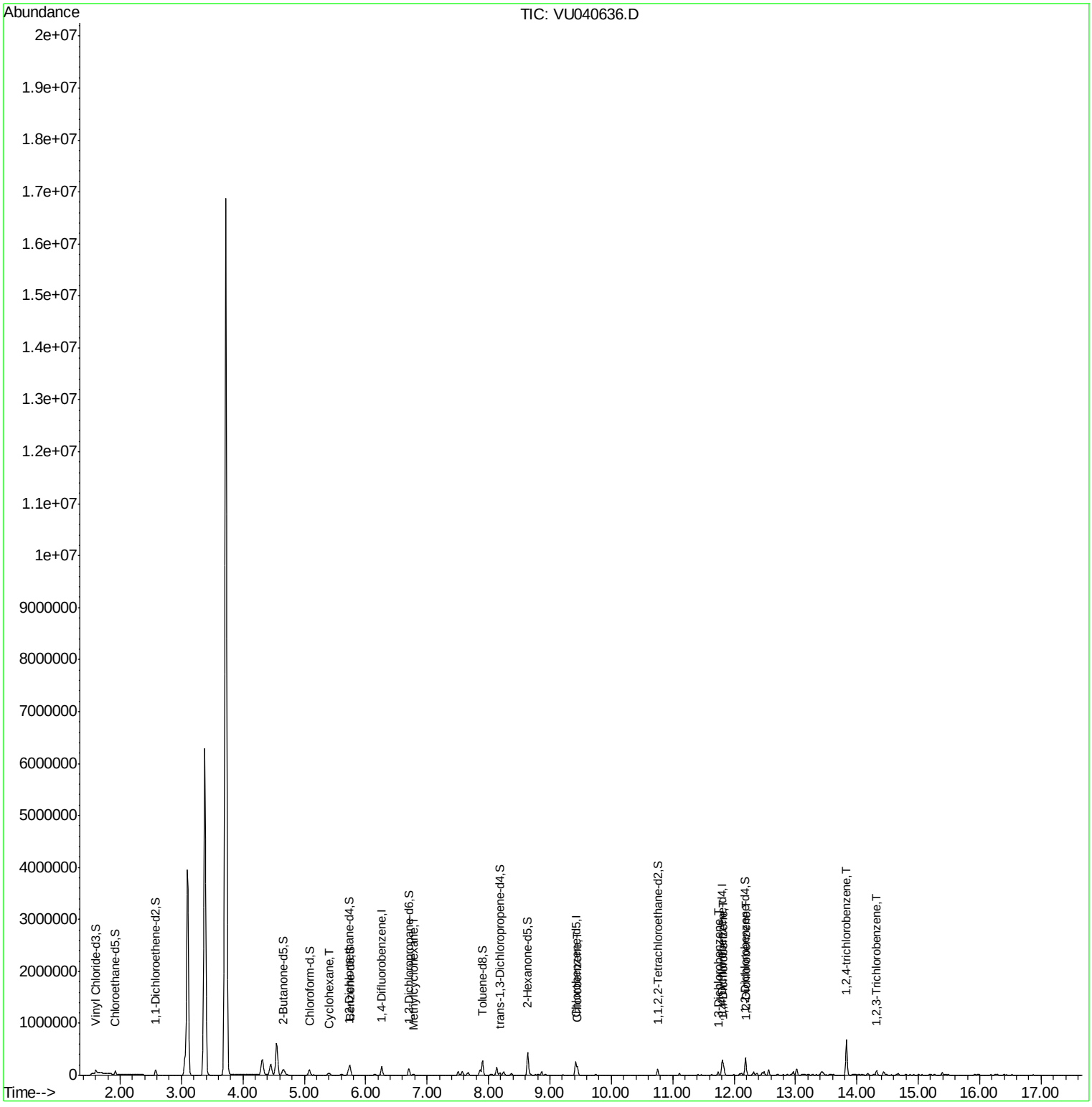
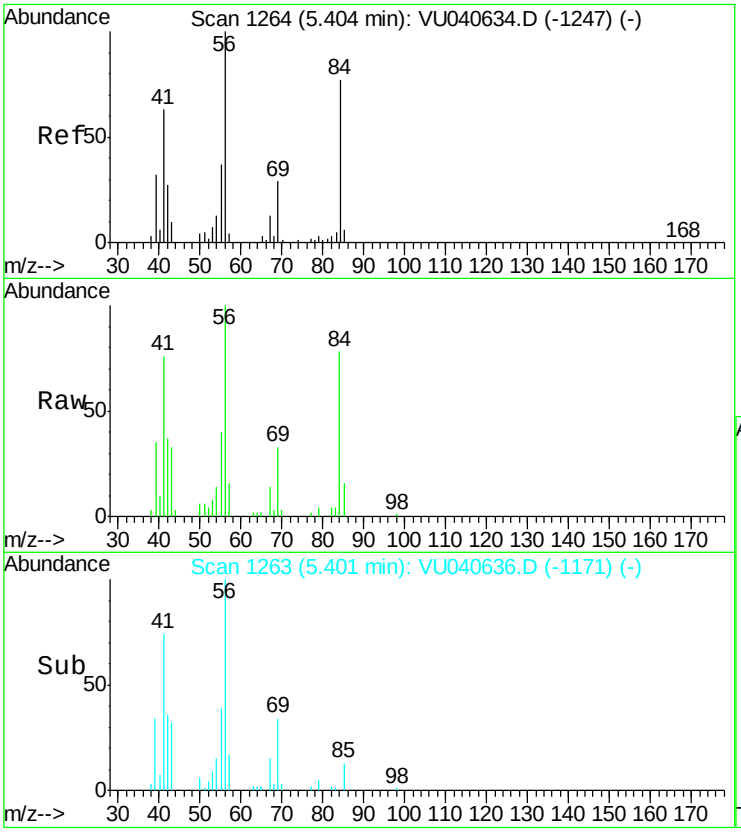


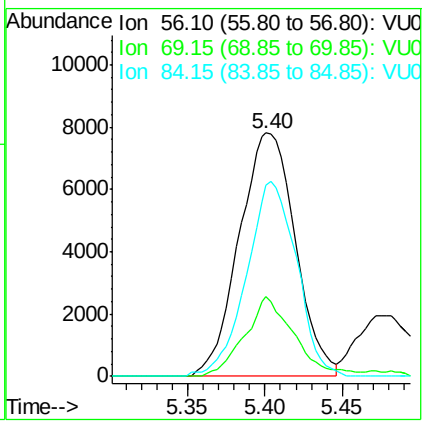


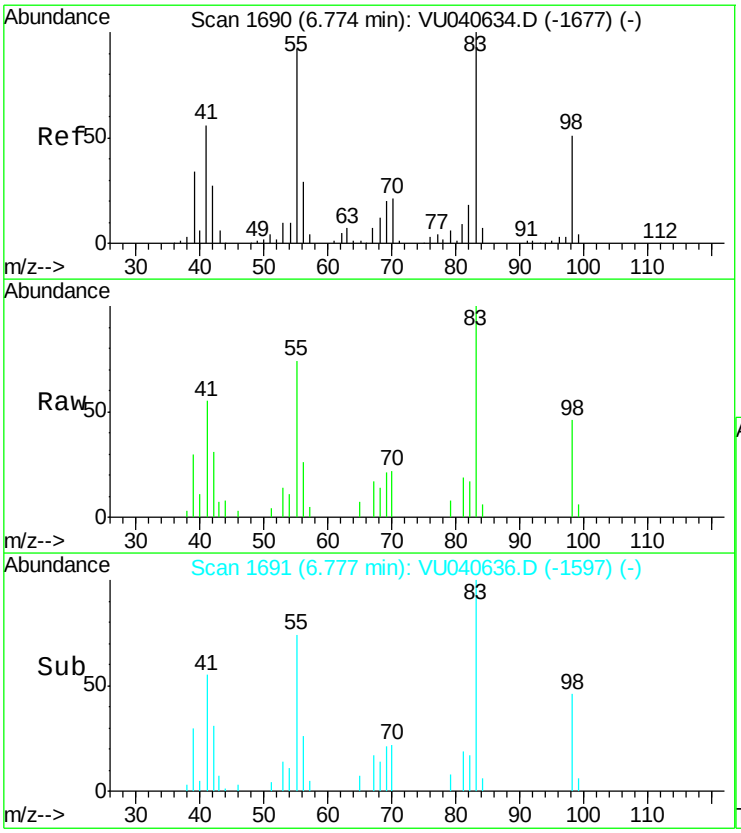
#30
Cyclohexane
Concen: 1.189 ug/L
RT: 5.40 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VU040636.D
Acq: 10 Oct 2020 15:55

Instrument :
MSVOA_U
ClientSampleId :
BG3S8DL

Tgt Ion: 56 Resp: 19749

Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.8	35.8
84	71.4	64.0	96.0

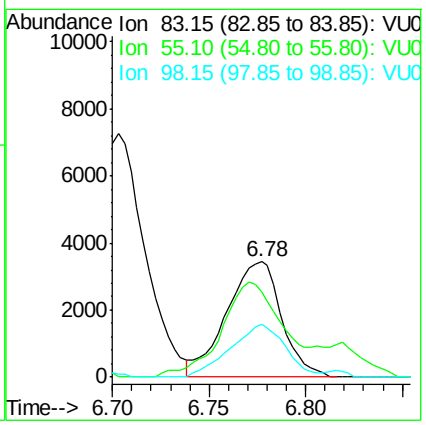


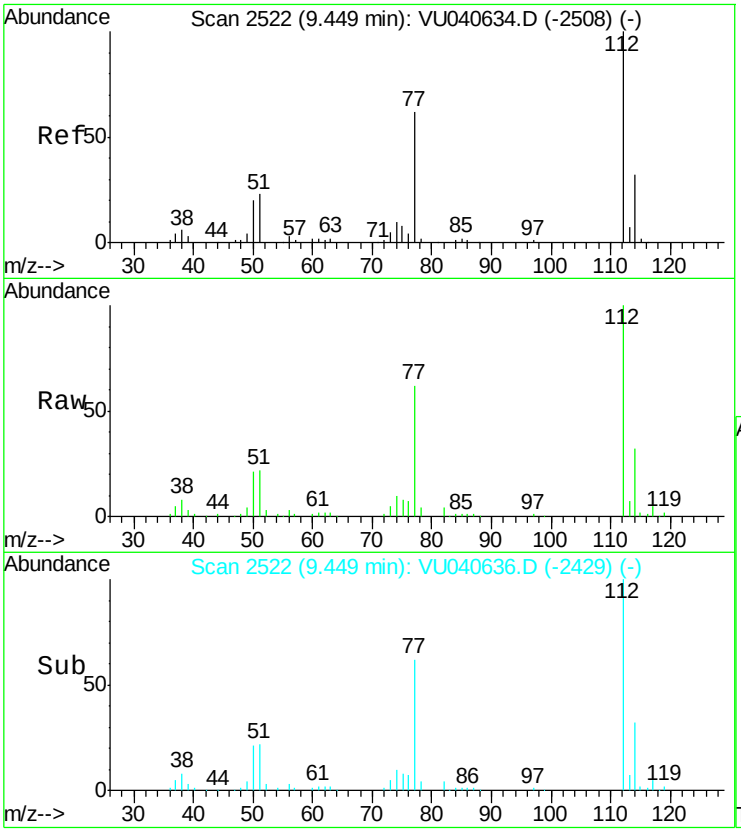


#35
Methylcyclohexane
Concen: 0.429 ug/L
RT: 6.78 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VU040636.D
Acq: 10 Oct 2020 15:55

Tgt Ion: 83 Resp: 6794

Ion	Ratio	Lower	Upper
83	100		
55	92.4	70.7	106.1
98	46.1	38.4	57.6



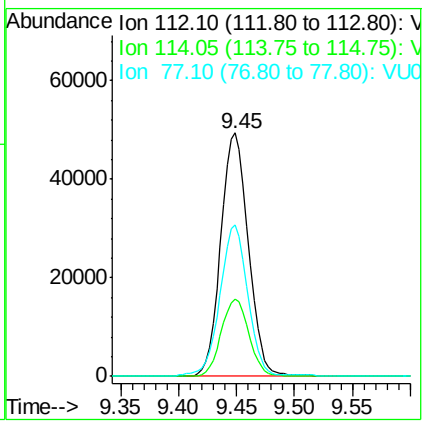


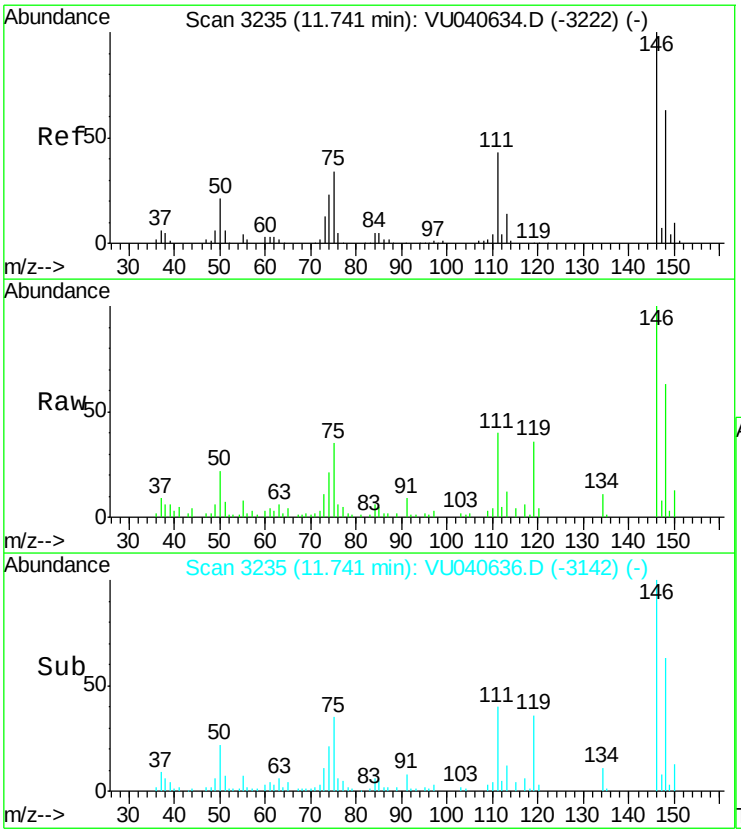
#51
Chlorobenzene
Concen: 2.811 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040636.D
Acq: 10 Oct 2020 15:55

Instrument : MSVOA_U
ClientSampleId : BG3S8DL

Tgt Ion:112 Resp: 81273

Ion	Ratio	Lower	Upper
112	100		
114	31.7	23.1	42.9
77	62.3	50.3	75.5

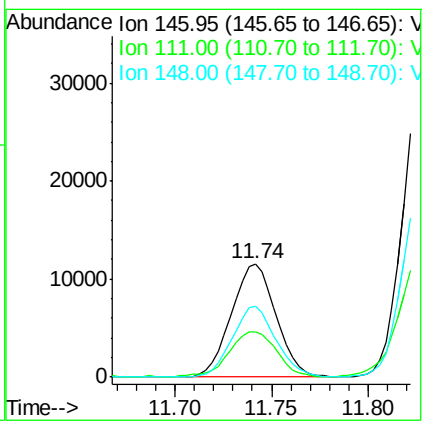


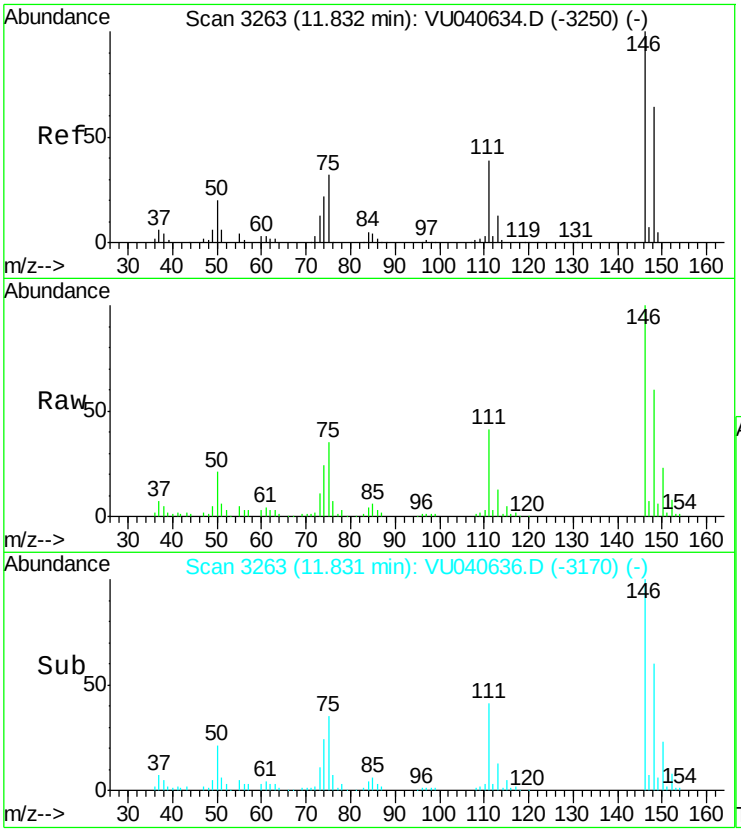


#62
1,3-Dichlorobenzene
Concen: 0.824 ug/L
RT: 11.74 min Scan# 3235
Delta R.T. -0.00 min
Lab File: VU040636.D
Acq: 10 Oct 2020 15:55

Tgt Ion:146 Resp: 18435

Ion	Ratio	Lower	Upper
146	100		
111	39.9	28.8	53.6
148	62.8	44.4	82.4



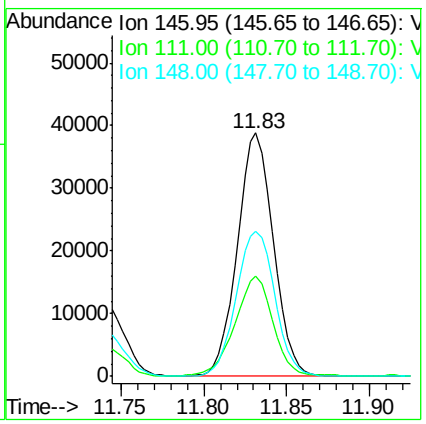


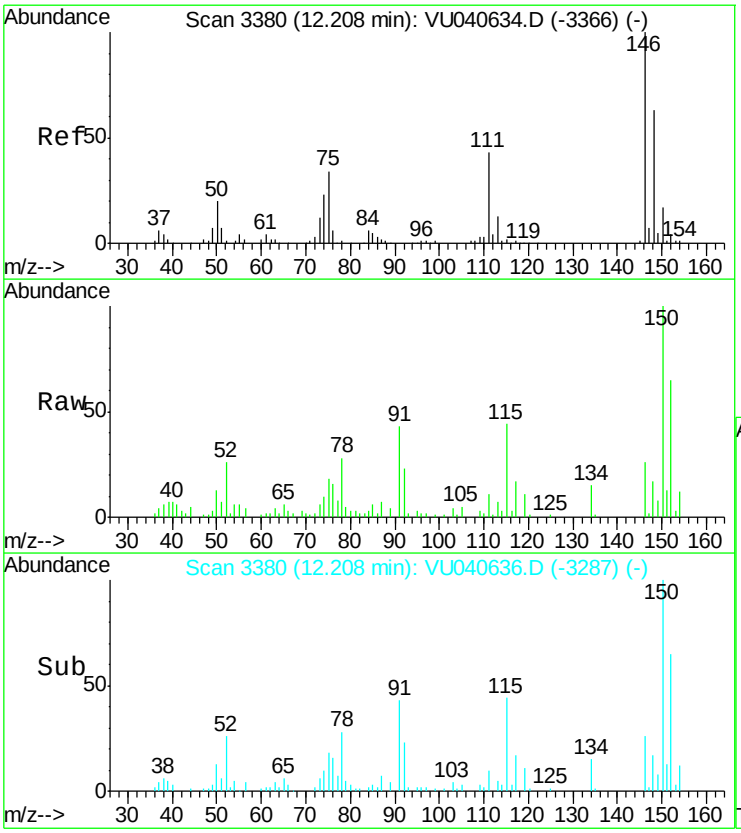
#63
1,4-Dichlorobenzene
Concen: 2.547 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. -0.00 min
Lab File: VU040636.D
Acq: 10 Oct 2020 15:55

Instrument :
MSVOA_U
ClientSampleId :
BG3S8DL

Tgt Ion:146 Resp: 58784

Ion	Ratio	Lower	Upper
146	100		
111	40.9	28.4	52.8
148	59.5	44.0	81.6

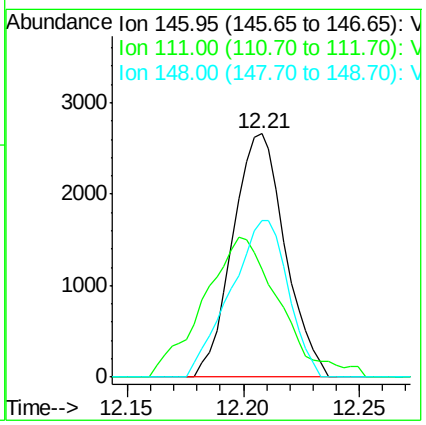


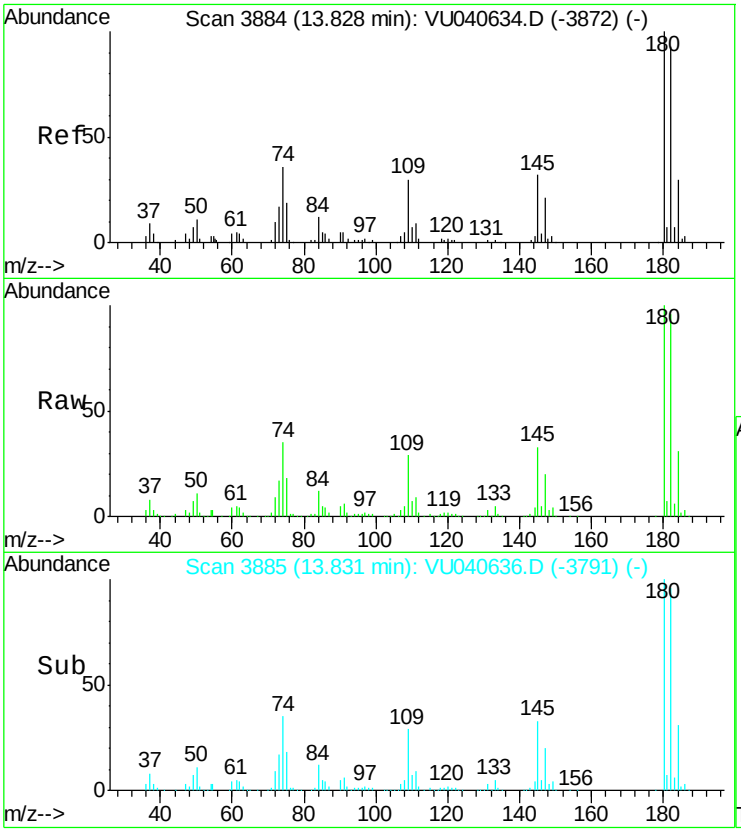


#65
1,2-Dichlorobenzene
Concen: 0.191 ug/L
RT: 12.21 min Scan# 3380
Delta R.T. -0.00 min
Lab File: VU040636.D
Acq: 10 Oct 2020 15:55

Tgt Ion:146 Resp: 4177

Ion	Ratio	Lower	Upper
146	100		
111	44.3	34.4	51.6
148	64.3	50.0	75.0



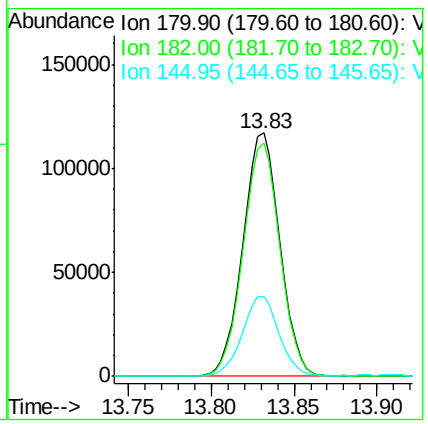


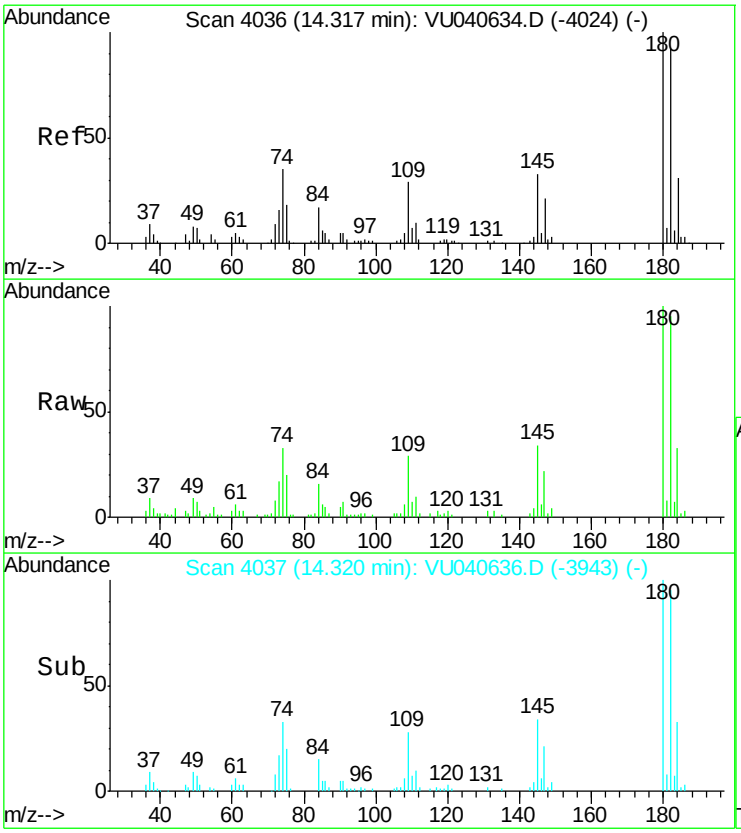
#68
1,2,4-trichlorobenzene
Concen: 14.792 ug/L
RT: 13.83 min Scan# 3885
Delta R.T. 0.00 min
Lab File: VU040636.D
Acq: 10 Oct 2020 15:55

Instrument :
MSVOA_U
ClientSampleId :
BG3S8DL

Tgt Ion:180 Resp: 181524

Ion	Ratio	Lower	Upper
180	100		
182	95.7	78.8	118.2
145	32.7	26.1	39.1





#70
1,2,3-Trichlorobenzene
Concen: 2.231 ug/L
RT: 14.32 min Scan# 4037
Delta R.T. 0.00 min
Lab File: VU040636.D
Acq: 10 Oct 2020 15:55

Tgt Ion:180 Resp: 25422

Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.8	113.8
145	38.2	27.4	41.2