Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
Data File : VU038381.D
Acq On : 29 May 2020 17:19
Operator : JC/MD
Sample : L2749-04DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W9DL

Quant Time: May 30 00:34:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:03:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	301808	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	295528	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	146265	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	80813	2.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 58.60%			
7) Chloroethane-d5	1.93	69	76873	3.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 64.40%#			
11) 1,1-Dichloroethene-d2	2.59	63	125317	2.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 54.40%#			
20) 2-Butanone-d5	4.68	46	308556	45.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.60%			
24) Chloroform-d	5.10	84	174431	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.20%			
26) 1,2-Dichloroethane-d4	5.74	65	105772	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.20%			
32) Benzene-d6	5.76	84	361610	4.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.60%			
36) 1,2-Dichloropropane-d6	6.72	67	110551	3.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 77.40%			
41) Toluene-d8	7.93	98	310454	3.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.00%			
43) trans-1,3-Dichloropropene-	8.20	79	42312	3.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.00%			
46) 2-Hexanone-d5	8.66	63	247066	45.70	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.40%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95240	4.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.40%			
64) 1,2-Dichlorobenzene-d4	12.21	152	127810	4.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.80%			
Target Compounds						Qvalue
8) Chloroethane	1.95	64	2778	0.14	ug/L #	62
16) Methylene chloride	3.07	84	2205	0.09	ug/L	78
33) Benzene	5.81	78	10258	0.11	ug/L	100
51) Chlorobenzene	9.47	112	658664	10.62	ug/L	98
56) Isopropylbenzene	10.50	105	230308	2.23	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	5819	0.12	ug/L	96

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

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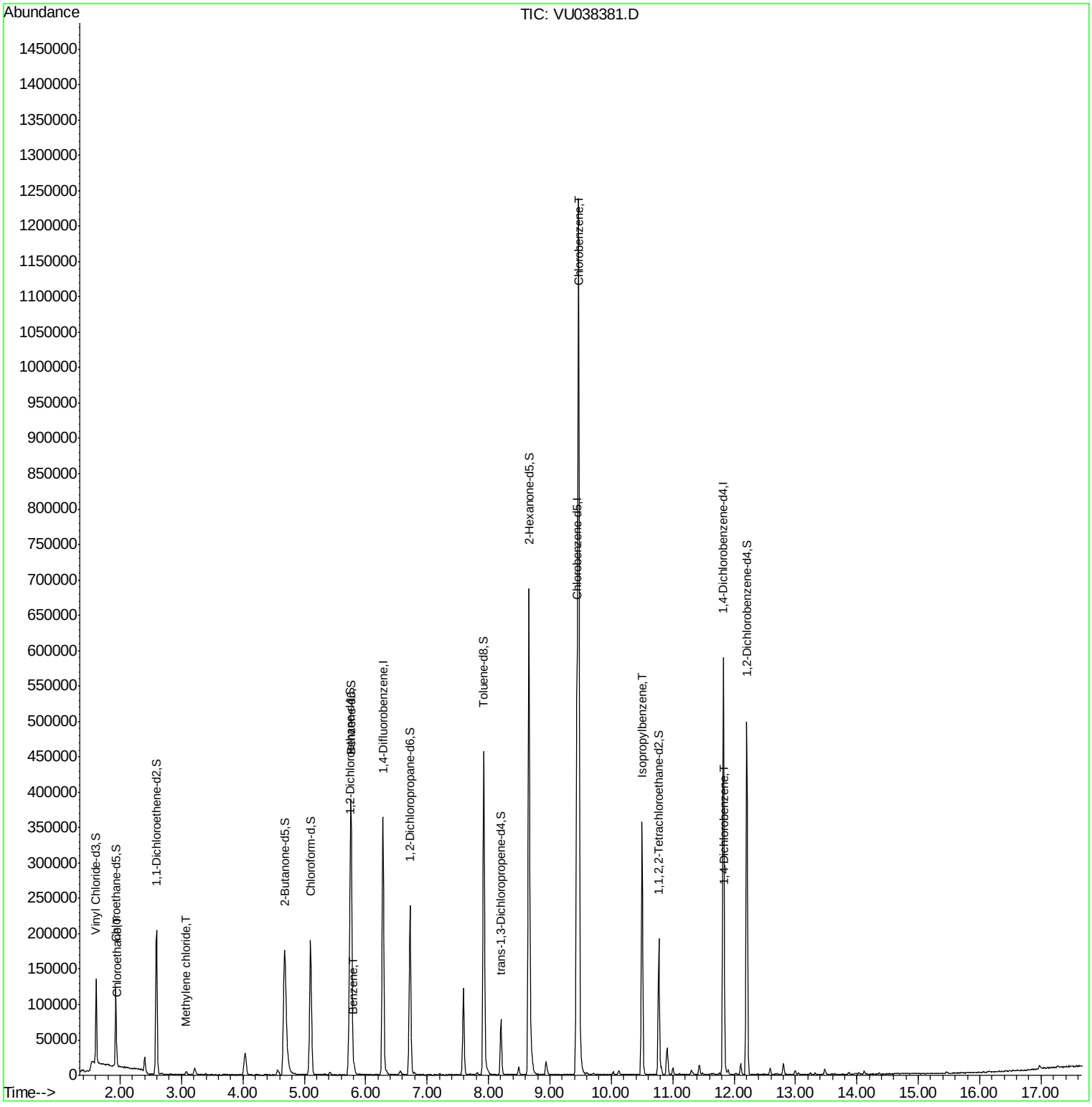
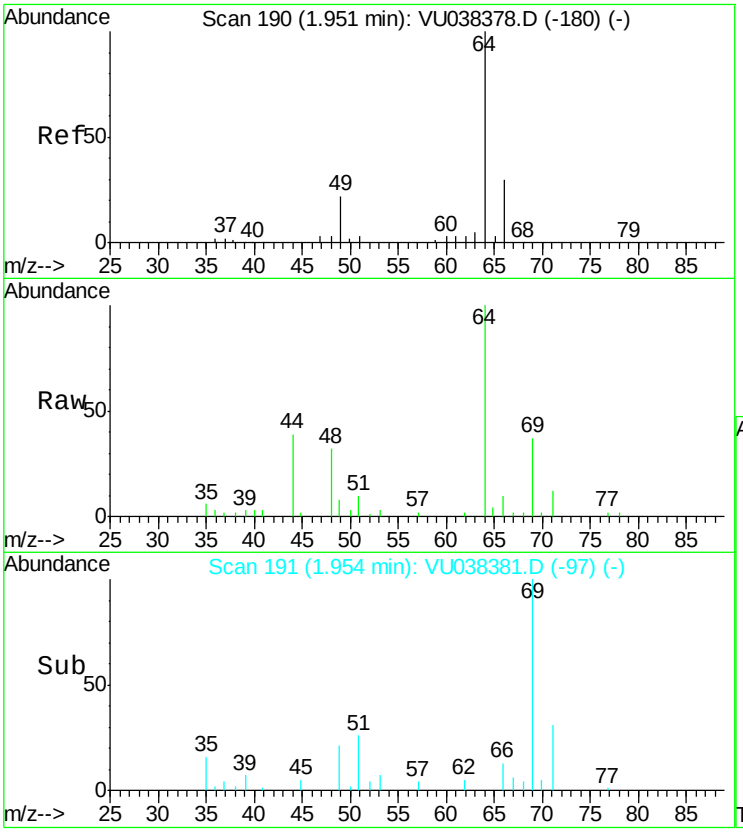


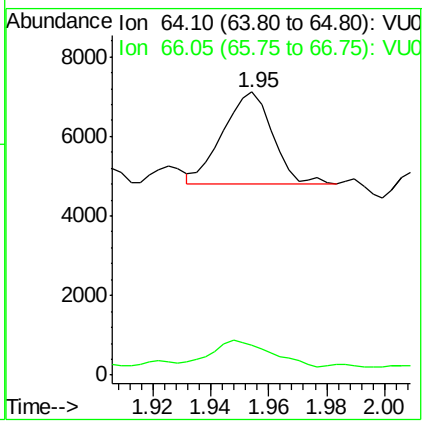


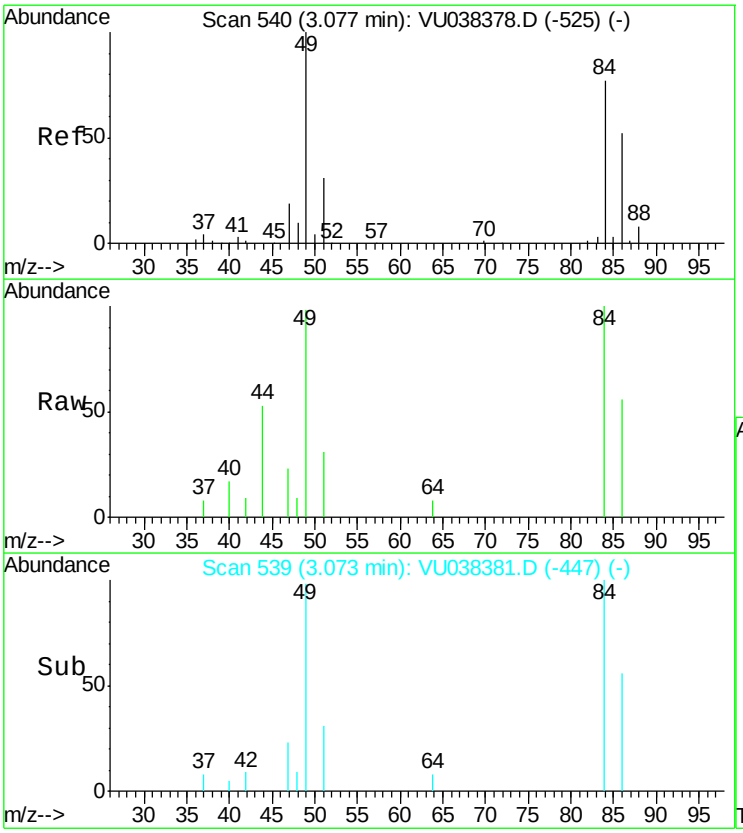
#8
Chloroethane
Concen: 0.14 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU038381.D
Acq: 29 May 2020 17:19

Instrument : MSVOA_U
ClientSampleId : BE4W9DL

Tgt Ion: 64 Resp: 2778

Ion	Ratio	Lower	Upper
64	100		
66	10.4	21.8	40.4#

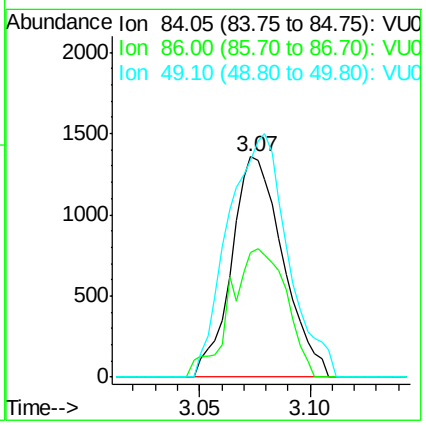


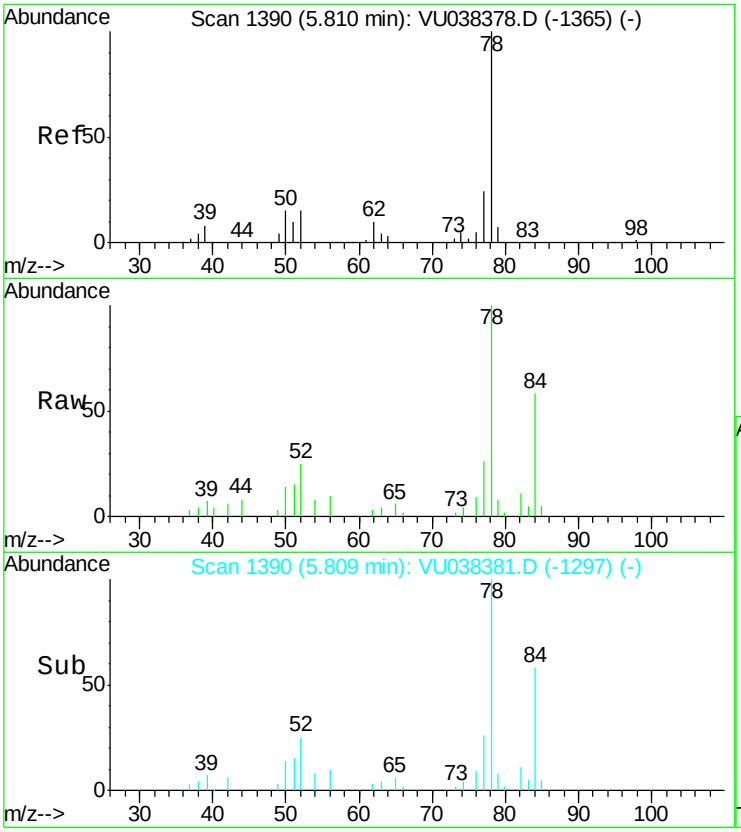


#16
Methylene chloride
Concen: 0.09 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU038381.D
Acq: 29 May 2020 17:19

Tgt Ion: 84 Resp: 2205

Ion	Ratio	Lower	Upper
84	100		
86	56.3	44.9	83.3
49	98.1	92.0	170.9

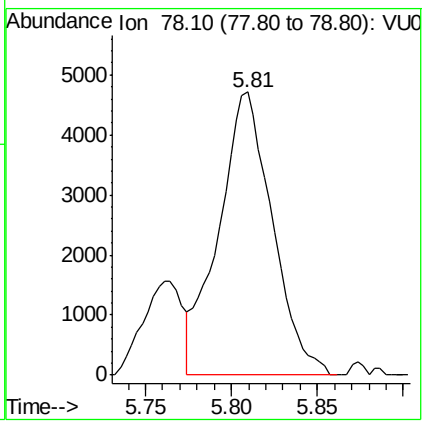


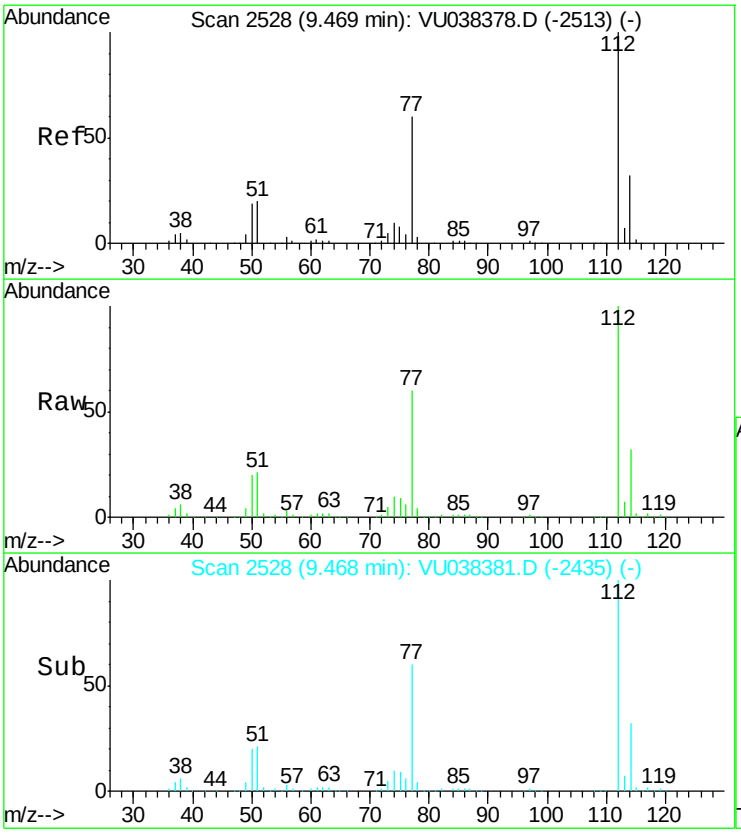


#33
Benzene
Concen: 0.11 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038381.D
Acq: 29 May 2020 17:19

Instrument :
MSVOA_U
ClientSampleId :
BE4W9DL

Tgt Ion: 78 Resp: 10258

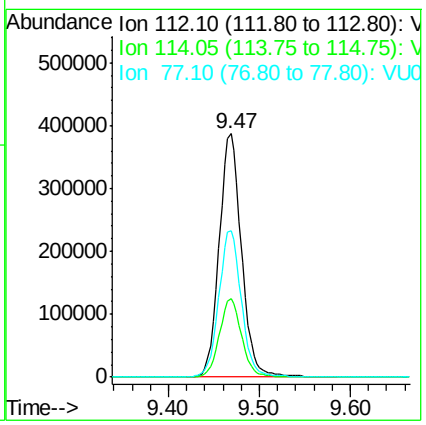


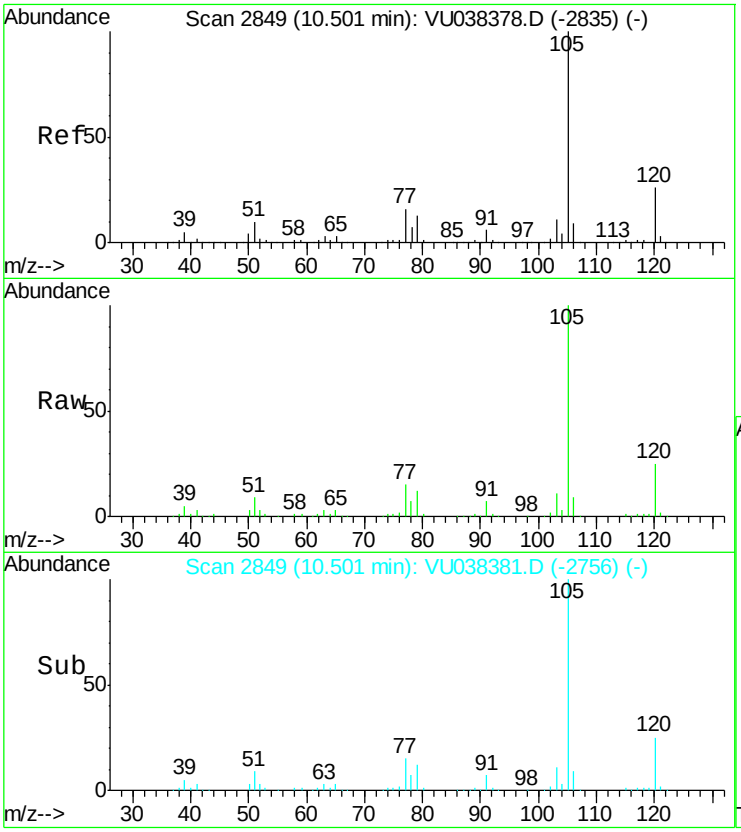


#51
Chlorobenzene
Concen: 10.62 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. -0.00 min
Lab File: VU038381.D
Acq: 29 May 2020 17:19

Tgt Ion:112 Resp: 658664

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.5	41.7
77	60.3	49.9	74.9



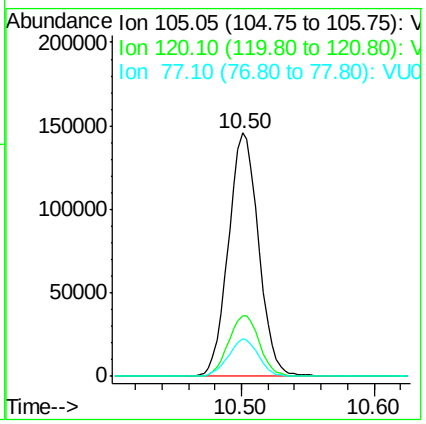


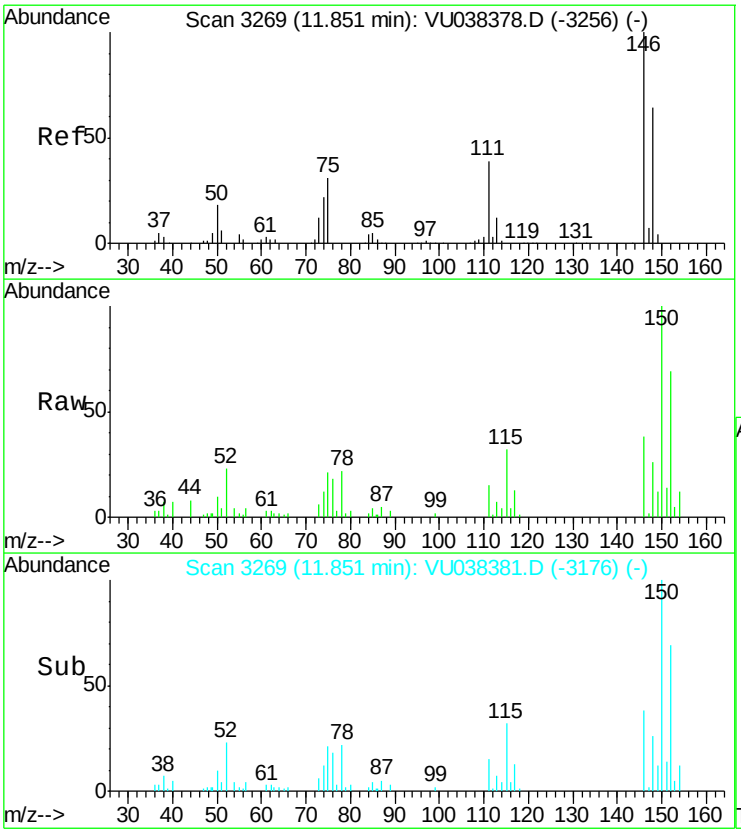
#56
Isopropylbenzene
Concen: 2.23 ug/L
RT: 10.50 min Scan# 2849
Delta R.T. -0.00 min
Lab File: VU038381.D
Acq: 29 May 2020 17:19

Instrument :
MSVOA_U
ClientSampleId :
BE4W9DL

Tgt Ion:105 Resp: 230308

Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.0	31.6
77	15.5	13.0	19.4





#63
1,4-Dichlorobenzene
Concen: 0.12 ug/L
RT: 11.85 min Scan# 3269
Delta R.T. -0.00 min
Lab File: VU038381.D
Acq: 29 May 2020 17:19

Tgt Ion:146 Resp: 5819

Ion	Ratio	Lower	Upper
146	100		
111	39.6	27.2	50.6
148	67.5	43.8	81.3