Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052720\
Data File : VU038329.D
Acq On : 27 May 2020 18:29
Operator : JC/MD
Sample : L2749-04 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: May 28 04:26:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 04:16:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	292169	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	286877	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	141235	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	85169	3.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.80%			
7) Chloroethane-d5	1.93	69	82004	3.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.00%			
11) 1,1-Dichloroethene-d2	2.59	63	132935	2.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.60%#			
20) 2-Butanone-d5	4.66	46	351373	53.29	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.58%			
24) Chloroform-d	5.10	84	196889	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.74	65	116601	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
32) Benzene-d6	5.76	84	407972	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	6.72	67	131613	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.80%			
41) Toluene-d8	7.92	98	361690	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
43) trans-1,3-Dichloropropene-	8.20	79	49802	4.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.60%			
46) 2-Hexanone-d5	8.65	63	279859	53.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.64%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111320	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.60%			
64) 1,2-Dichlorobenzene-d4	12.20	152	147936	5.38	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.60%			
Target Compounds						Qvalue
8) Chloroethane	1.95	64	4320	0.223	ug/L #	82
16) Methylene chloride	3.08	84	3224	0.136	ug/L	92
33) Benzene	5.81	78	20144	0.219	ug/L	100
37) 1,2-Dichloropropane	6.72	63	13828	0.554	ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	4074	0.114	ug/L	84
48) 2-Hexanone	8.71	43	17430	1.376	ug/L	95
51) Chlorobenzene	9.47	112	1385672	23.024	ug/L	98
56) Isopropylbenzene	10.50	105	505842	5.056	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	6216	0.371	ug/L #	1
63) 1,4-Dichlorobenzene	11.85	146	12192	0.262	ug/L	97
65) 1,2-Dichlorobenzene	12.22	146	4995	0.113	ug/L	89
66) 1,2-Dibromo-3-chloropropan	12.80	75	533	0.148	ug/L #	8

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

Quantitation Report (Not Reviewed)

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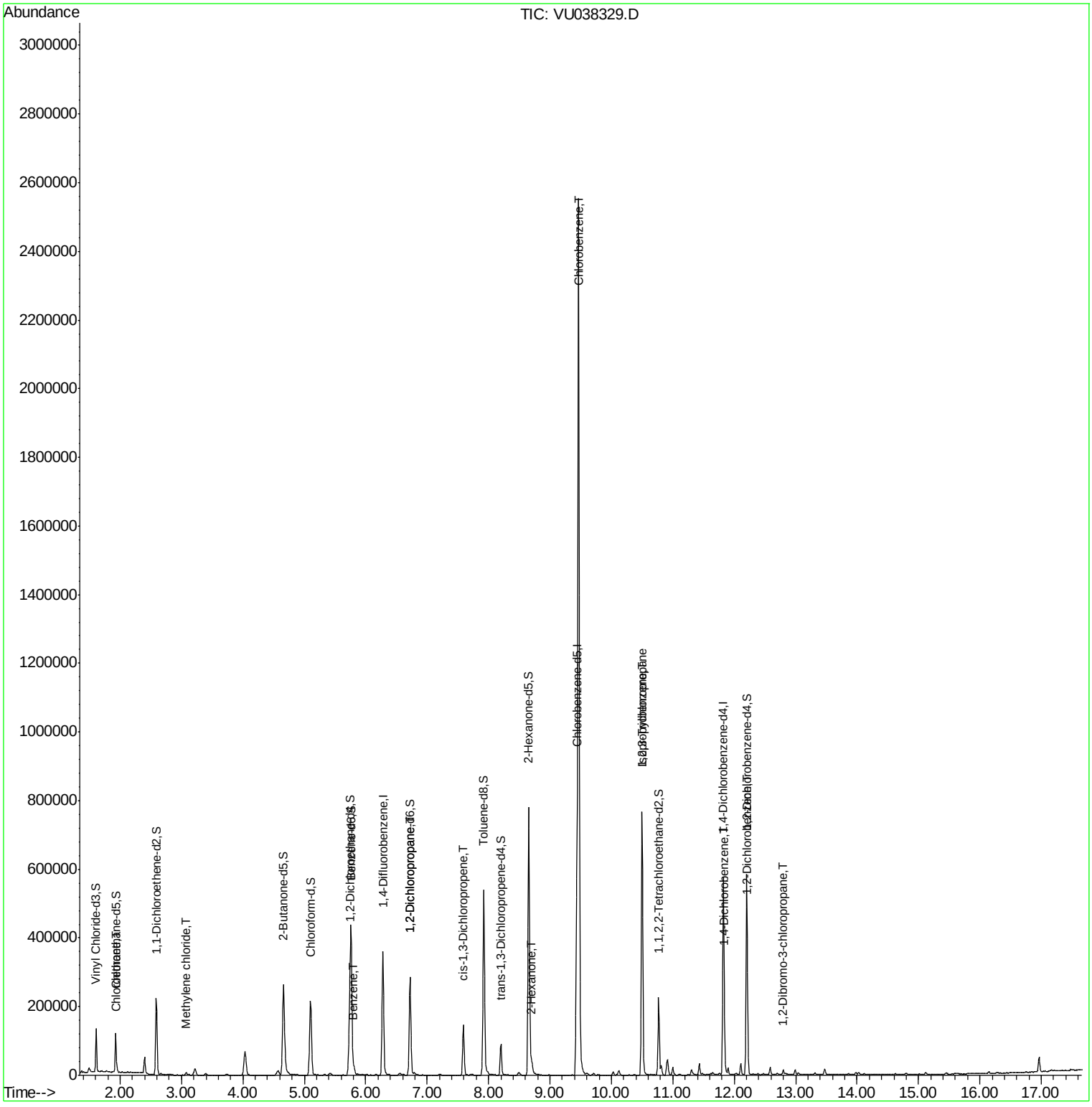
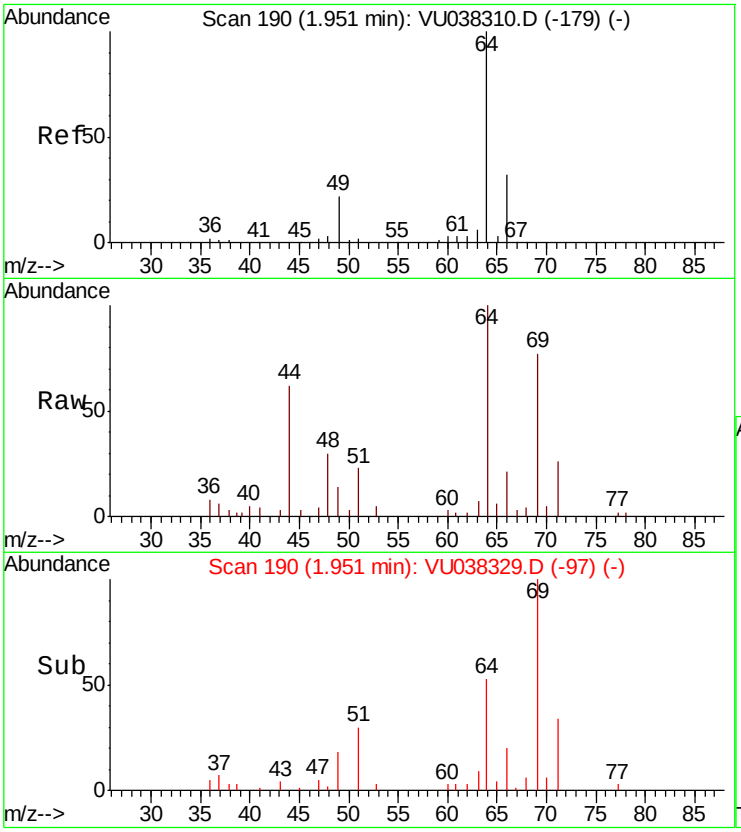
Acq On : 27 May 2020 18:29
Operator : JC/MD
Sample : L2749-04 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 28 04:26:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 04:16:01 2020
Response via : Initial Calibration



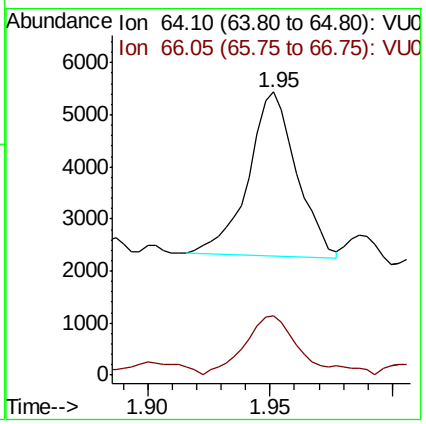


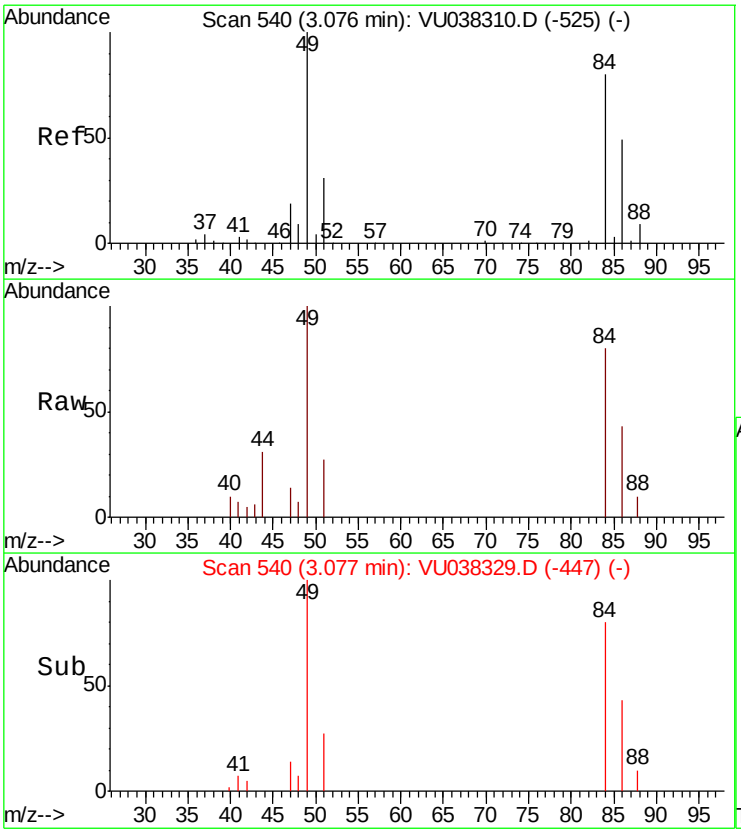
#8
Chloroethane
Concen: 0.223 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU038329.D
Acq: 27 May 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 4320

Ion	Ratio	Lower	Upper
64	100		
66	21.2	21.8	40.4#

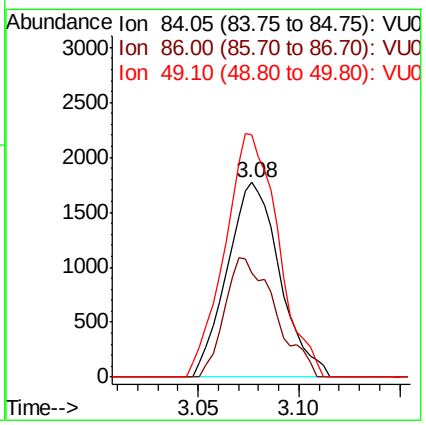


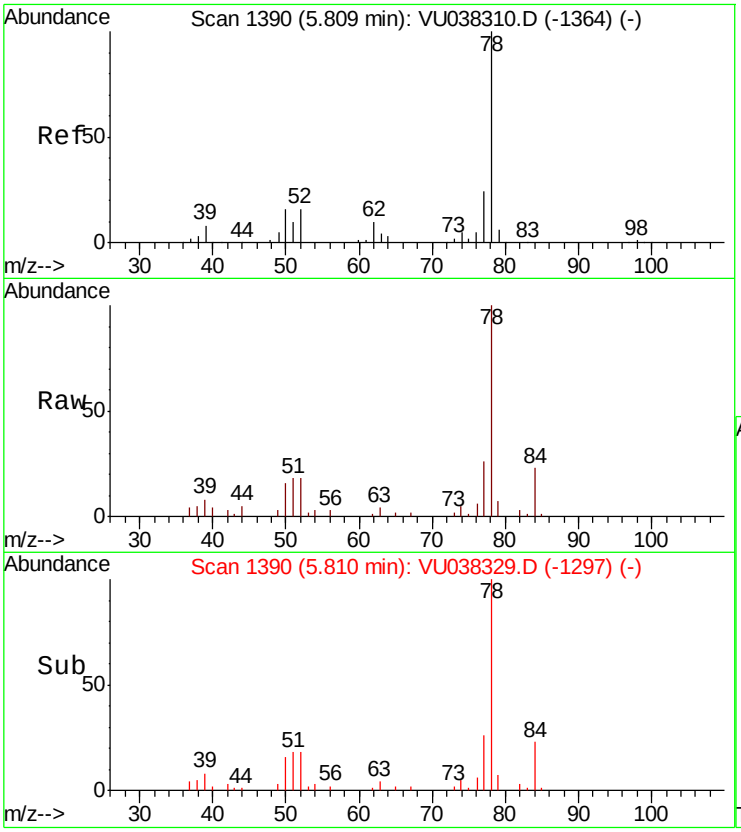


#16
Methylene chloride
Concen: 0.136 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU038329.D
Acq: 27 May 2020 18:29

Tgt Ion: 84 Resp: 3224

Ion	Ratio	Lower	Upper
84	100		
86	53.6	44.9	83.3
49	124.6	92.0	170.9

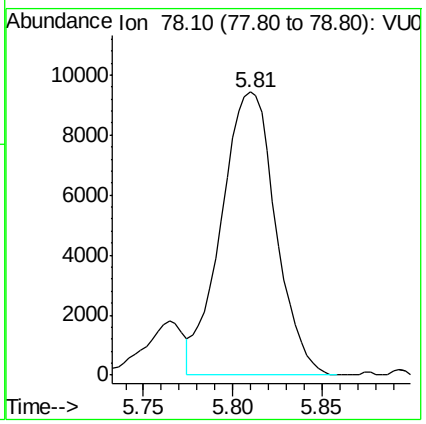


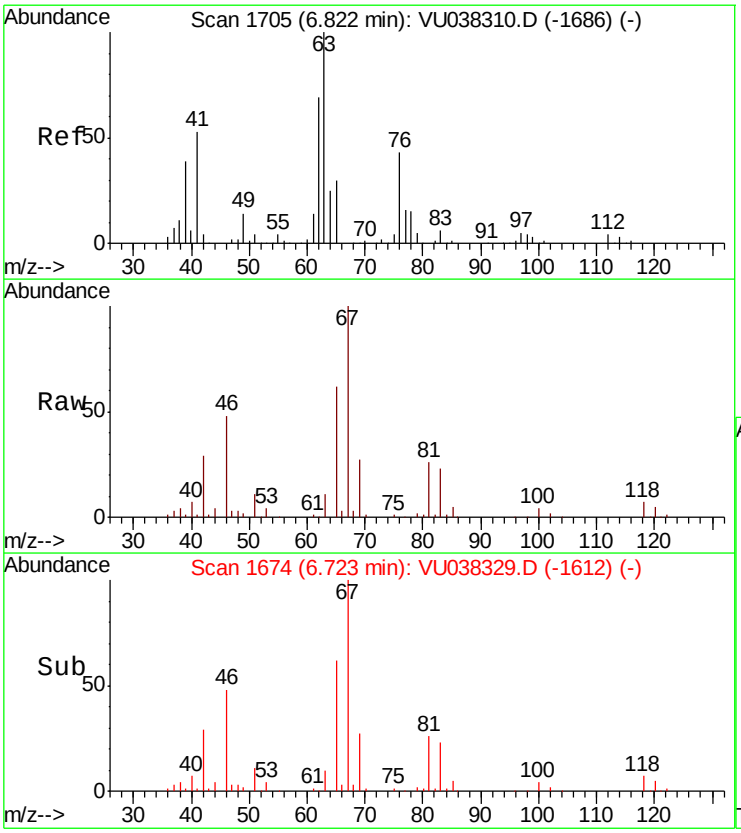


#33
Benzene
Concen: 0.219 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU038329.D
Acq: 27 May 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 20144

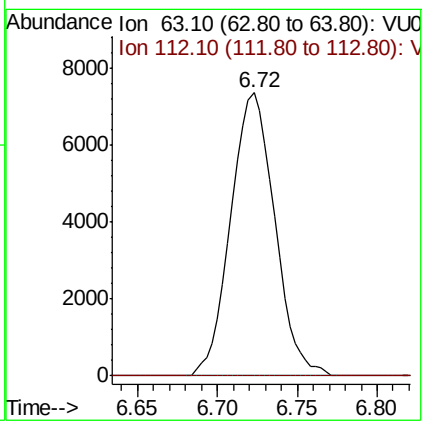


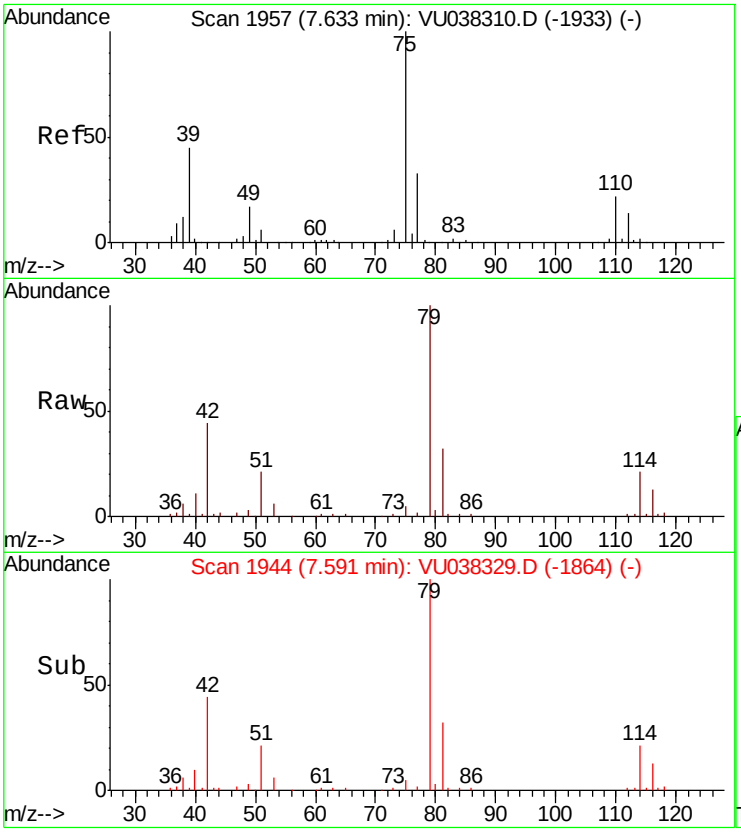


#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038329.D
Acq: 27 May 2020 18:29

Tgt Ion: 63 Resp: 13828

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.1	4.7#



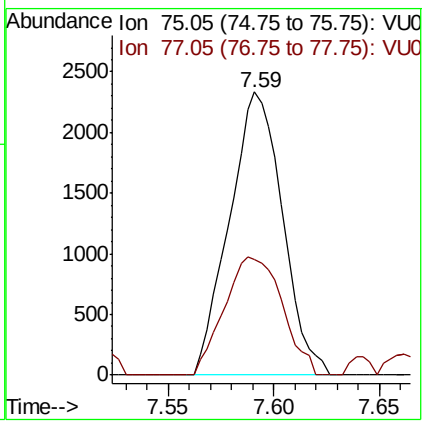


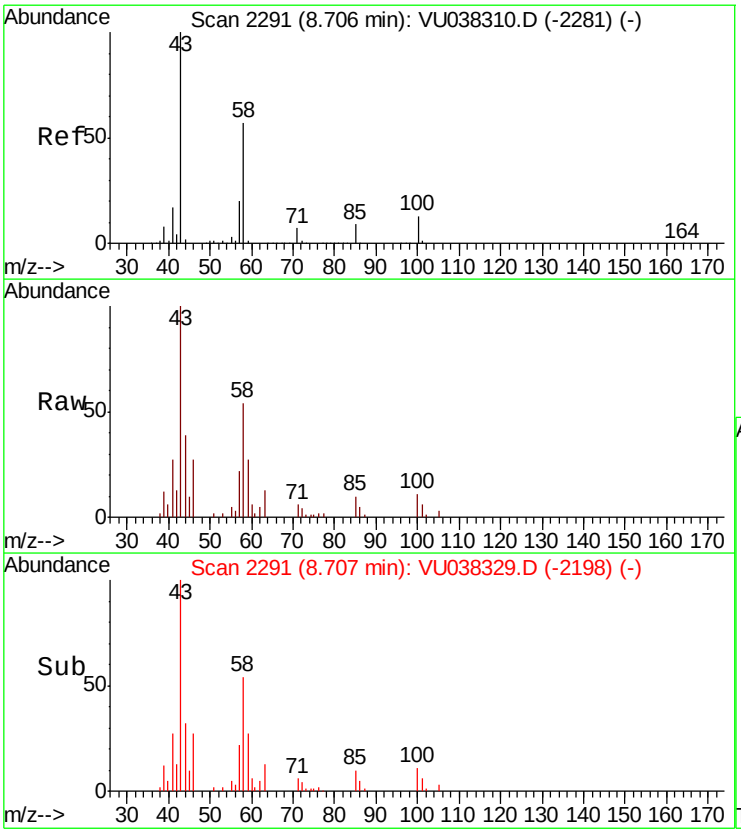
#39
cis-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU038329.D
Acq: 27 May 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4074

Ion	Ratio	Lower	Upper
75	100		
77	40.8	22.4	41.6

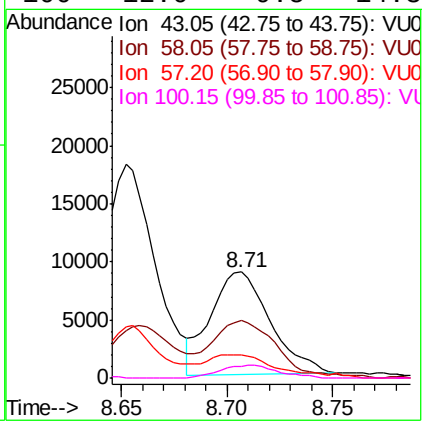


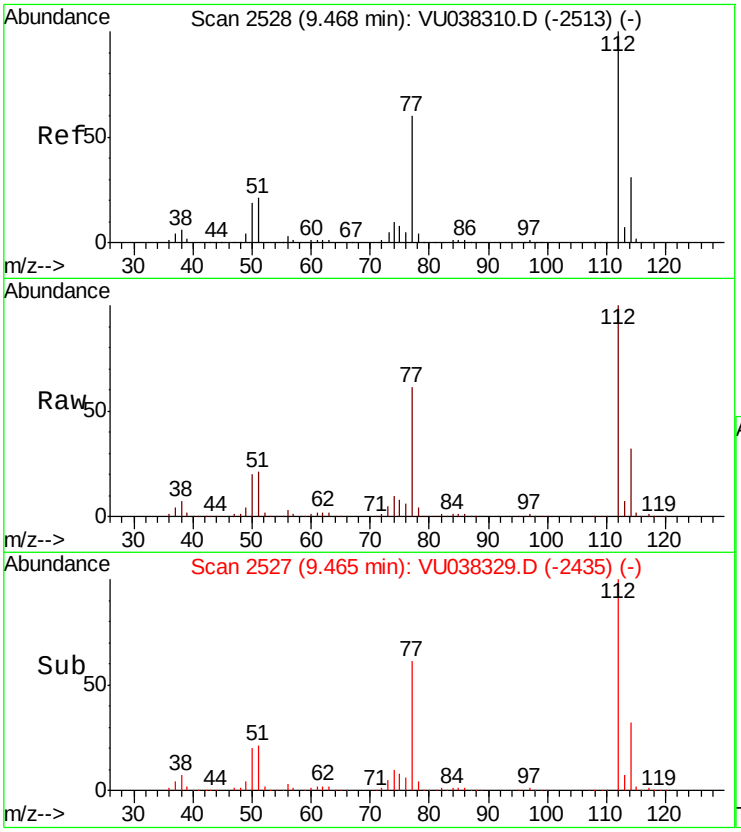


#48
2-Hexanone
Concen: 1.376 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038329.D
Acq: 27 May 2020 18:29

Tgt Ion: 43 Resp: 17430

Ion	Ratio	Lower	Upper
43	100		
58	60.6	45.2	67.8
57	21.9	15.5	23.3
100	12.0	9.5	14.3



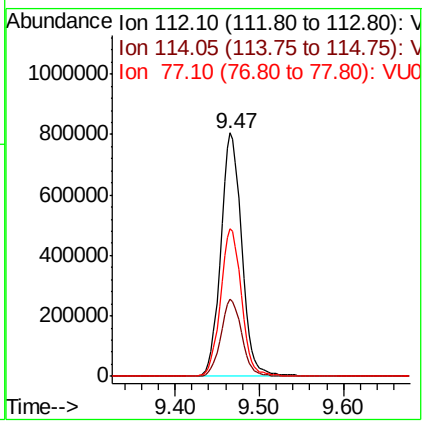


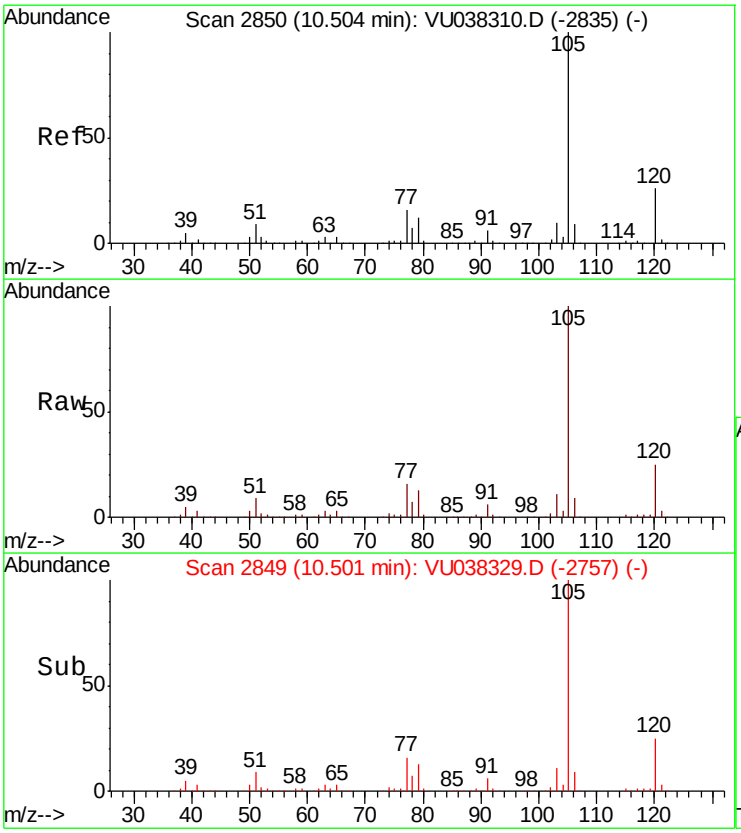
#51
Chlorobenzene
Concen: 23.024 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038329.D
Acq: 27 May 2020 18:29

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 1385672

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.5	41.7
77	60.8	49.9	74.9

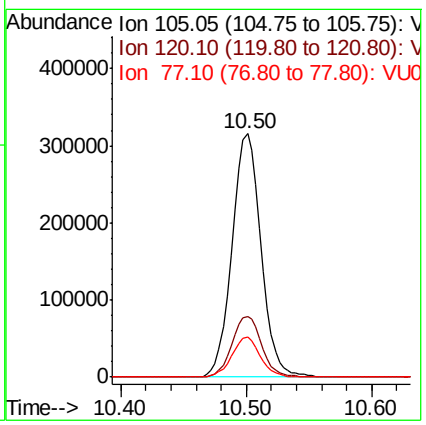


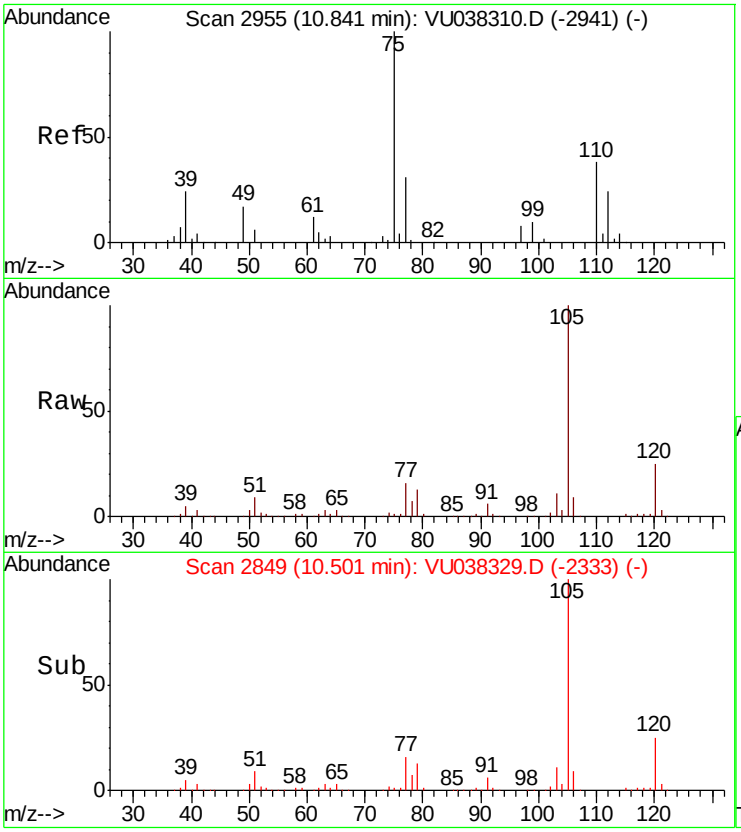


#56
Isopropylbenzene
Concen: 5.056 ug/L
RT: 10.50 min Scan# 2849
Delta R.T. -0.00 min
Lab File: VU038329.D
Acq: 27 May 2020 18:29

Tgt Ion:105 Resp: 505842

Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.0	31.6
77	16.2	13.0	19.4



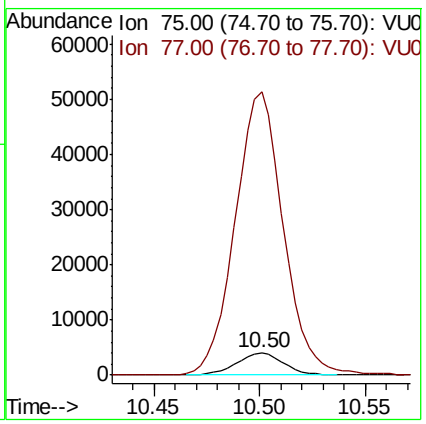


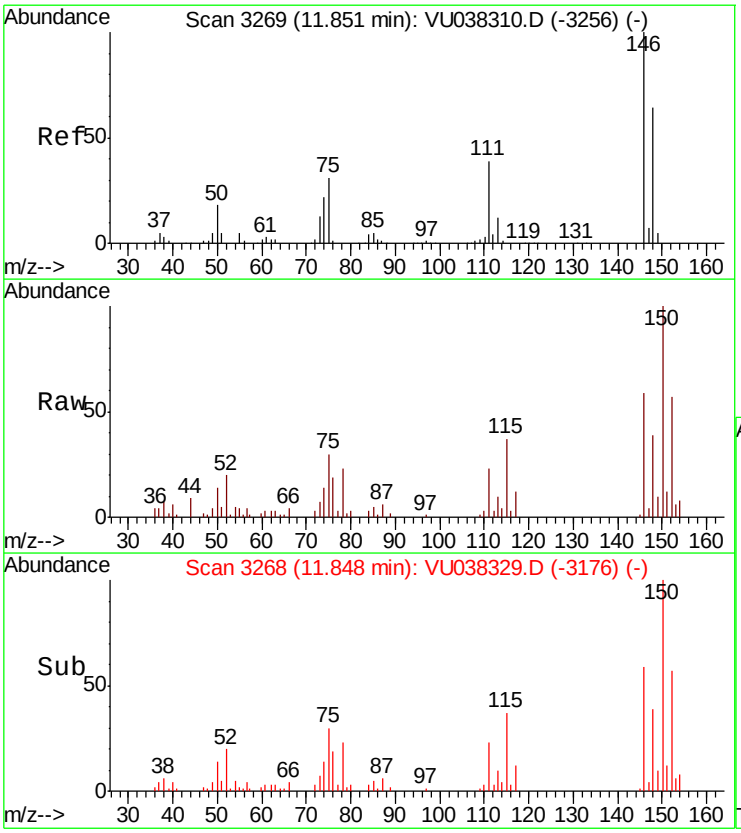
#59
1,2,3-Trichloropropane
Concen: 0.371 ug/L
RT: 10.50 min Scan# 2849
Delta R.T. -0.34 min
Lab File: VU038329.D
Acq: 27 May 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6216

Ion	Ratio	Lower	Upper
75	100		
77	1315.0	25.4	38.0#

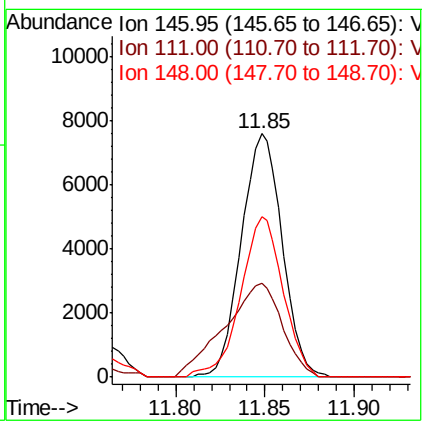


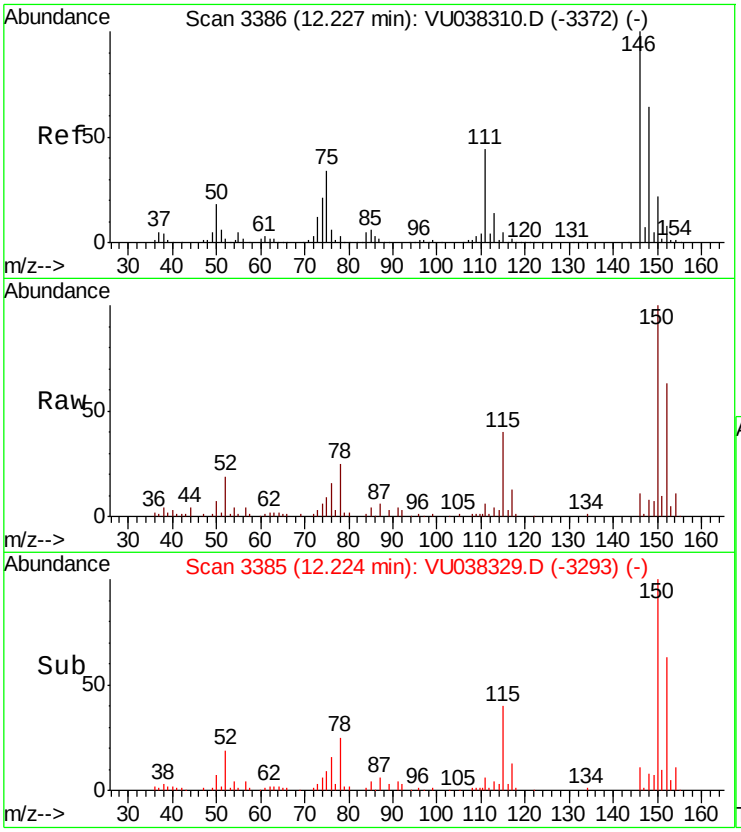


#63
1,4-Dichlorobenzene
Concen: 0.262 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. -0.00 min
Lab File: VU038329.D
Acq: 27 May 2020 18:29

Tgt Ion:146 Resp: 12192

Ion	Ratio	Lower	Upper
146	100		
111	38.5	27.2	50.6
148	65.8	43.8	81.3



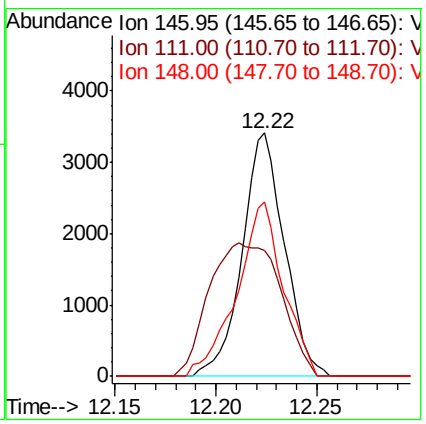


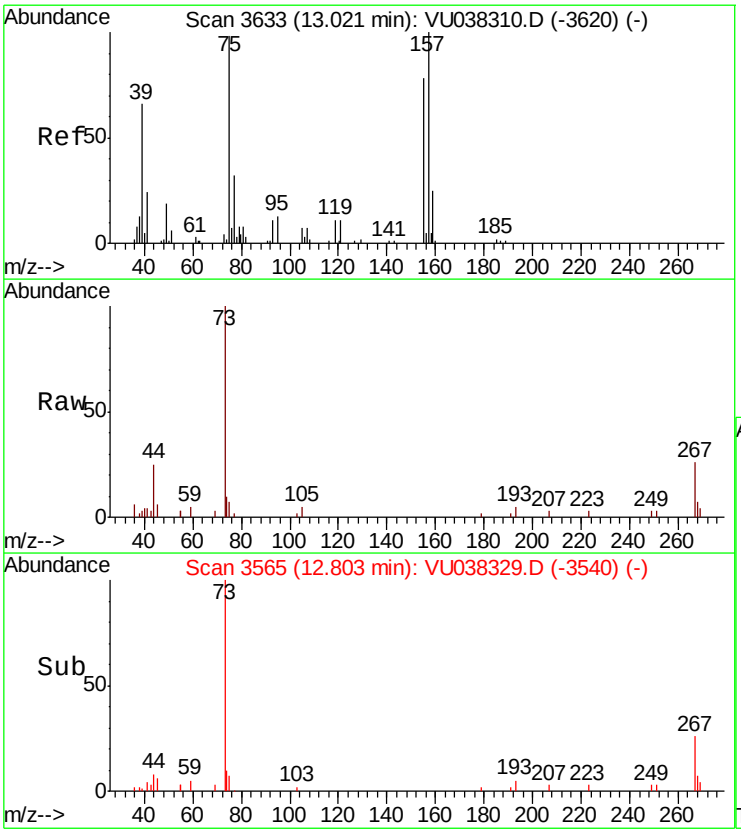
#65
1,2-Dichlorobenzene
Concen: 0.113 ug/L
RT: 12.22 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VU038329.D
Acq: 27 May 2020 18:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 4995

Ion	Ratio	Lower	Upper
146	100		
111	51.5	35.3	52.9
148	71.8	51.0	76.4





#66
1,2-Dibromo-3-chloropropane
Concen: 0.148 ug/L
RT: 12.80 min Scan# 3565
Delta R.T. -0.22 min
Lab File: VU038329.D
Acq: 27 May 2020 18:29

Tgt Ion: 75 Resp: 533

Ion	Ratio	Lower	Upper
75	100		
155	0.0	58.2	87.2#
157	0.0	72.9	109.3#