Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101720\
Data File : VU040773.D
Acq On : 17 Oct 2020 20:04
Operator : SY/MD
Sample : L4423-01
Misc : 25.4mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:09:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	102808	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43615	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	32771	3.85	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.00%			
7) Chloroethane-d5	1.92	69	32508	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.00%			
11) 1,1-Dichloroethene-d2	2.58	63	54207	3.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.00%			
20) 2-Butanone-d5	4.67	46	168525	61.82	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.64%			
24) Chloroform-d	5.08	84	81046	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.40%			
26) 1,2-Dichloroethane-d4	5.72	65	51218	5.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.40%			
32) Benzene-d6	5.74	84	140595	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	6.70	67	52107	5.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.60%			
41) Toluene-d8	7.91	98	105200	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.80%			
43) trans-1,3-Dichloropropene-	8.19	79	19185	4.63	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.60%			
46) 2-Hexanone-d5	8.64	63	113395	53.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.32%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47017	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	46163	5.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.20%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	17416	1.999	ug/L	100
8) Chloroethane	1.95	64	778	0.133	ug/L #	69
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	413	0.048	ug/L #	20
13) Acetone	2.69	43	6034	2.856	ug/L	99
25) Chloroform	5.11	83	2580	0.159	ug/L	79
27) 1,2-Dichloroethane	5.74	62	864	0.075	ug/L #	77
33) Benzene	5.74	78	1241	0.035	ug/L	100
35) Methylcyclohexane	6.70	83	12132	0.941	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6082	0.623	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1328	0.099	ug/L #	28
44) trans-1,3-Dichloropropene	8.19	75	836	0.068	ug/L #	53
48) 2-Hexanone	8.64	43	18241	3.146	ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	5878	0.819	ug/L	94

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

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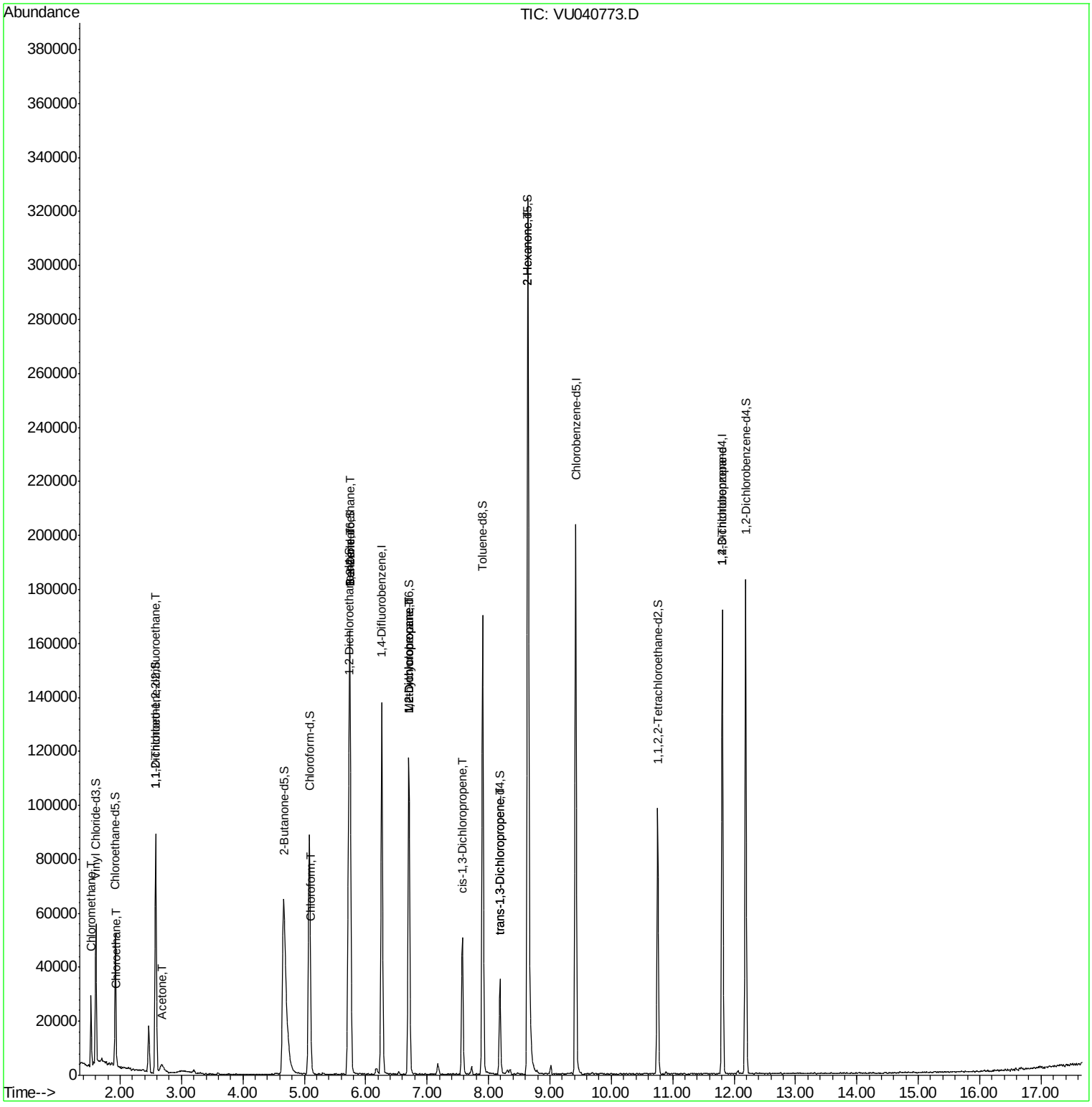
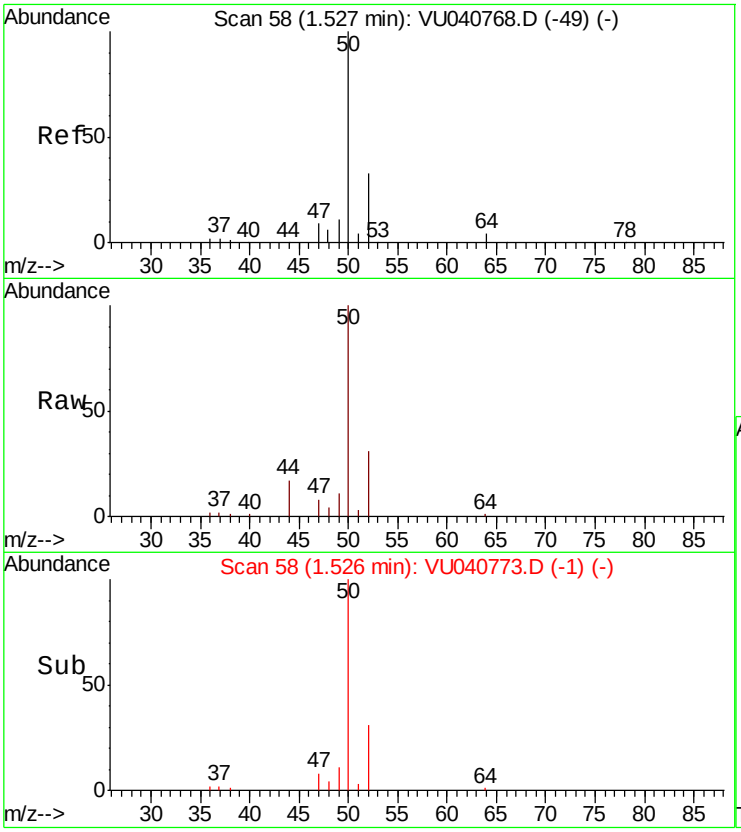
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration



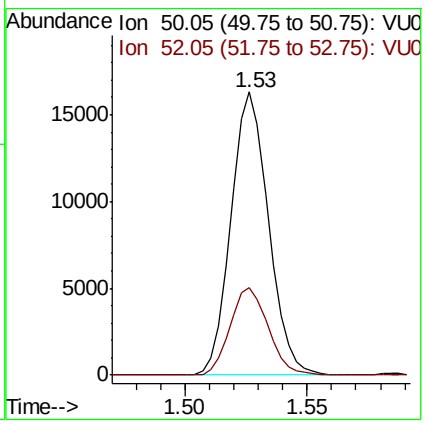


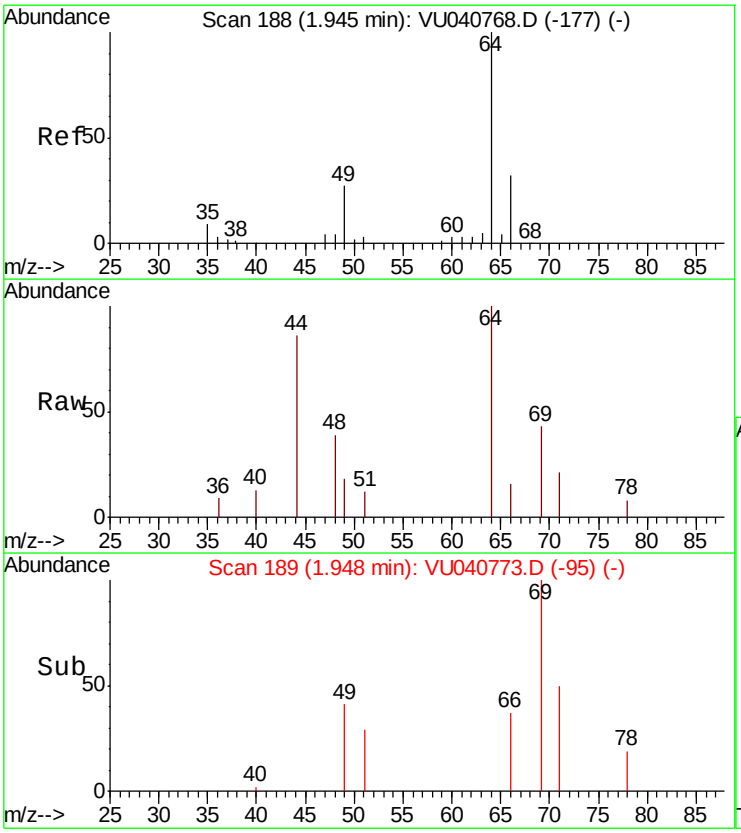
#3
Chloromethane
Concen: 1.999 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040773.D
Acq: 17 Oct 2020 20:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 17416

Ion	Ratio	Lower	Upper
50	100		
52	31.1	21.9	40.7

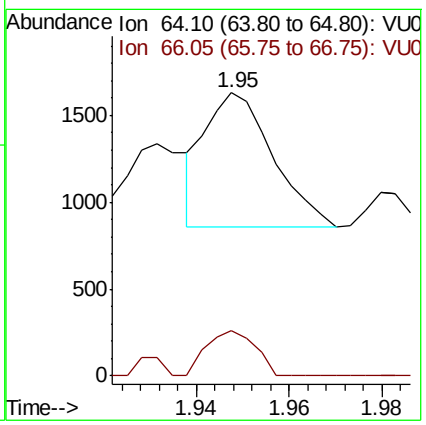


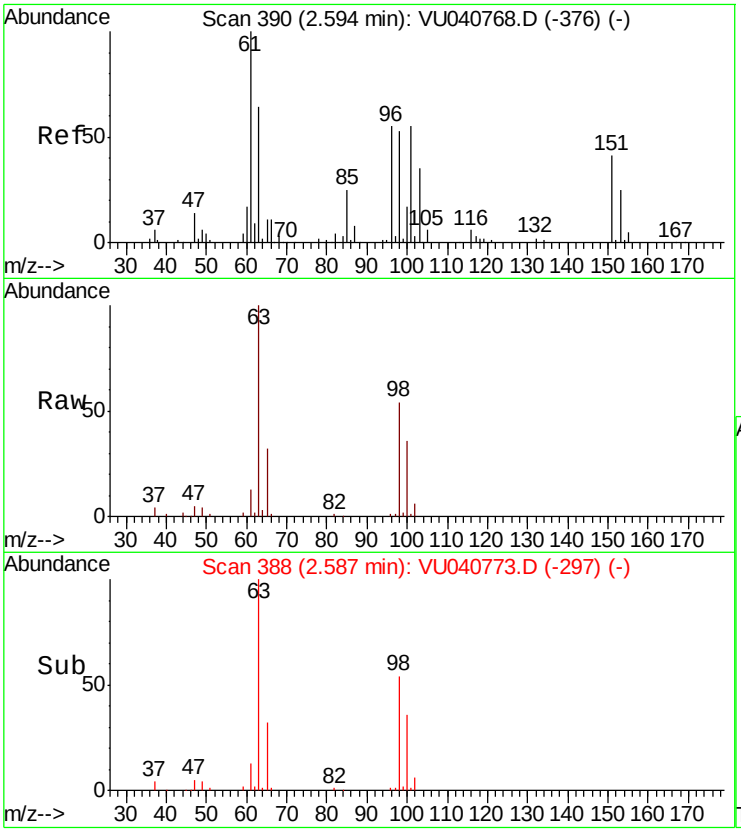


#8
Chloroethane
Concen: 0.133 ug/L
RT: 1.95 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU040773.D
Acq: 17 Oct 2020 20:04

Tgt Ion: 64 Resp: 778

Ion	Ratio	Lower	Upper
64	100		
66	15.8	23.3	43.3#



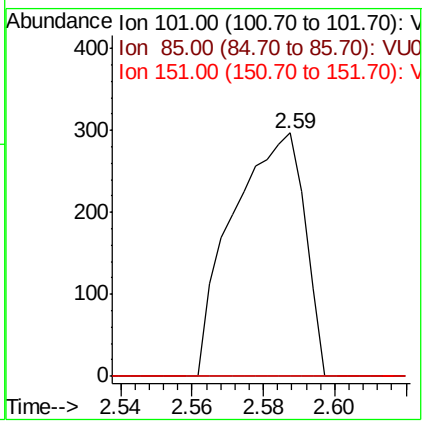


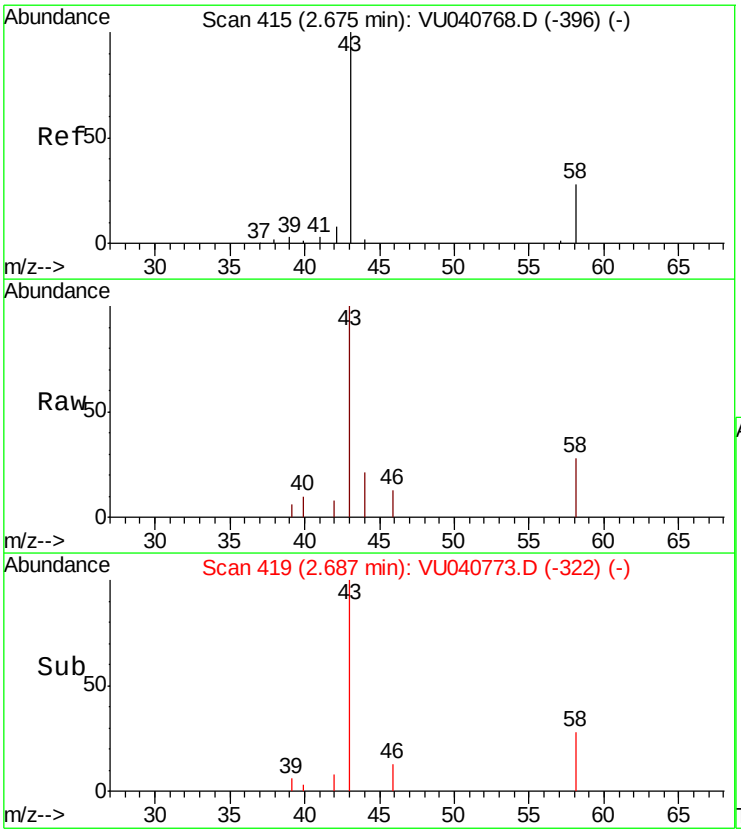
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.048 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.01 min
Lab File: VU040773.D
Acq: 17 Oct 2020 20:04

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 413

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.7	55.1#
151	0.0	58.0	87.0#

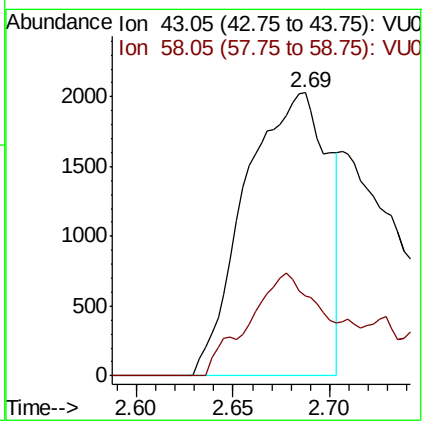


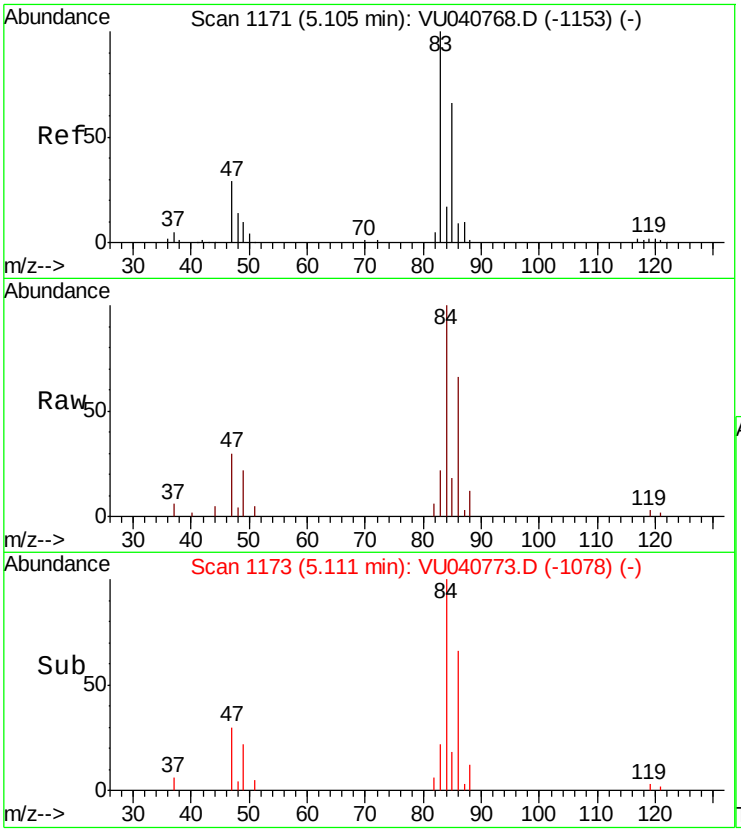


#13
Acetone
Concen: 2.856 ug/L
RT: 2.69 min Scan# 419
Delta R.T. 0.01 min
Lab File: VU040773.D
Acq: 17 Oct 2020 20:04

Tgt Ion: 43 Resp: 6034

Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	60.6



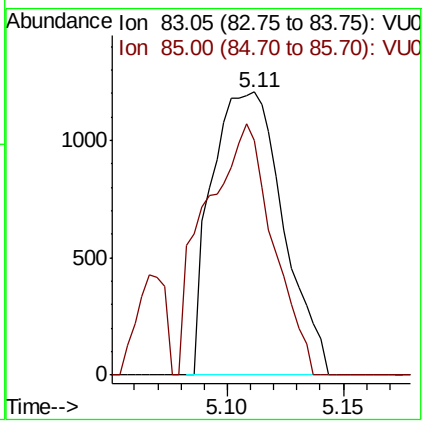


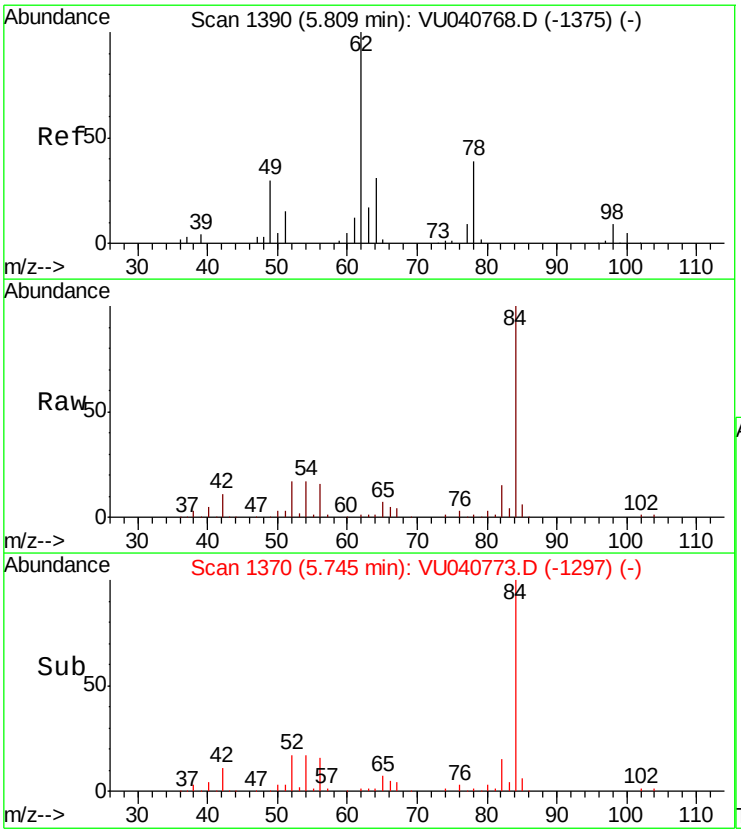
#25
Chloroform
Concen: 0.159 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040773.D
Acq: 17 Oct 2020 20:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 2580

Ion	Ratio	Lower	Upper
83	100		
85	83.1	46.5	86.5

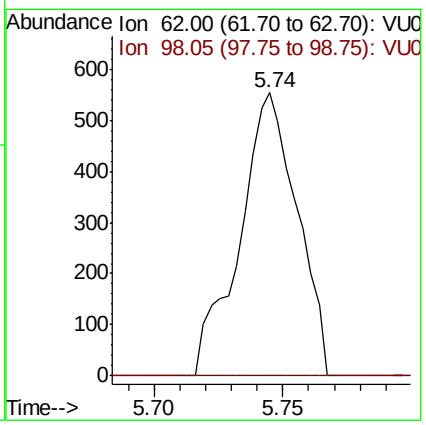


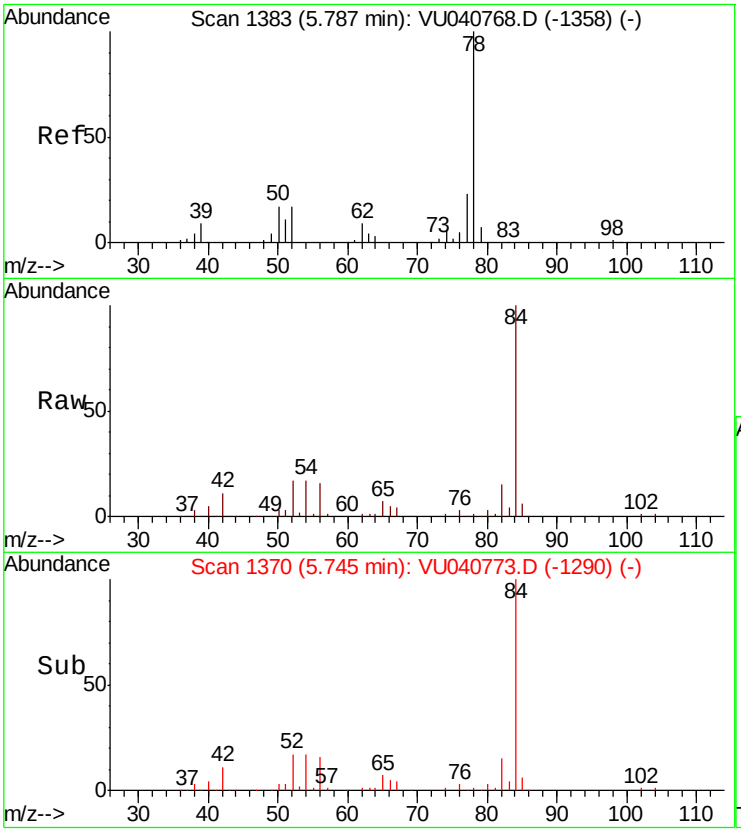


#27
1,2-Dichloroethane
Concen: 0.075 ug/L
RT: 5.74 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU040773.D
Acq: 17 Oct 2020 20:04

Tgt Ion: 62 Resp: 864

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

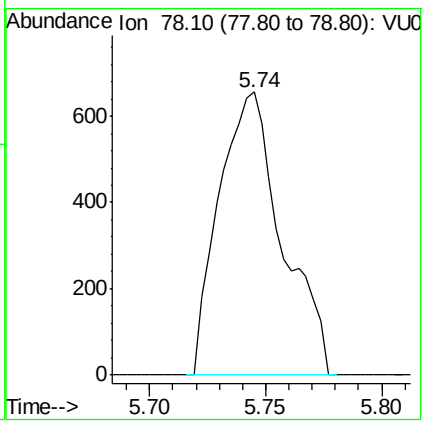


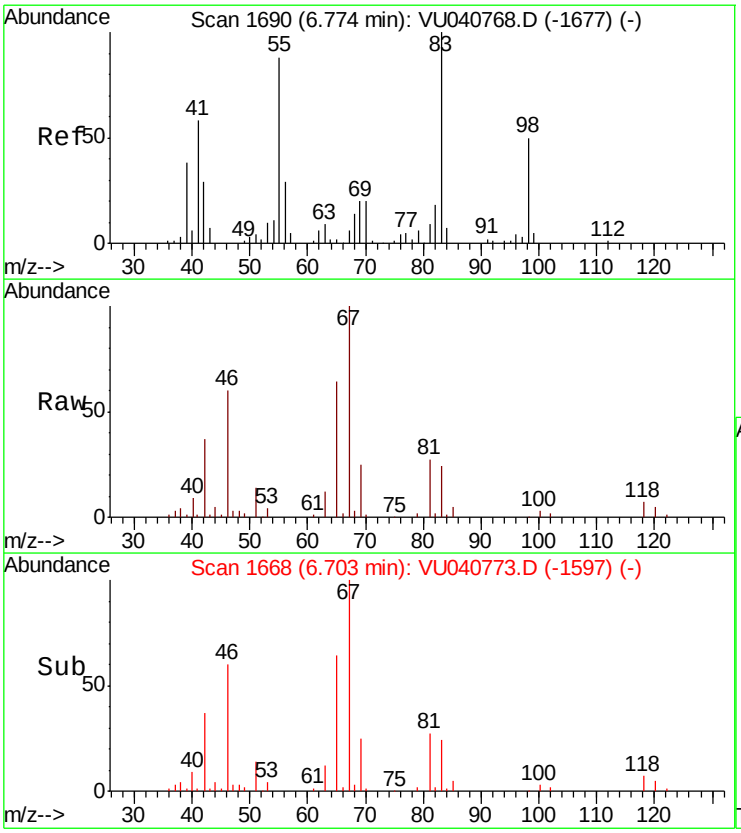


#33
Benzene
Concen: 0.035 ug/L
RT: 5.74 min Scan# 1370
Delta R.T. -0.04 min
Lab File: VU040773.D
Acq: 17 Oct 2020 20:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 1241

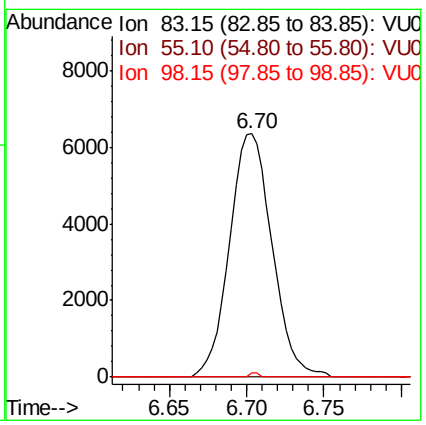


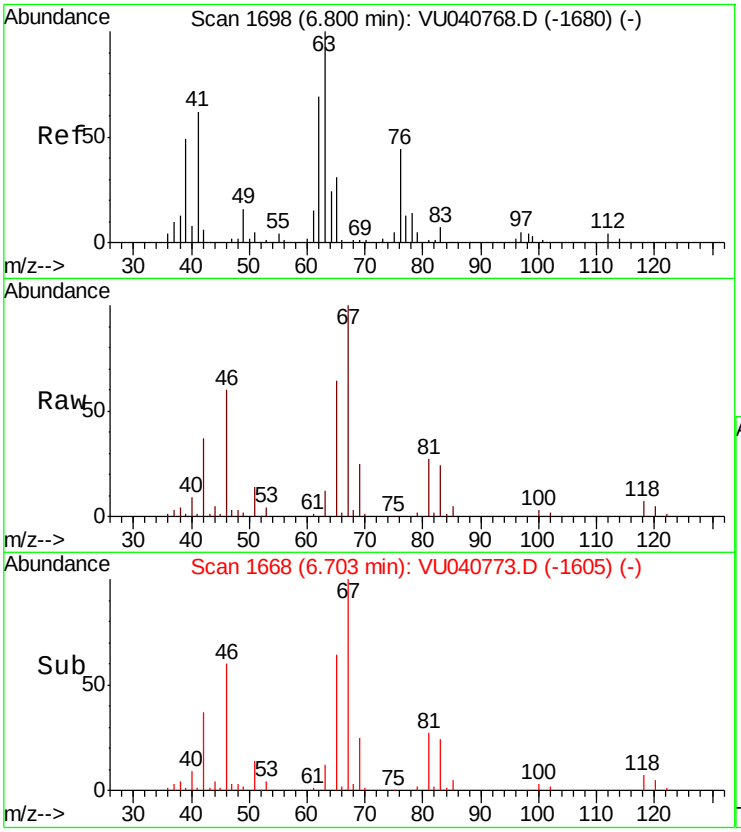


#35
Methylcyclohexane
Concen: 0.941 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040773.D
Acq: 17 Oct 2020 20:04

Tgt Ion: 83 Resp: 12132

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	0.3	38.4	57.6#



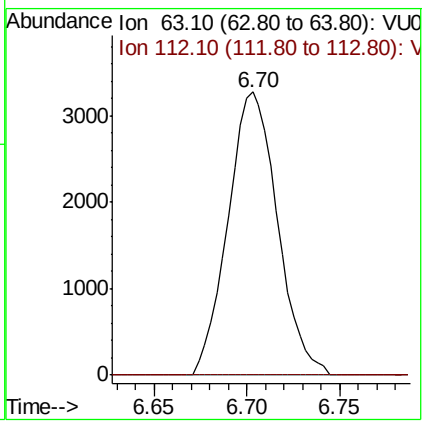


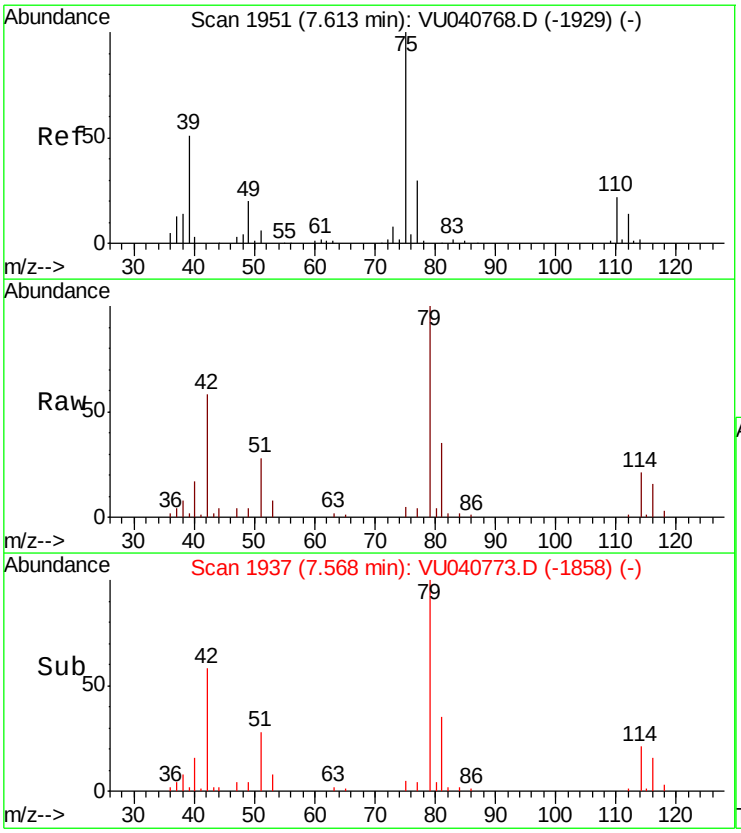
#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040773.D
Acq: 17 Oct 2020 20:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6082

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

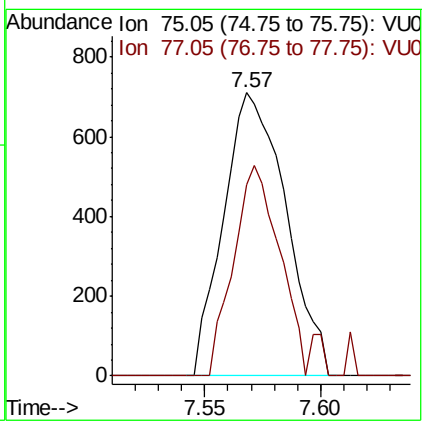


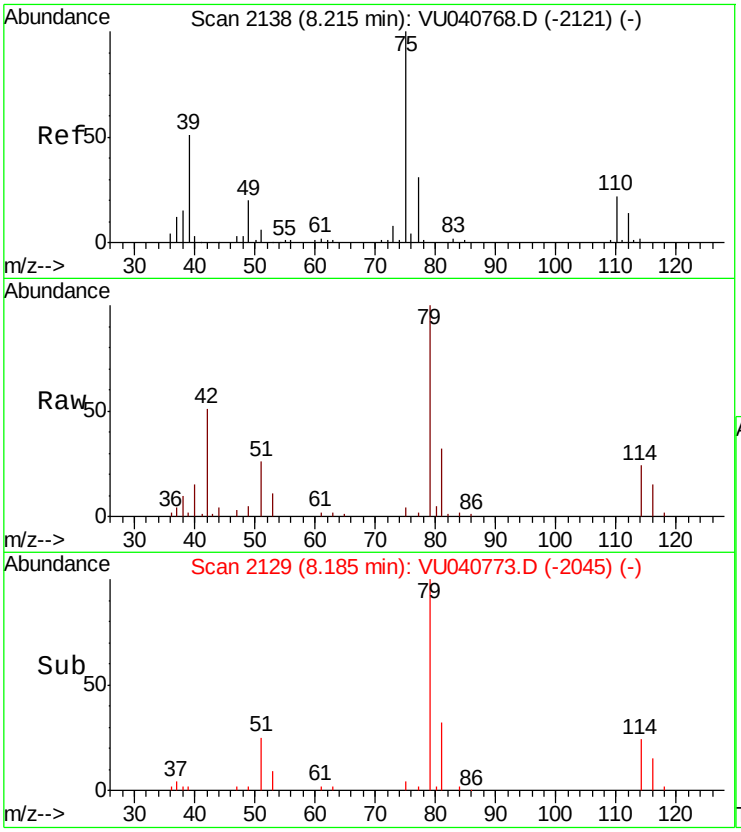


#39
cis-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.57 min Scan# 1937
Delta R.T. -0.05 min
Lab File: VU040773.D
Acq: 17 Oct 2020 20:04

Tgt Ion: 75 Resp: 1328

Ion	Ratio	Lower	Upper
75	100		
77	67.7	20.5	38.1#



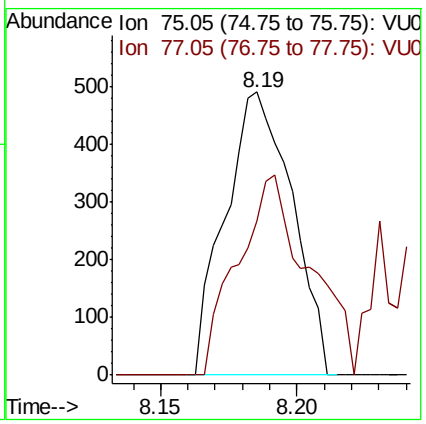


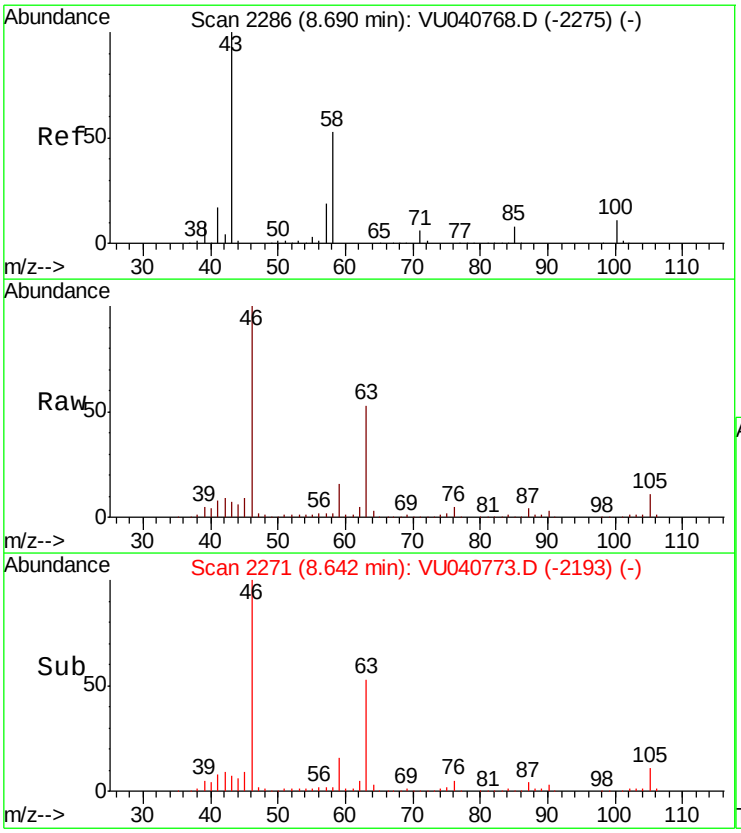
#44
trans-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040773.D
Acq: 17 Oct 2020 20:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 836

Ion	Ratio	Lower	Upper
75	100		
77	54.2	20.4	38.0#

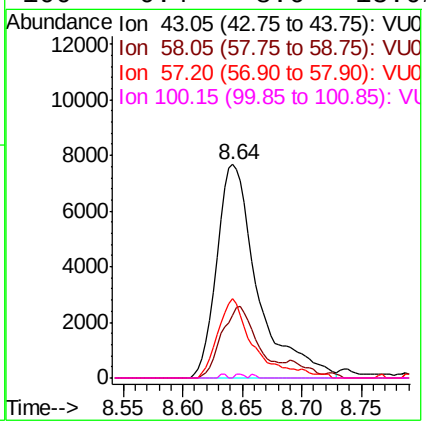


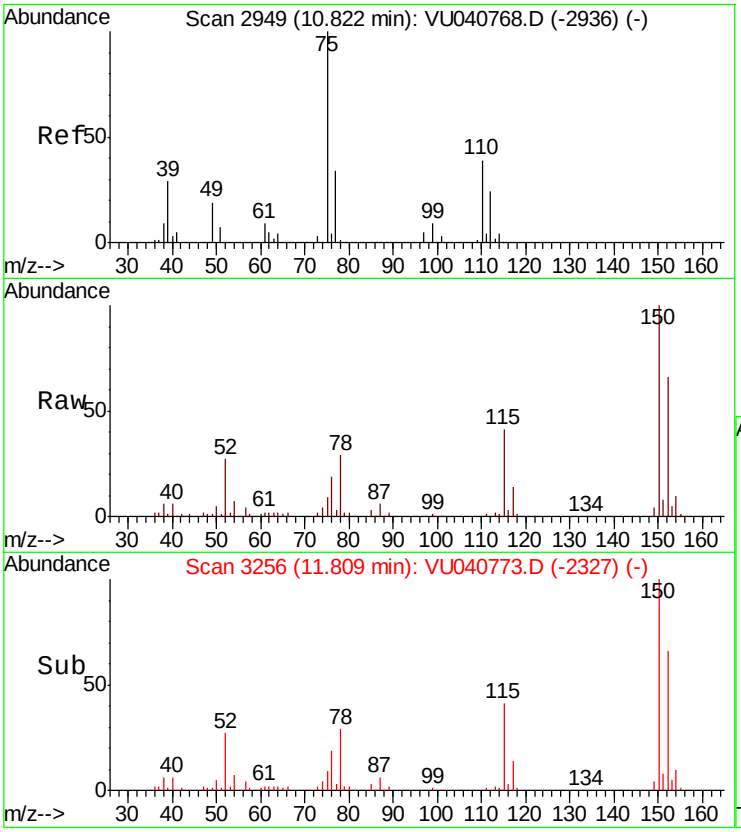


#48
2-Hexanone
Concen: 3.146 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040773.D
Acq: 17 Oct 2020 20:04

Tgt Ion: 43 Resp: 18241

Ion	Ratio	Lower	Upper
43	100		
58	29.4	41.0	61.6#
57	32.4	14.4	21.6#
100	0.4	8.6	13.0#





#59
1,2,3-Trichloropropane
Concen: 0.819 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040773.D
Acq: 17 Oct 2020 20:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 5878

Ion	Ratio	Lower	Upper
75	100		
77	36.6	26.4	39.6