Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101620\
Data File : VU040762.D
Acq On : 16 Oct 2020 21:19
Operator : SY/MD
Sample : L4423-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSF7

Quant Time: Oct 19 01:20:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 01:19:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117795	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125319	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49200	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	34231	3.51	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.20%			
7) Chloroethane-d5	1.92	69	33804	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.80%			
11) 1,1-Dichloroethene-d2	2.58	63	56213	2.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.00%#			
20) 2-Butanone-d5	4.66	46	167002	53.47	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.94%			
24) Chloroform-d	5.08	84	84385	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	5.72	65	52659	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.74	84	144451	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
36) 1,2-Dichloropropane-d6	6.70	67	51360	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.60%			
41) Toluene-d8	7.91	98	111614	3.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.80%			
43) trans-1,3-Dichloropropene-	8.19	79	19405	4.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.60%			
46) 2-Hexanone-d5	8.64	63	110477	45.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.20%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	47677	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	46910	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.80%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	16170	1.620	ug/L	94
8) Chloroethane	1.94	64	1582	0.236	ug/L #	64
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	470	0.048	ug/L #	20
13) Acetone	2.67	43	3404	1.406	ug/L	80
25) Chloroform	5.10	83	2069	0.111	ug/L #	68
27) 1,2-Dichloroethane	5.75	62	936	0.071	ug/L #	77
34) Trichloroethene	6.27	95	2050	0.196	ug/L #	5
35) Methylcyclohexane	6.70	83	12034	0.813	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5816	0.518	ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	1434	0.094	ug/L #	74
44) trans-1,3-Dichloropropene	8.19	75	722	0.051	ug/L #	58
48) 2-Hexanone	8.65	43	15962	2.397	ug/L #	78
59) 1,2,3-Trichloropropane	11.81	75	6245	0.758	ug/L	96

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

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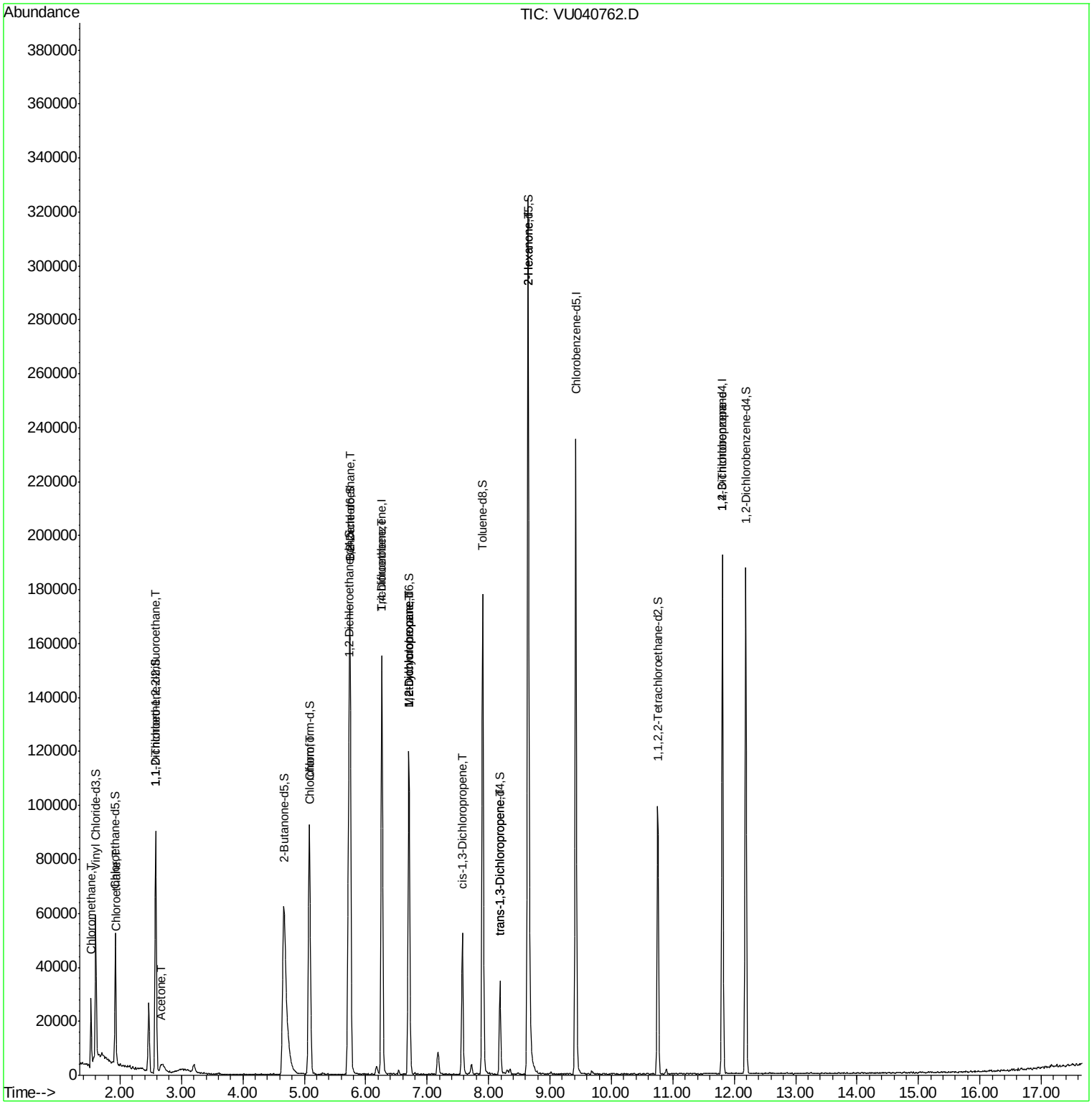
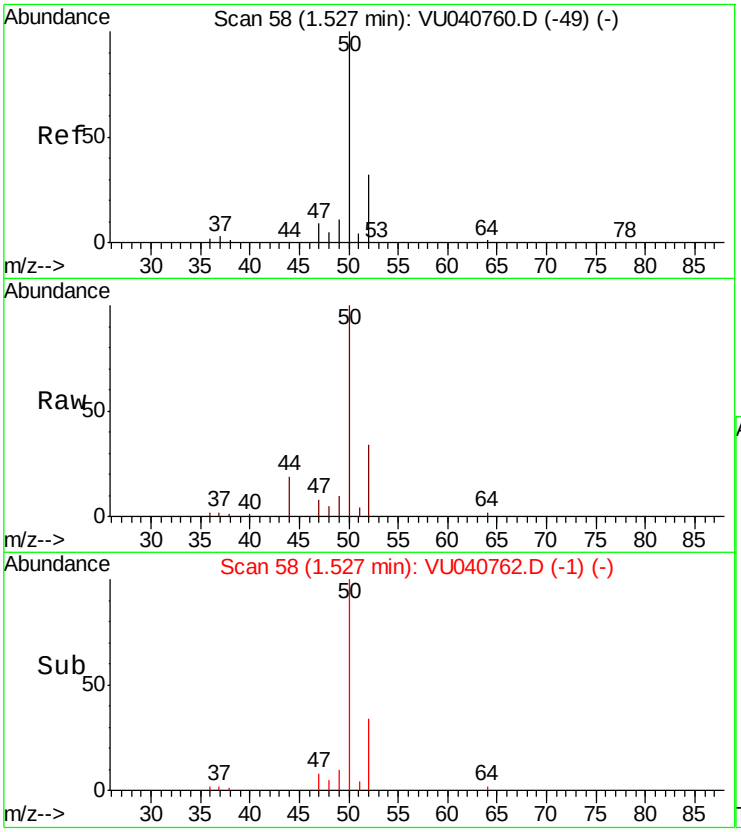
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 01:19:29 2020
Response via : Initial Calibration



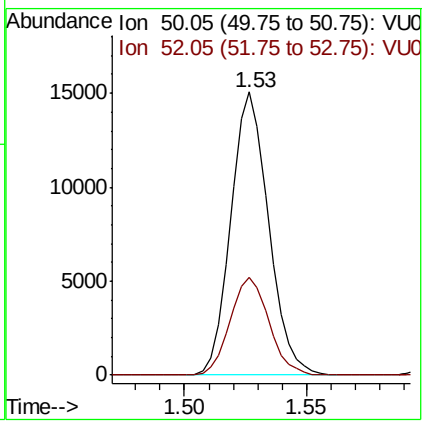


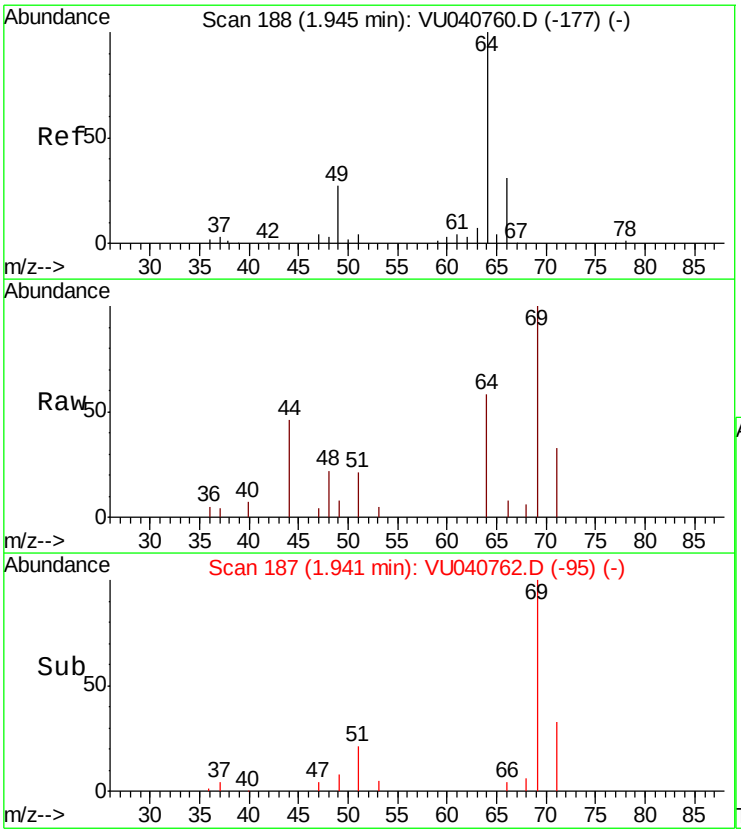
#3
Chloromethane
Concen: 1.620 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU040762.D
Acq: 16 Oct 2020 21:19

Instrument :
MSVOA_U
ClientSampleId :
BFSF7

Tgt Ion: 50 Resp: 16170

Ion	Ratio	Lower	Upper
50	100		
52	34.4	21.9	40.7

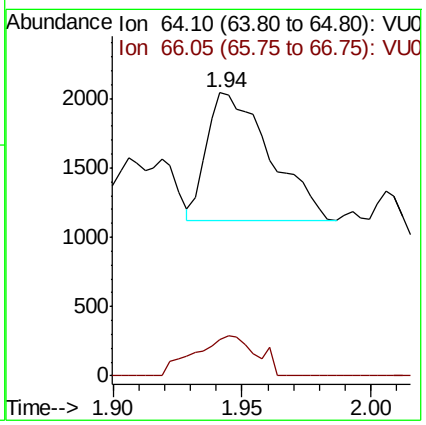


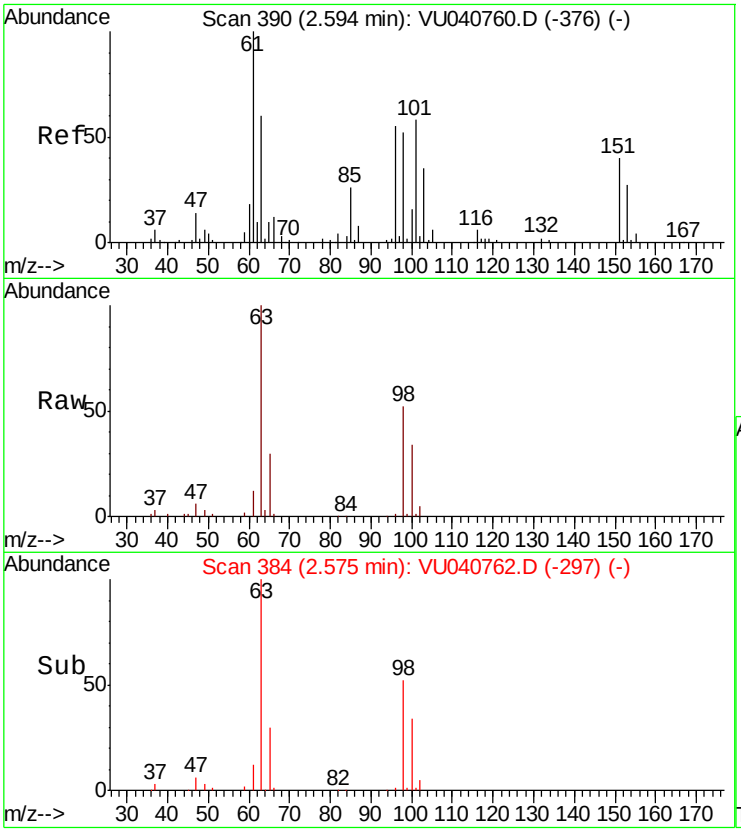


#8
Chloroethane
Concen: 0.236 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU040762.D
Acq: 16 Oct 2020 21:19

Tgt Ion: 64 Resp: 1582

Ion	Ratio	Lower	Upper
64	100		
66	13.0	23.3	43.3#



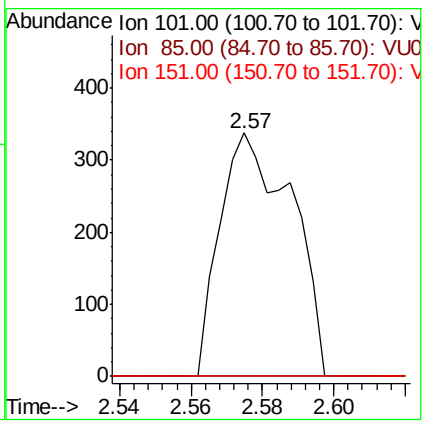


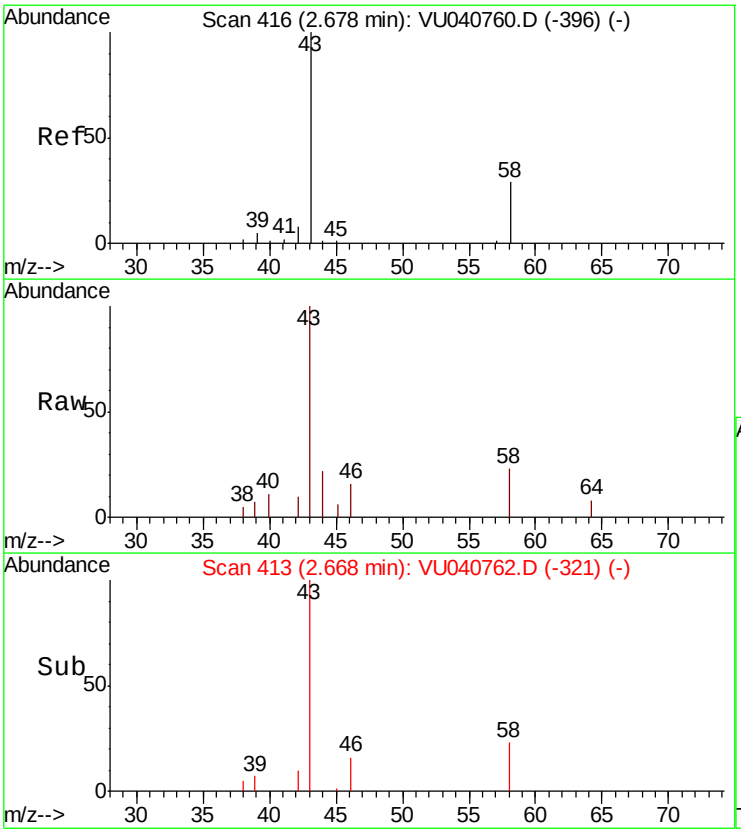
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.048 ug/L
RT: 2.57 min Scan# 384
Delta R.T. -0.02 min
Lab File: VU040762.D
Acq: 16 Oct 2020 21:19

Instrument :
MSVOA_U
ClientSampleId :
BFSF7

Tgt Ion:101 Resp: 470

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

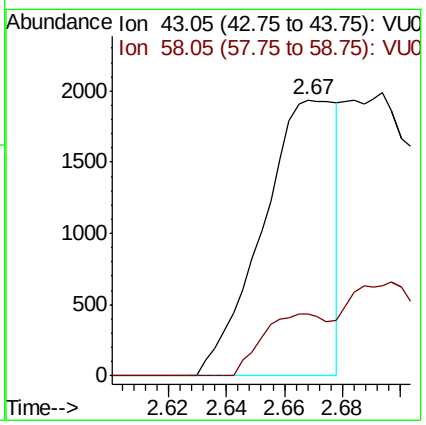


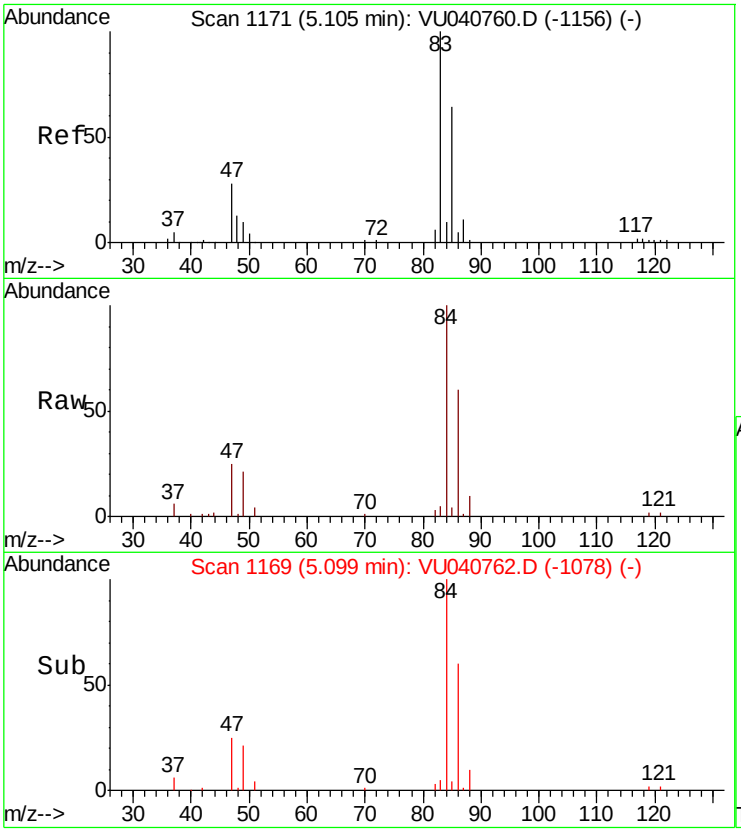


#13
Acetone
Concen: 1.406 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.00 min
Lab File: VU040762.D
Acq: 16 Oct 2020 21:19

Tgt Ion: 43 Resp: 3404

Ion	Ratio	Lower	Upper
43	100		
58	19.2	0.0	60.6



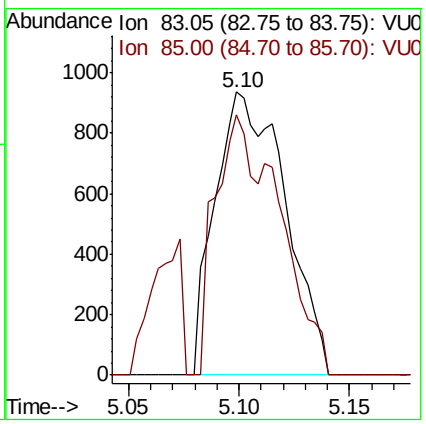


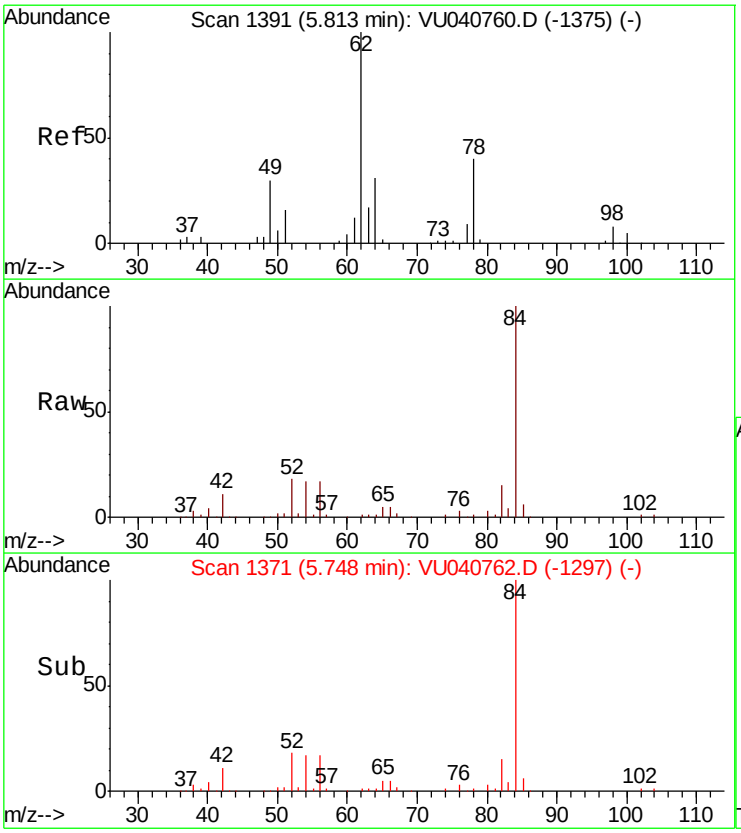
#25
Chloroform
Concen: 0.111 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.01 min
Lab File: VU040762.D
Acq: 16 Oct 2020 21:19

Instrument : MSVOA_U
ClientSampleId : BFSF7

Tgt Ion: 83 Resp: 2069

Ion	Ratio	Lower	Upper
83	100		
85	91.9	46.5	86.5#

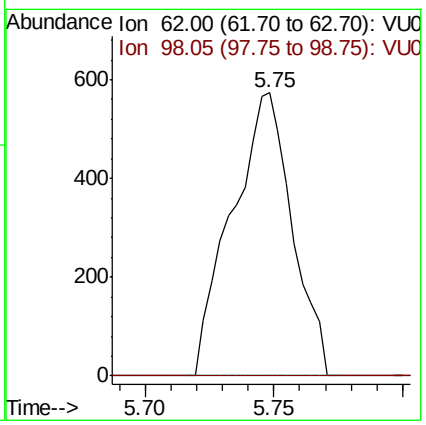


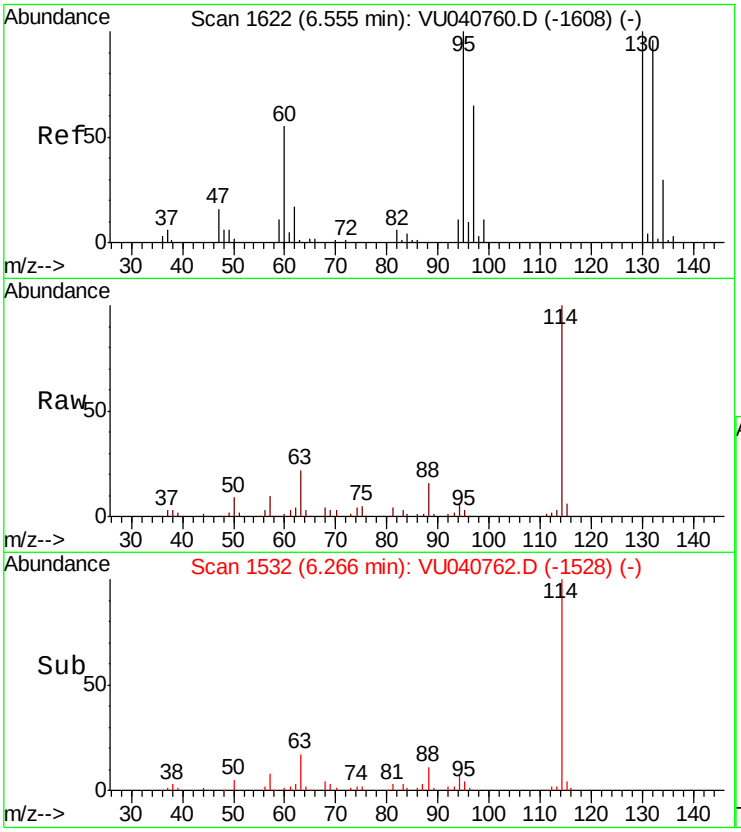


#27
1,2-Dichloroethane
Concen: 0.071 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.06 min
Lab File: VU040762.D
Acq: 16 Oct 2020 21:19

Tgt Ion: 62 Resp: 936

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



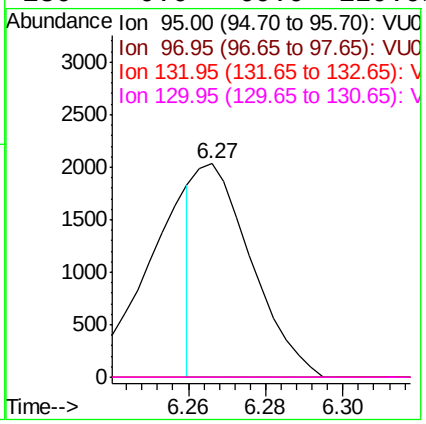


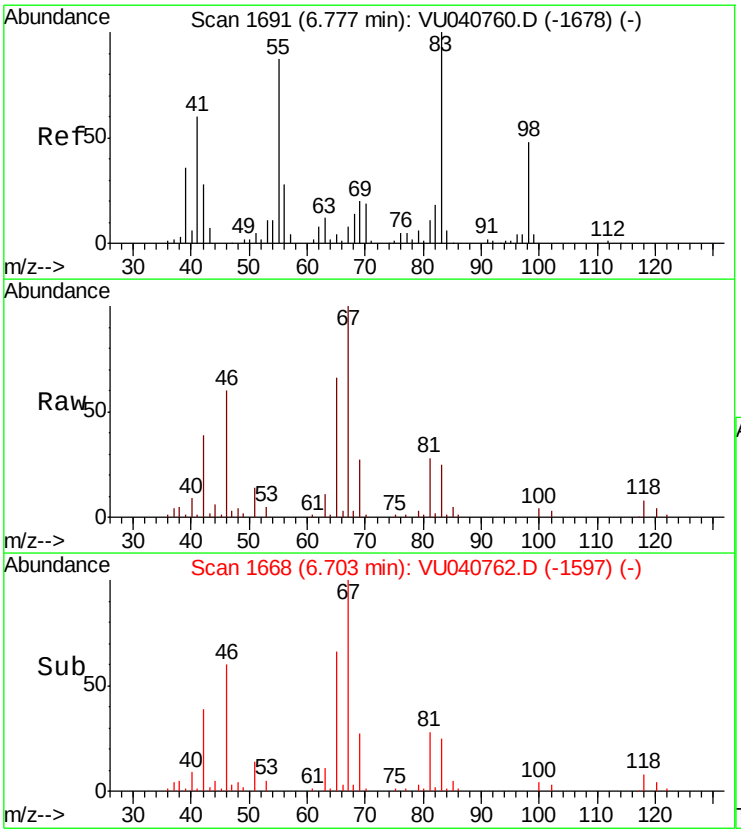
#34
Trichloroethene
Concen: 0.196 ug/L
RT: 6.27 min Scan# 1532
Delta R.T. -0.29 min
Lab File: VU040762.D
Acq: 16 Oct 2020 21:19

Instrument :
MSVOA_U
ClientSampleId :
BFSF7

Tgt Ion: 95 Resp: 2050

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.5	84.5#
132	0.0	67.5	125.4#
130	0.0	69.9	129.9#

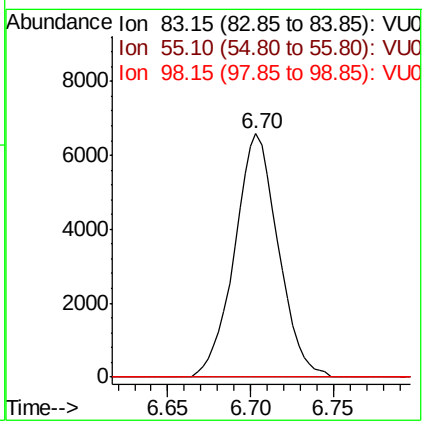


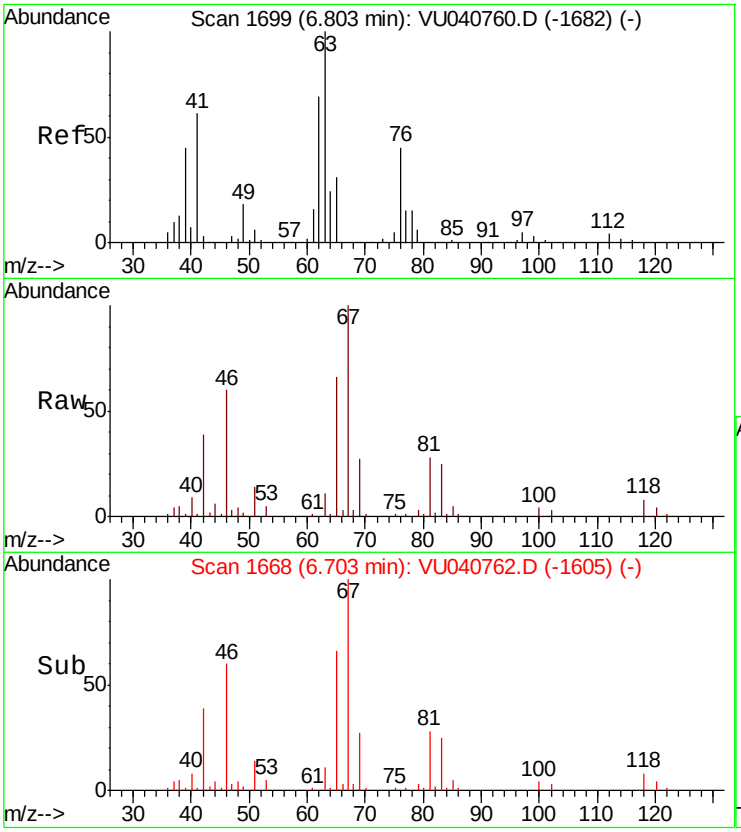


#35
Methylcyclohexane
Concen: 0.813 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040762.D
Acq: 16 Oct 2020 21:19

Tgt Ion: 83 Resp: 12034

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	1.0	38.4	57.6#



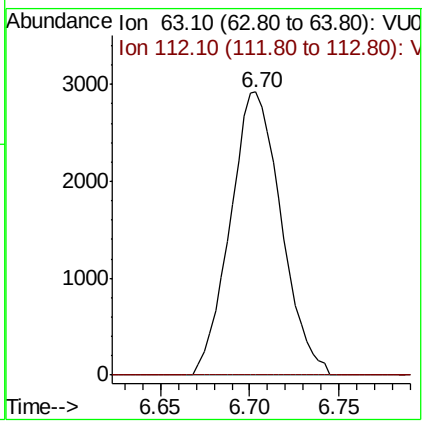


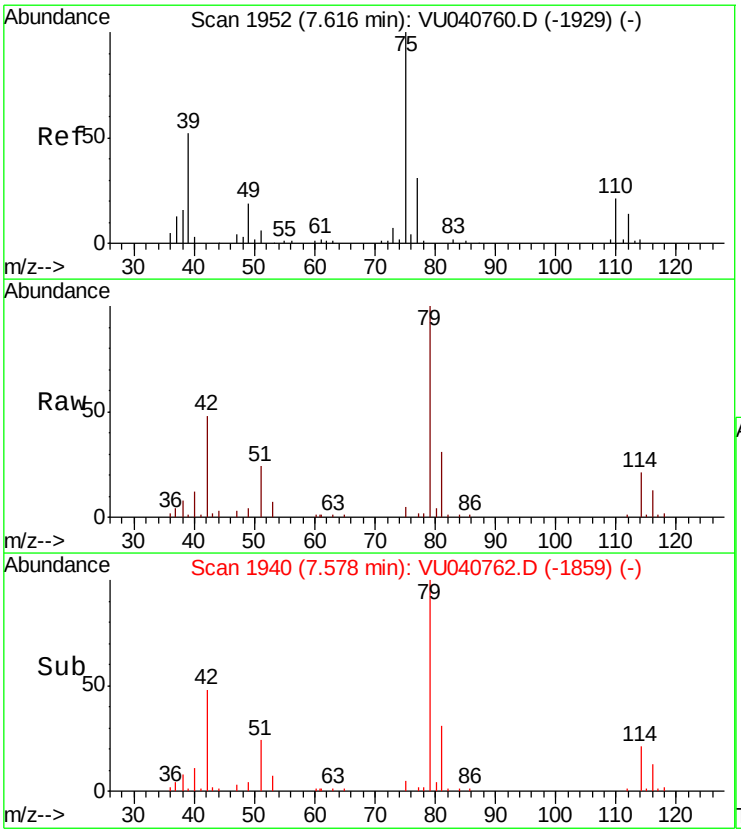
#37
1,2-Dichloropropane
Concen: 0.518 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040762.D
Acq: 16 Oct 2020 21:19

Instrument :
MSVOA_U
ClientSampleId :
BFSF7

Tgt Ion: 63 Resp: 5816

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

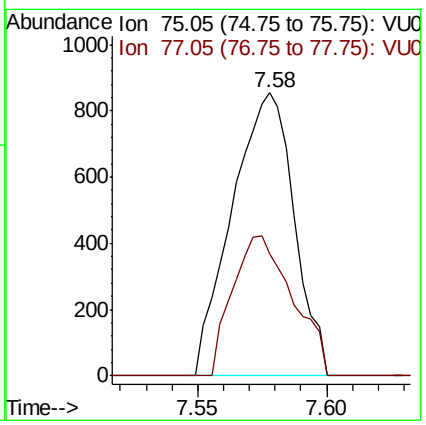


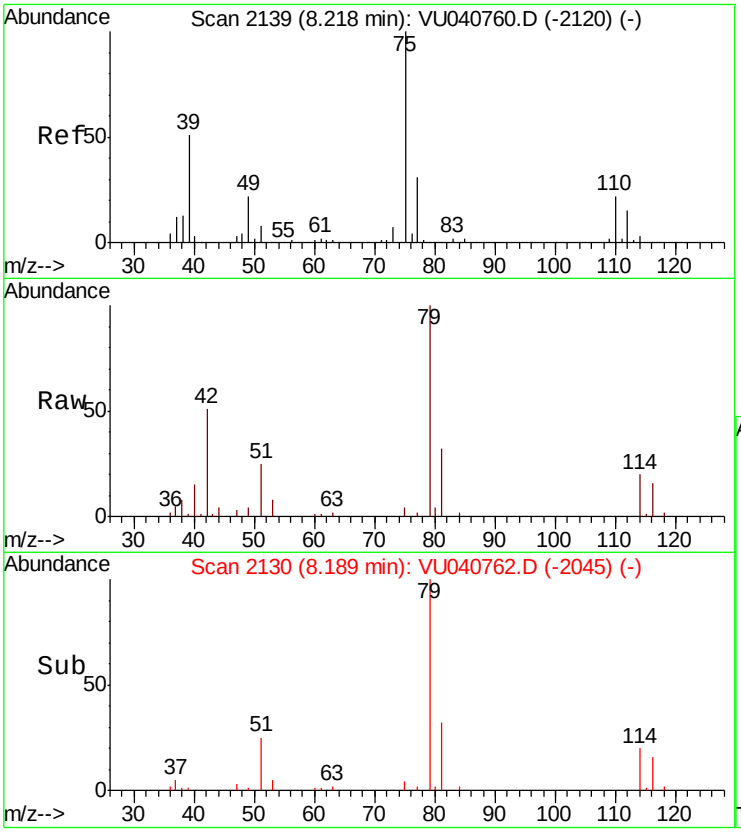


#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU040762.D
Acq: 16 Oct 2020 21:19

Tgt Ion: 75 Resp: 1434

Ion	Ratio	Lower	Upper
75	100		
77	43.3	20.5	38.1#



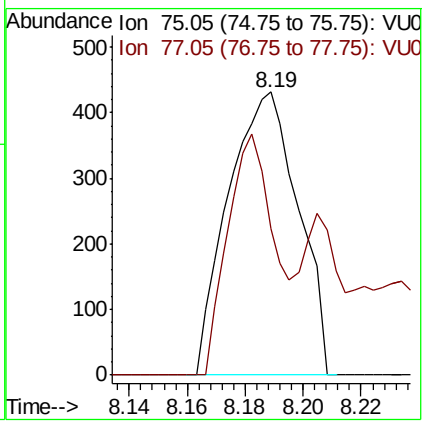


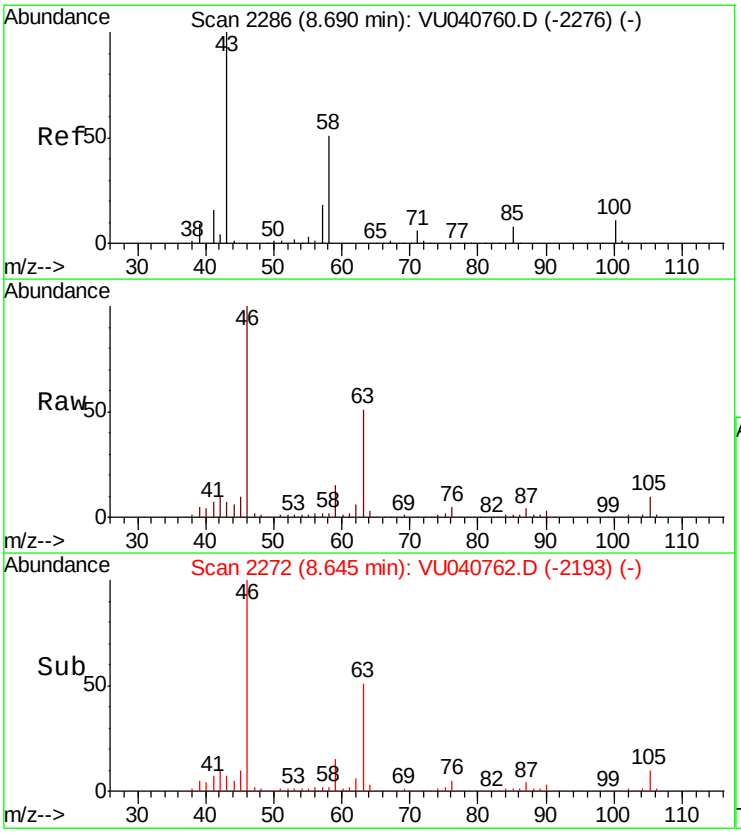
#44
trans-1,3-Dichloropropene
Concen: 0.051 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040762.D
Acq: 16 Oct 2020 21:19

Instrument : MSVOA_U
ClientSampleId : BFSF7

Tgt Ion: 75 Resp: 722

Ion	Ratio	Lower	Upper
75	100		
77	51.9	20.4	38.0#

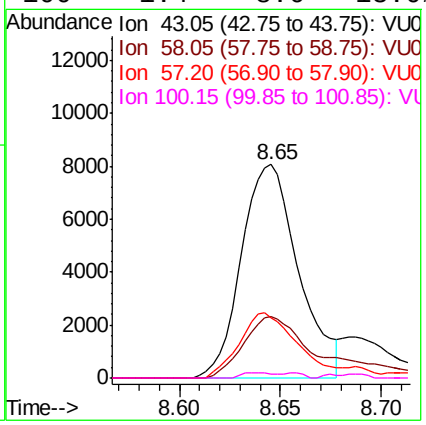


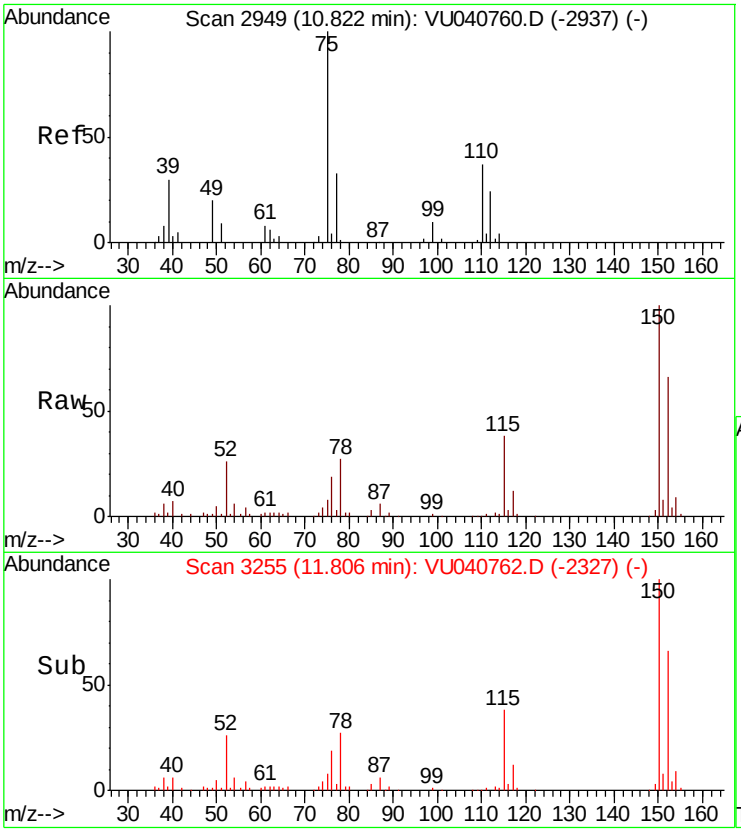


#48
2-Hexanone
Concen: 2.397 ug/L
RT: 8.65 min Scan# 2272
Delta R.T. -0.04 min
Lab File: VU040762.D
Acq: 16 Oct 2020 21:19

Tgt Ion: 43 Resp: 15962

Ion	Ratio	Lower	Upper
43	100		
58	38.6	41.0	61.6#
57	31.6	14.4	21.6#
100	1.4	8.6	13.0#





#59
1,2,3-Trichloropropane
Concen: 0.758 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040762.D
Acq: 16 Oct 2020 21:19

Instrument :
MSVOA_U
ClientSampleId :
BFSF7

Tgt Ion: 75 Resp: 6245

Ion	Ratio	Lower	Upper
75	100		
77	35.3	26.4	39.6