Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101720\
Data File : VU040771.D
Acq On : 17 Oct 2020 18:56
Operator : SY/MD
Sample : L4421-11
Misc : 25.1mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:09:35 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	118538	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122869	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51423	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	33932	3.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.00%			
7) Chloroethane-d5	1.93	69	33847	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.40%			
11) 1,1-Dichloroethene-d2	2.58	63	56313	2.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.60%#			
20) 2-Butanone-d5	4.66	46	168449	53.59	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.18%			
24) Chloroform-d	5.08	84	84700	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.72	65	54140	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
32) Benzene-d6	5.74	84	147851	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
36) 1,2-Dichloropropane-d6	6.70	67	53301	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.91	98	111919	3.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.40%			
43) trans-1,3-Dichloropropene-	8.19	79	19188	4.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.40%			
46) 2-Hexanone-d5	8.64	63	114466	47.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.32%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47974	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	50127	5.26	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.20%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	12545	1.249	ug/L	95
8) Chloroethane	1.95	64	725	0.108	ug/L #	62
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	434	0.044	ug/L #	20
13) Acetone	2.66	43	4595	1.886	ug/L #	26
14) Carbon disulfide	2.81	76	3955	0.167	ug/L	98
25) Chloroform	5.11	83	2544	0.136	ug/L	82
35) Methylcyclohexane	6.70	83	12678	0.874	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6230	0.566	ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	1497	0.100	ug/L #	81
44) trans-1,3-Dichloropropene	8.19	75	1005	0.073	ug/L #	71
48) 2-Hexanone	8.64	43	15733	2.410	ug/L #	78
59) 1,2,3-Trichloropropane	11.81	75	7021	0.869	ug/L	97
69) Naphthalene	14.08	128	878	0.058	ug/L #	69

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

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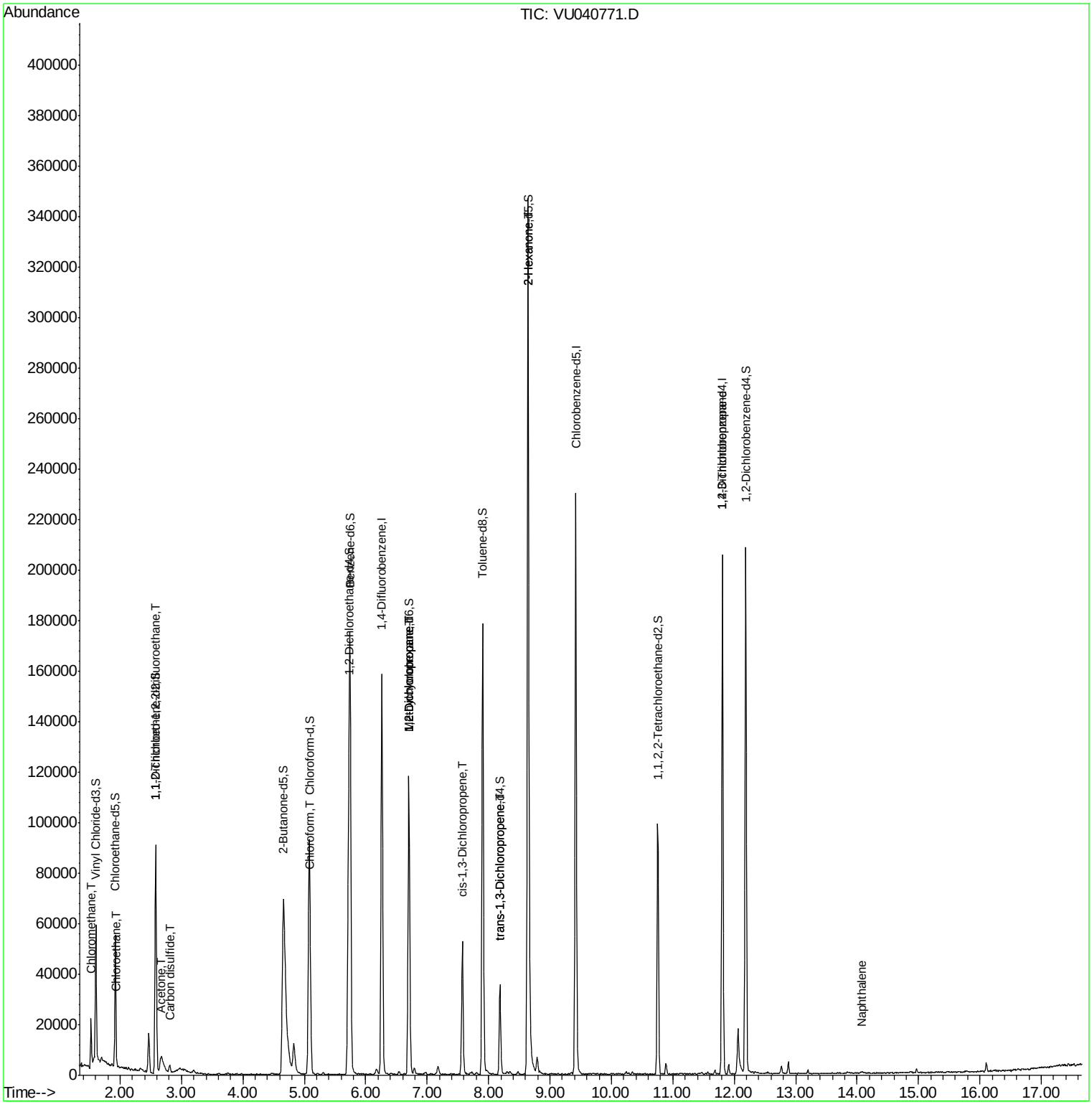
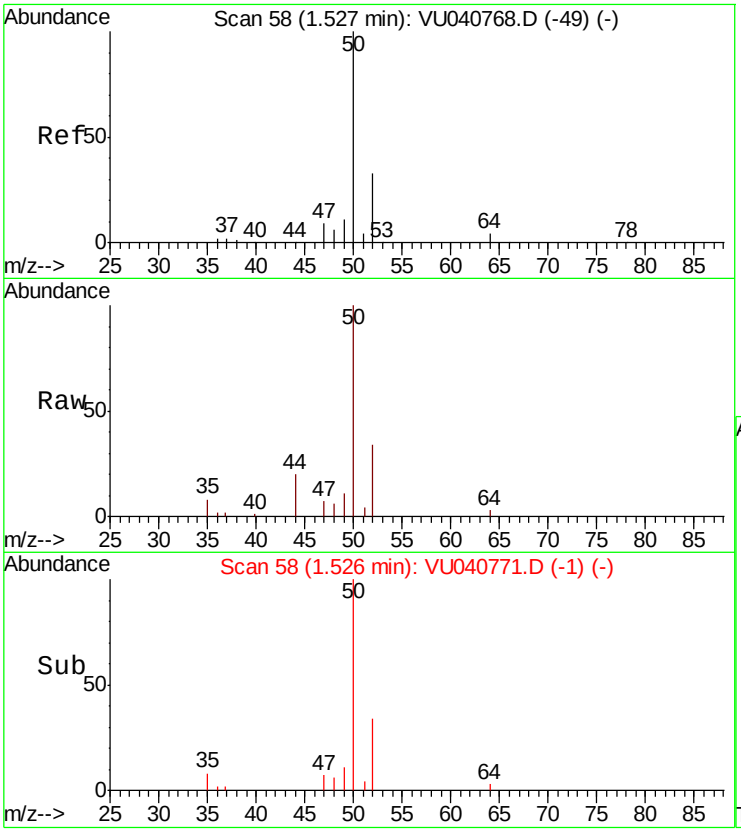
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration



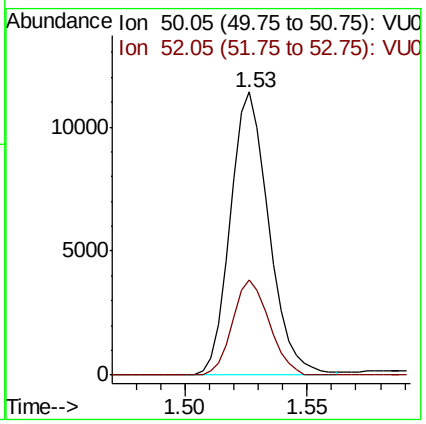


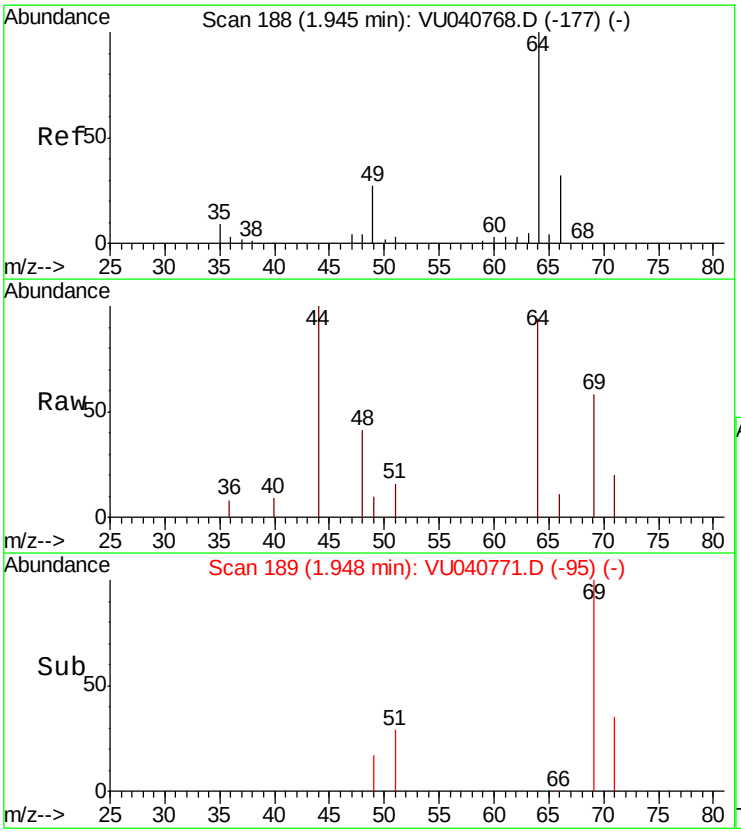
#3
Chloromethane
Concen: 1.249 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040771.D
Acq: 17 Oct 2020 18:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 12545

Ion	Ratio	Lower	Upper
50	100		
52	33.9	21.9	40.7

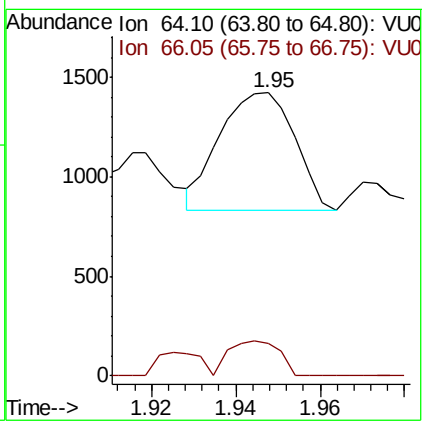


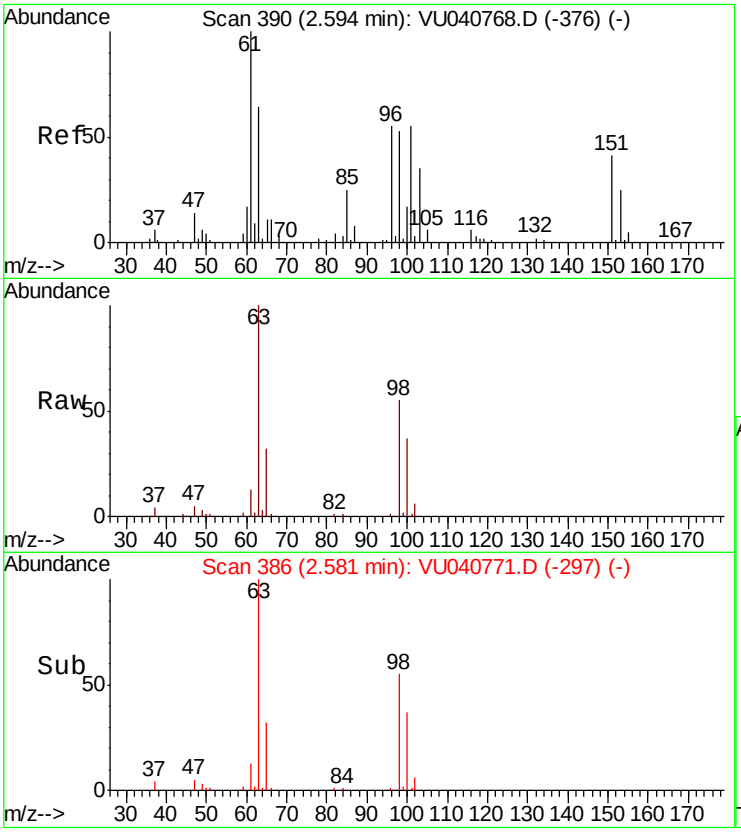


#8
Chloroethane
Concen: 0.108 ug/L
RT: 1.95 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU040771.D
Acq: 17 Oct 2020 18:56

Tgt Ion: 64 Resp: 725

Ion	Ratio	Lower	Upper
64	100		
66	11.6	23.3	43.3#



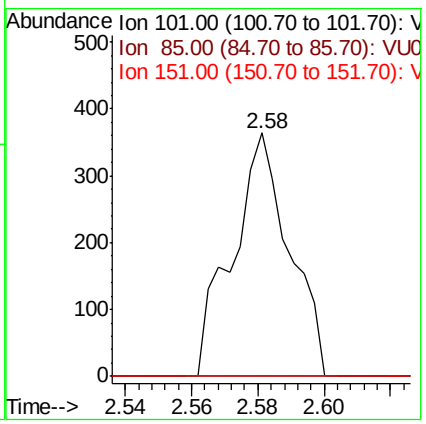


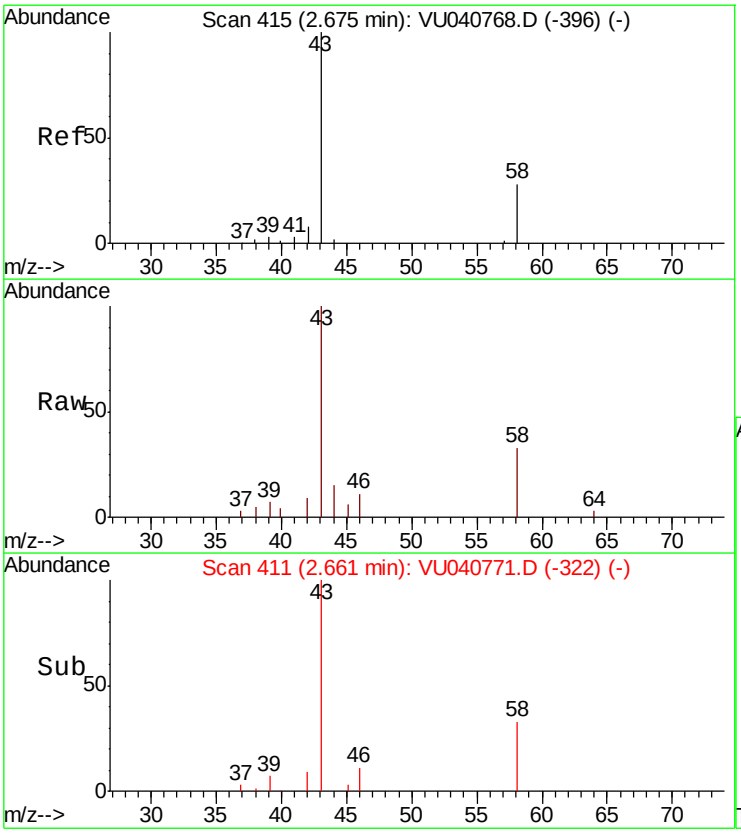
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.044 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU040771.D
Acq: 17 Oct 2020 18:56

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 434

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

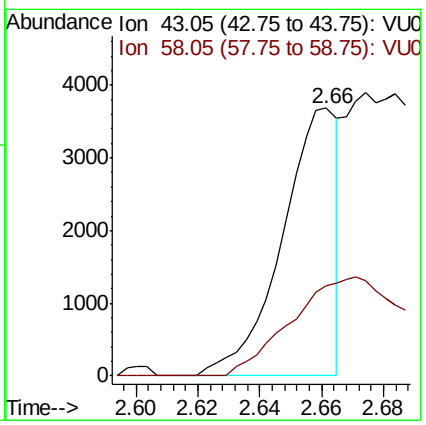


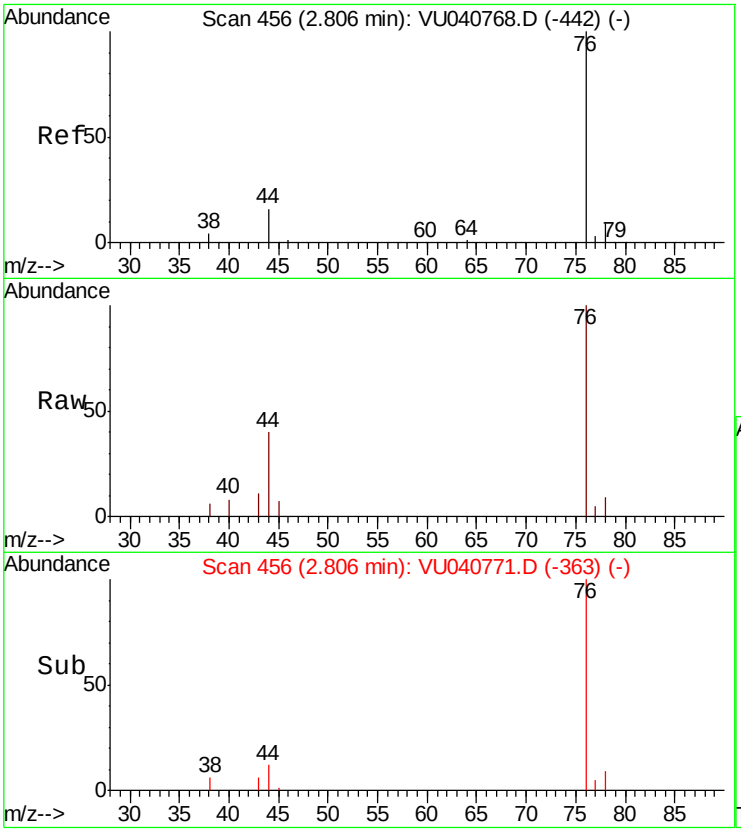


#13
Acetone
Concen: 1.886 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU040771.D
Acq: 17 Oct 2020 18:56

Tgt Ion: 43 Resp: 4595

Ion	Ratio	Lower	Upper
43	100		
58	70.3	0.0	60.6#



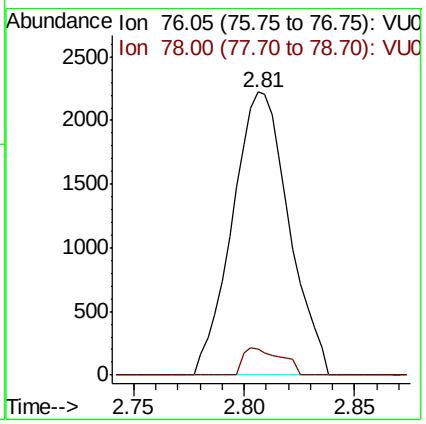


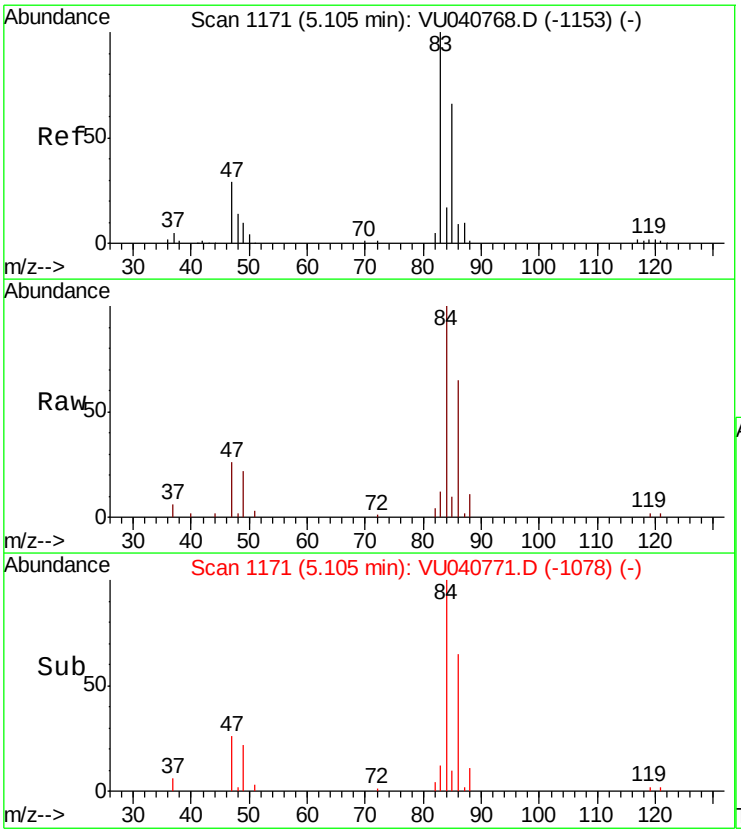
#14
Carbon disulfide
Concen: 0.167 ug/L
RT: 2.81 min Scan# 456
Delta R.T. -0.00 min
Lab File: VU040771.D
Acq: 17 Oct 2020 18:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 76 Resp: 3955

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.8	10.2

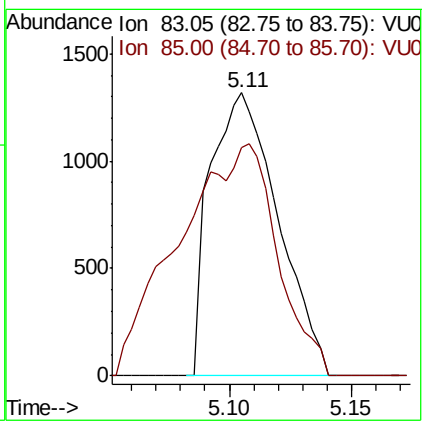


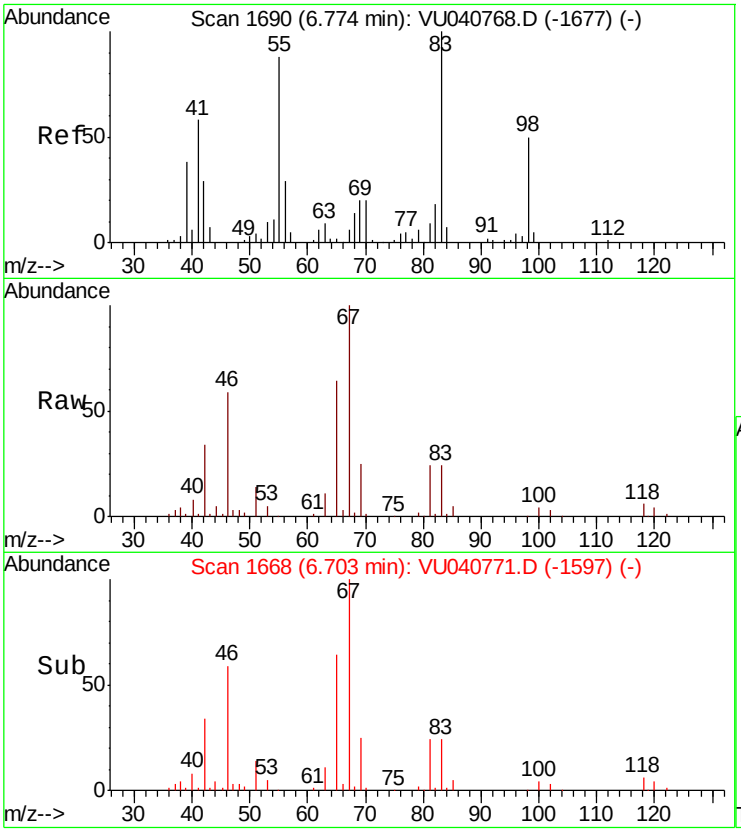


#25
Chloroform
Concen: 0.136 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040771.D
Acq: 17 Oct 2020 18:56

Tgt Ion: 83 Resp: 2544

Ion	Ratio	Lower	Upper
83	100		
85	80.7	46.5	86.5



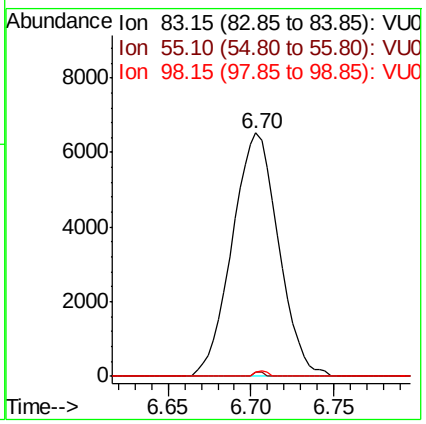


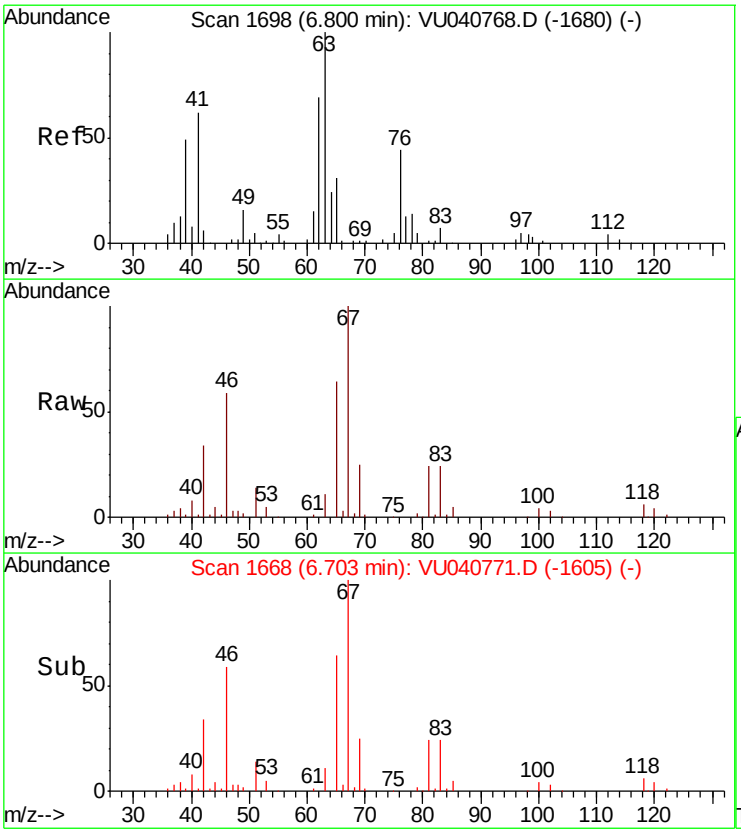
#35
Methylcyclohexane
Concen: 0.874 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040771.D
Acq: 17 Oct 2020 18:56

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 12678

Ion	Ratio	Lower	Upper
83	100		
55	0.3	70.7	106.1#
98	0.6	38.4	57.6#

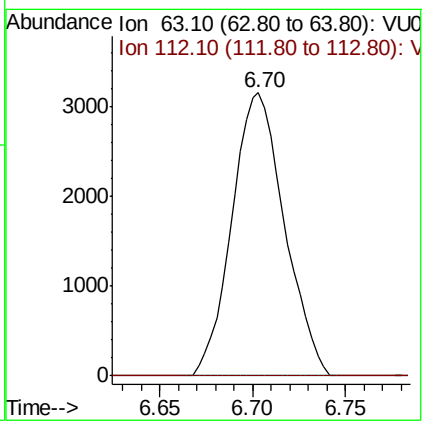


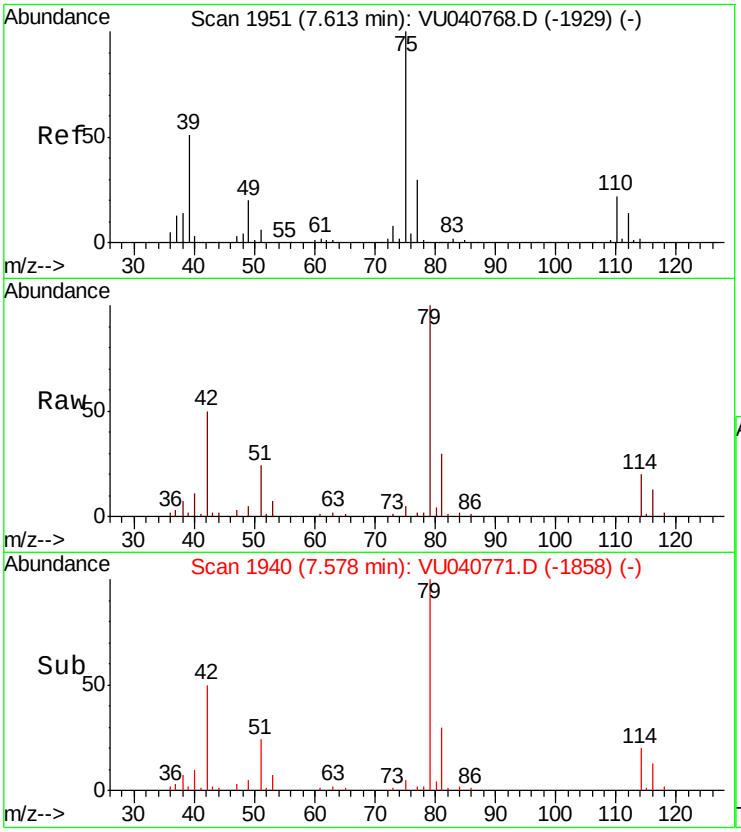


#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040771.D
Acq: 17 Oct 2020 18:56

Tgt Ion: 63 Resp: 6230

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



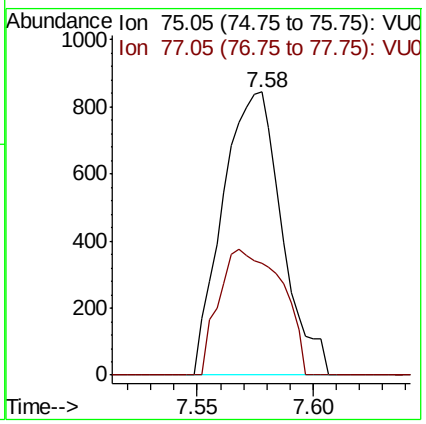


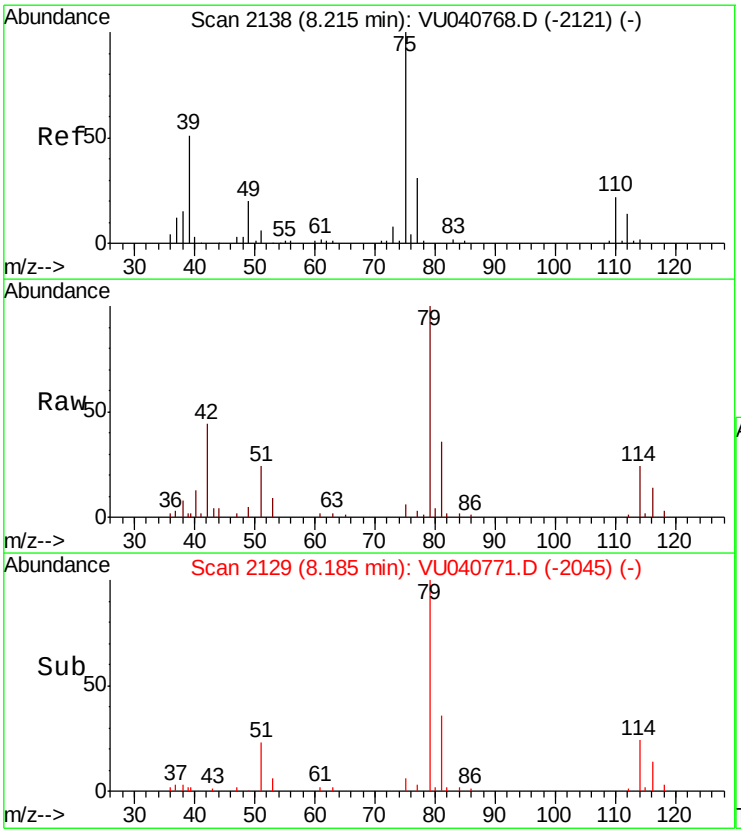
#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU040771.D
Acq: 17 Oct 2020 18:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1497

Ion	Ratio	Lower	Upper
75	100		
77	39.6	20.5	38.1#

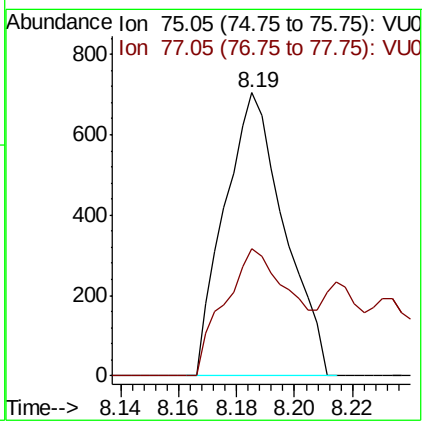


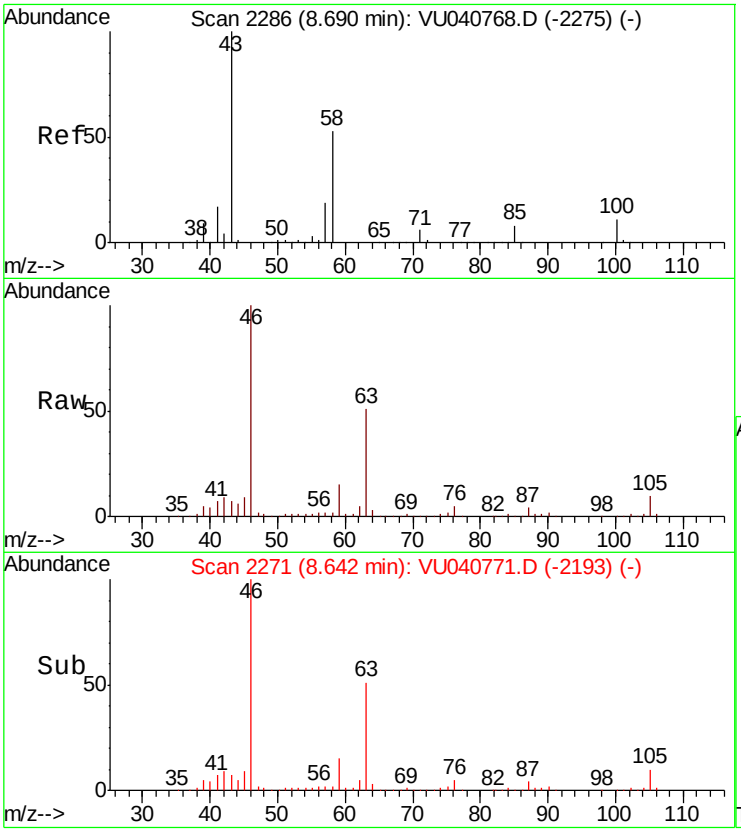


#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040771.D
Acq: 17 Oct 2020 18:56

Tgt Ion: 75 Resp: 1005

Ion	Ratio	Lower	Upper
75	100		
77	44.9	20.4	38.0#



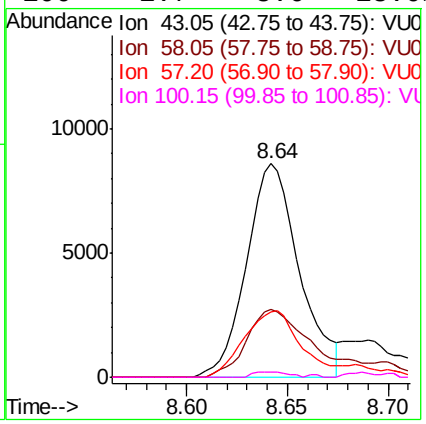


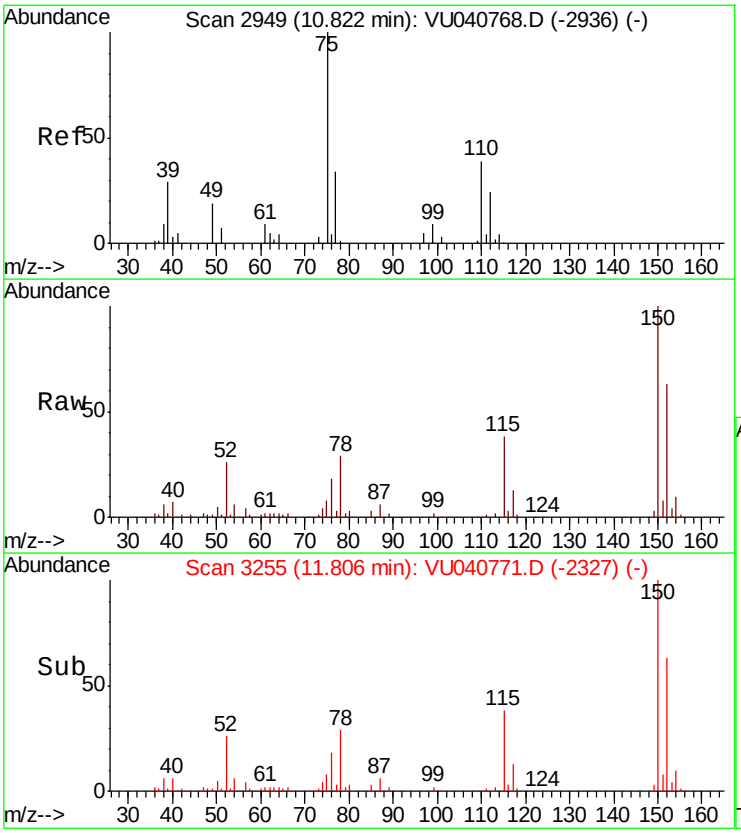
#48
2-Hexanone
Concen: 2.410 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040771.D
Acq: 17 Oct 2020 18:56

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 15733

Ion	Ratio	Lower	Upper
43	100		
58	39.8	41.0	61.6#
57	33.3	14.4	21.6#
100	1.7	8.6	13.0#

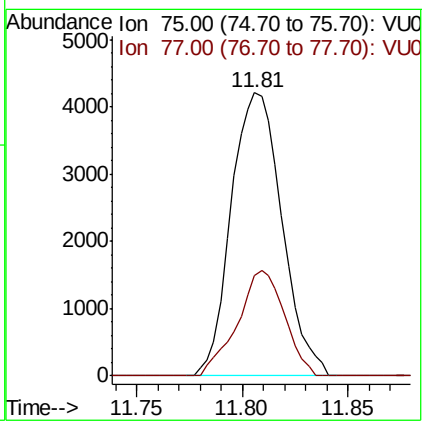


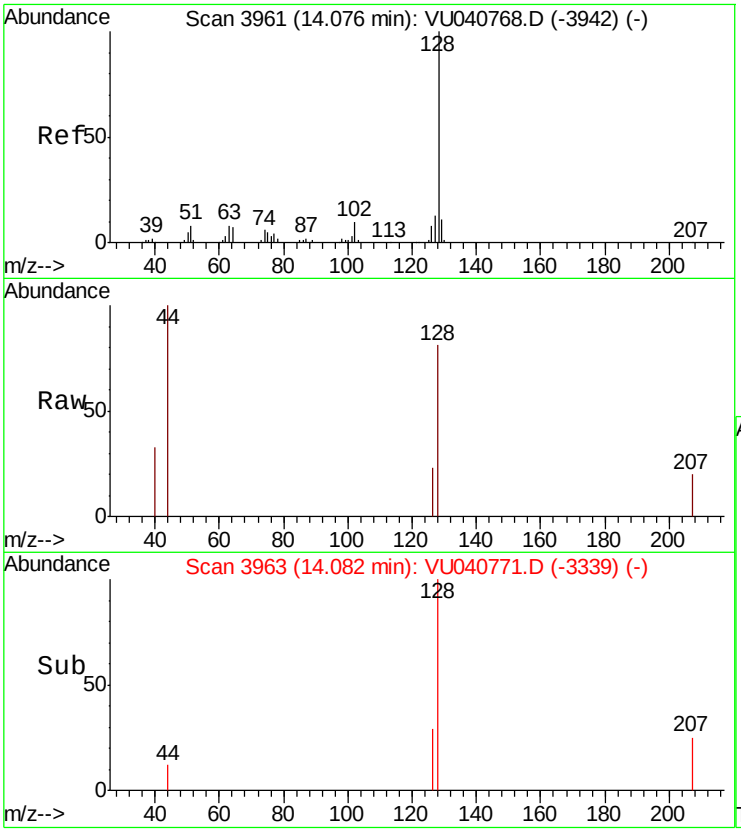


#59
1,2,3-Trichloropropane
Concen: 0.869 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040771.D
Acq: 17 Oct 2020 18:56

Tgt Ion: 75 Resp: 7021

Ion	Ratio	Lower	Upper
75	100		
77	34.6	26.4	39.6





#69
Naphthalene
Concen: 0.058 ug/L
RT: 14.08 min Scan# 3963
Delta R.T. 0.01 min
Lab File: VU040771.D
Acq: 17 Oct 2020 18:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 878

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.4#
127	0.0	10.2	15.4#