Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
Data File : VU041169.D
Acq On : 10 Nov 2020 11:40
Operator : SY/MD
Sample : L4648-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Nov 11 00:51:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 00:43:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	54318	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54654	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24658	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	23596	5.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.40%			
7) Chloroethane-d5	1.92	69	18389	5.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.80%			
11) 1,1-Dichloroethene-d2	2.58	63	35229	3.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.80%			
20) 2-Butanone-d5	4.65	46	78340	52.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.26%			
24) Chloroform-d	5.08	84	44116	5.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.40%			
26) 1,2-Dichloroethane-d4	5.72	65	29070	5.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.20%			
32) Benzene-d6	5.74	84	81450	5.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.40%			
36) 1,2-Dichloropropane-d6	6.70	67	27400	5.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 115.20%			
41) Toluene-d8	7.90	98	70404	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.40%			
43) trans-1,3-Dichloropropene-	8.18	79	11084	5.37	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.40%			
46) 2-Hexanone-d5	8.64	63	57403	51.68	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.36%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23103	5.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	27230	6.29	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 125.80%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	210	0.052	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	214	0.056	ug/L #	1
16) Methylene chloride	3.05	84	631	0.141	ug/L	86
25) Chloroform	5.10	83	1076	0.138	ug/L #	67
27) 1,2-Dichloroethane	5.74	62	500	0.086	ug/L #	74
35) Methylcyclohexane	6.70	83	6657	1.074	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	3256	0.737	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	696	0.114	ug/L #	50
44) trans-1,3-Dichloropropene	8.19	75	499	0.088	ug/L	94
48) 2-Hexanone	8.69	43	1398	0.527	ug/L #	75
59) 1,2,3-Trichloropropane	11.80	75	3511	1.066	ug/L	94
69) Naphthalene	14.08	128	415	0.056	ug/L #	69

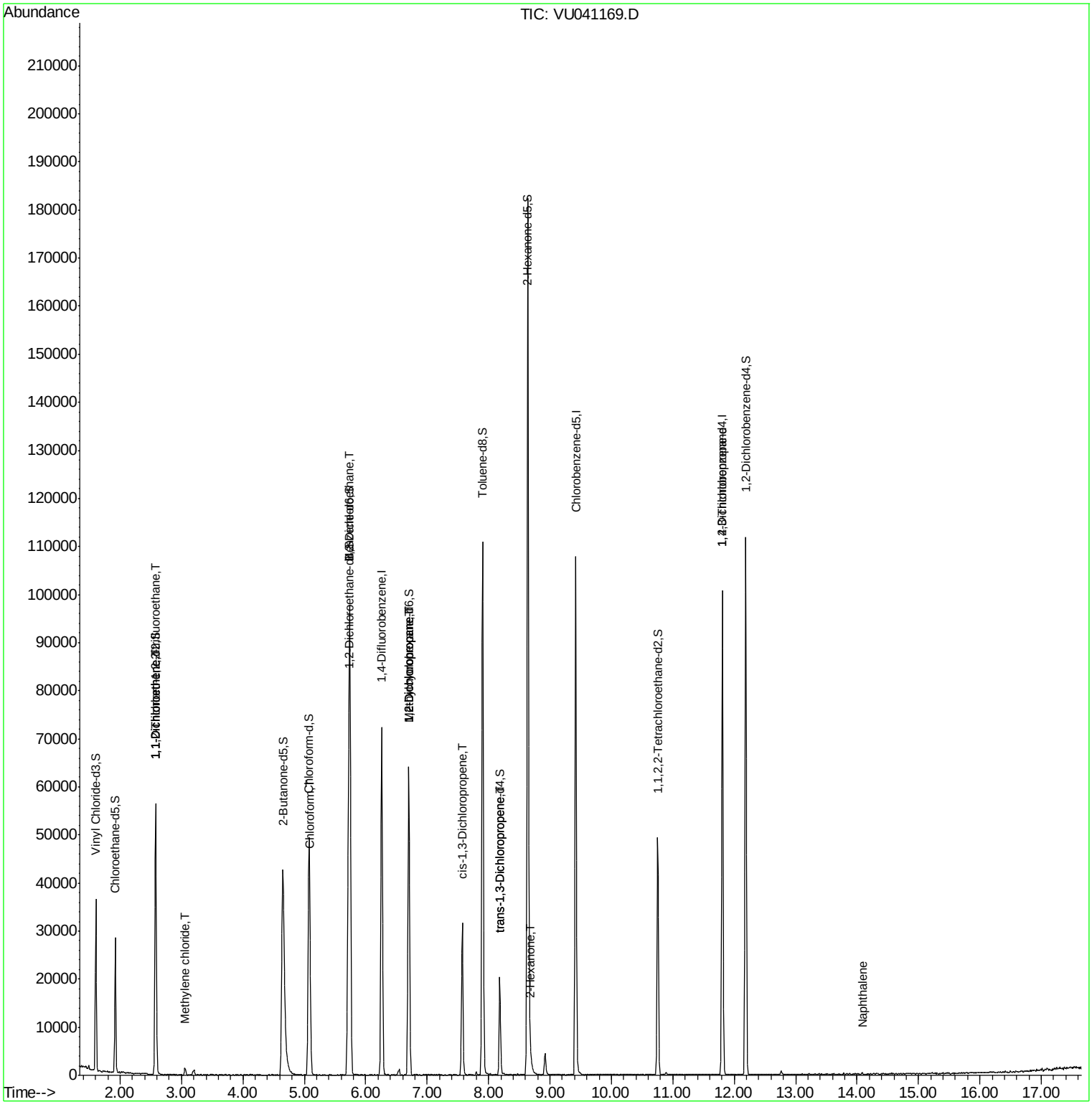
(#) = qualifier out of range (m) = manual integration (+) = signals summed

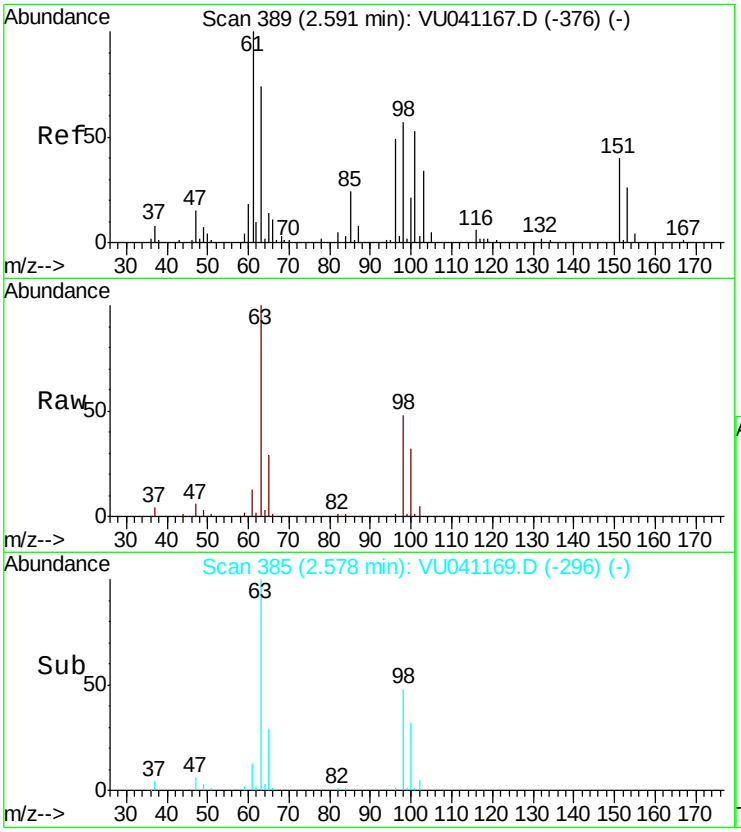
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
Data File : VU041169.D
Acq On : 10 Nov 2020 11:40
Operator : SY/MD
Sample : L4648-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Nov 11 00:51:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 00:43:53 2020
Response via : Initial Calibration



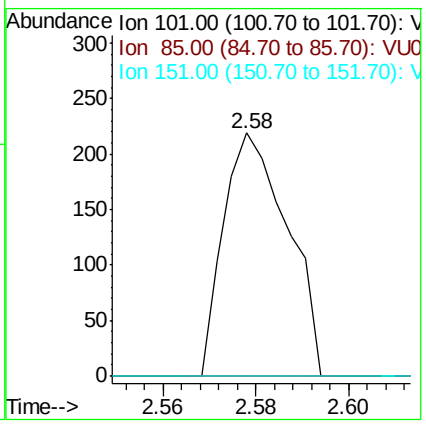


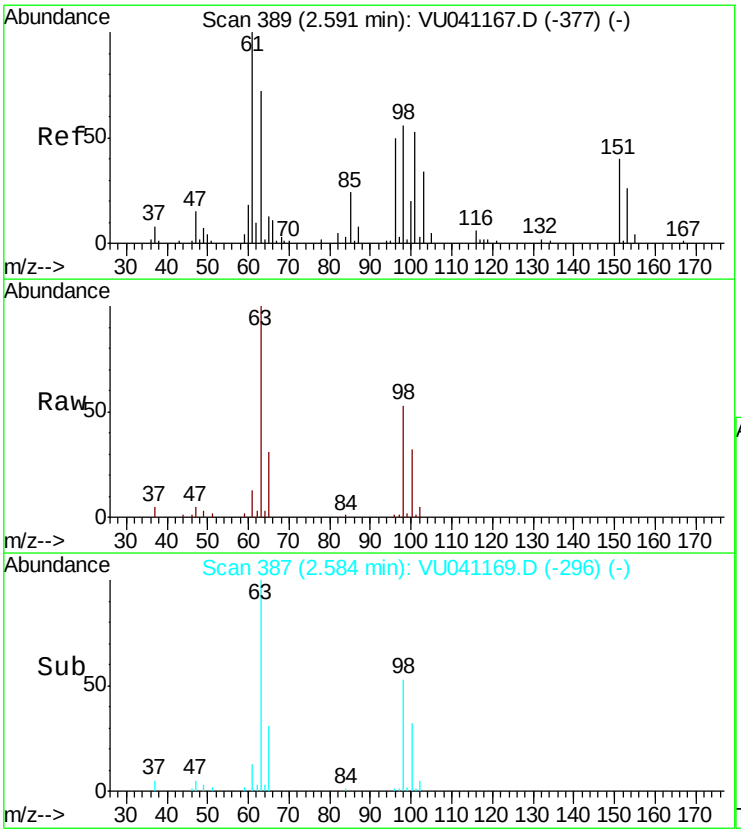
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.052 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.01 min
Lab File: VU041169.D
Acq: 10 Nov 2020 11:40

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion:101 Resp: 210

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.0	52.4#
151	0.0	55.3	82.9#

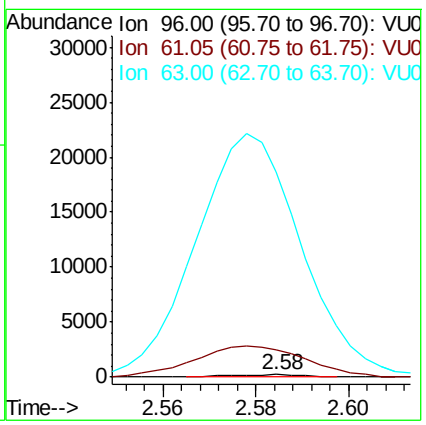


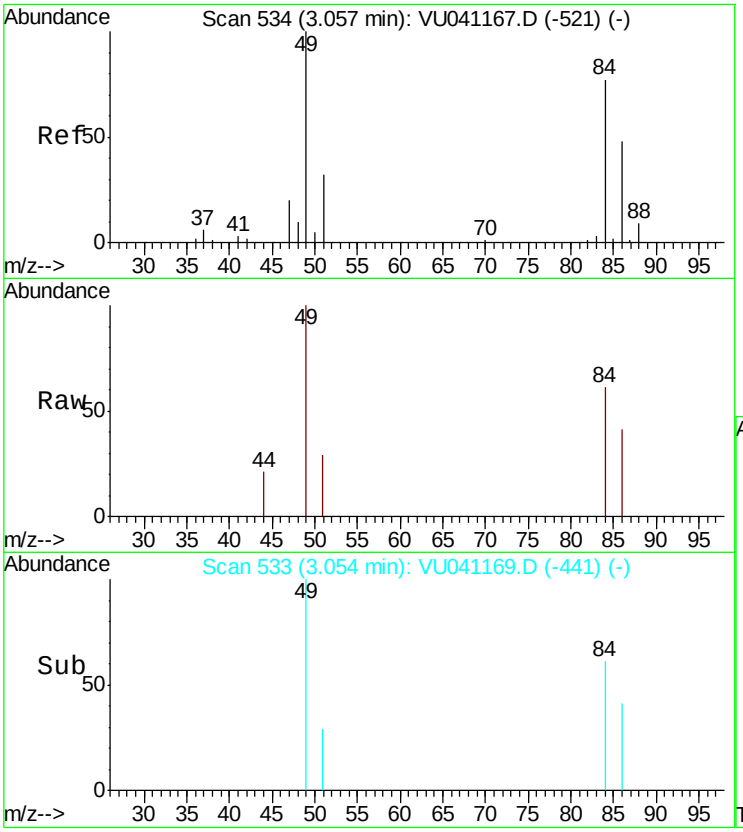


#12
1,1-Dichloroethene
Concen: 0.056 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU041169.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 96 Resp: 214

Ion	Ratio	Lower	Upper
96	100		
61	1148.6	134.3	249.5#
63	8732.7	95.0	176.4#



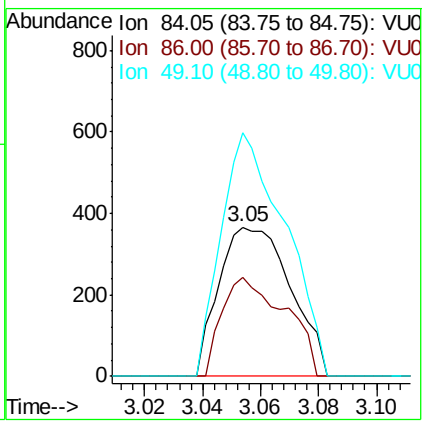


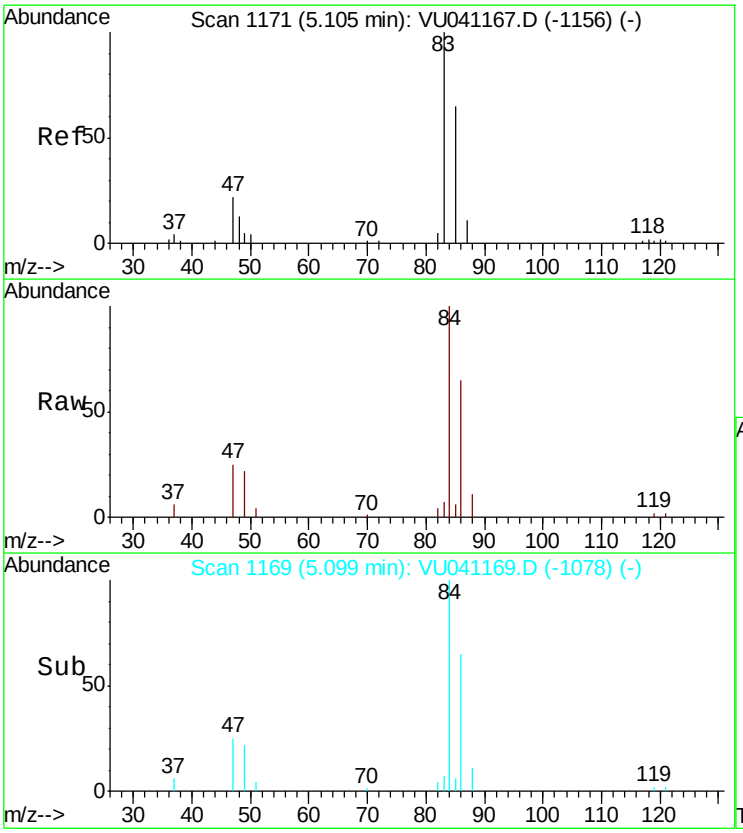
#16
Methylene chloride
Concen: 0.141 ug/L
RT: 3.05 min Scan# 533
Delta R.T. -0.00 min
Lab File: VU041169.D
Acq: 10 Nov 2020 11:40

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 84 Resp: 631

Ion	Ratio	Lower	Upper
84	100		
86	66.5	42.8	79.6
49	162.9	99.5	184.7

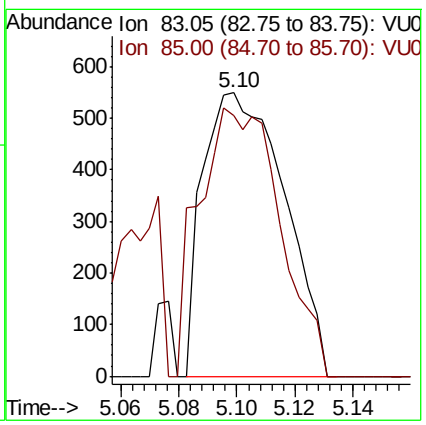


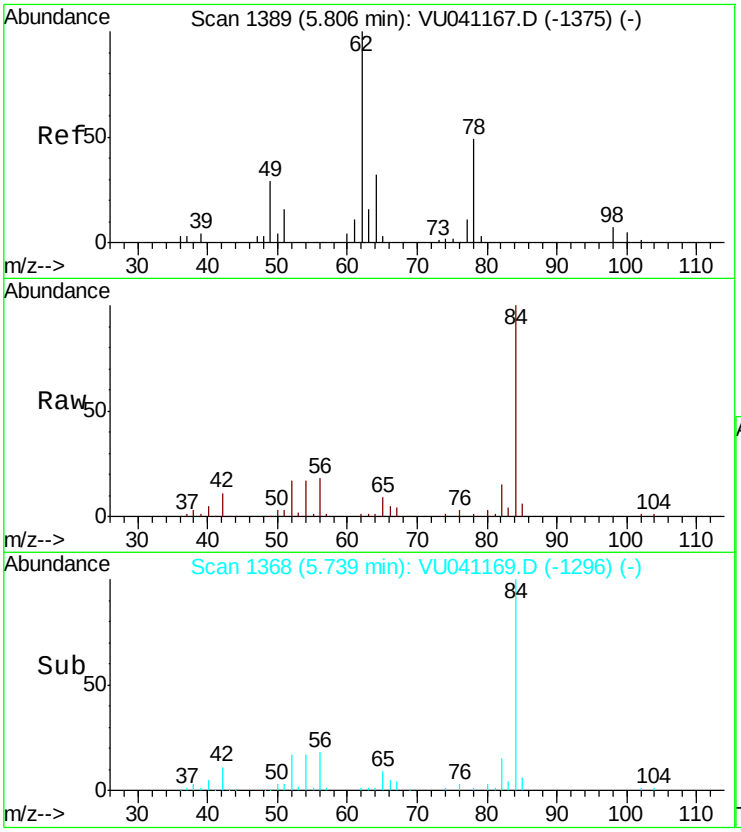


#25
Chloroform
Concen: 0.138 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.01 min
Lab File: VU041169.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 83 Resp: 1076

Ion	Ratio	Lower	Upper
83	100		
85	92.2	46.1	85.7#



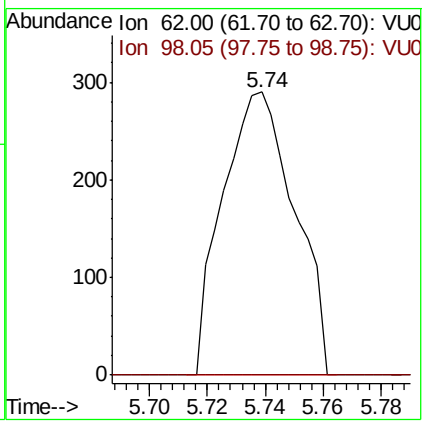


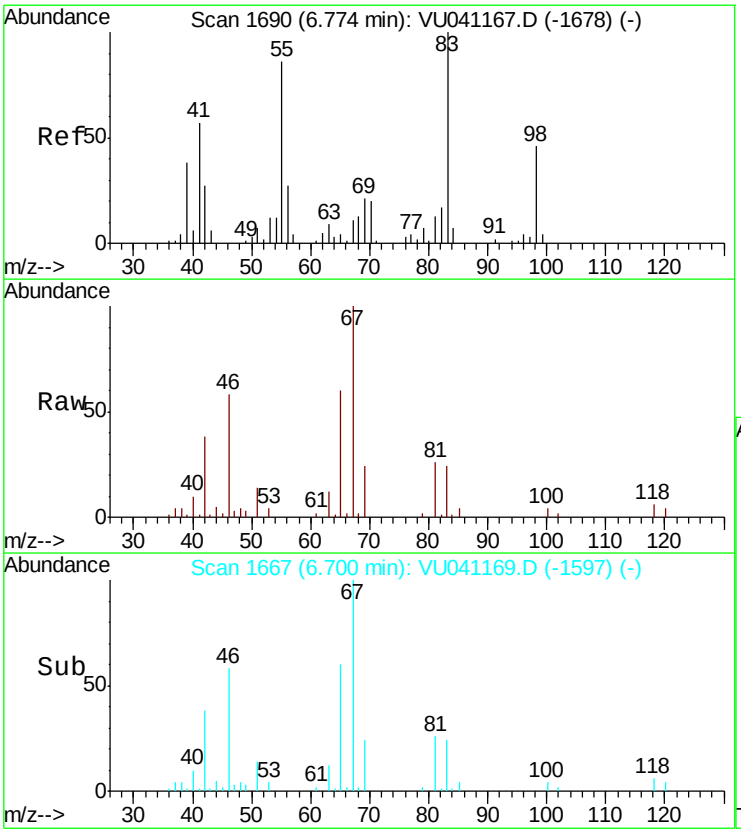
#27
1,2-Dichloroethane
Concen: 0.086 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041169.D
Acq: 10 Nov 2020 11:40

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 62 Resp: 500

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#

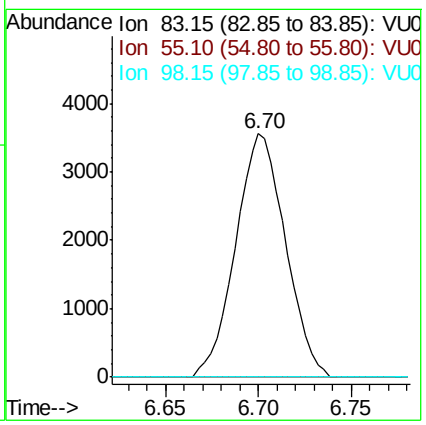


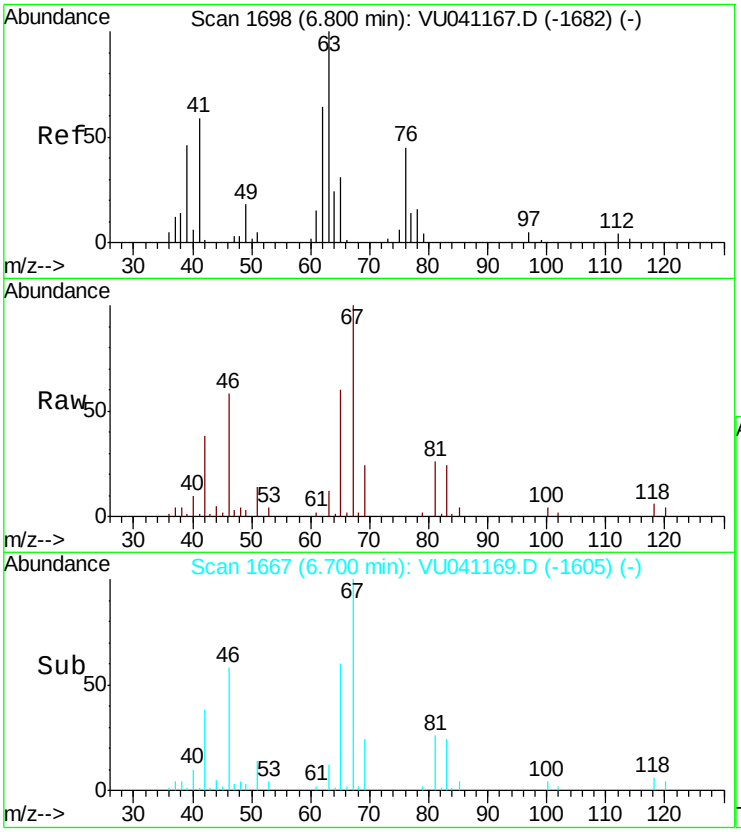


#35
Methylcyclohexane
Concen: 1.074 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041169.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 83 Resp: 6657

Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	2.6	36.6	55.0#



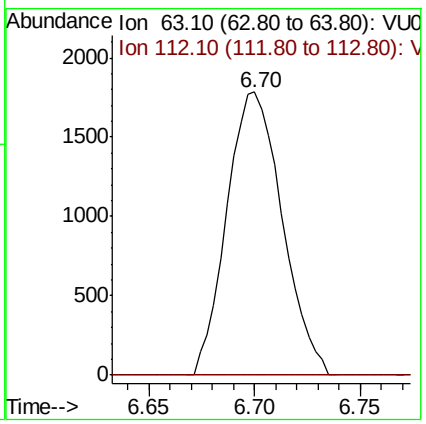


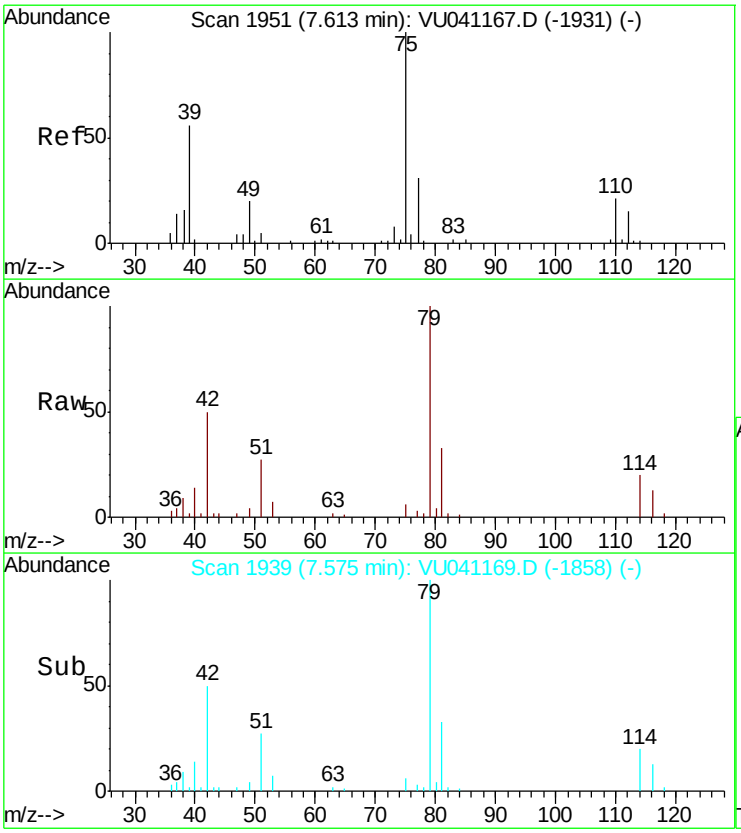
#37
1,2-Dichloropropane
Concen: 0.737 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041169.D
Acq: 10 Nov 2020 11:40

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 63 Resp: 3256

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

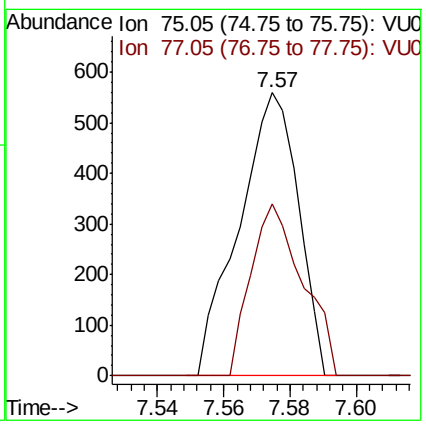


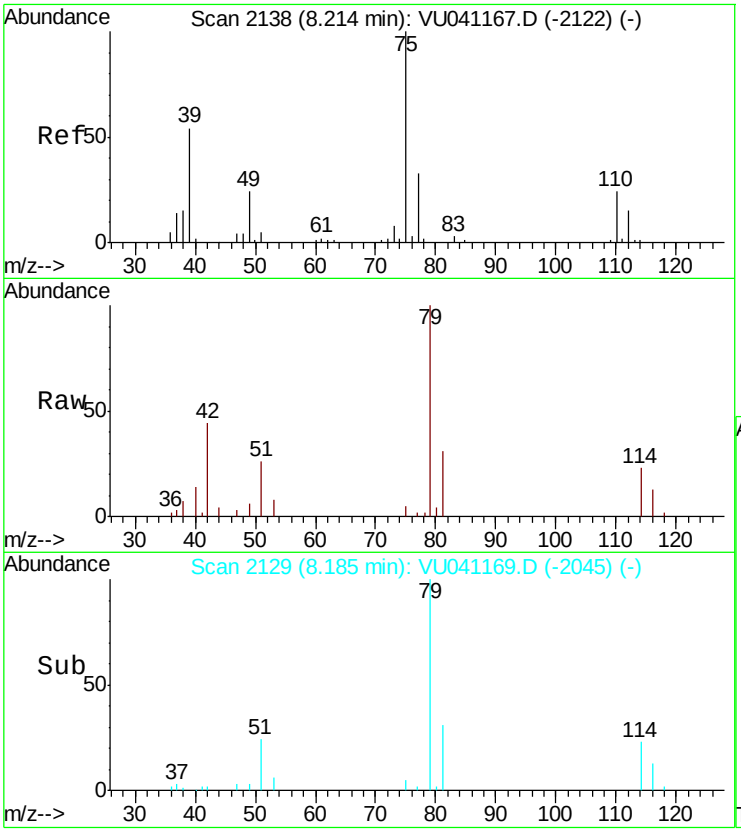


#39
cis-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041169.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 75 Resp: 696

Ion	Ratio	Lower	Upper
75	100		
77	60.6	22.7	42.3#



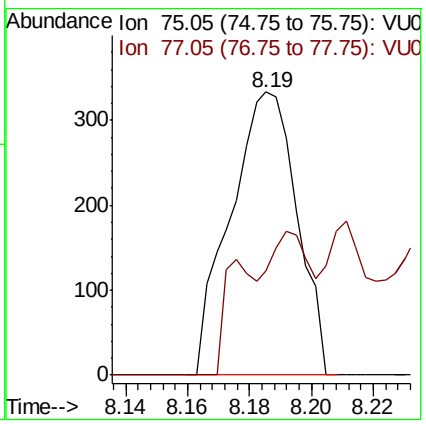


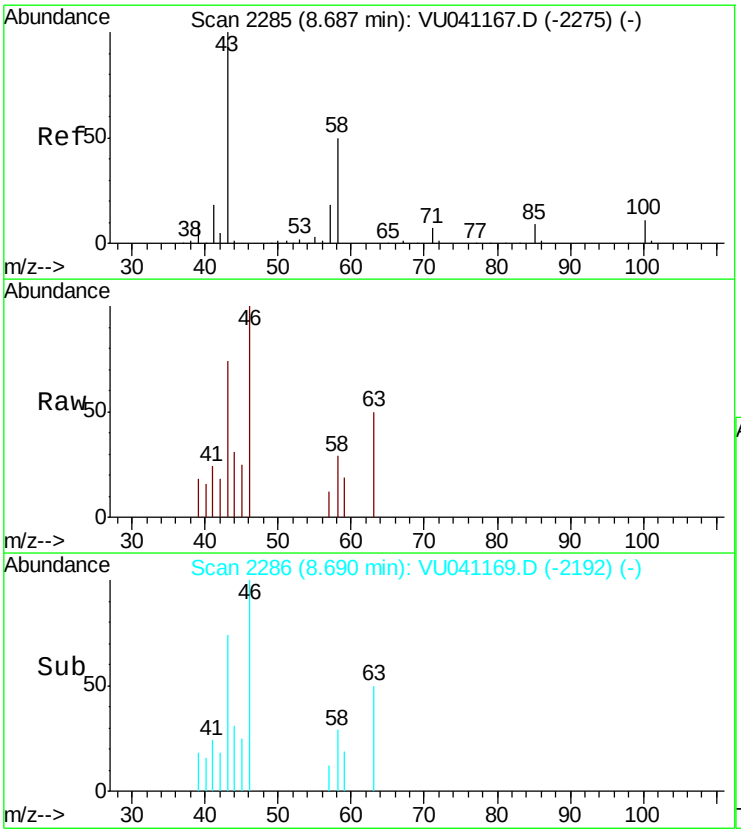
#44
trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041169.D
Acq: 10 Nov 2020 11:40

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 499

Ion	Ratio	Lower	Upper
75	100		
77	36.9	23.3	43.3

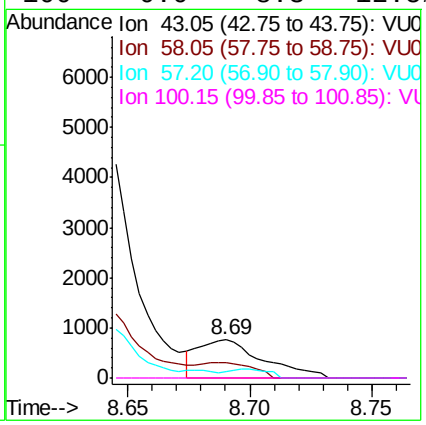


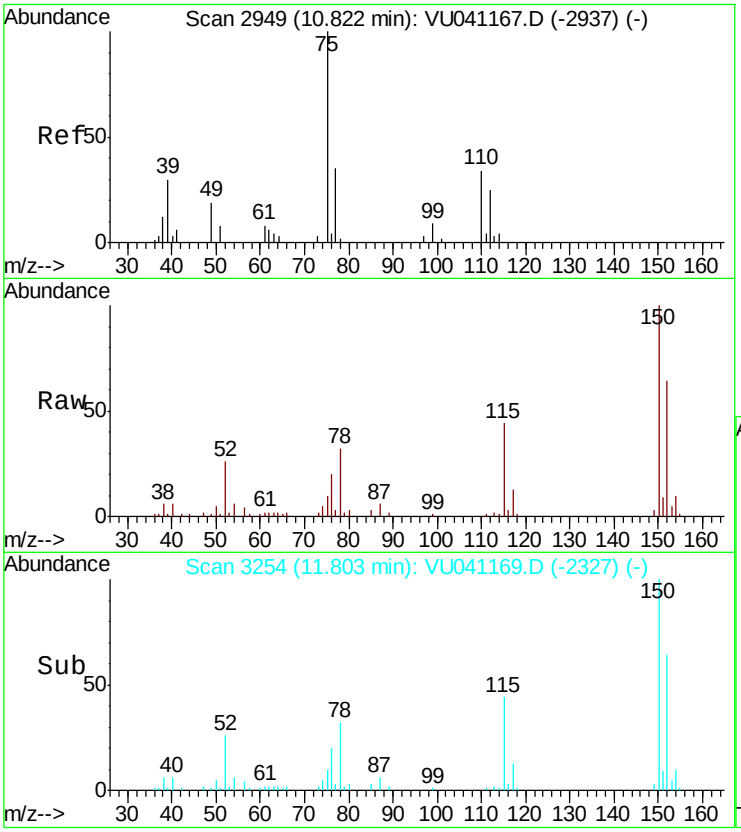


#48
2-Hexanone
Concen: 0.527 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU041169.D
Acq: 10 Nov 2020 11:40

Tgt Ion: 43 Resp: 1398

Ion	Ratio	Lower	Upper
43	100		
58	31.2	41.4	62.2#
57	14.3	14.6	21.8#
100	0.0	8.3	12.5#



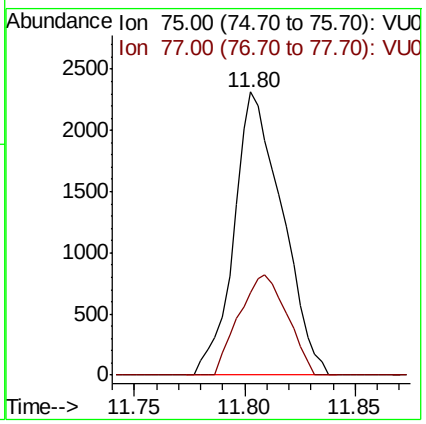


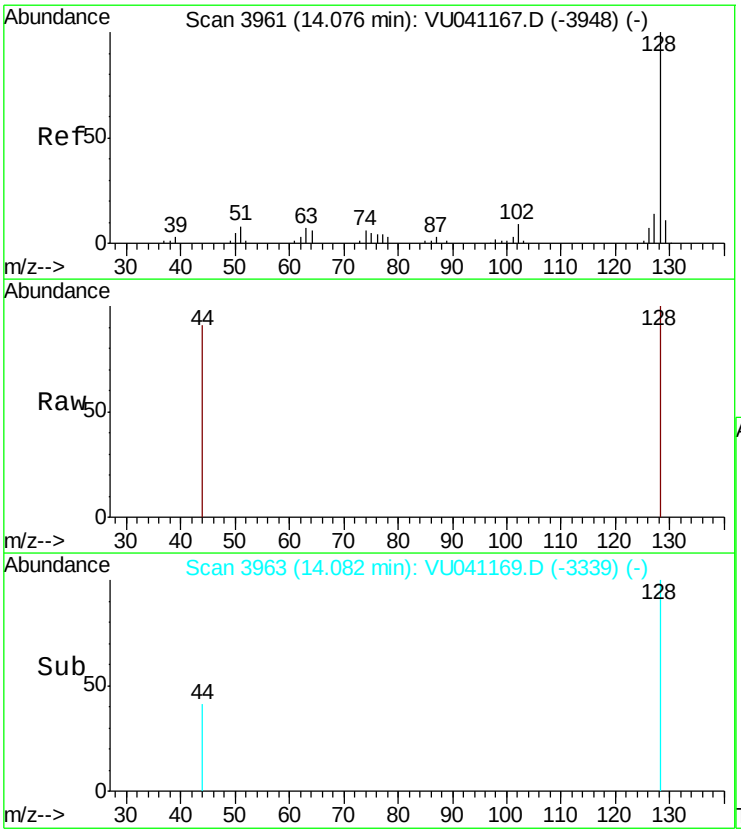
#59
1,2,3-Trichloropropane
Concen: 1.066 ug/L
RT: 11.80 min Scan# 3254
Delta R.T. 0.98 min
Lab File: VU041169.D
Acq: 10 Nov 2020 11:40

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 3511

Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.7	38.5





#69
Naphthalene
Concen: 0.056 ug/L
RT: 14.08 min Scan# 3963
Delta R.T. 0.01 min
Lab File: VU041169.D
Acq: 10 Nov 2020 11:40

Tgt Ion:128 Resp: 415

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	10.8	16.2#