Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080219\

Quantitation Report (Not Reviewed)

Data File : VU033573.D
Acq On : 02 Aug 2019 16:29
Operator : JC/SP
Sample : K4117-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JLLH4

Quant Time: Aug 03 00:44:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	261415	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	261839	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	141220	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	76951	40.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.98%			
7) Chloroethane-d5	1.67	69	65544	40.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.38%			
11) 1,1-Dichloroethene-d2	2.26	63	99023	28.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.42%#			
21) 2-Butanone-d5	4.14	46	130897	103.98	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.98%			
24) Chloroform-d	4.62	84	126200	39.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.22%			
26) 1,2-Dichloroethane-d4	5.29	65	82216	40.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.50%			
32) Benzene-d6	5.32	84	251706	38.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.56%			
36) 1,2-Dichloropropane-d6	6.31	67	82160	40.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 80.76%			
41) Toluene-d8	7.55	98	219737	36.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 72.26%#			
43) trans-1,3-Dichloropropene-	7.83	79	38037	37.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.38%			
47) 2-Hexanone-d5	8.29	63	95235	98.58	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.58%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	128784	41.05	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.10%			
64) 1,2-Dichlorobenzene-d4	11.84	152	94841	36.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 73.34%#			
Target Compounds						Qvalue
8) Chloroethane	1.69	64	2869	1.774	ug/L	97
13) Acetone	2.31	43	15310	11.887	ug/L	87
22) 2-Butanone	4.25	43	4670	3.037	ug/L	80
25) Chloroform	4.65	83	13485	3.849	ug/L	95
29) Cyclohexane	5.05	56	4267	1.494	ug/L #	15
34) Trichloroethene	6.17	95	2127	1.067	ug/L	88
39) cis-1,3-Dichloropropene	7.21	75	2603	0.825	ug/L #	64
44) trans-1,3-Dichloropropene	7.84	75	1521	0.533	ug/L	86
48) 2-Hexanone	8.35	43	10820	4.795	ug/L	97

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

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Quantitation Report (Not Reviewed)

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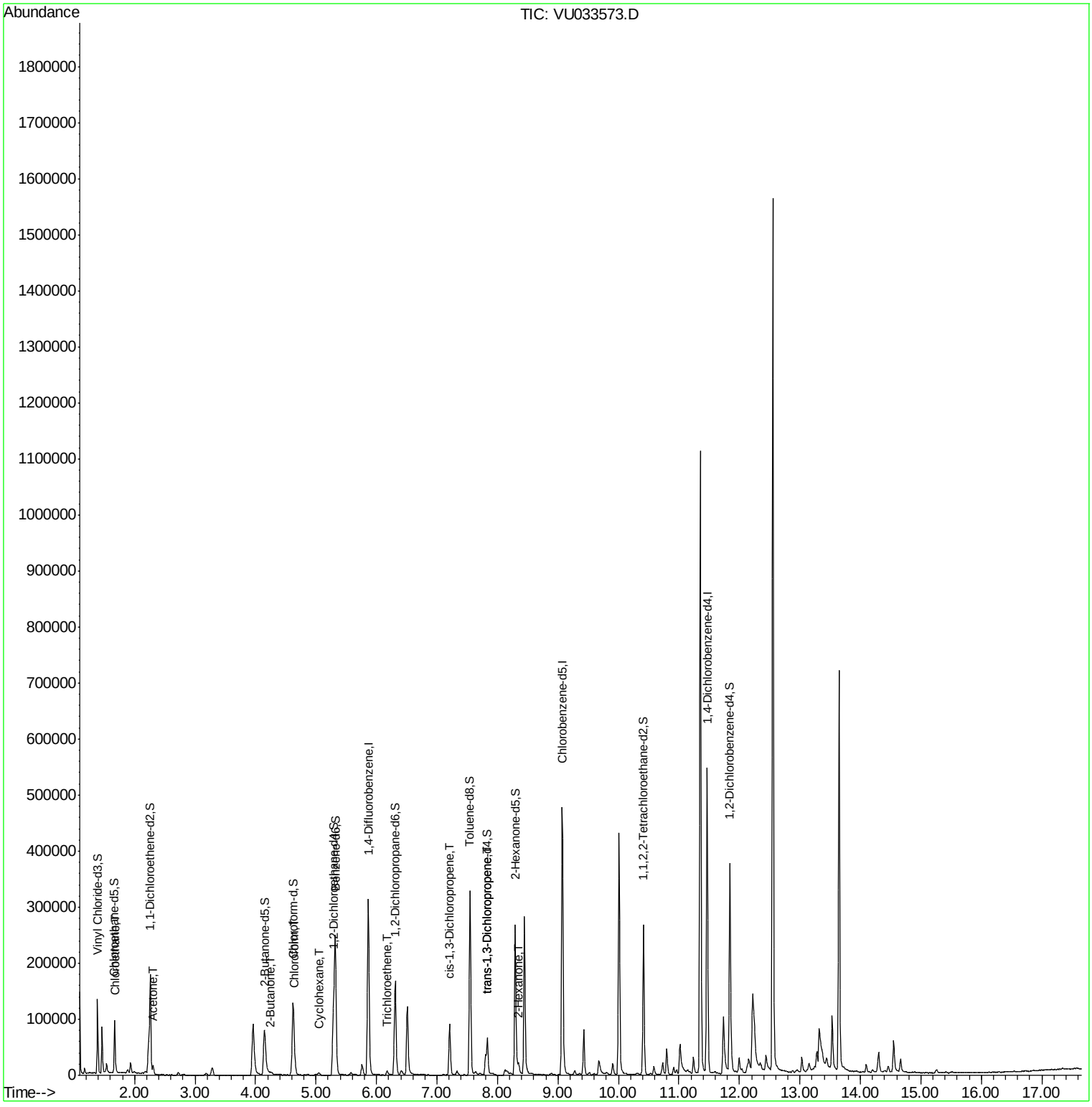
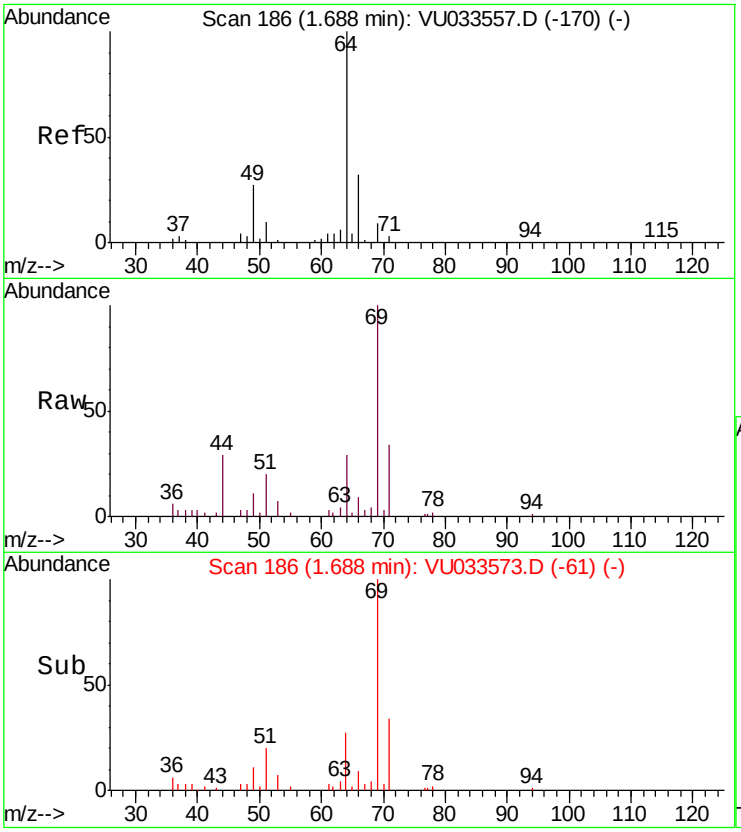
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : JLLH4

Quant Time: Aug 03 00:44:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration



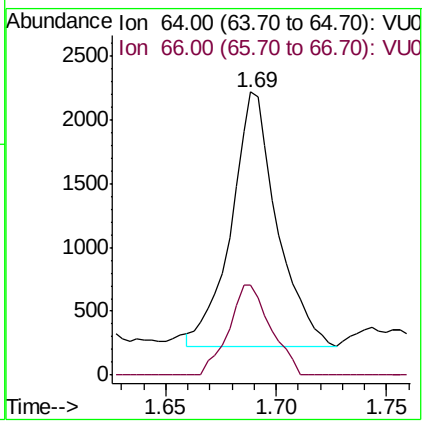


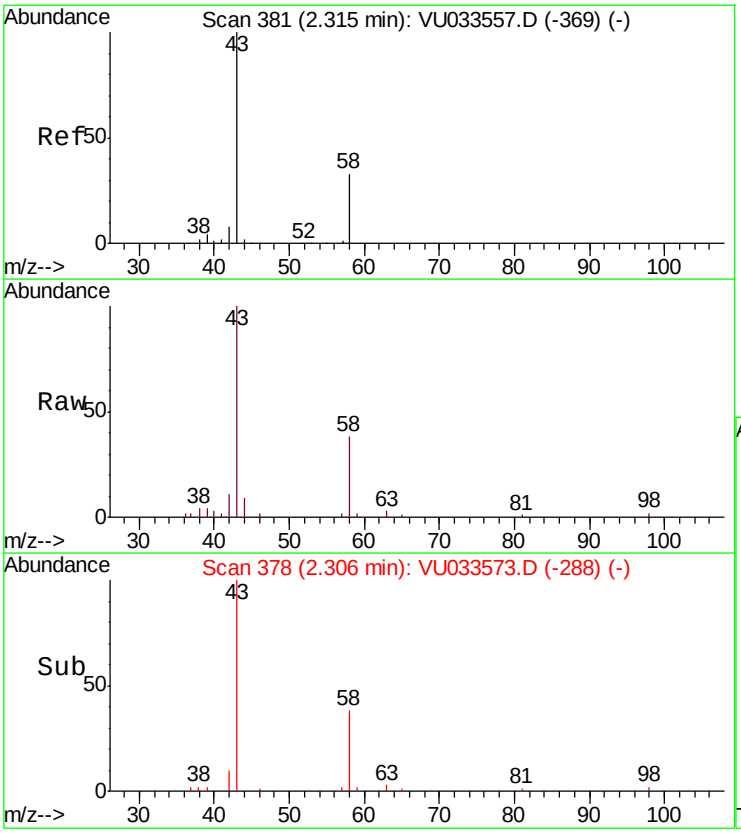
#8
Chloroethane
Concen: 1.774 ug/L
RT: 1.69 min Scan# 186
Delta R.T. 0.00 min
Lab File: VU033573.D
Acq: 02 Aug 2019 16:29

Instrument : MSVOA_U
ClientSampleId : JLLH4

Tgt Ion: 64 Resp: 2869

Ion	Ratio	Lower	Upper
64	100		
66	31.9	21.1	39.3

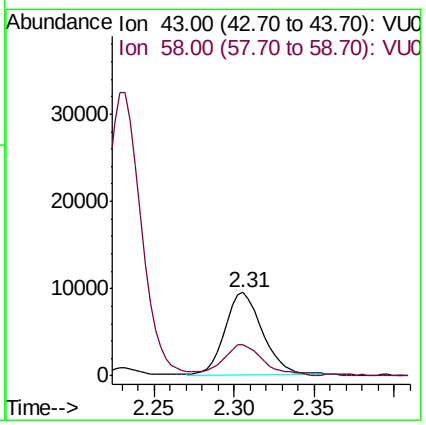


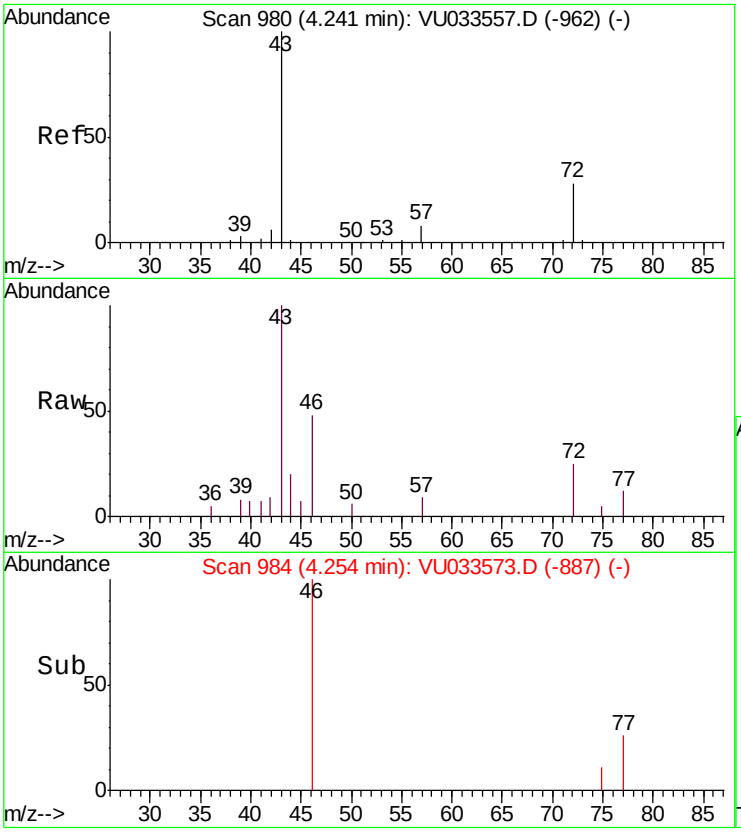


#13
Acetone
Concen: 11.887 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.01 min
Lab File: VU033573.D
Acq: 02 Aug 2019 16:29

Tgt Ion: 43 Resp: 15310

Ion	Ratio	Lower	Upper
43	100		
58	40.5	0.0	66.2



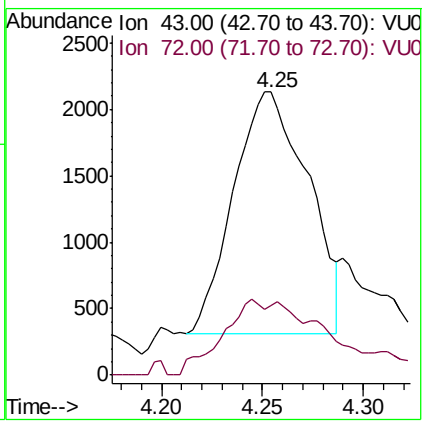


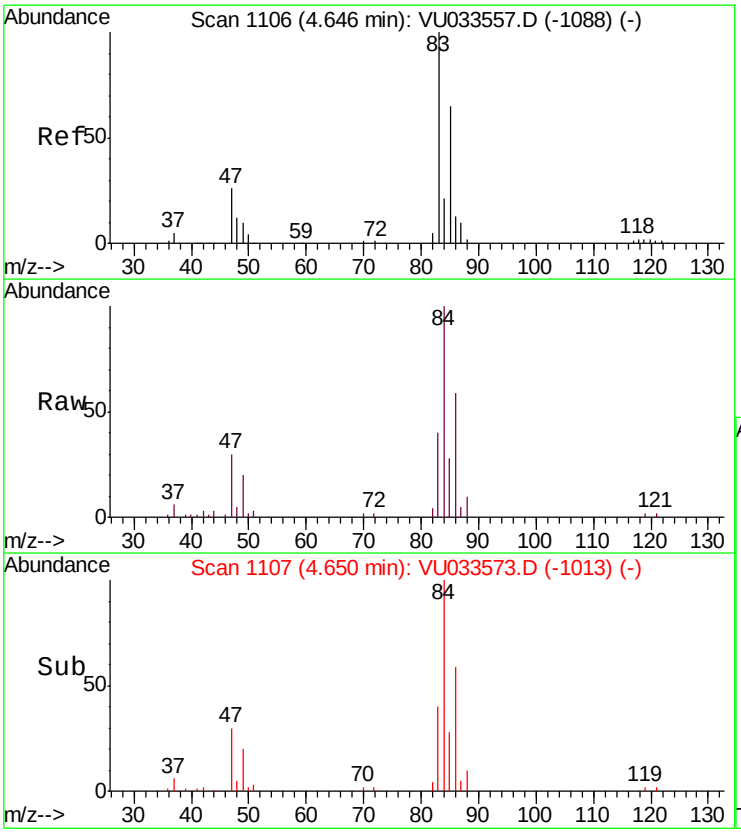
#22
2-Butanone
Concen: 3.037 ug/L
RT: 4.25 min Scan# 984
Delta R.T. 0.01 min
Lab File: VU033573.D
Acq: 02 Aug 2019 16:29

Instrument :
MSVOA_U
ClientSampleId :
JLLH4

Tgt Ion: 43 Resp: 4670

Ion	Ratio	Lower	Upper
43	100		
72	17.8	14.2	42.6

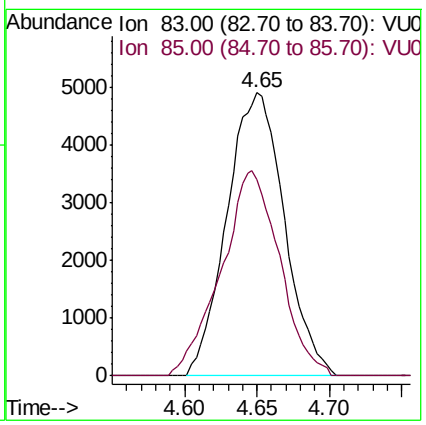


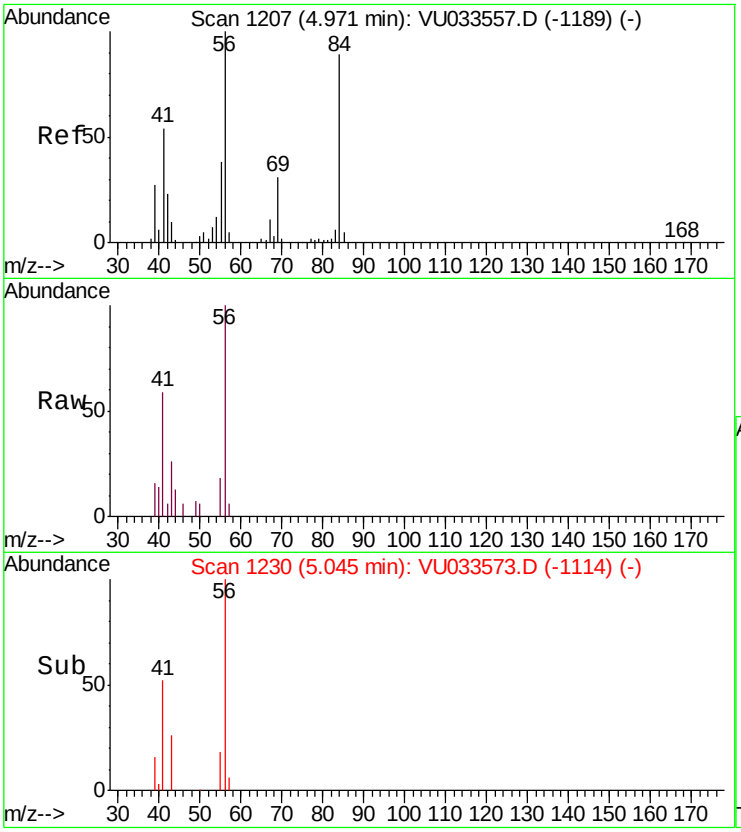


#25
Chloroform
Concen: 3.849 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033573.D
Acq: 02 Aug 2019 16:29

Tgt Ion: 83 Resp: 13485

Ion	Ratio	Lower	Upper
83	100		
85	69.4	45.6	84.8



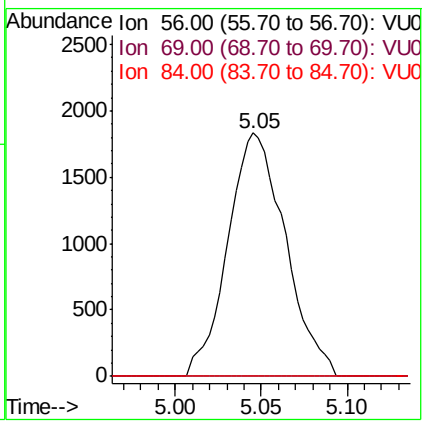


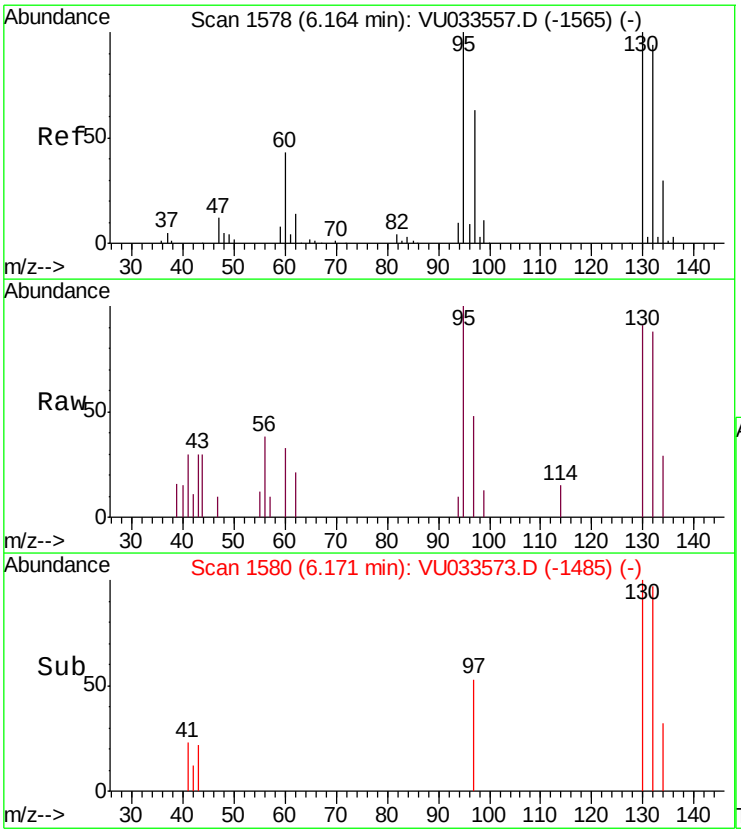
#29
Cyclohexane
Concen: 1.494 ug/L
RT: 5.05 min Scan# 1230
Delta R.T. 0.07 min
Lab File: VU033573.D
Acq: 02 Aug 2019 16:29

Instrument : MSVOA_U
ClientSampleId : JLLH4

Tgt Ion: 56 Resp: 4267

Ion	Ratio	Lower	Upper
56	100		
69	0.0	25.0	37.6#
84	1.0	71.6	107.4#

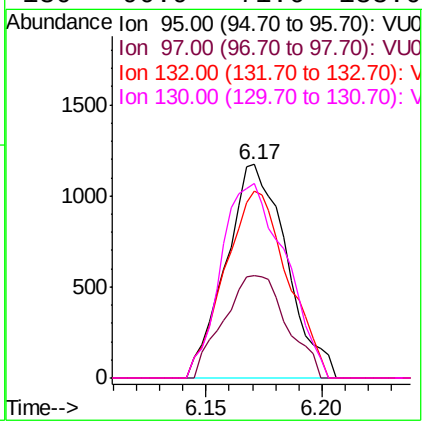


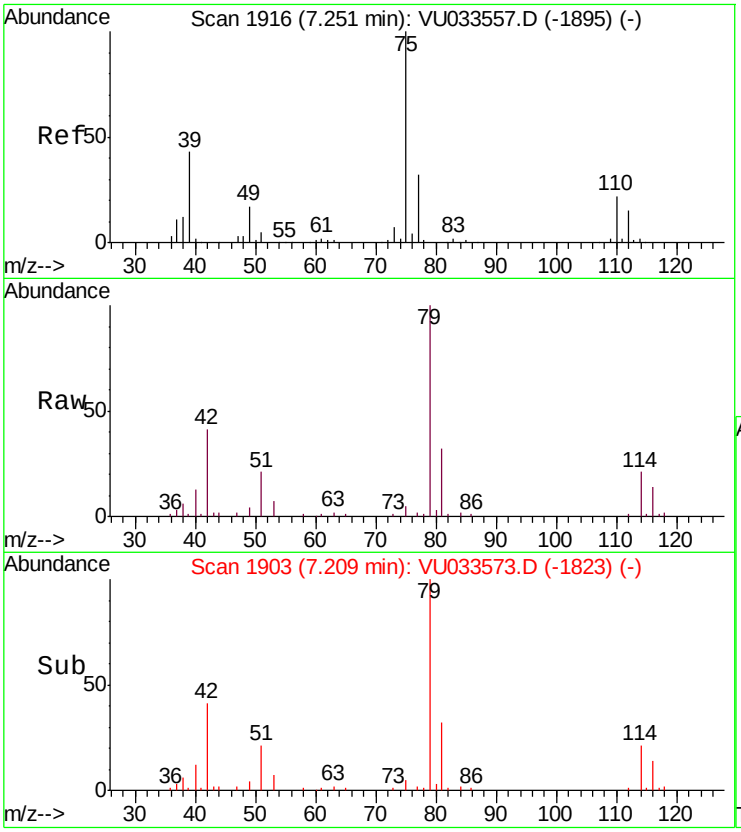


#34
Trichloroethene
Concen: 1.067 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU033573.D
Acq: 02 Aug 2019 16:29

Tgt Ion: 95 Resp: 2127

Ion	Ratio	Lower	Upper
95	100		
97	47.7	44.7	83.1
132	87.8	66.8	124.0
130	90.9	71.6	133.0



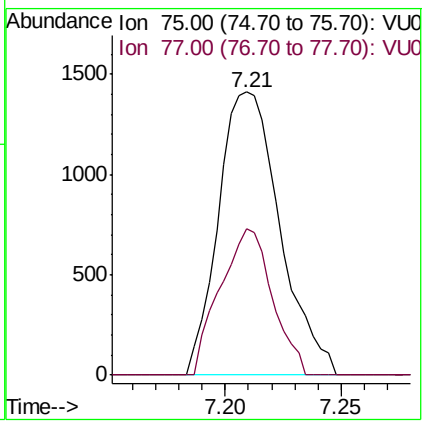


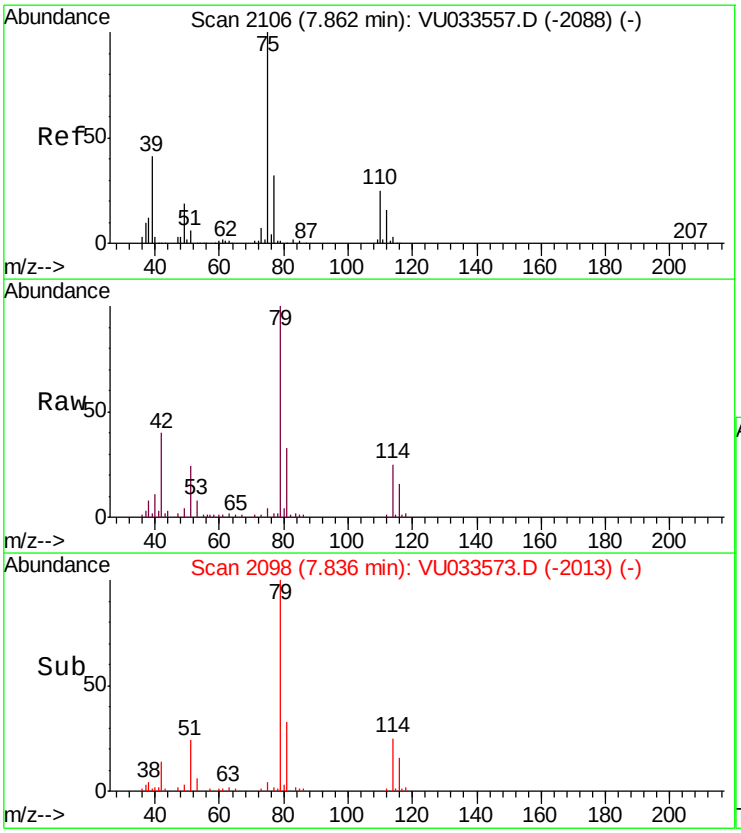
#39
cis-1,3-Dichloropropene
Concen: 0.825 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033573.D
Acq: 02 Aug 2019 16:29

Instrument :
MSVOA_U
ClientSampleId :
JLLH4

Tgt Ion: 75 Resp: 2603

Ion	Ratio	Lower	Upper
75	100		
77	51.9	22.3	41.5#

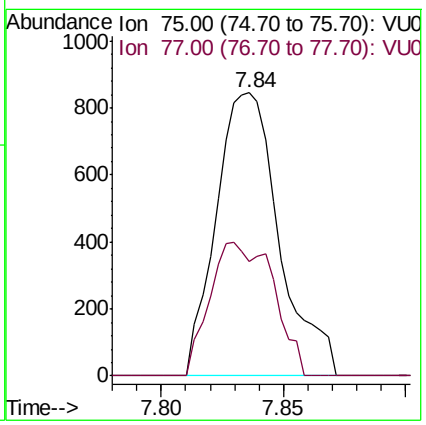


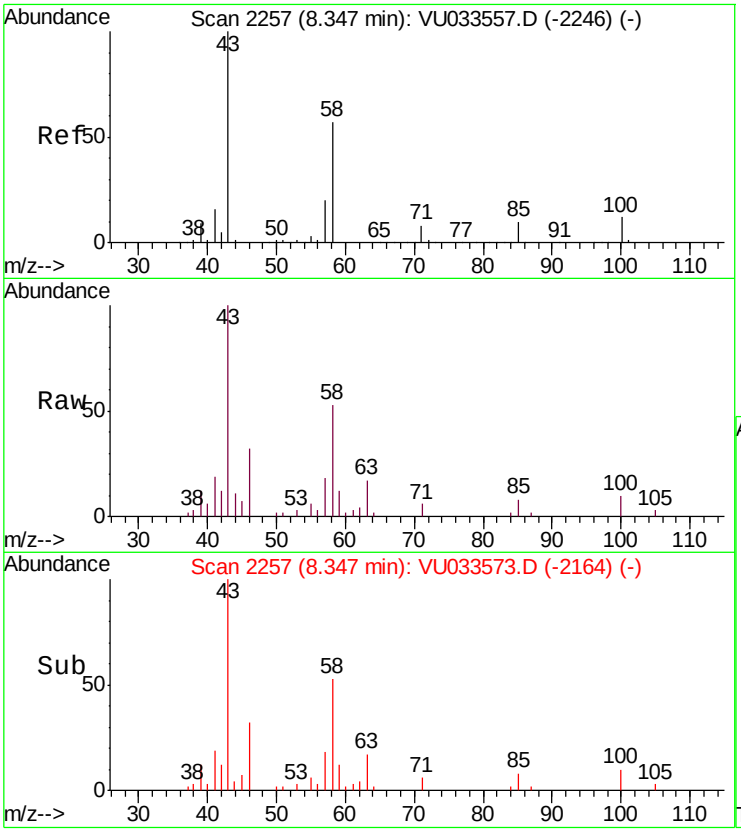


#44
trans-1,3-Dichloropropene
Concen: 0.533 ug/L
RT: 7.84 min Scan# 2098
Delta R.T. -0.03 min
Lab File: VU033573.D
Acq: 02 Aug 2019 16:29

Tgt Ion: 75 Resp: 1521

Ion	Ratio	Lower	Upper
75	100		
77	40.4	22.7	42.1





#48
2-Hexanone
Concen: 4.795 ug/L
RT: 8.35 min Scan# 2257
Delta R.T. 0.00 min
Lab File: VU033573.D
Acq: 02 Aug 2019 16:29

Instrument :
MSVOA_U
ClientSampleId :
JLLH4

Tgt Ion: 43 Resp: 10820

Ion	Ratio	Lower	Upper
43	100		
58	60.4	45.8	68.6
57	20.4	15.8	23.6
100	11.0	9.4	14.2