Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\

Quantitation Report (Not Reviewed)

Data File : VU035416.D
Acq On : 23 Oct 2019 18:00
Operator : JC/SP
Sample : K5461-02DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G00DL

Quant Time: Oct 24 05:24:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 05:20:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	248701	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	254898	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	83533	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	63490	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.80%			
7) Chloroethane-d5	1.93	69	65829	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.00%			
11) 1,1-Dichloroethene-d2	2.59	63	91707	3.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.40%			
20) 2-Butanone-d5	4.70	46	227995	52.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.64%			
24) Chloroform-d	5.11	84	140498	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
26) 1,2-Dichloroethane-d4	5.75	65	80106	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.40%			
32) Benzene-d6	5.77	84	265731	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
36) 1,2-Dichloropropane-d6	6.74	67	93701	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.20%			
41) Toluene-d8	7.93	98	222577	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.80%			
43) trans-1,3-Dichloropropene-	8.22	79	33436	3.72	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.40%			
46) 2-Hexanone-d5	8.69	63	153925	38.86	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.72%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	81440	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	71933	4.73	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	23304	1.081	ug/L #	77
13) Acetone	2.67	43	2808	0.926	ug/L	97
16) Methylene chloride	3.08	84	3191	0.166	ug/L	88
17) Methyl tert-butyl Ether	3.43	73	14819	0.345	ug/L #	94
18) trans-1,2-Dichloroethene	3.39	96	1827	0.106	ug/L	91
19) 1,1-Dichloroethane	3.92	63	4142	0.133	ug/L	91
21) 2-Butanone	4.79	43	12810	2.593	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	125463	6.583	ug/L	95
25) Chloroform	5.14	83	8333	0.244	ug/L	95
34) Trichloroethene	6.58	95	50505	2.505	ug/L	96
35) Methylcyclohexane	6.74	83	22090	0.656	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	10811	0.568	ug/L #	86
48) 2-Hexanone	8.74	43	11721	1.300	ug/L #	94
59) 1,2,3-Trichloropropane	11.84	75	10629	0.801	ug/L	95

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

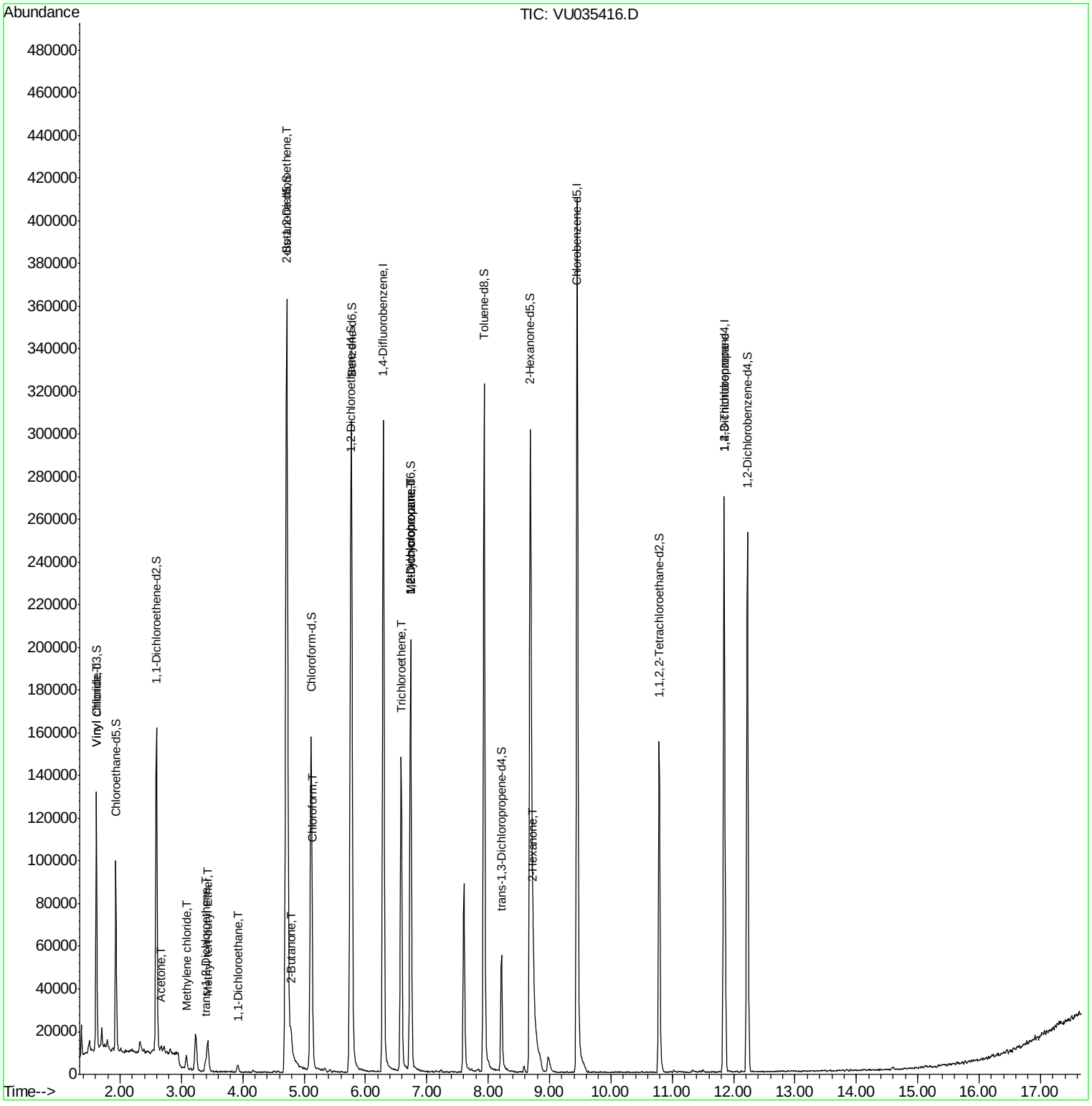
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\

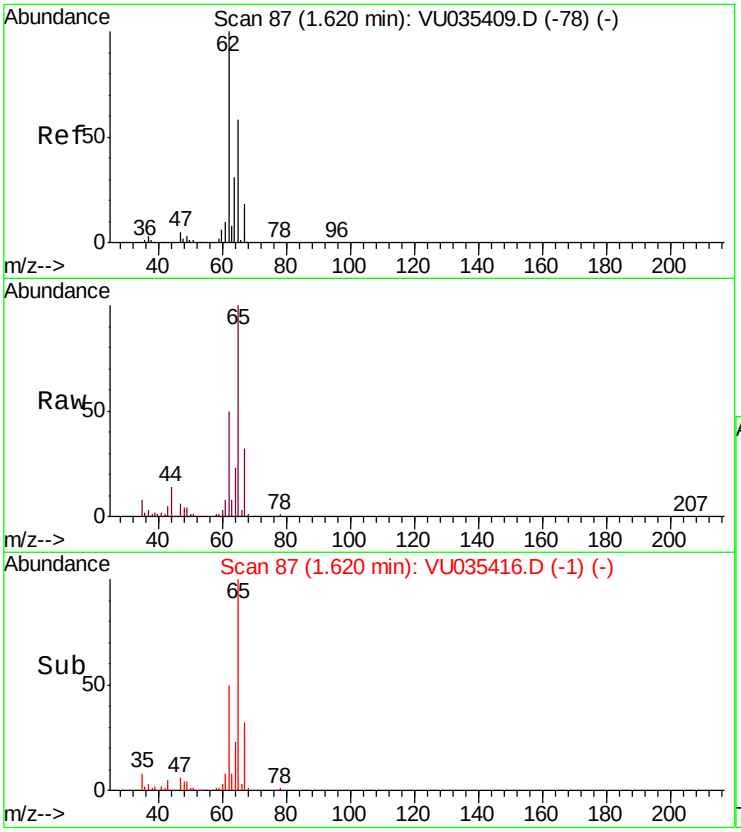
Quantitation Report (Not Reviewed)

Data File : VU035416.D
Acq On : 23 Oct 2019 18:00
Operator : JC/SP
Sample : K5461-02DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G00DL

Quant Time: Oct 24 05:24:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 05:20:56 2019
Response via : Initial Calibration



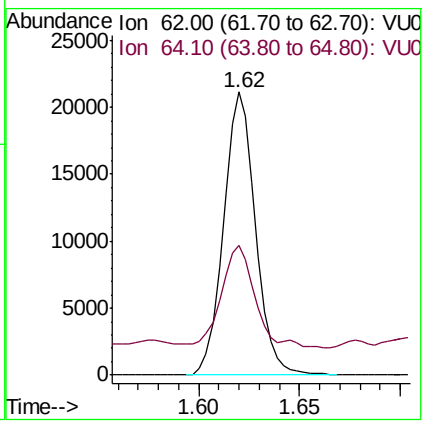


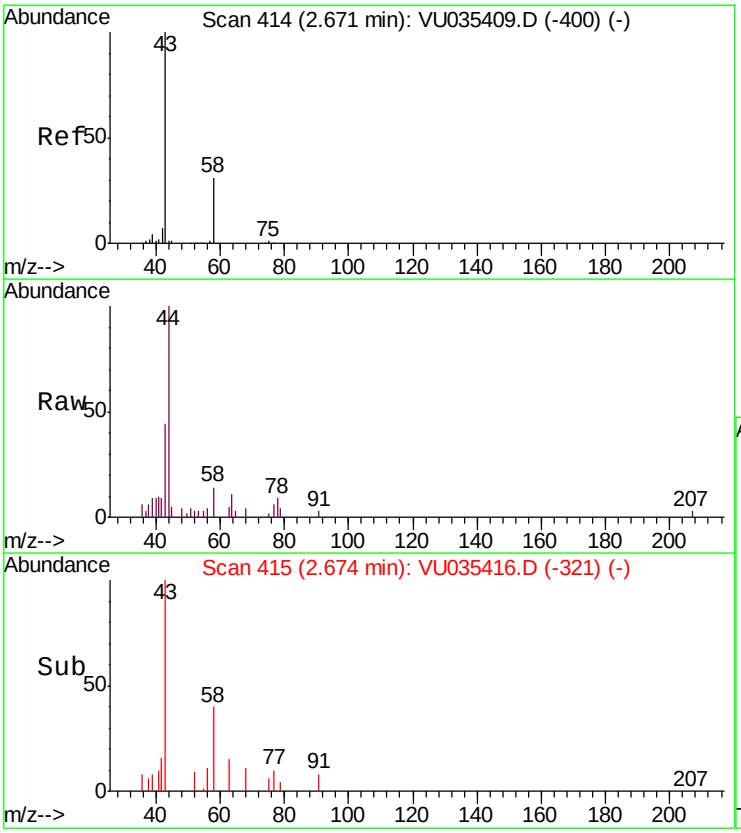
#5
Vinyl chloride
Concen: 1.081 ug/L
RT: 1.62 min Scan# 87
Delta R.T. -0.00 min
Lab File: VU035416.D
Acq: 23 Oct 2019 18:00

Instrument : MSVOA_U
ClientSampleId : H0G00DL

Tgt Ion: 62 Resp: 23304

Ion	Ratio	Lower	Upper
62	100		
64	45.9	22.9	42.5#

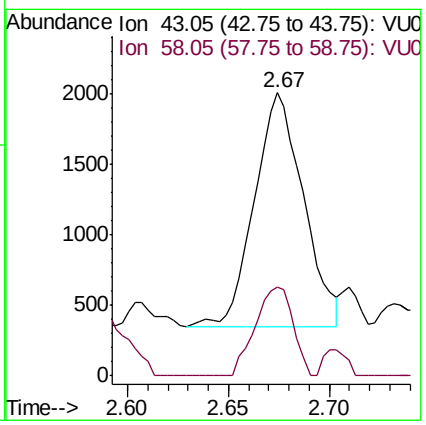


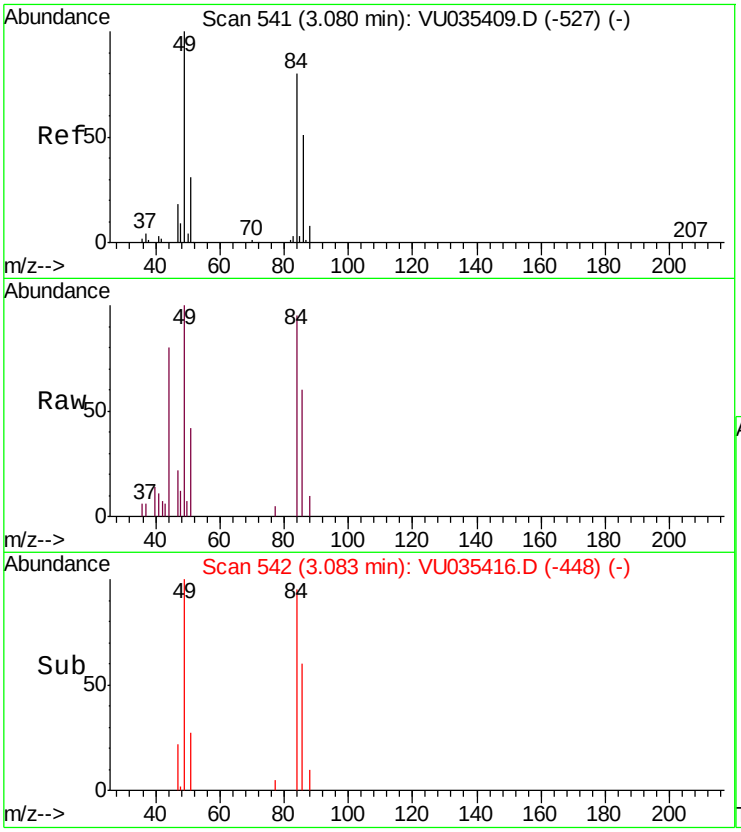


#13
Acetone
Concen: 0.926 ug/L
RT: 2.67 min Scan# 415
Delta R.T. 0.00 min
Lab File: VU035416.D
Acq: 23 Oct 2019 18:00

Tgt Ion: 43 Resp: 2808

Ion	Ratio	Lower	Upper
43	100		
58	29.4	0.0	61.8



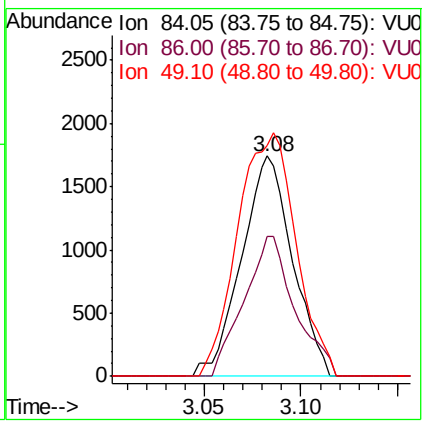


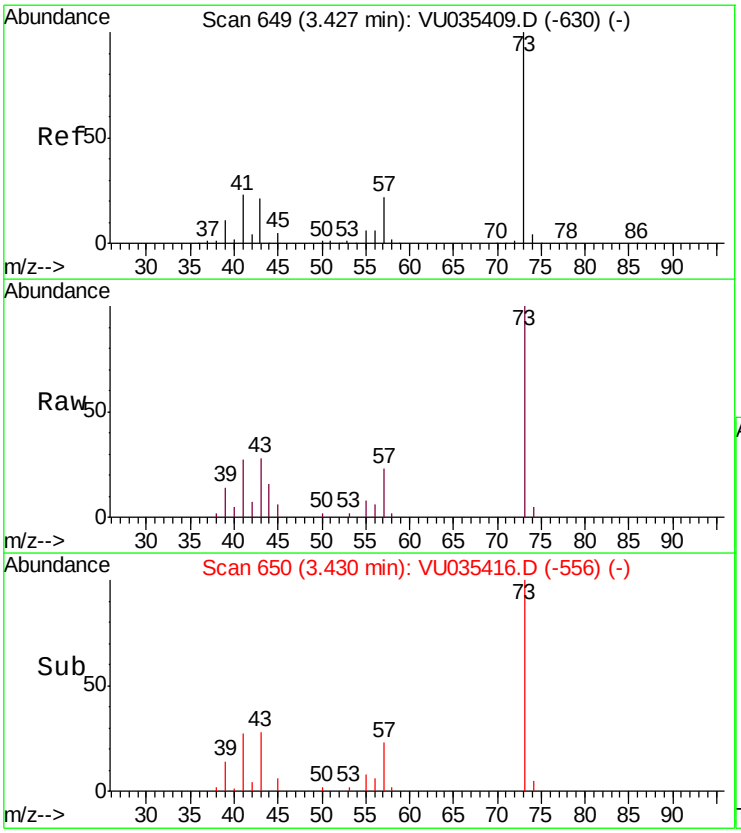
#16
Methylene chloride
Concen: 0.166 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035416.D
Acq: 23 Oct 2019 18:00

Instrument : MSVOA_U
ClientSampleId : H0G00DL

Tgt Ion: 84 Resp: 3191

Ion	Ratio	Lower	Upper
84	100		
86	63.5	45.4	84.2
49	104.9	86.8	161.2

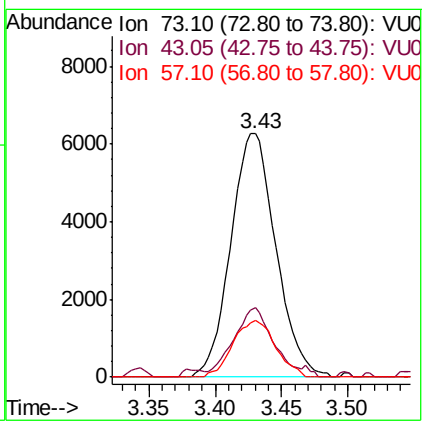


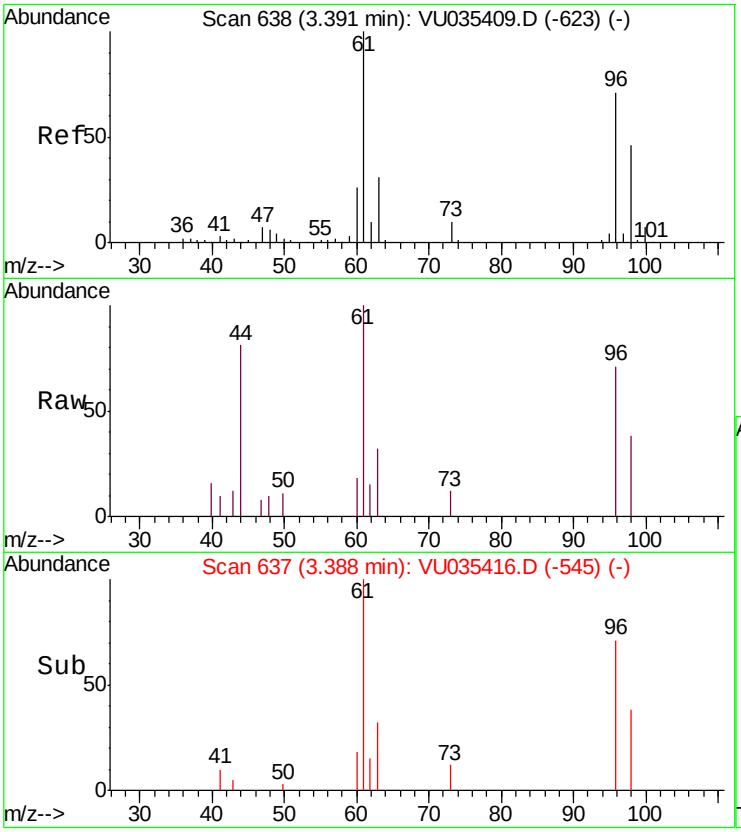


#17
Methyl tert-butyl Ether
Concen: 0.345 ug/L
RT: 3.43 min Scan# 650
Delta R.T. 0.00 min
Lab File: VU035416.D
Acq: 23 Oct 2019 18:00

Tgt Ion: 73 Resp: 14819

Ion	Ratio	Lower	Upper
73	100		
43	25.8	16.0	24.0#
57	22.0	17.4	26.2



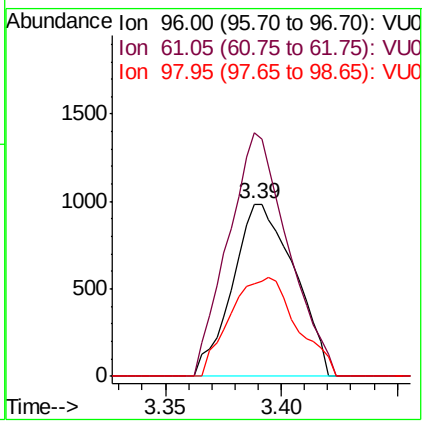


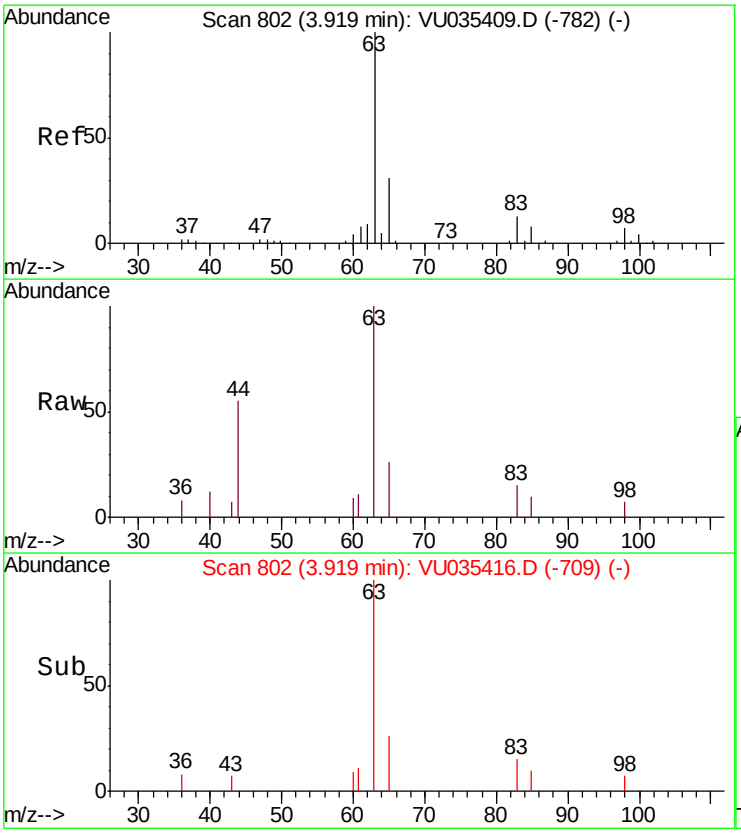
#18
trans-1,2-Dichloroethene
Concen: 0.106 ug/L
RT: 3.39 min Scan# 637
Delta R.T. -0.00 min
Lab File: VU035416.D
Acq: 23 Oct 2019 18:00

Instrument :
MSVOA_U
ClientSampleId :
H0G00DL

Tgt Ion: 96 Resp: 1827

Ion	Ratio	Lower	Upper
96	100		
61	141.6	93.0	172.6
98	53.9	43.7	81.1

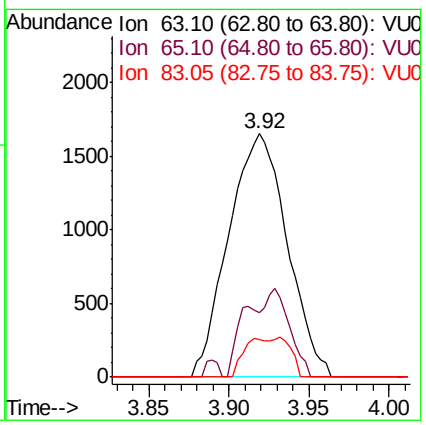


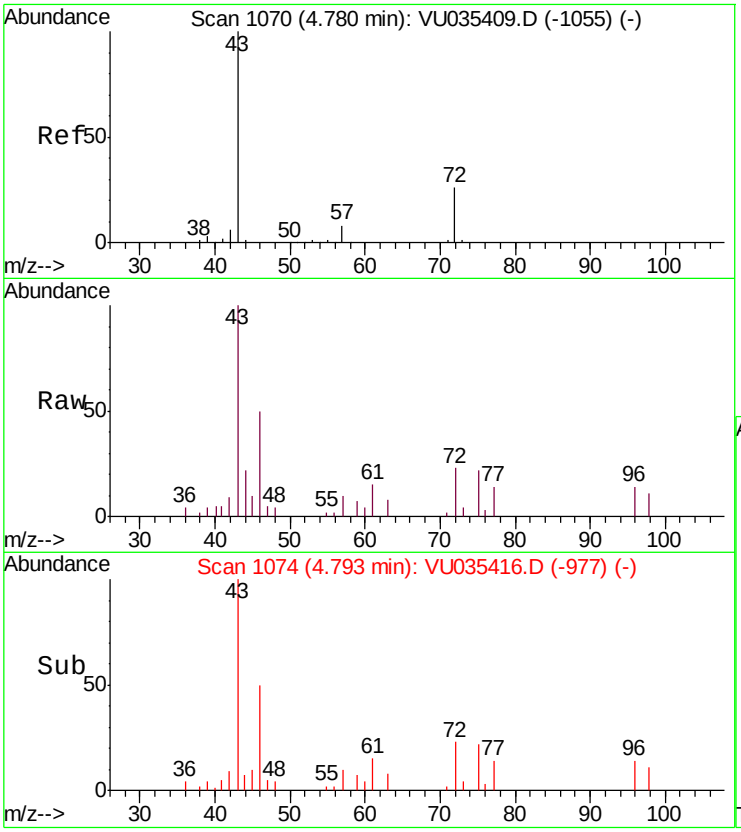


#19
1,1-Dichloroethane
Concen: 0.133 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU035416.D
Acq: 23 Oct 2019 18:00

Tgt Ion: 63 Resp: 4142

Ion	Ratio	Lower	Upper
63	100		
65	26.4	22.4	41.6
83	15.5	9.3	17.3



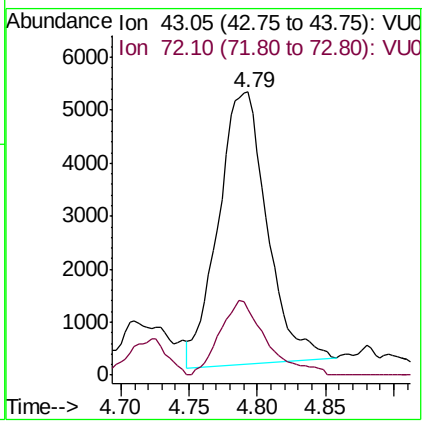


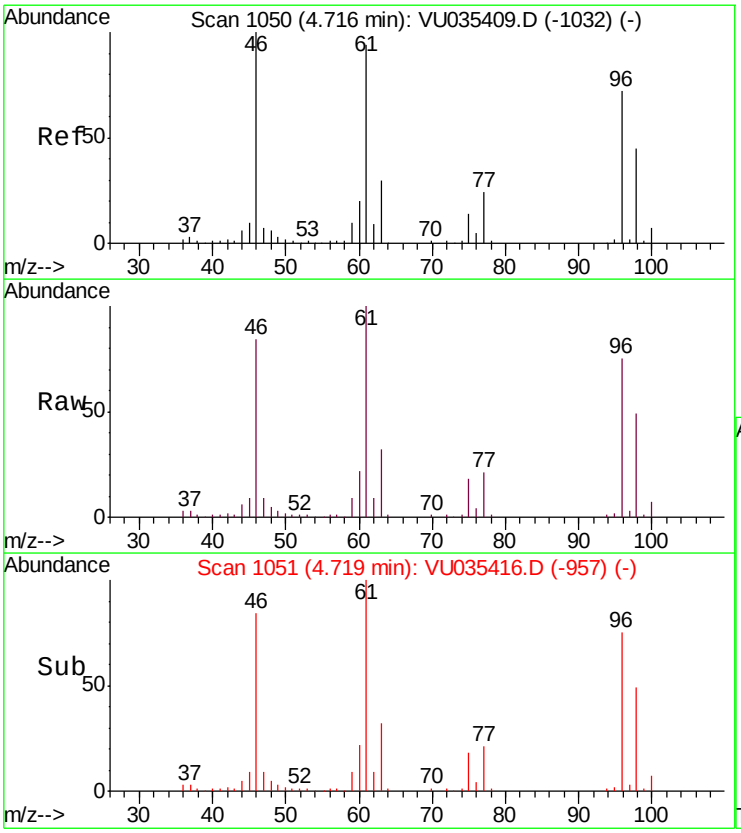
#21
2-Butanone
Concen: 2.593 ug/L
RT: 4.79 min Scan# 1074
Delta R.T. 0.01 min
Lab File: VU035416.D
Acq: 23 Oct 2019 18:00

Instrument :
MSVOA_U
ClientSampleId :
H0G00DL

Tgt Ion: 43 Resp: 12810

Ion	Ratio	Lower	Upper
43	100		
72	26.1	13.6	40.8

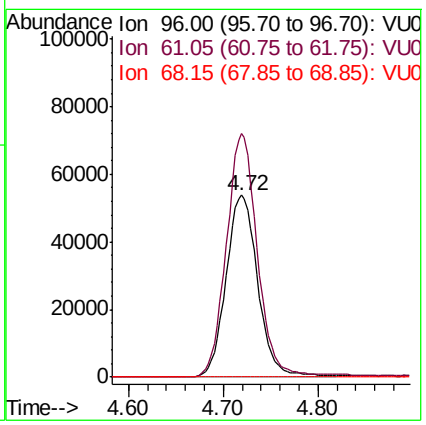


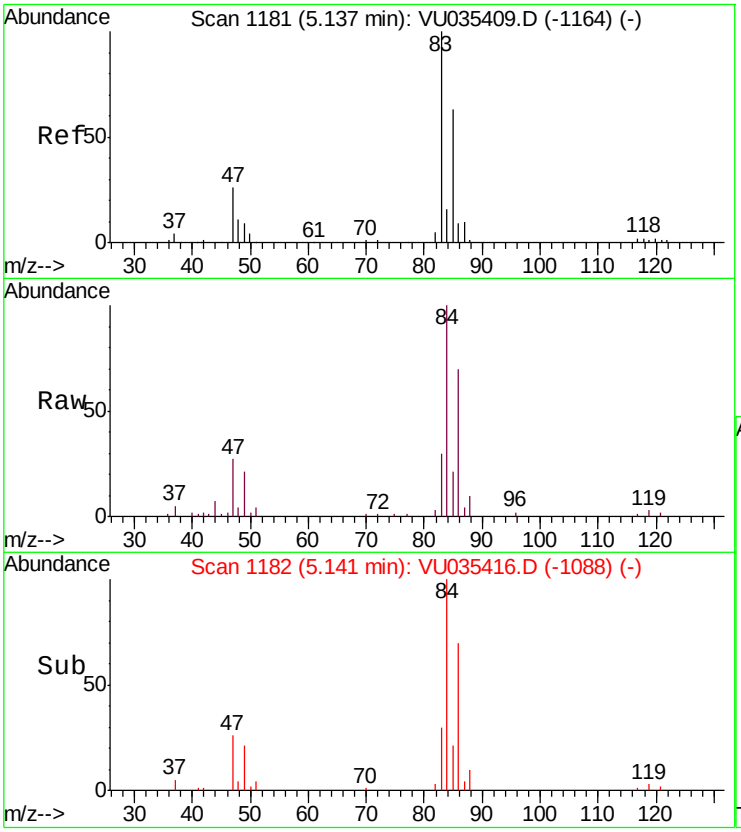


#22
cis-1,2-Dichloroethene
Concen: 6.583 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035416.D
Acq: 23 Oct 2019 18:00

Tgt Ion: 96 Resp: 125463

Ion	Ratio	Lower	Upper
96	100		
61	133.9	89.7	166.5
68	0.0	0.0	0.0



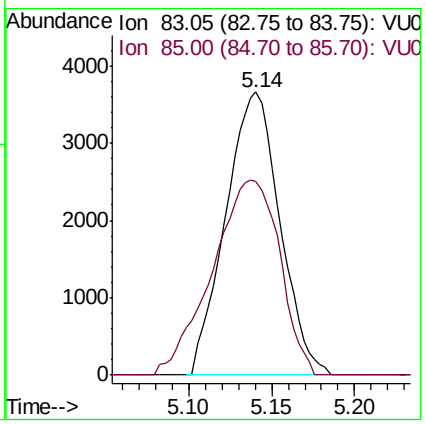


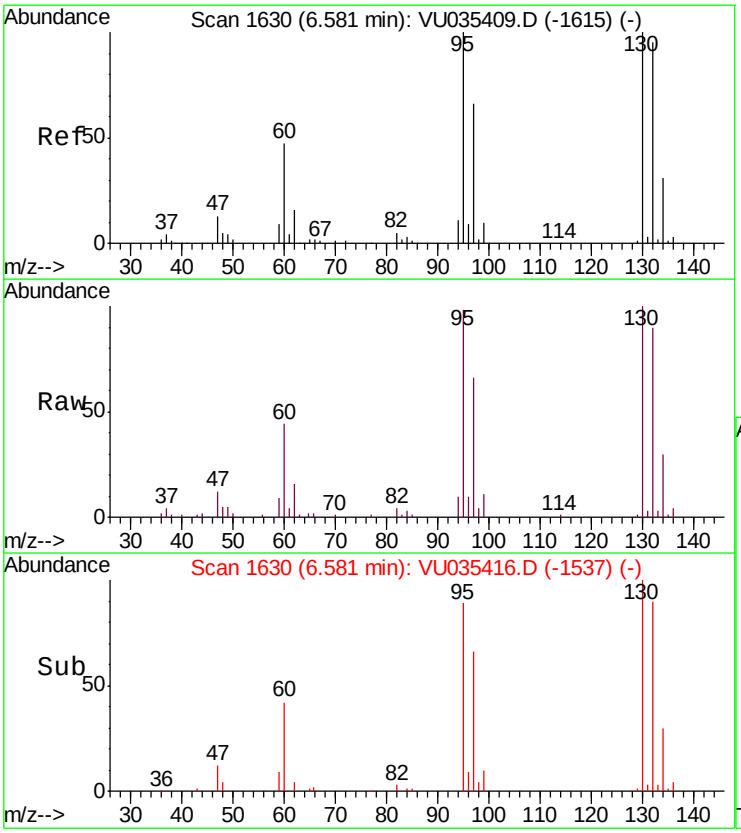
#25
Chloroform
Concen: 0.244 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035416.D
Acq: 23 Oct 2019 18:00

Instrument : MSVOA_U
ClientSampleId : H0G00DL

Tgt Ion: 83 Resp: 8333

Ion	Ratio	Lower	Upper
83	100		
85	68.4	45.1	83.9

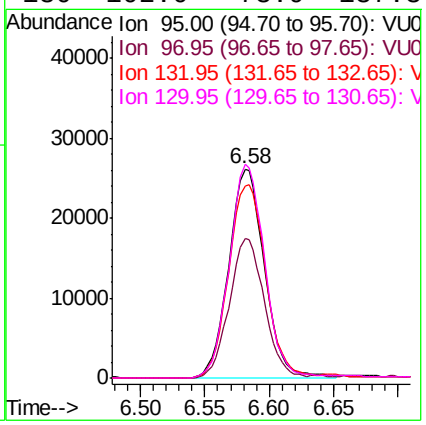


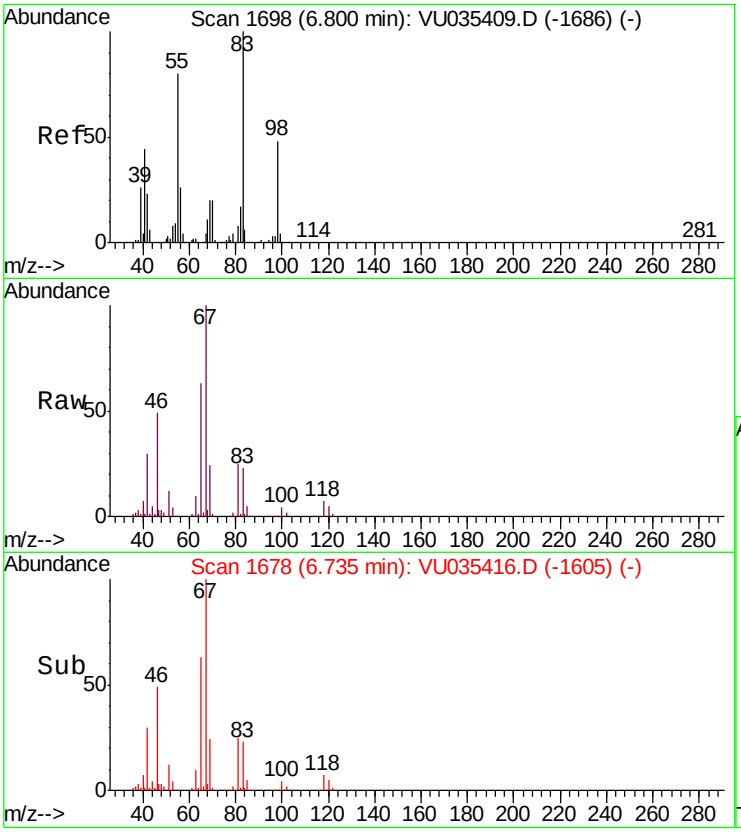


#34
Trichloroethene
Concen: 2.505 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035416.D
Acq: 23 Oct 2019 18:00

Tgt Ion: 95 Resp: 50505

Ion	Ratio	Lower	Upper
95	100		
97	67.0	46.6	86.6
132	91.8	68.7	127.7
130	102.0	73.9	137.3



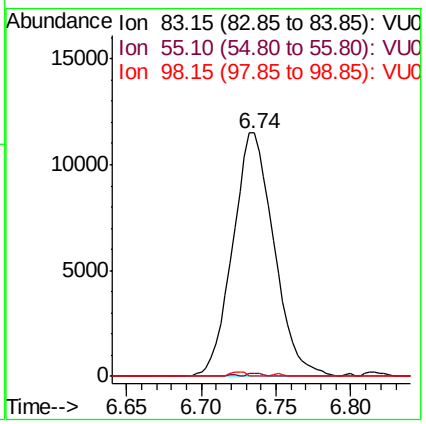


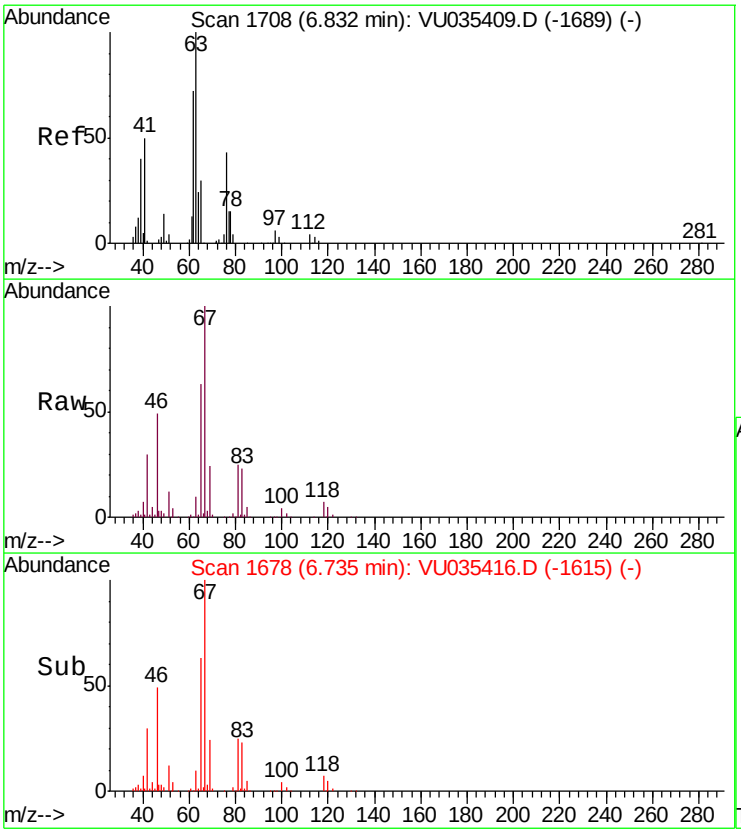
#35
Methylcyclohexane
Concen: 0.656 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035416.D
Acq: 23 Oct 2019 18:00

Instrument : MSVOA_U
ClientSampleId : H0G00DL

Tgt Ion: 83 Resp: 22090

Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.4	90.6#
98	0.7	39.5	59.3#

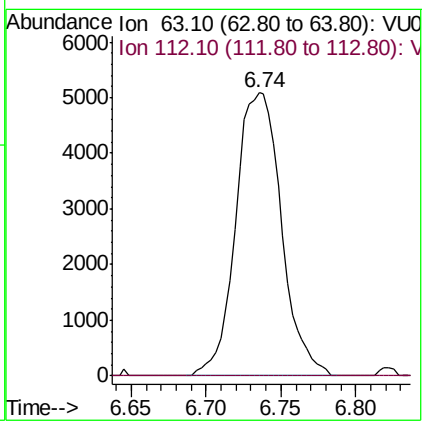


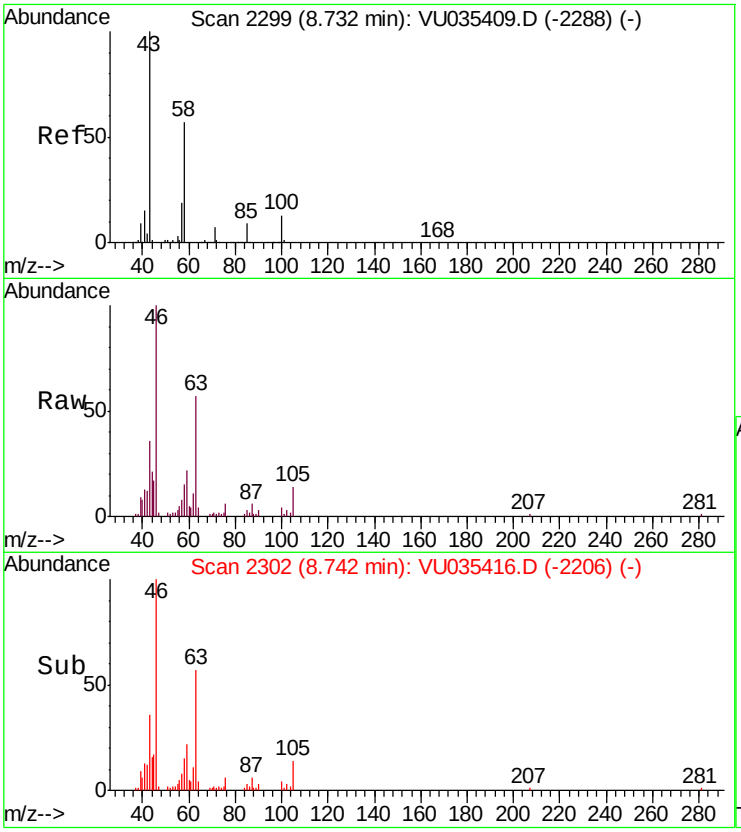


#37
1,2-Dichloropropane
Concen: 0.568 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035416.D
Acq: 23 Oct 2019 18:00

Tgt Ion: 63 Resp: 10811

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



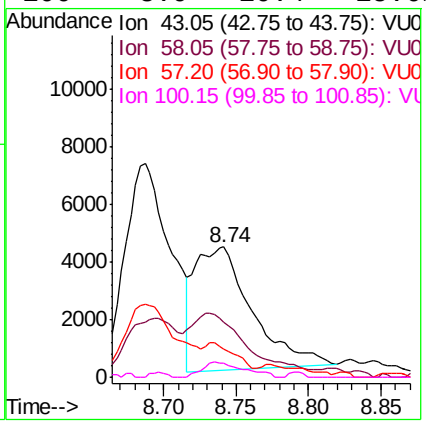


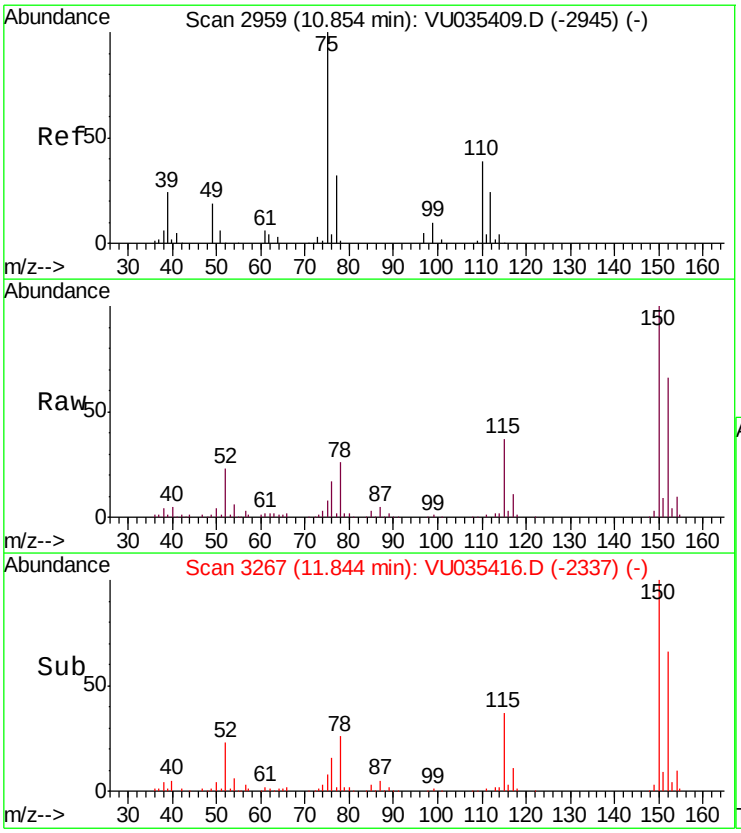
#48
2-Hexanone
Concen: 1.300 ug/L
RT: 8.74 min Scan# 2302
Delta R.T. 0.01 min
Lab File: VU035416.D
Acq: 23 Oct 2019 18:00

Instrument : MSVOA_U
ClientSampleId : H0G00DL

Tgt Ion: 43 Resp: 11721

Ion	Ratio	Lower	Upper
43	100		
58	53.6	45.1	67.7
57	16.0	16.0	24.0#
100	8.9	10.4	15.6#





#59
1,2,3-Trichloropropane
Concen: 0.801 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035416.D
Acq: 23 Oct 2019 18:00

Tgt Ion: 75 Resp: 10629

Ion	Ratio	Lower	Upper
75	100		
77	35.6	26.2	39.2