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

Quantitation Report (Not Reviewed)

Data File : VU035415.D
Acq On : 23 Oct 2019 17:35
Operator : JC/SP
Sample : K5461-05DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G03DL

Quant Time: Oct 24 05:24:23 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	240530	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	243593	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	75637	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	64051	4.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.40%			
7) Chloroethane-d5	1.93	69	65039	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.59	63	90423	3.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.60%			
20) 2-Butanone-d5	4.70	46	233337	55.36	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.72%			
24) Chloroform-d	5.11	84	138125	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
26) 1,2-Dichloroethane-d4	5.75	65	81223	5.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.40%			
32) Benzene-d6	5.77	84	268382	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.74	67	95292	5.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.80%			
41) Toluene-d8	7.93	98	221326	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.00%			
43) trans-1,3-Dichloropropene-	8.21	79	33092	3.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.20%			
46) 2-Hexanone-d5	8.68	63	163397	43.16	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.32%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	82730	5.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.00%			
64) 1,2-Dichlorobenzene-d4	12.23	152	68522	4.97	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	52811	2.532	ug/L	93
12) 1,1-Dichloroethene	2.59	96	939	0.061	ug/L #	1
16) Methylene chloride	3.08	84	3029	0.163	ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	4165	0.250	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	80414	4.363	ug/L	95
25) Chloroform	5.14	83	12016	0.363	ug/L	100
35) Methylcyclohexane	6.74	83	21902	0.680	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	10635	0.585	ug/L #	87
39) cis-1,3-Dichloropropene	7.61	75	2317	0.076	ug/L #	41
48) 2-Hexanone	8.73	43	8628	1.002	ug/L #	74
59) 1,2,3-Trichloropropane	11.84	75	9680	0.764	ug/L	92

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

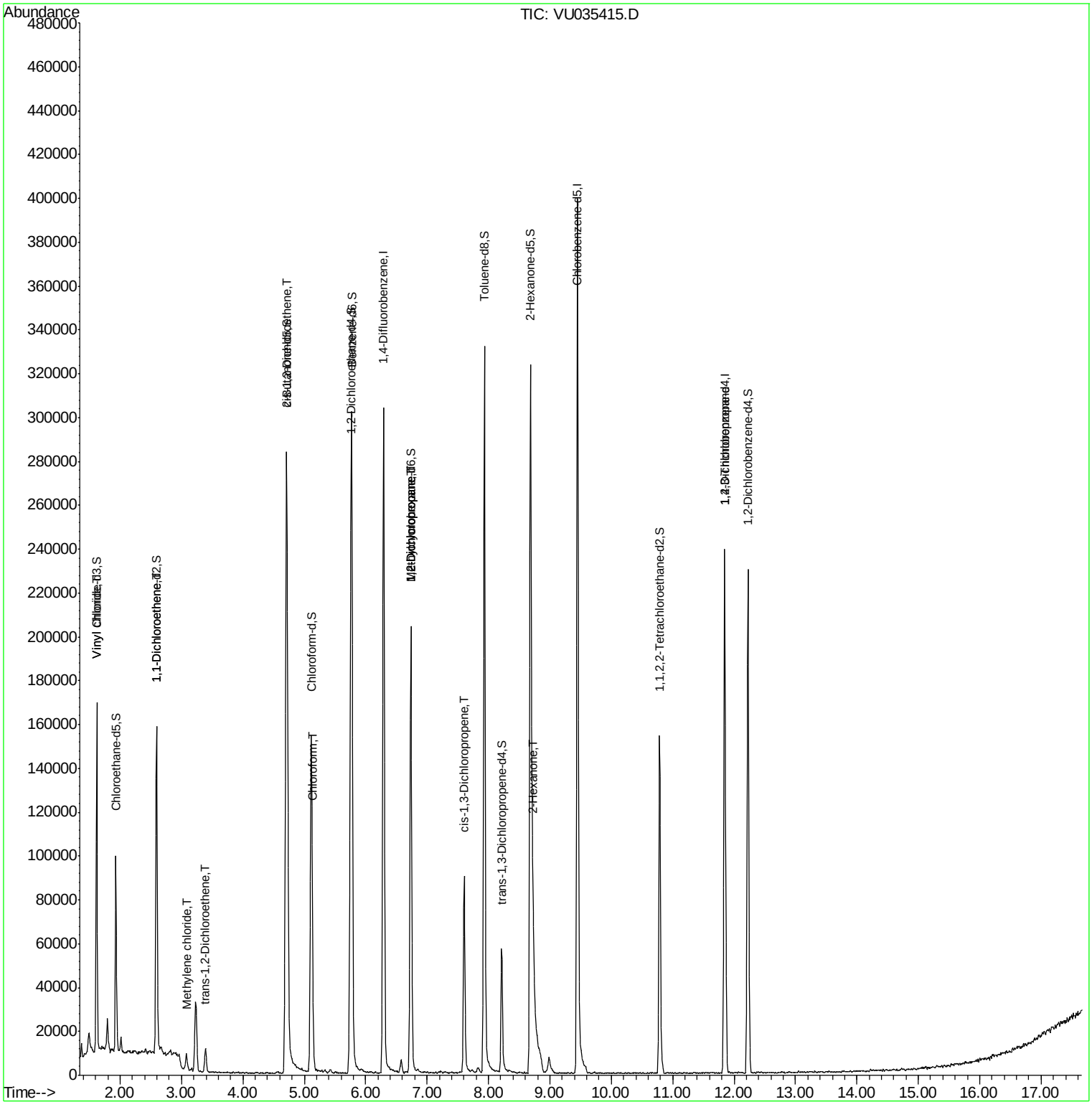
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\

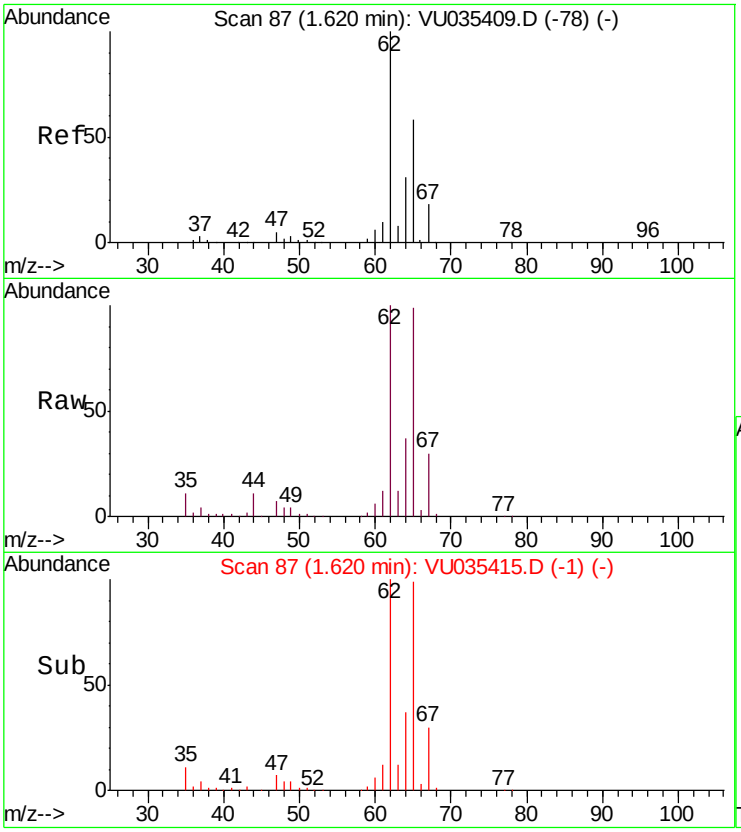
Quantitation Report (Not Reviewed)

Data File : VU035415.D
Acq On : 23 Oct 2019 17:35
Operator : JC/SP
Sample : K5461-05DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G03DL

Quant Time: Oct 24 05:24:23 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



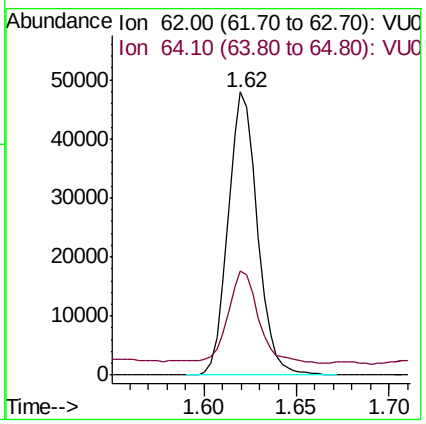


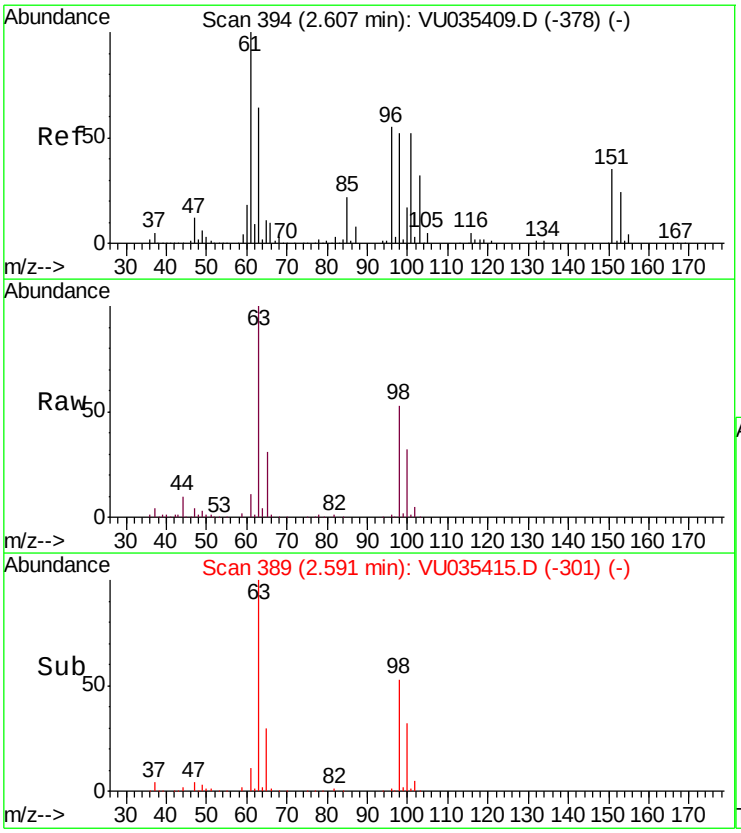
#5
Vinyl chloride
Concen: 2.532 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU035415.D
Acq: 23 Oct 2019 17:35

Instrument :
MSVOA_U
ClientSampleId :
H0G03DL

Tgt Ion: 62 Resp: 52811

Ion	Ratio	Lower	Upper
62	100		
64	36.9	22.9	42.5

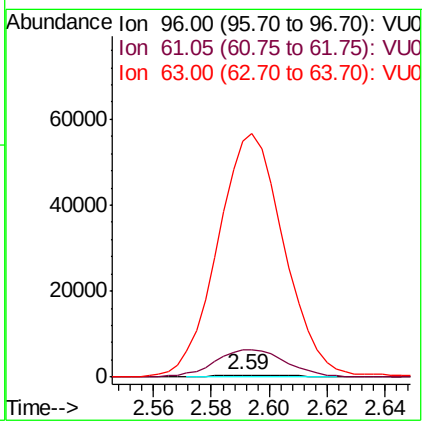


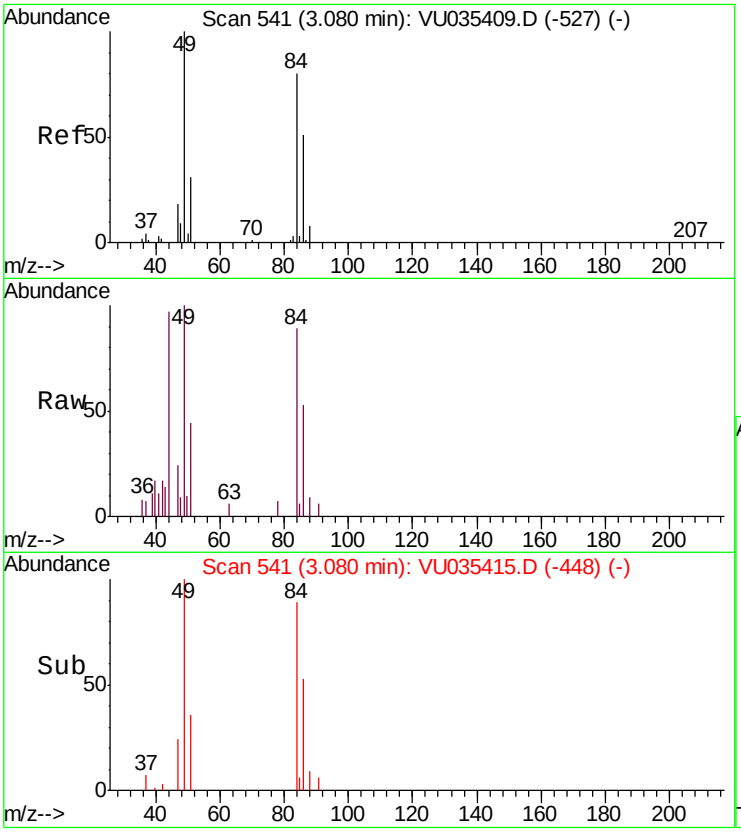


#12
1,1-Dichloroethene
Concen: 0.061 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.02 min
Lab File: VU035415.D
Acq: 23 Oct 2019 17:35

Tgt Ion: 96 Resp: 939

Ion	Ratio	Lower	Upper
96	100		
61	1301.4	120.6	224.0#
63	11362.3	86.8	161.2#



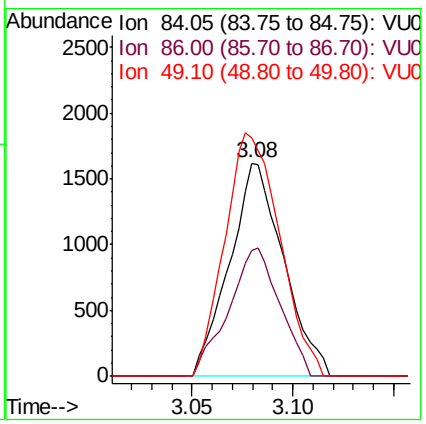


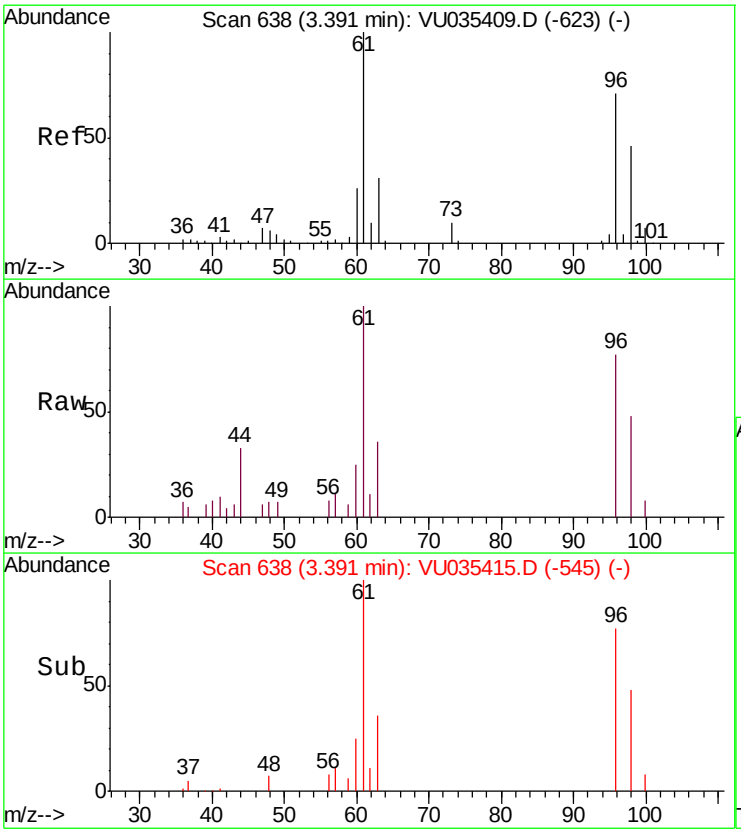
#16
Methylene chloride
Concen: 0.163 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU035415.D
Acq: 23 Oct 2019 17:35

Instrument : MSVOA_U
ClientSampleId : H0G03DL

Tgt Ion: 84 Resp: 3029

Ion	Ratio	Lower	Upper
84	100		
86	59.2	45.4	84.2
49	122.7	86.8	161.2

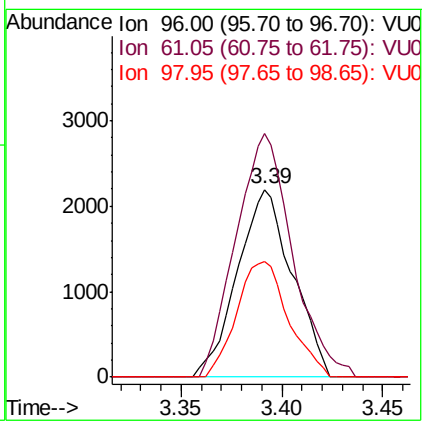


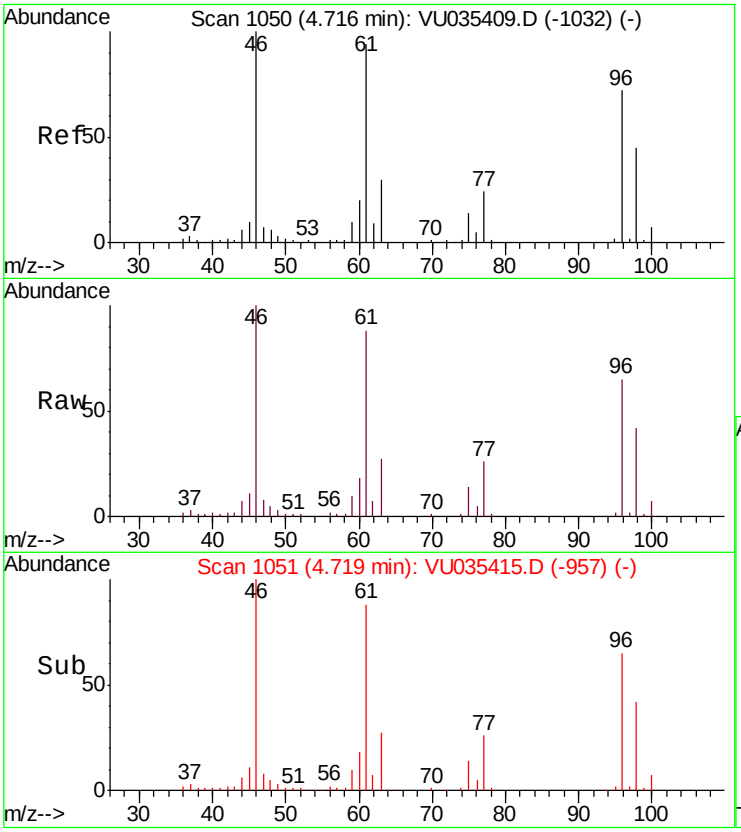


#18
trans-1,2-Dichloroethene
Concen: 0.250 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035415.D
Acq: 23 Oct 2019 17:35

Tgt Ion: 96 Resp: 4165

Ion	Ratio	Lower	Upper
96	100		
61	130.0	93.0	172.6
98	61.8	43.7	81.1



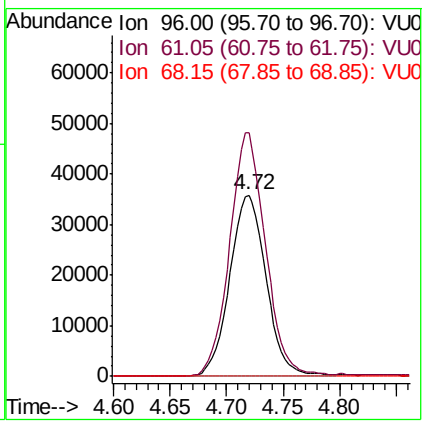


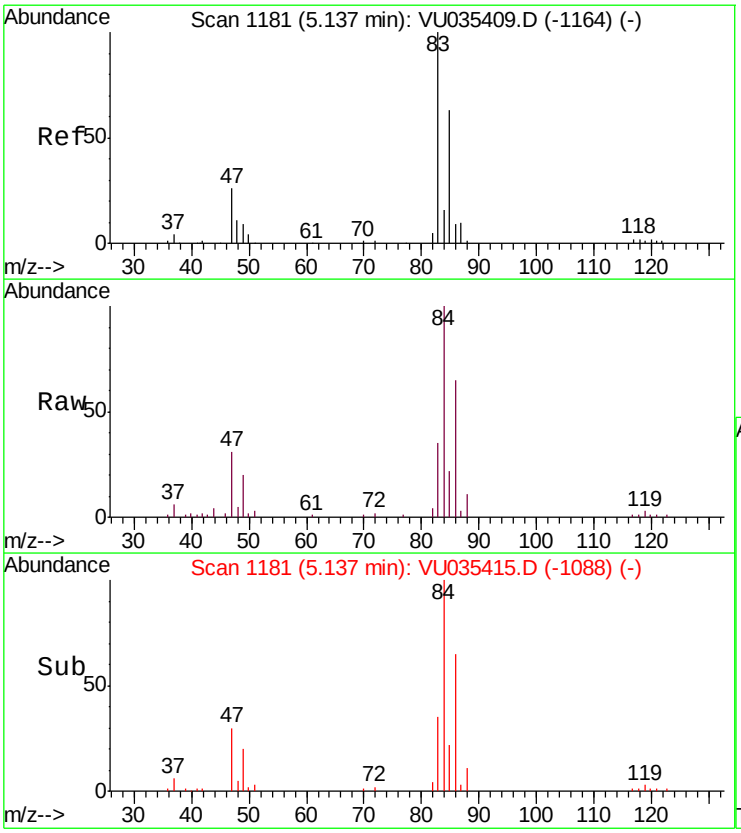
#22
cis-1,2-Dichloroethene
Concen: 4.363 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035415.D
Acq: 23 Oct 2019 17:35

Instrument :
MSVOA_U
ClientSampleId :
H0G03DL

Tgt Ion: 96 Resp: 80414

Ion	Ratio	Lower	Upper
96	100		
61	134.4	89.7	166.5
68	0.0	0.0	0.0

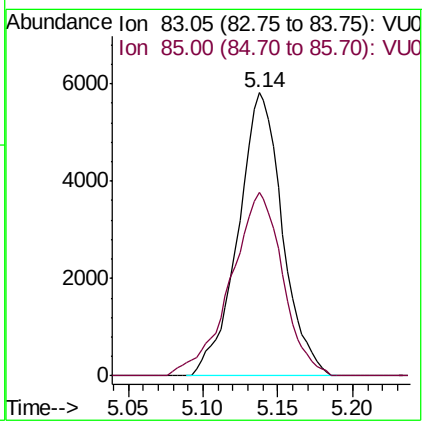


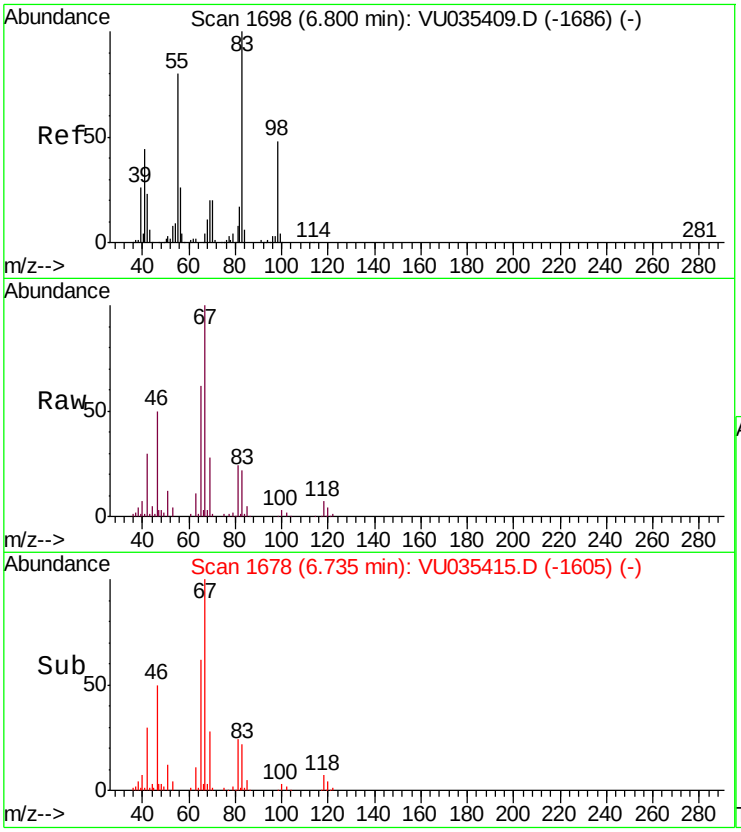


#25
Chloroform
Concen: 0.363 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035415.D
Acq: 23 Oct 2019 17:35

Tgt Ion: 83 Resp: 12016

Ion	Ratio	Lower	Upper
83	100		
85	64.7	45.1	83.9



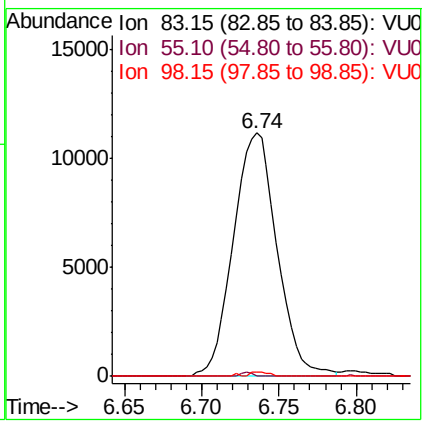


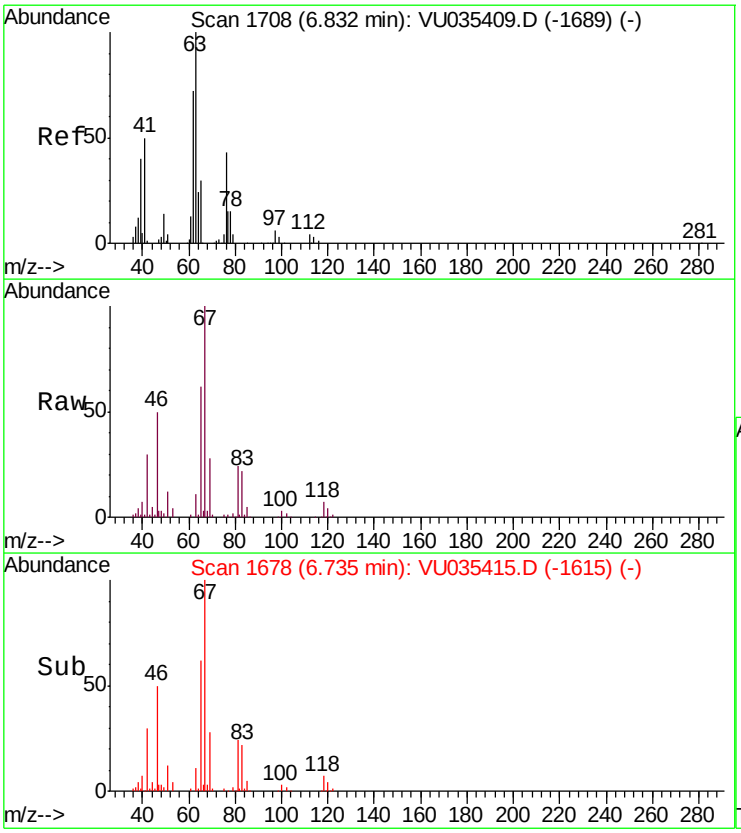
#35
Methylcyclohexane
Concen: 0.680 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035415.D
Acq: 23 Oct 2019 17:35

Instrument : MSVOA_U
ClientSampleId : H0G03DL

Tgt Ion: 83 Resp: 21902

Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.4	90.6#
98	0.8	39.5	59.3#

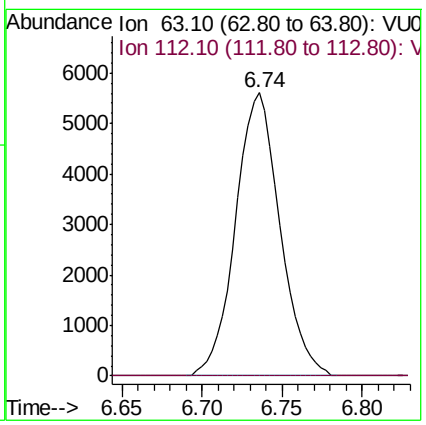


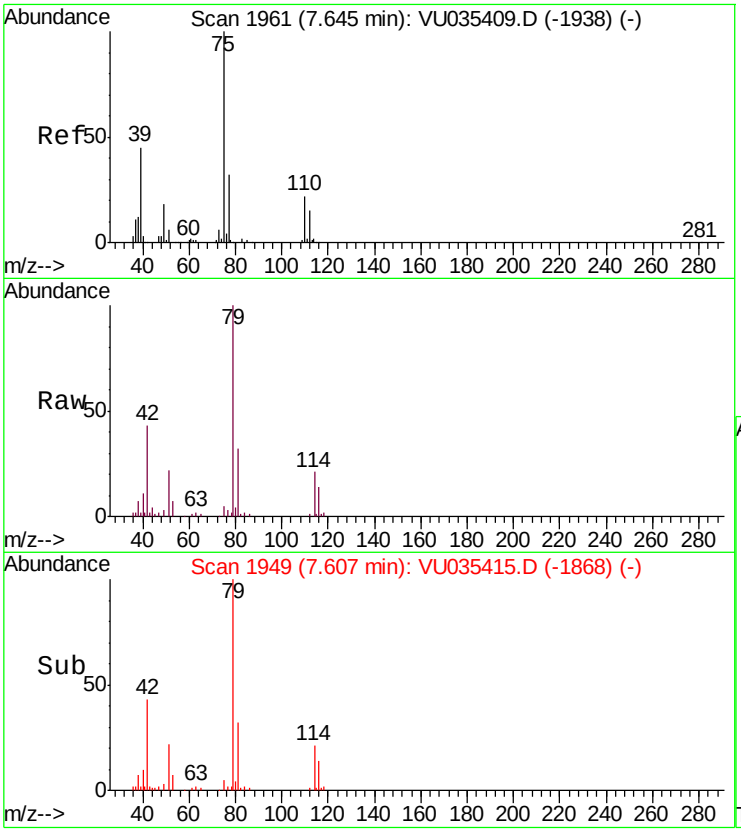


#37
1,2-Dichloropropane
Concen: 0.585 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035415.D
Acq: 23 Oct 2019 17:35

Tgt Ion: 63 Resp: 10635

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.7	5.5#



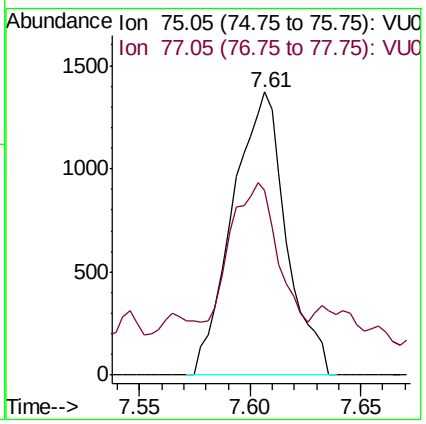


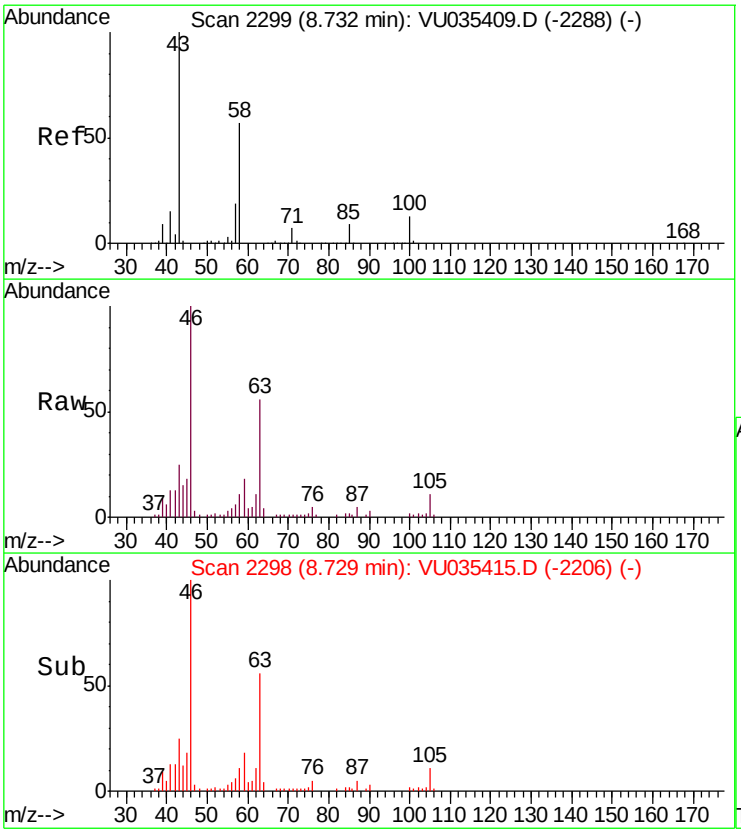
#39
cis-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.61 min Scan# 1949
Delta R.T. -0.04 min
Lab File: VU035415.D
Acq: 23 Oct 2019 17:35

Instrument : MSVOA_U
ClientSampleId : H0G03DL

Tgt Ion: 75 Resp: 2317

Ion	Ratio	Lower	Upper
75	100		
77	65.2	22.7	42.1#

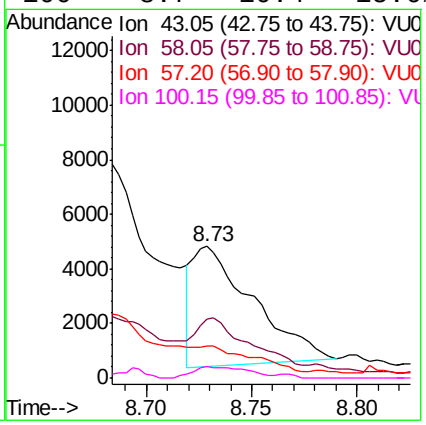


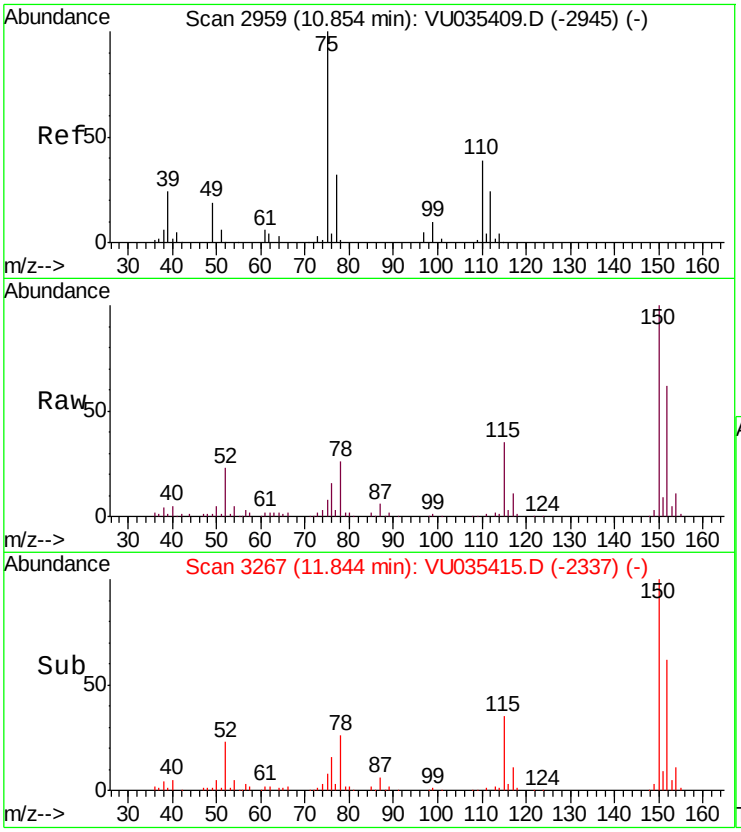


#48
2-Hexanone
Concen: 1.002 ug/L
RT: 8.73 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VU035415.D
Acq: 23 Oct 2019 17:35

Tgt Ion: 43 Resp: 8628

Ion	Ratio	Lower	Upper
43	100		
58	39.2	45.1	67.7#
57	0.0	16.0	24.0#
100	8.7	10.4	15.6#





#59
1,2,3-Trichloropropane
Concen: 0.764 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035415.D
Acq: 23 Oct 2019 17:35

Instrument :
MSVOA_U
ClientSampleId :
H0G03DL

Tgt Ion: 75 Resp: 9680

Ion	Ratio	Lower	Upper
75	100		
77	37.3	26.2	39.2