Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035387.D
Acq On : 23 Oct 2019 01:00
Operator : JC/SP
Sample : K5461-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 23 08:08:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:02:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	255327	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	256582	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	83751	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	114852	7.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 147.60%#			
7) Chloroethane-d5	1.93	69	99975	7.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 140.40%#			
11) 1,1-Dichloroethene-d2	2.59	63	154709	5.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 107.40%			
20) 2-Butanone-d5	4.71	46	229593	51.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.64%			
24) Chloroform-d	5.11	84	165264	5.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 116.20%			
26) 1,2-Dichloroethane-d4	5.75	65	96723	6.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 122.80%			
32) Benzene-d6	5.77	84	362137	6.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 123.40%			
36) 1,2-Dichloropropane-d6	6.74	67	117971	6.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 126.60%			
41) Toluene-d8	7.93	98	309455	5.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.20%			
43) trans-1,3-Dichloropropene-	8.21	79	39304	4.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.00%			
46) 2-Hexanone-d5	8.69	63	179685	45.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.12%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92737	5.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.60%			
64) 1,2-Dichlorobenzene-d4	12.23	152	91475	6.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 120.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	200991	9.079	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2162	0.127	ug/L #	49
12) 1,1-Dichloroethene	2.61	96	8713	0.531	ug/L #	1
13) Acetone	2.67	43	3471	1.115	ug/L	91
14) Carbon disulfide	2.82	76	3922	0.076	ug/L #	46
16) Methylene chloride	3.08	84	2230	0.113	ug/L	95
17) Methyl tert-butyl Ether	3.43	73	555246	12.577	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	41955	2.370	ug/L	96
19) 1,1-Dichloroethane	3.92	63	68346	2.135	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	2287566	116.913	ug/L	97
25) Chloroform	5.14	83	19499	0.555	ug/L	98
33) Benzene	5.82	78	33233	0.440	ug/L	100
34) Trichloroethene	6.58	95	3325795	163.860	ug/L	96
35) Methylcyclohexane	6.74	83	27602	0.814	ug/L #	19
39) cis-1,3-Dichloropropene	7.60	75	2803	0.087	ug/L #	64
42) Toluene	8.01	91	9231	0.111	ug/L	88
47) Tetrachloroethene	8.58	164	52729	3.118	ug/L	95

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035387.D
Acq On : 23 Oct 2019 01:00
Operator : JC/SP
Sample : K5461-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 23 08:08:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:02:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Hexanone	8.69	43	30503	3.362	ug/L	#	62
49) Dibromochloromethane	8.58	129	46767	2.593	ug/L	#	11
59) 1,2,3-Trichloropropane	11.85	75	10754	0.805	ug/L		96

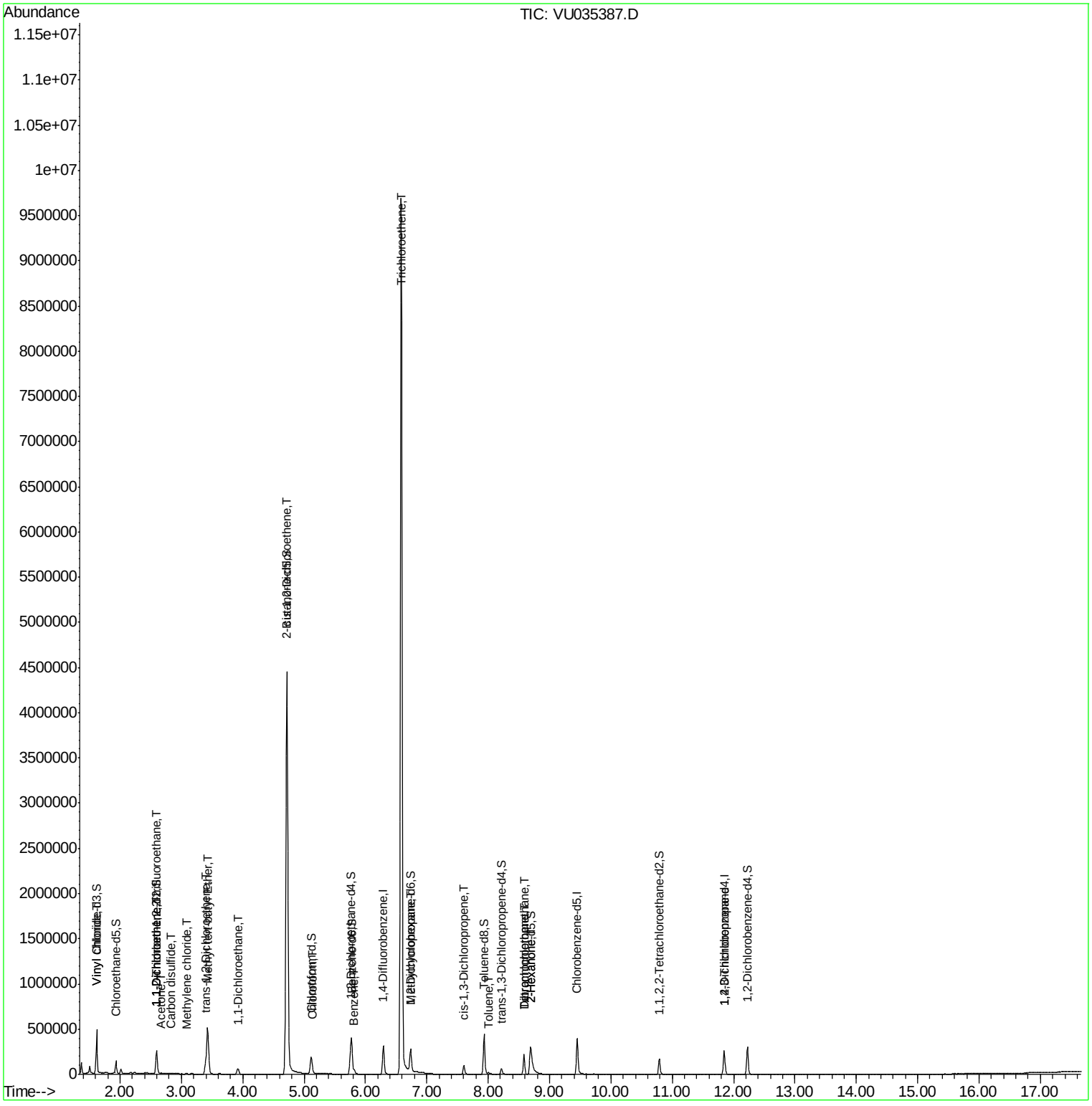
(#) = qualifier out of range (m) = manual integration (+) = signals summed

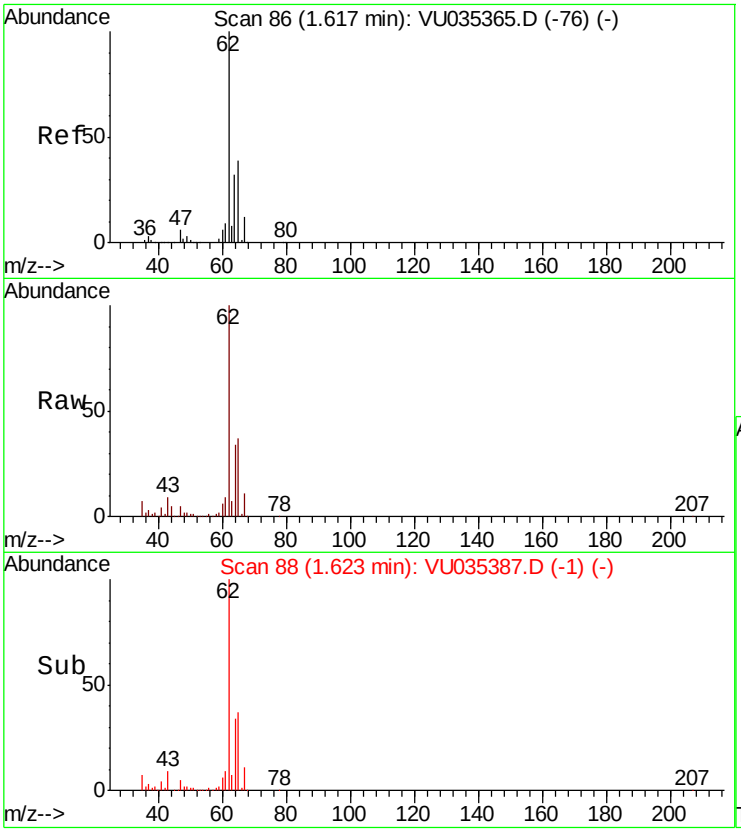
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035387.D
Acq On : 23 Oct 2019 01:00
Operator : JC/SP
Sample : K5461-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 23 08:08:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:02:08 2019
Response via : Initial Calibration



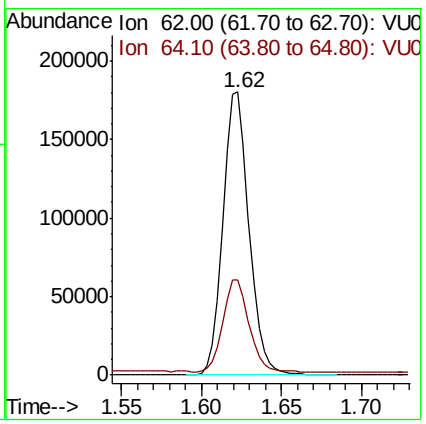


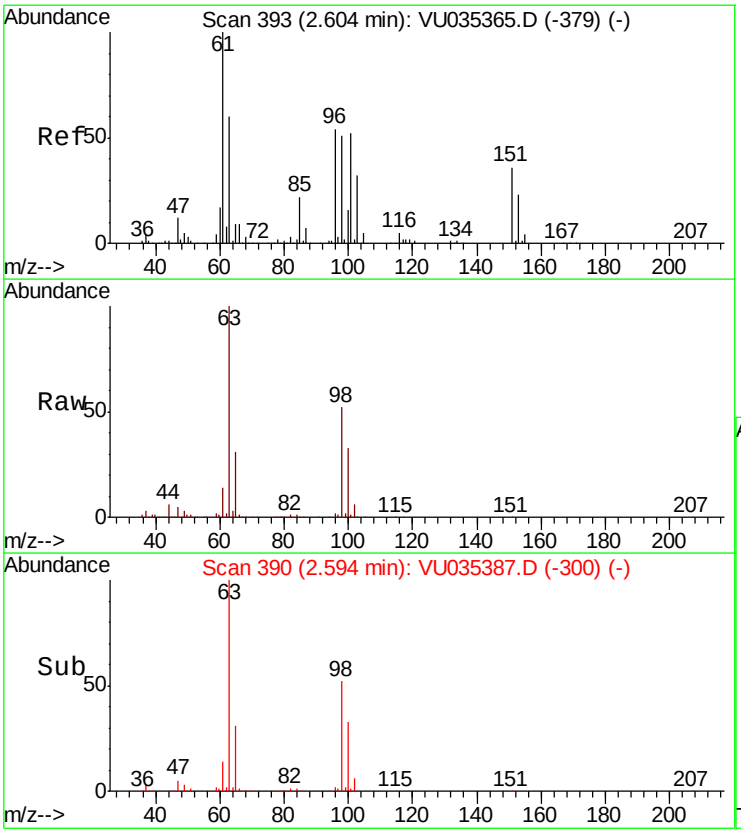
#5
Vinyl chloride
Concen: 9.079 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 200991

Ion	Ratio	Lower	Upper
62	100		
64	33.7	22.9	42.5

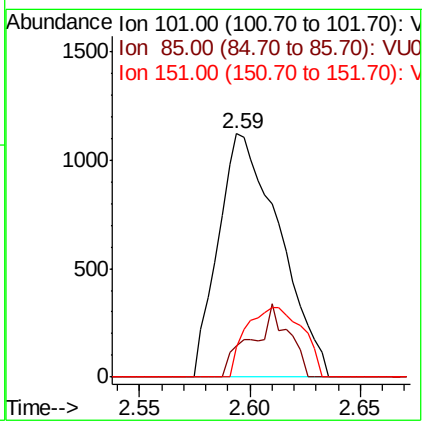


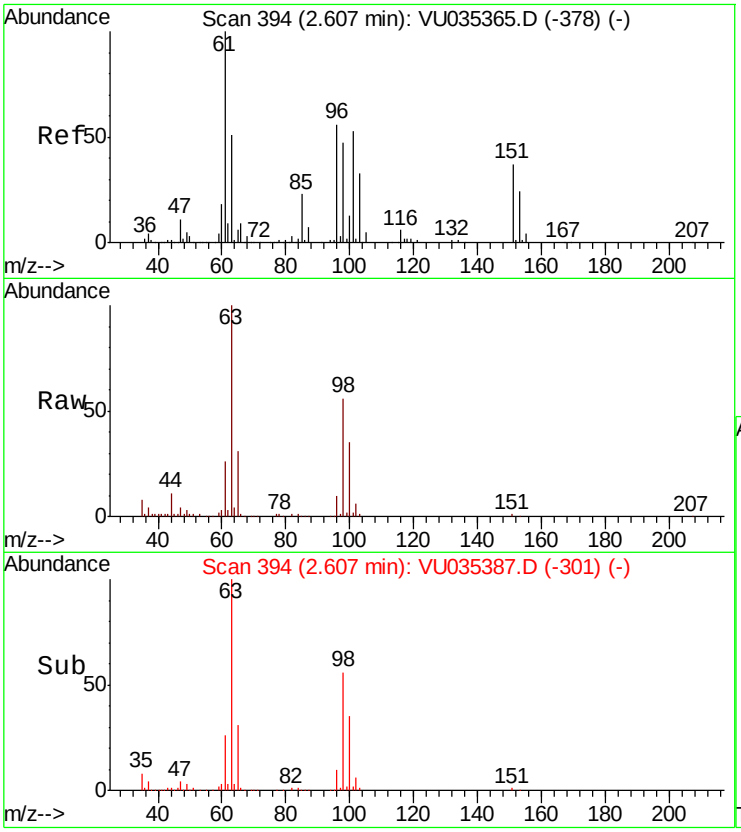


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.127 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.01 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Tgt Ion:101 Resp: 2162

Ion	Ratio	Lower	Upper
101	100		
85	18.0	33.9	50.9#
151	26.3	61.0	91.4#



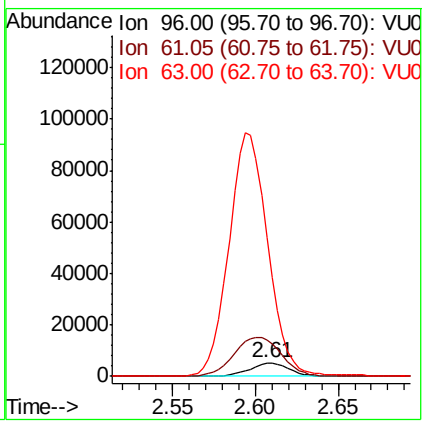


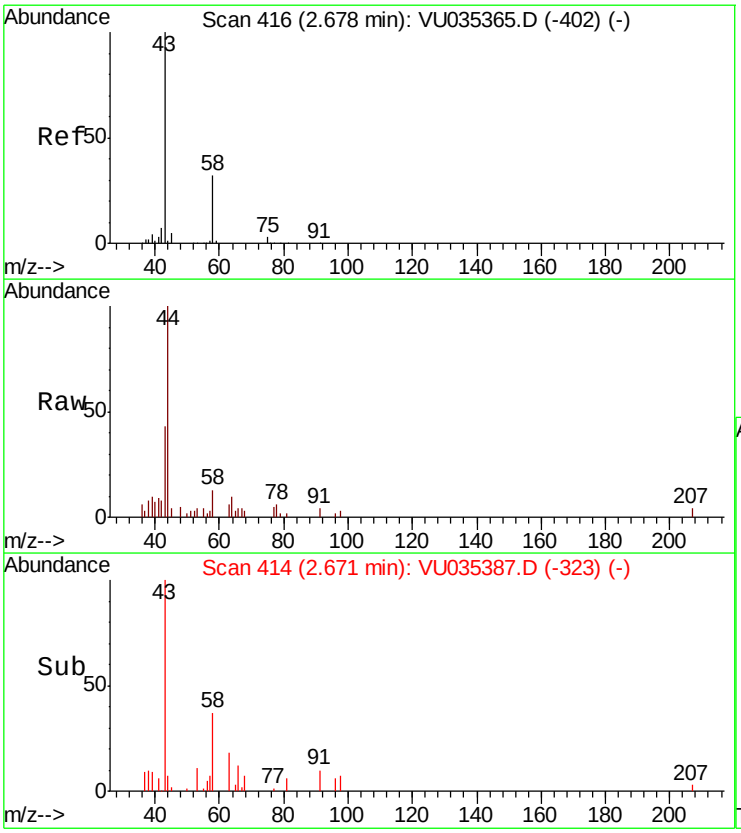
#12
1,1-Dichloroethene
Concen: 0.531 ug/L
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 8713

Ion	Ratio	Lower	Upper
96	100		
61	266.3	120.6	224.0#
63	1013.0	86.8	161.2#

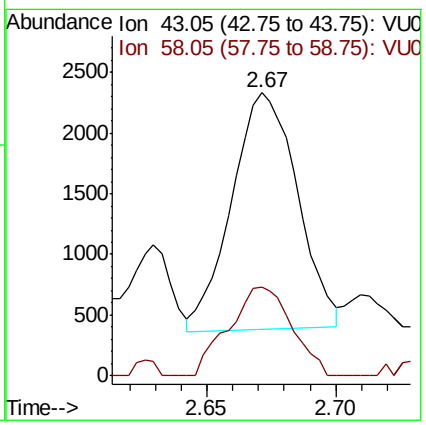


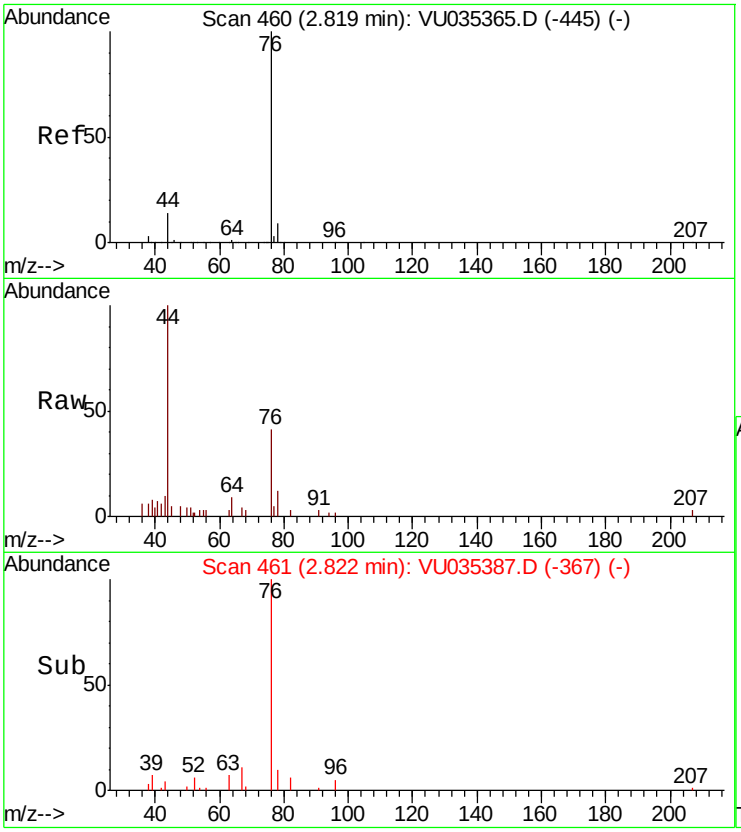


#13
Acetone
Concen: 1.115 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.01 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Tgt Ion: 43 Resp: 3471

Ion	Ratio	Lower	Upper
43	100		
58	35.9	0.0	61.8



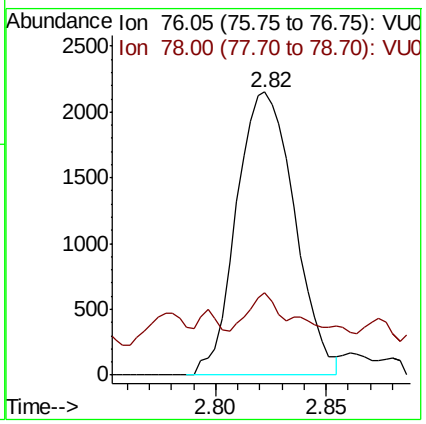


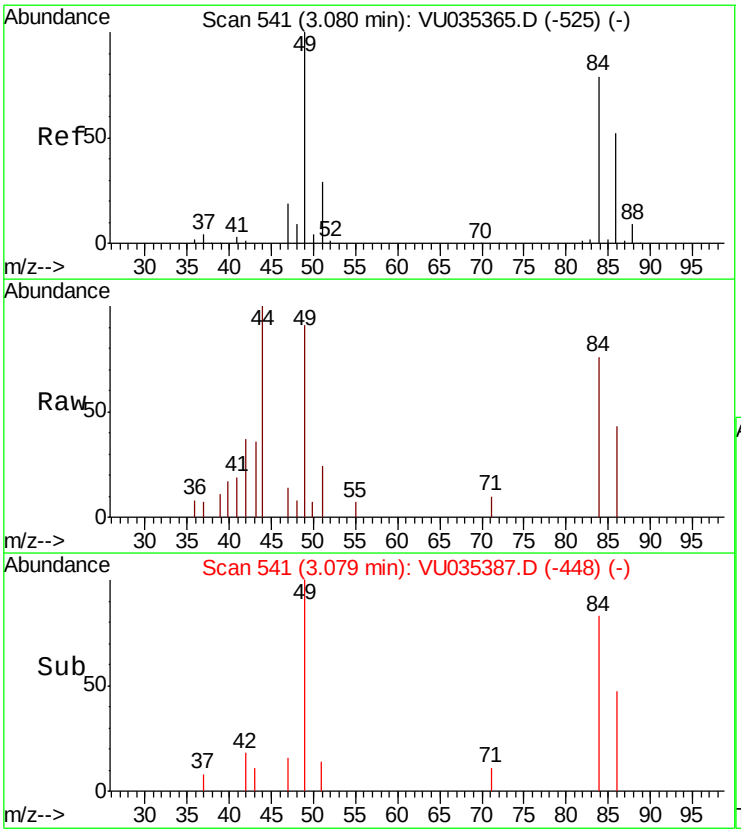
#14
Carbon disulfide
Concen: 0.076 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 76 Resp: 3922

Ion	Ratio	Lower	Upper
76	100		
78	29.2	7.6	11.4#

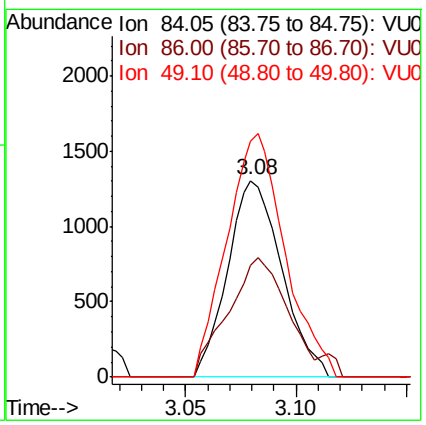


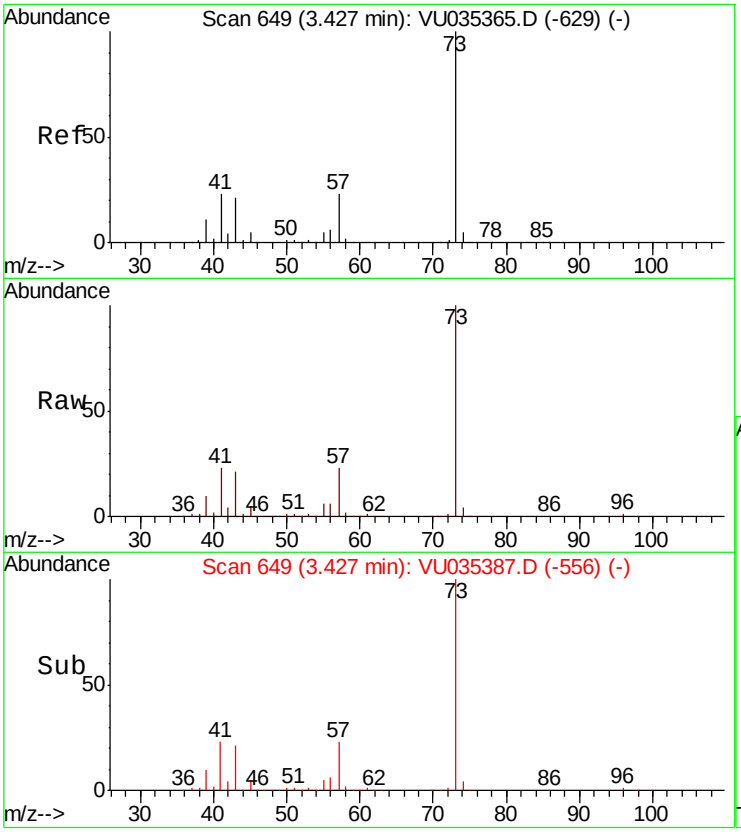


#16
Methylene chloride
Concen: 0.113 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Tgt Ion: 84 Resp: 2230

Ion	Ratio	Lower	Upper
84	100		
86	56.9	45.4	84.2
49	120.5	86.8	161.2



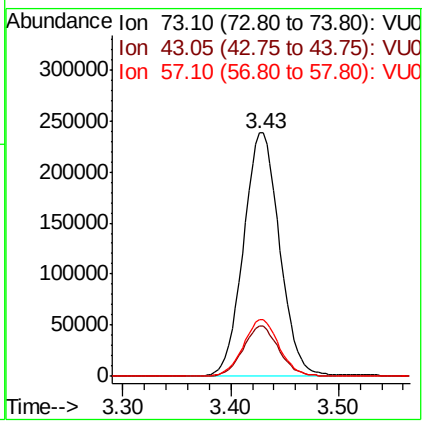


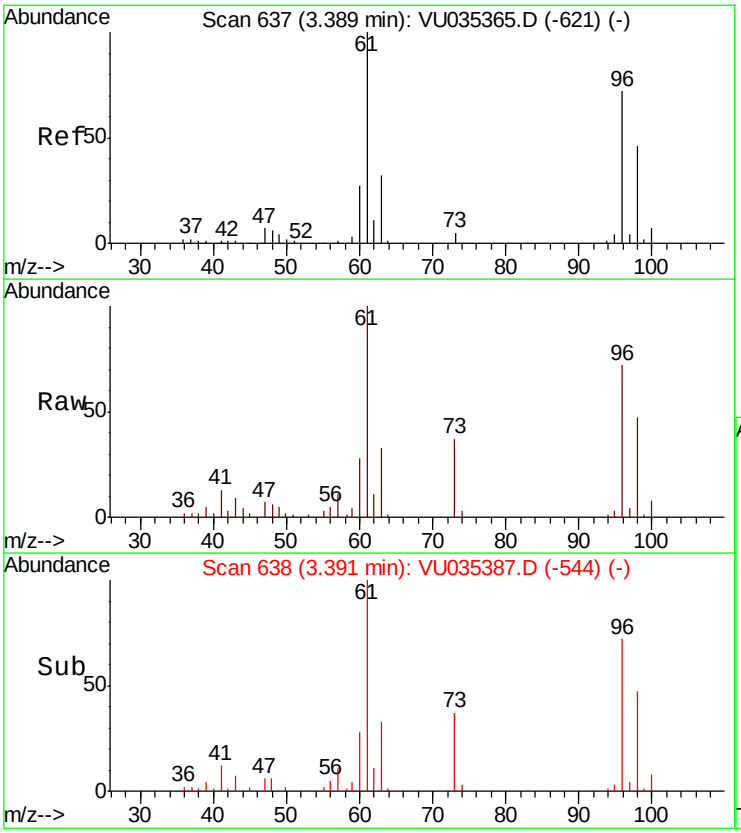
#17
Methyl tert-butyl Ether
Concen: 12.577 ug/L
RT: 3.43 min Scan# 649
Delta R.T. -0.00 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 555246

Ion	Ratio	Lower	Upper
73	100		
43	20.6	16.0	24.0
57	23.3	17.4	26.2

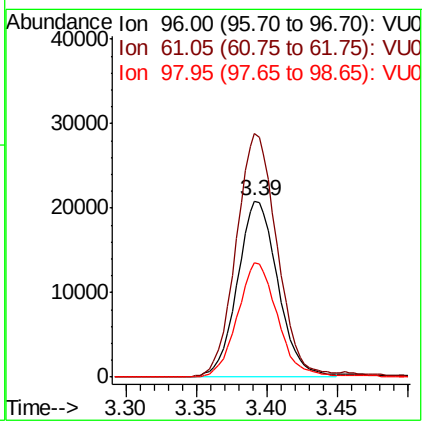


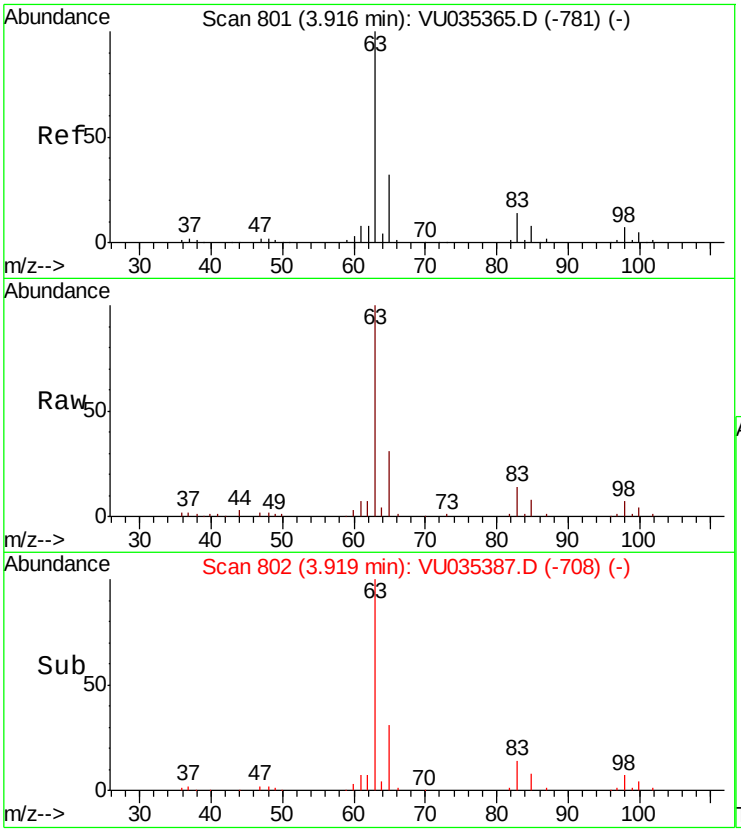


#18
trans-1,2-Dichloroethene
Concen: 2.370 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Tgt Ion: 96 Resp: 41955

Ion	Ratio	Lower	Upper
96	100		
61	138.2	93.0	172.6
98	64.6	43.7	81.1



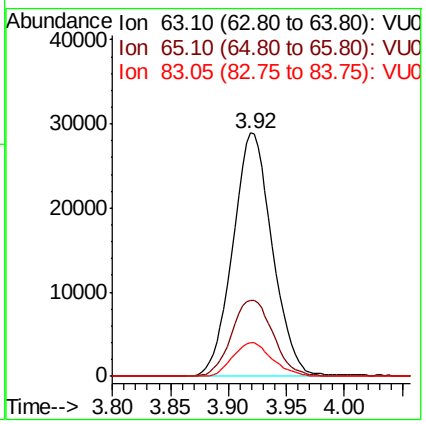


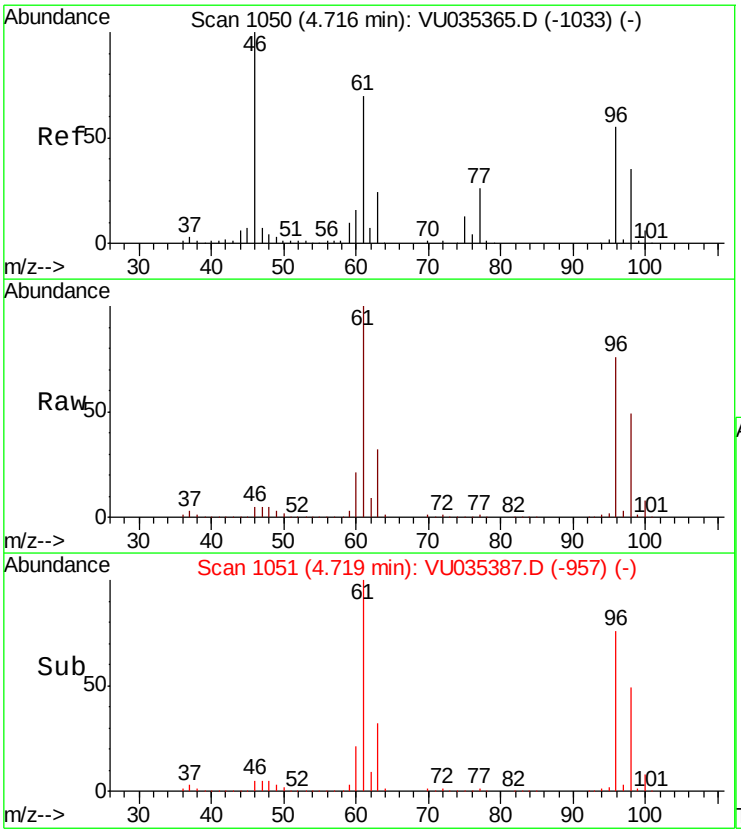
#19
1,1-Dichloroethane
Concen: 2.135 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 68346

Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.4	41.6
83	13.8	9.3	17.3

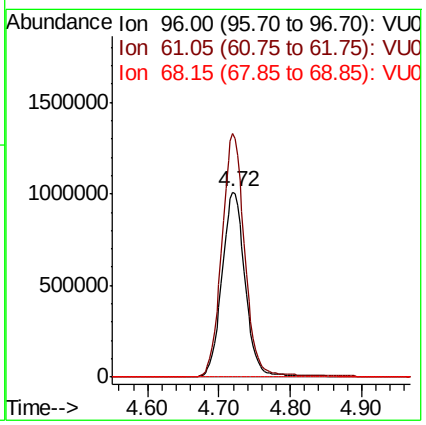


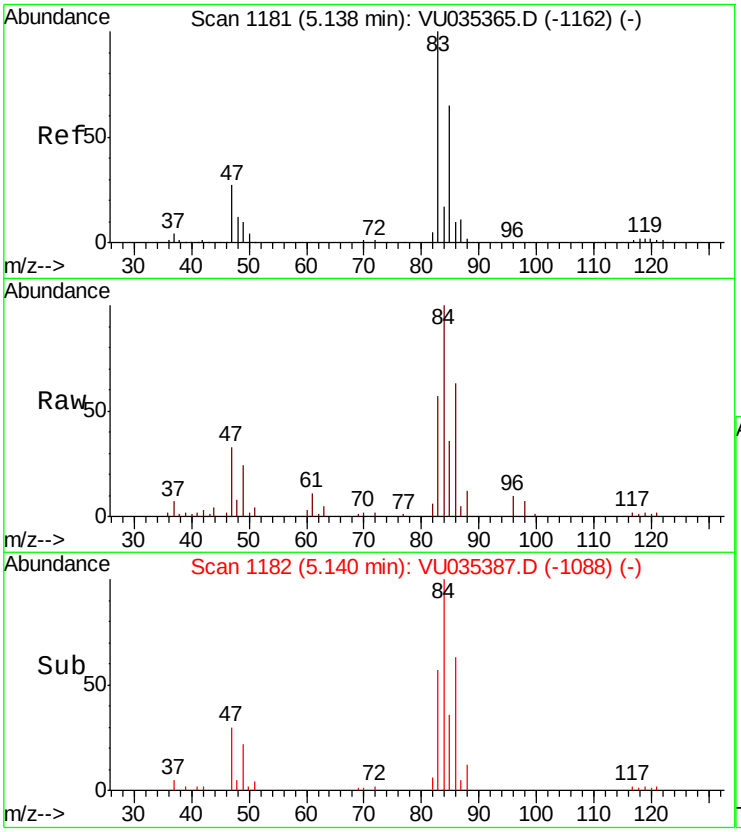


#22
cis-1,2-Dichloroethene
Concen: 116.913 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Tgt Ion: 96 Resp: 2287566

Ion	Ratio	Lower	Upper
96	100		
61	131.5	89.7	166.5
68	0.0	0.0	0.0



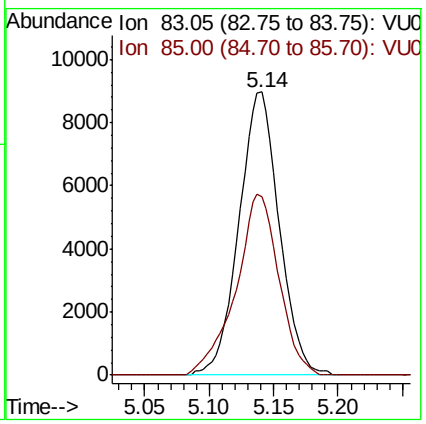


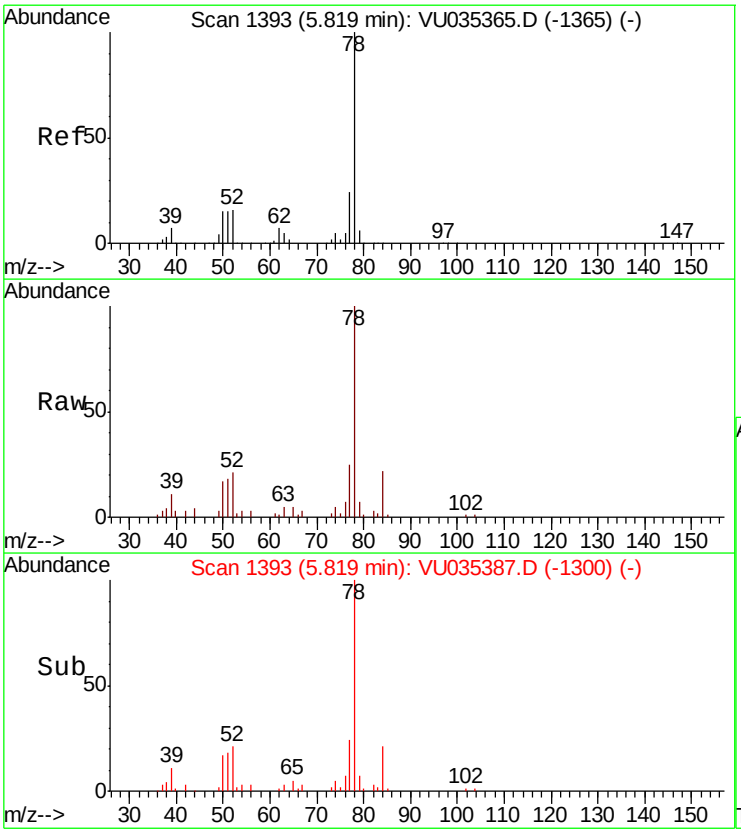
#25
Chloroform
Concen: 0.555 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 19499

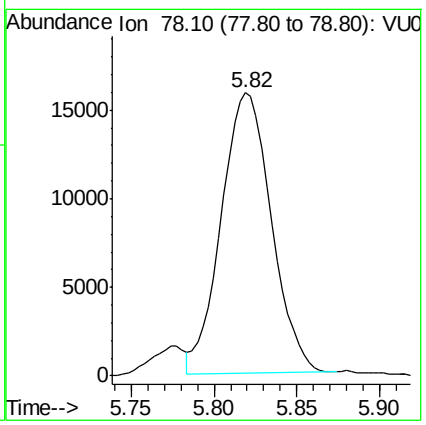
Ion	Ratio	Lower	Upper
83	100		
85	63.1	45.1	83.9

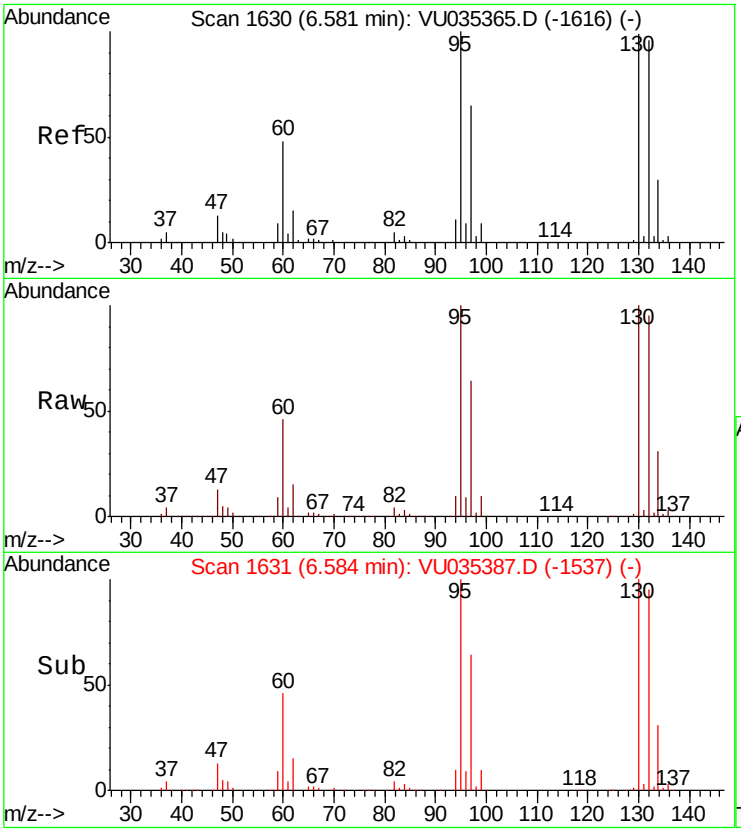




#33
Benzene
Concen: 0.440 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Tgt Ion: 78 Resp: 33233



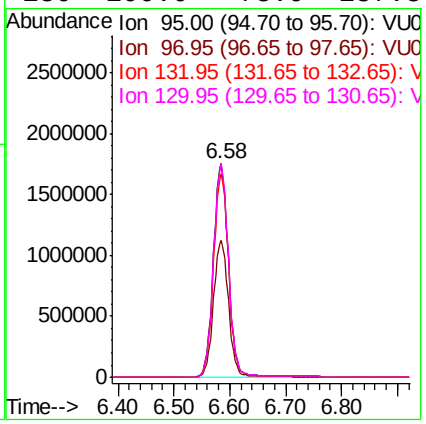


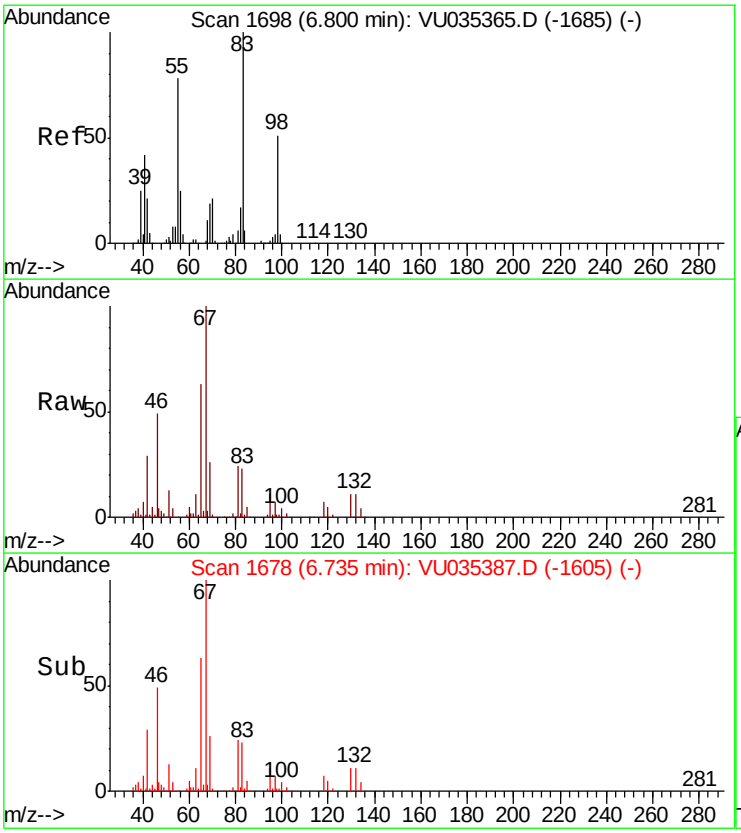
#34
Trichloroethene
Concen: 163.860 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 3325795

Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.6	86.6
132	95.5	68.7	127.7
130	100.0	73.9	137.3

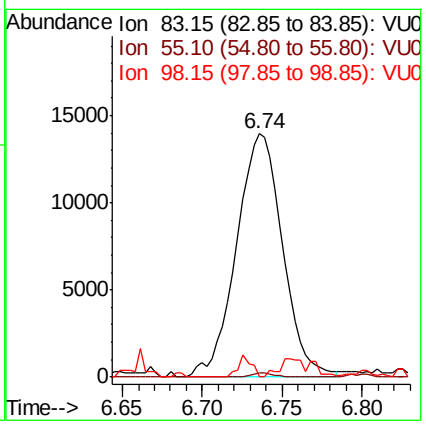


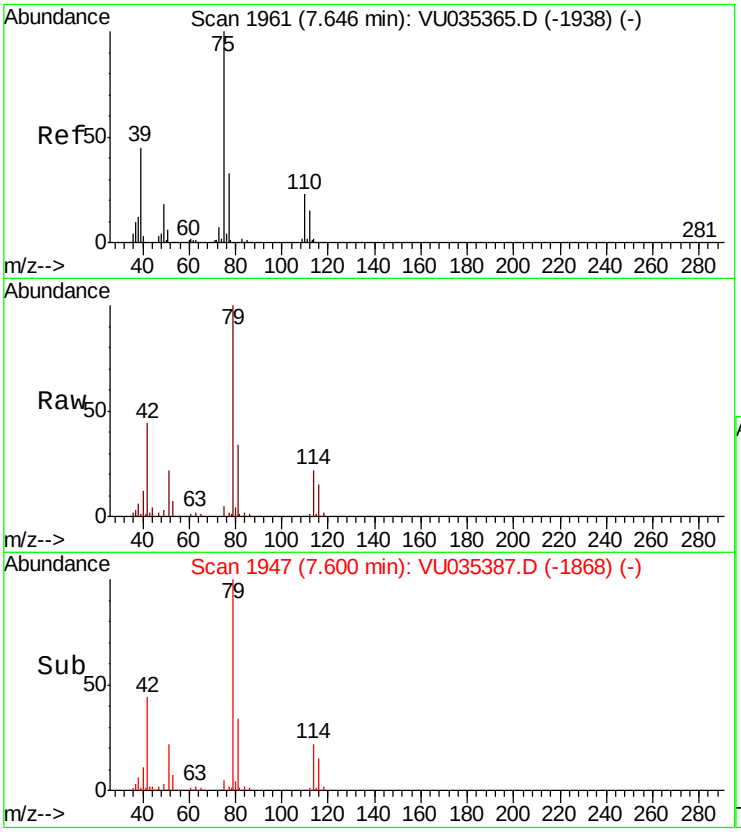


#35
Methylcyclohexane
Concen: 0.814 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Tgt Ion: 83 Resp: 27602

Ion	Ratio	Lower	Upper
83	100		
55	0.8	60.4	90.6#
98	0.0	39.5	59.3#



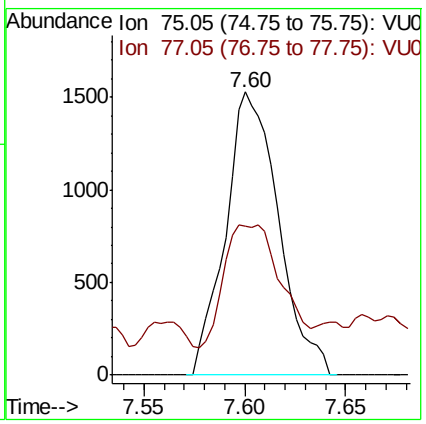


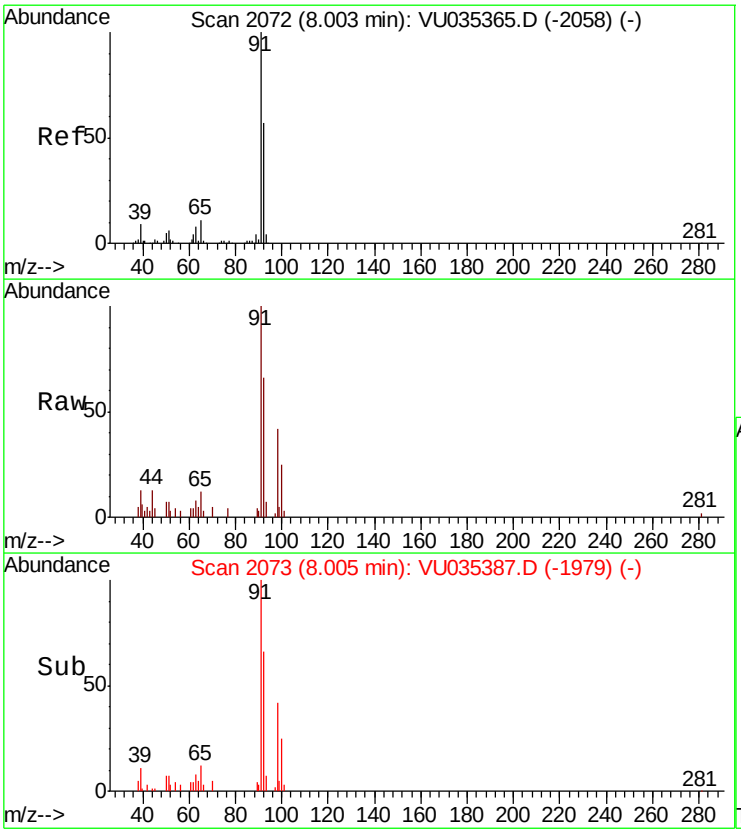
#39
cis-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.05 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2803

Ion	Ratio	Lower	Upper
75	100		
77	52.6	22.7	42.1#

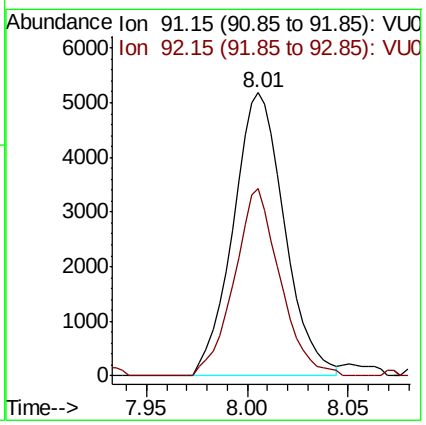


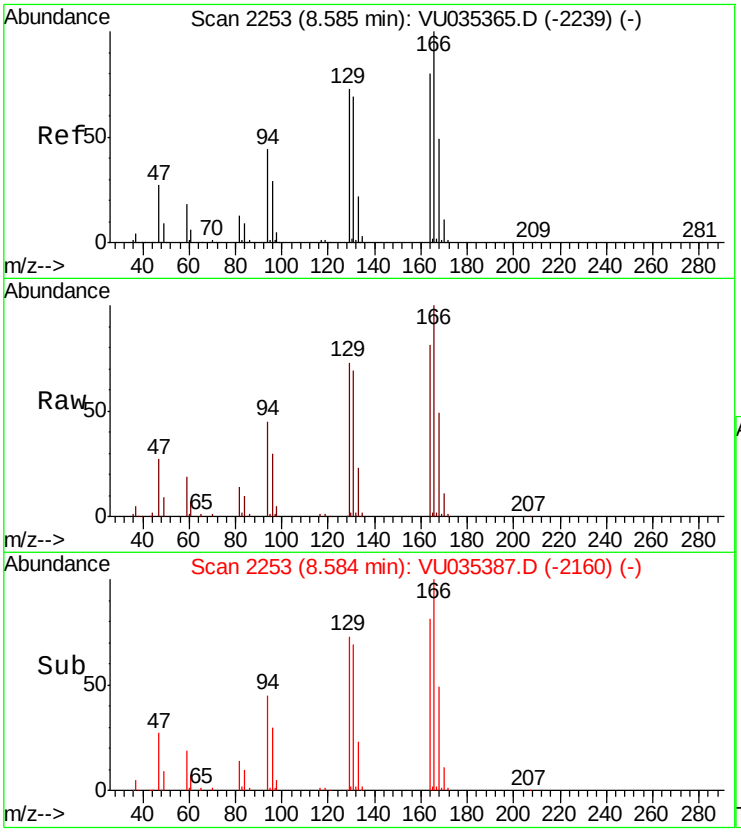


#42
Toluene
Concen: 0.111 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Tgt Ion: 91 Resp: 9231

Ion	Ratio	Lower	Upper
91	100		
92	66.0	39.9	74.1



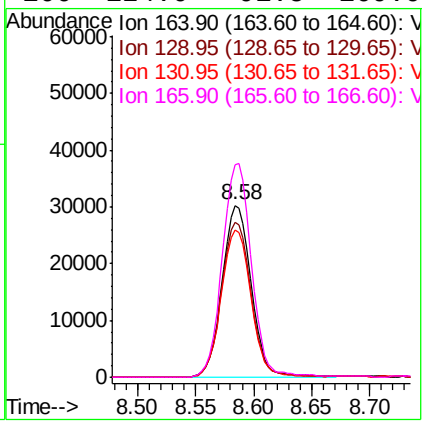


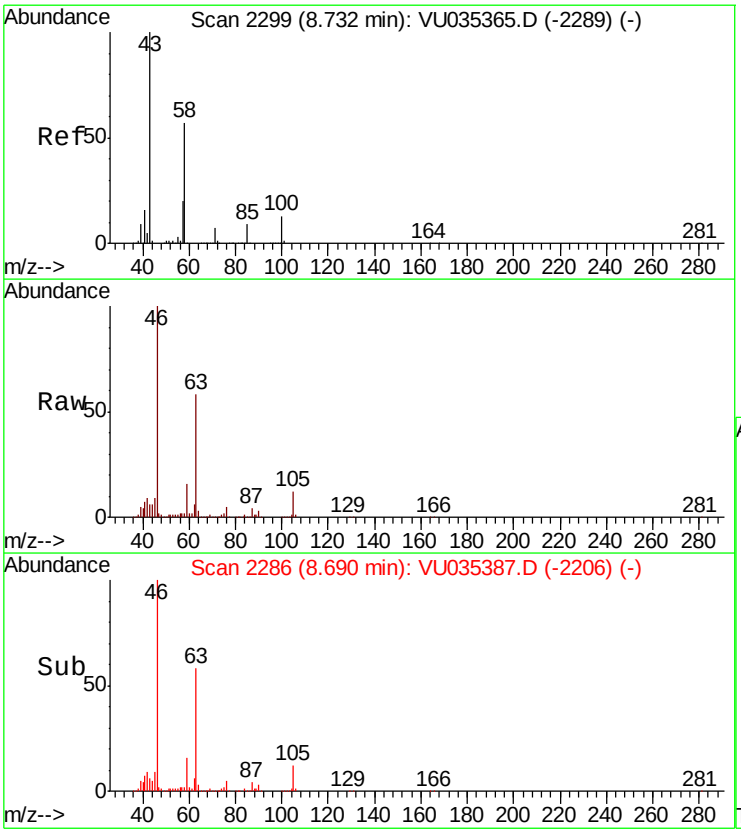
#47
Tetrachloroethene
Concen: 3.118 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 52729

Ion	Ratio	Lower	Upper
164	100		
129	90.3	65.2	121.0
131	85.6	62.9	116.9
166	124.0	91.5	169.9

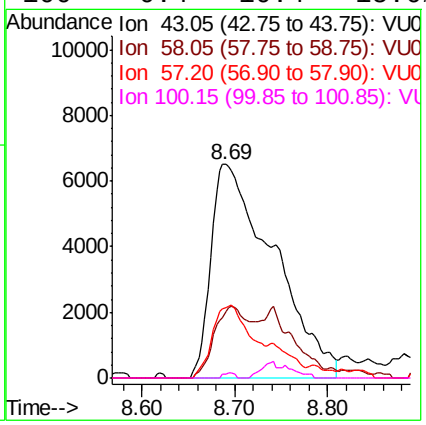


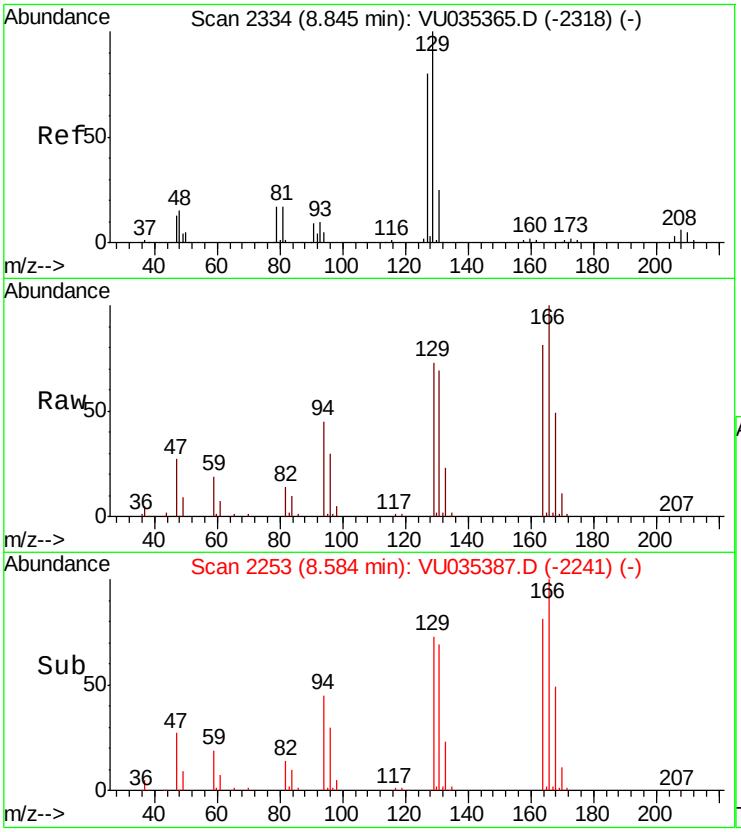


#48
2-Hexanone
Concen: 3.362 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.04 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Tgt Ion: 43 Resp: 30503

Ion	Ratio	Lower	Upper
43	100		
58	18.1	45.1	67.7#
57	20.6	16.0	24.0
100	0.4	10.4	15.6#



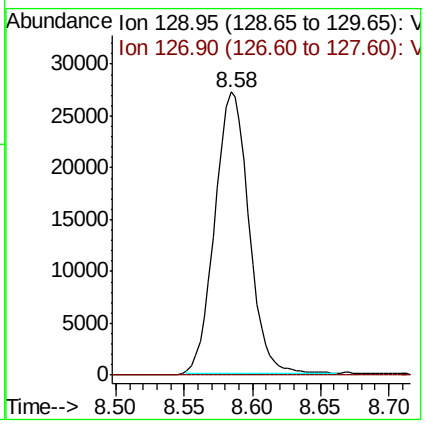


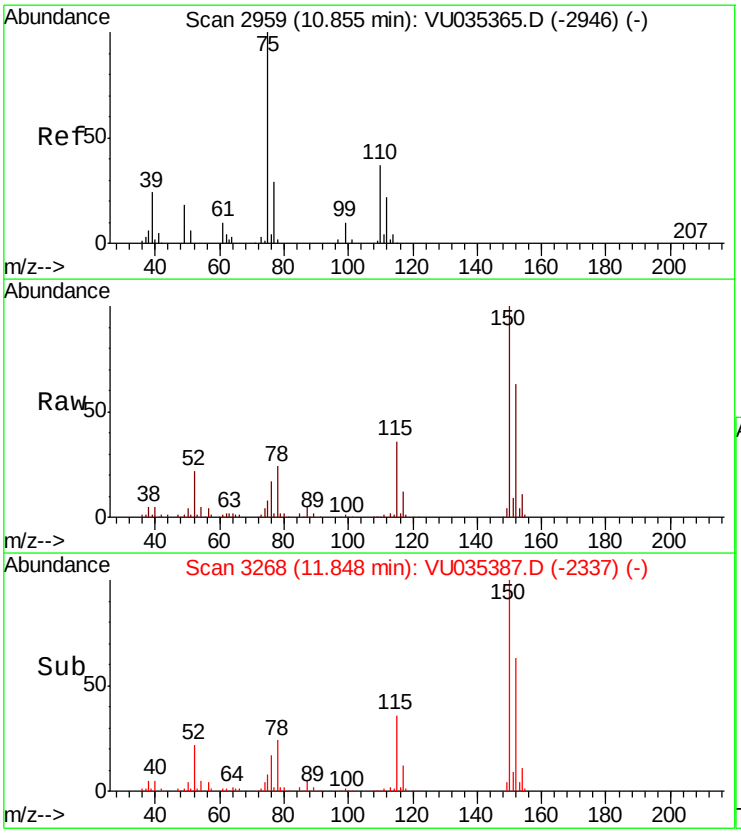
#49
Dibromochloromethane
Concen: 2.593 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 46767

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#





#59
1,2,3-Trichloropropane
Concen: 0.805 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. 0.99 min
Lab File: VU035387.D
Acq: 23 Oct 2019 01:00

Tgt Ion: 75 Resp: 10754

Ion	Ratio	Lower	Upper
75	100		
77	35.1	26.2	39.2