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

Quantitation Report (Not Reviewed)

Data File : VU035417.D
Acq On : 23 Oct 2019 18:25
Operator : JC/SP
Sample : K5461-11DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G64DL

Quant Time: Oct 24 05:24:41 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	243144	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	248956	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	89516	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	65900	4.44	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.80%			
7) Chloroethane-d5	1.93	69	67335	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.40%			
11) 1,1-Dichloroethene-d2	2.59	63	95464	3.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.60%			
20) 2-Butanone-d5	4.71	46	246078	57.76	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.52%			
24) Chloroform-d	5.11	84	150830	5.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.40%			
26) 1,2-Dichloroethane-d4	5.75	65	85017	5.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.20%			
32) Benzene-d6	5.77	84	279866	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%			
36) 1,2-Dichloropropane-d6	6.74	67	100309	5.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.00%			
41) Toluene-d8	7.93	98	232693	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
43) trans-1,3-Dichloropropene-	8.22	79	35560	4.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.00%			
46) 2-Hexanone-d5	8.69	63	182517	47.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.36%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	88045	5.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	82184	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	9826	0.466	ug/L #	81
12) 1,1-Dichloroethene	2.60	96	1308	0.084	ug/L #	1
16) Methylene chloride	3.08	84	3067	0.163	ug/L	97
17) Methyl tert-butyl Ether	3.43	73	23424	0.557	ug/L	95
18) trans-1,2-Dichloroethene	3.39	96	2098	0.124	ug/L #	72
19) 1,1-Dichloroethane	3.92	63	3326	0.109	ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	97747	5.246	ug/L	99
25) Chloroform	5.14	83	8244	0.246	ug/L	99
34) Trichloroethene	6.58	95	144567	7.341	ug/L	97
35) Methylcyclohexane	6.74	83	22200	0.675	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	10986	0.591	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2216	0.071	ug/L #	36
47) Tetrachloroethene	8.58	164	2617	0.160	ug/L	93
48) 2-Hexanone	8.74	43	10458	1.188	ug/L #	88
49) Dibromochloromethane	8.58	129	2469	0.141	ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	11211	0.865	ug/L	94

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

Quantitation Report (Not Reviewed)

Data File : VU035417.D
Acq On : 23 Oct 2019 18:25
Operator : JC/SP
Sample : K5461-11DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G64DL

Quant Time: Oct 24 05:24:41 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)

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

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

Quantitation Report (Not Reviewed)

Data File : VU035417.D
Acq On : 23 Oct 2019 18:25
Operator : JC/SP
Sample : K5461-11DL 20X
Misc : 25.0mL/MSVOA_U/WATER
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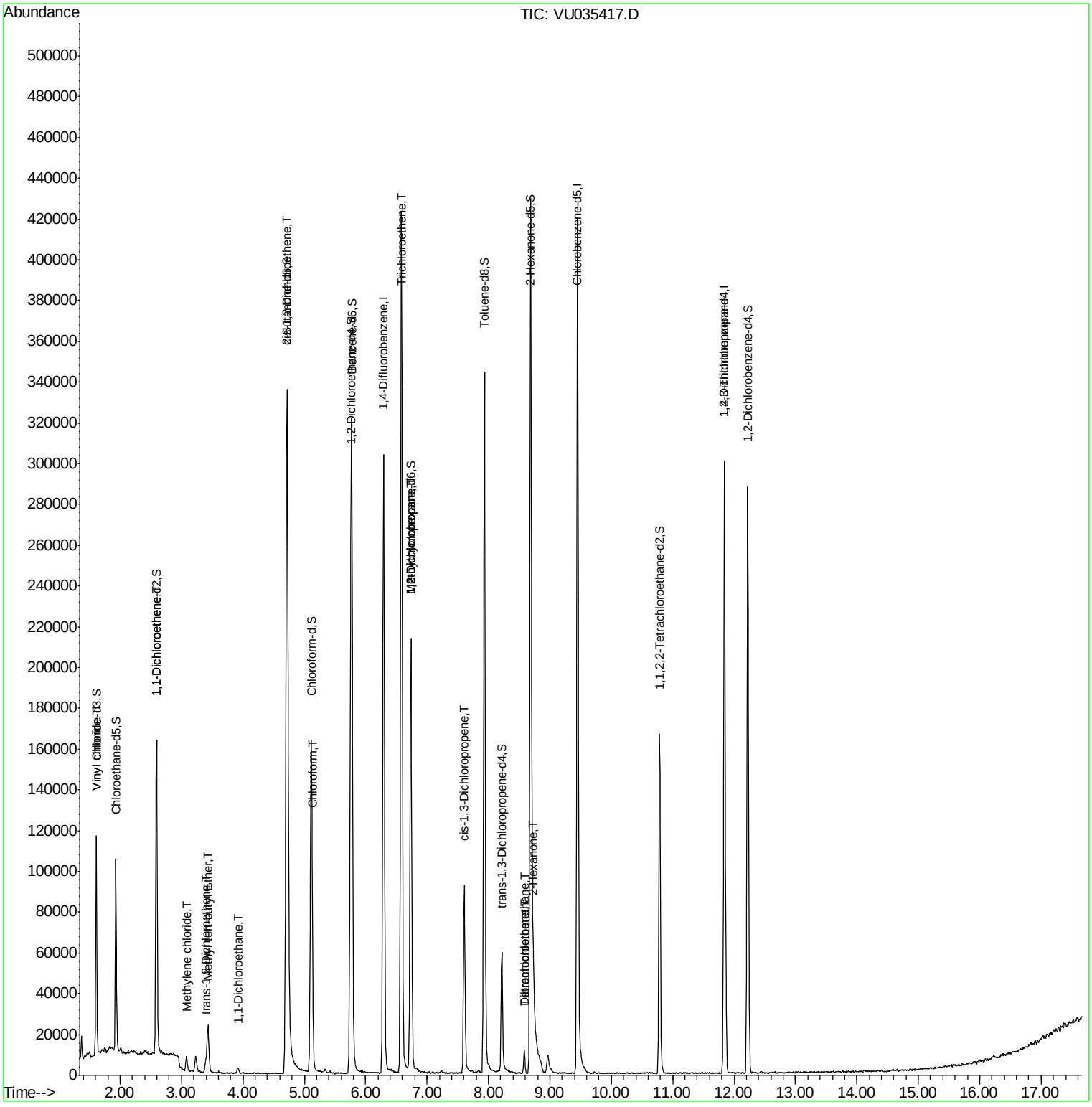
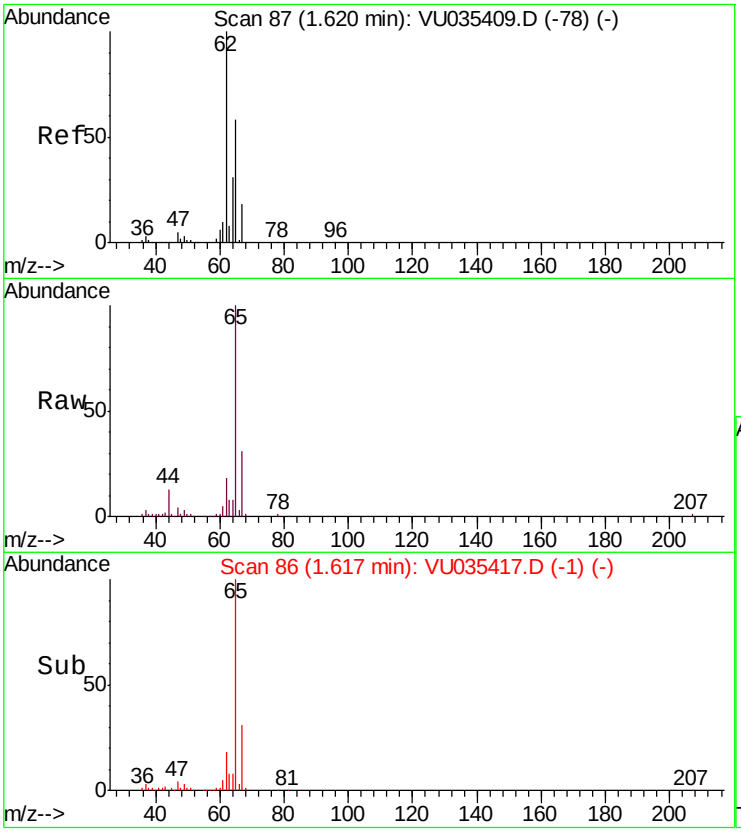
Quant Time: Oct 24 05:24:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 05:20:56 2019
Response via : Initial Calibration



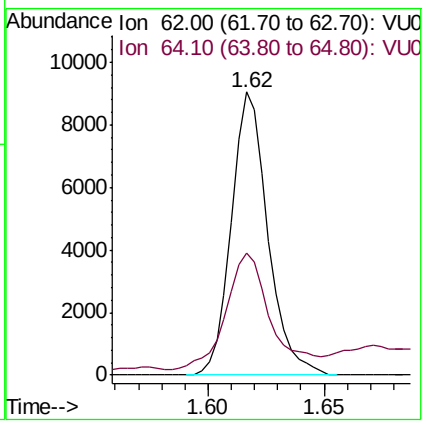


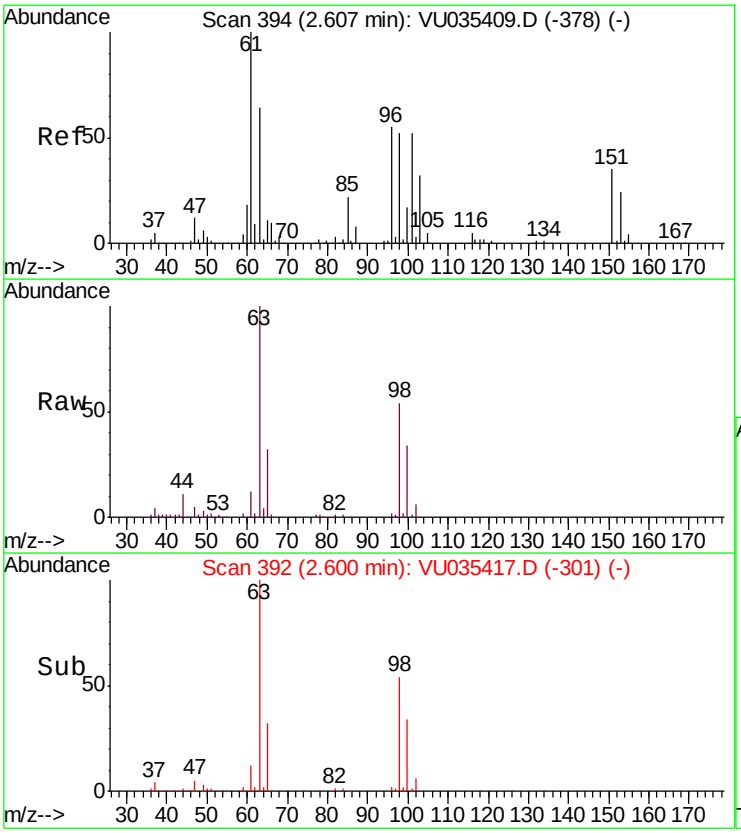
#5
Vinyl chloride
Concen: 0.466 ug/L
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU035417.D
Acq: 23 Oct 2019 18:25

Instrument :
MSVOA_U
ClientSampleId :
H0G64DL

Tgt Ion: 62 Resp: 9826

Ion	Ratio	Lower	Upper
62	100		
64	43.3	22.9	42.5#

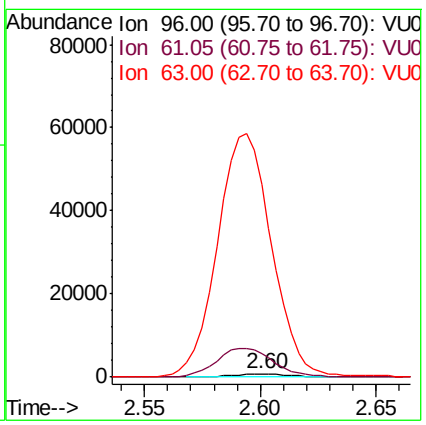


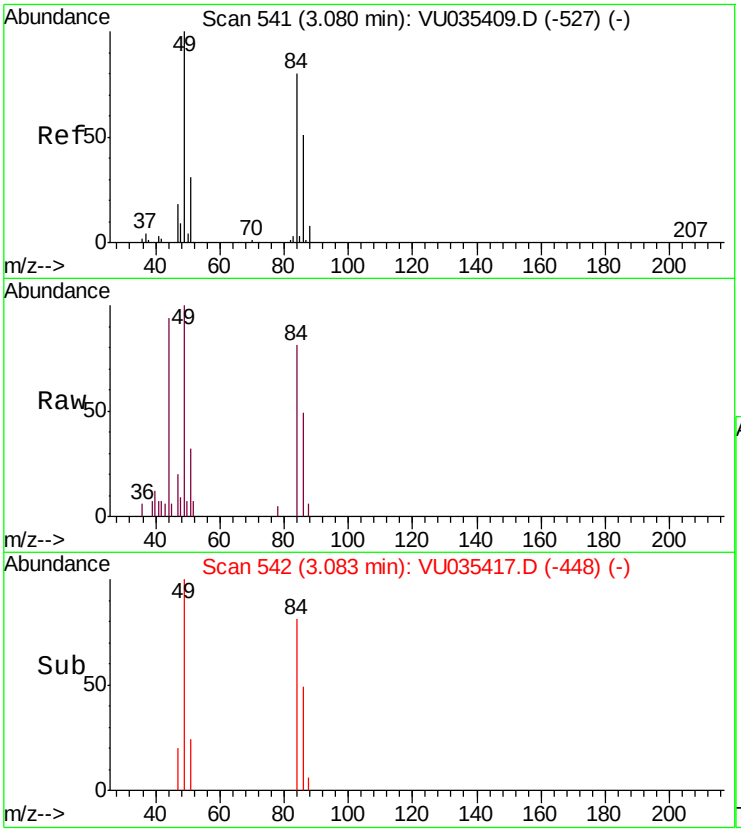


#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.60 min Scan# 392
Delta R.T. -0.01 min
Lab File: VU035417.D
Acq: 23 Oct 2019 18:25

Tgt Ion: 96 Resp: 1308

Ion	Ratio	Lower	Upper
96	100		
61	765.0	120.6	224.0#
63	6142.2	86.8	161.2#



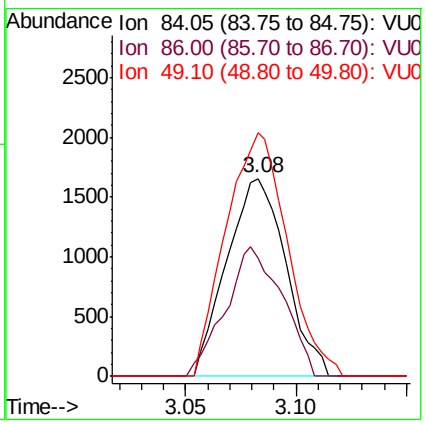


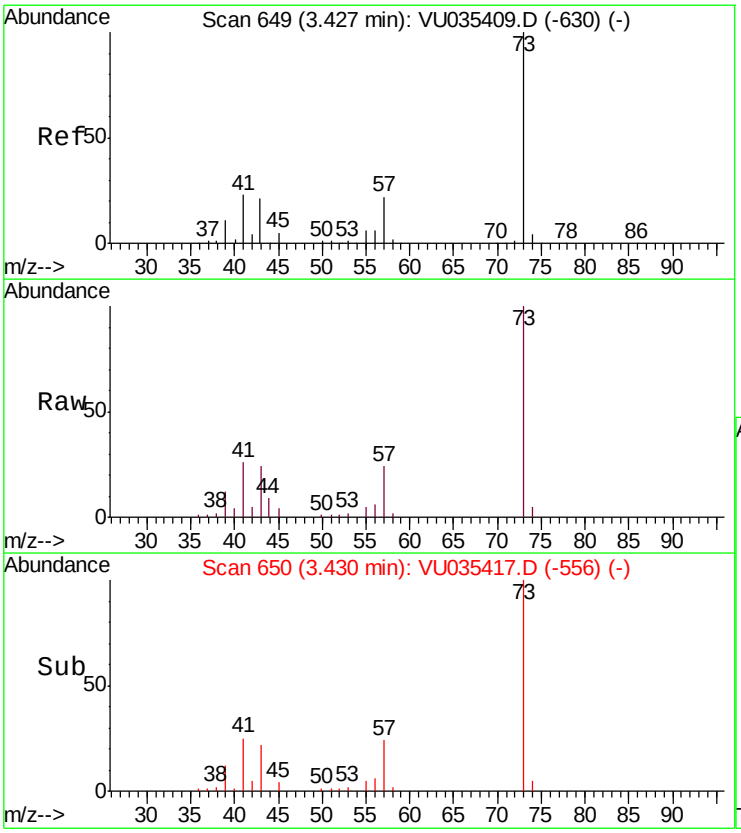
#16
Methylene chloride
Concen: 0.163 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035417.D
Acq: 23 Oct 2019 18:25

Instrument : MSVOA_U
ClientSampleId : H0G64DL

Tgt Ion: 84 Resp: 3067

Ion	Ratio	Lower	Upper
84	100		
86	59.8	45.4	84.2
49	123.2	86.8	161.2

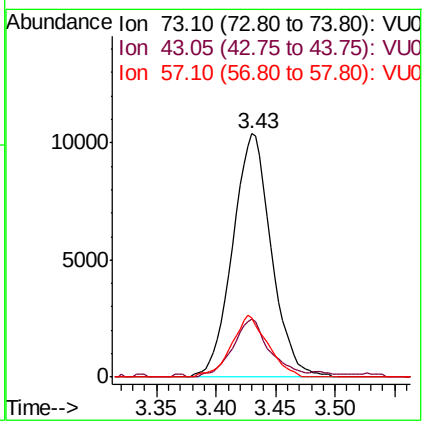


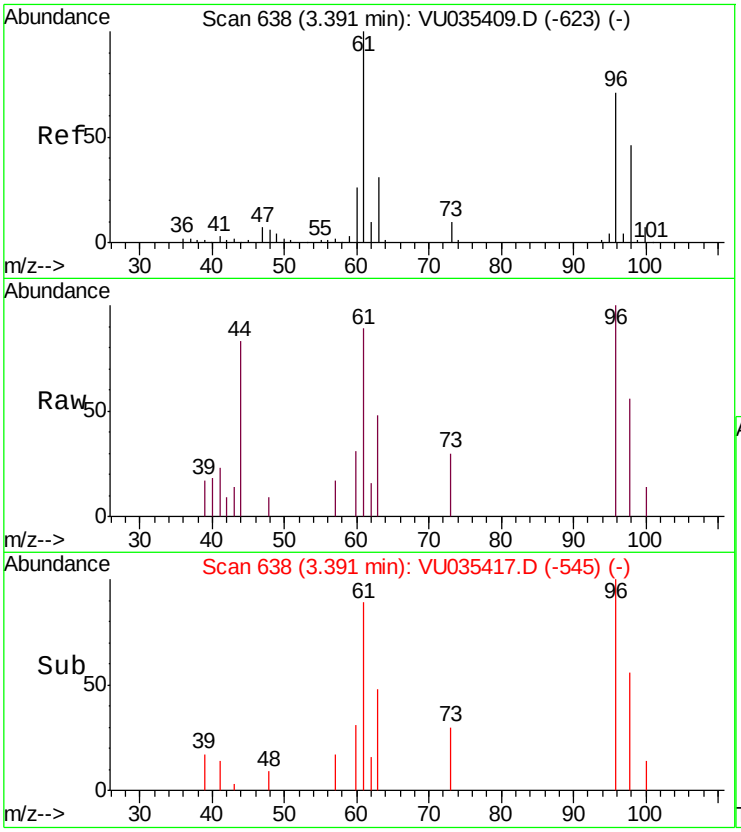


#17
Methyl tert-butyl Ether
Concen: 0.557 ug/L
RT: 3.43 min Scan# 650
Delta R.T. 0.00 min
Lab File: VU035417.D
Acq: 23 Oct 2019 18:25

Tgt Ion: 73 Resp: 23424

Ion	Ratio	Lower	Upper
73	100		
43	22.9	16.0	24.0
57	23.5	17.4	26.2



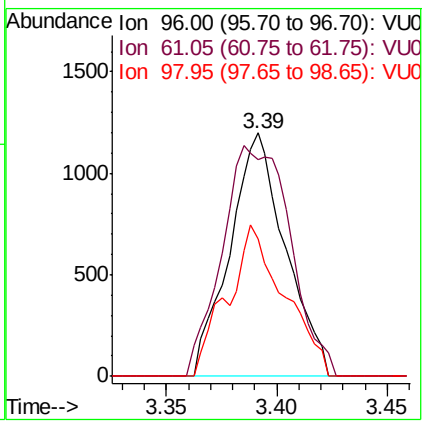


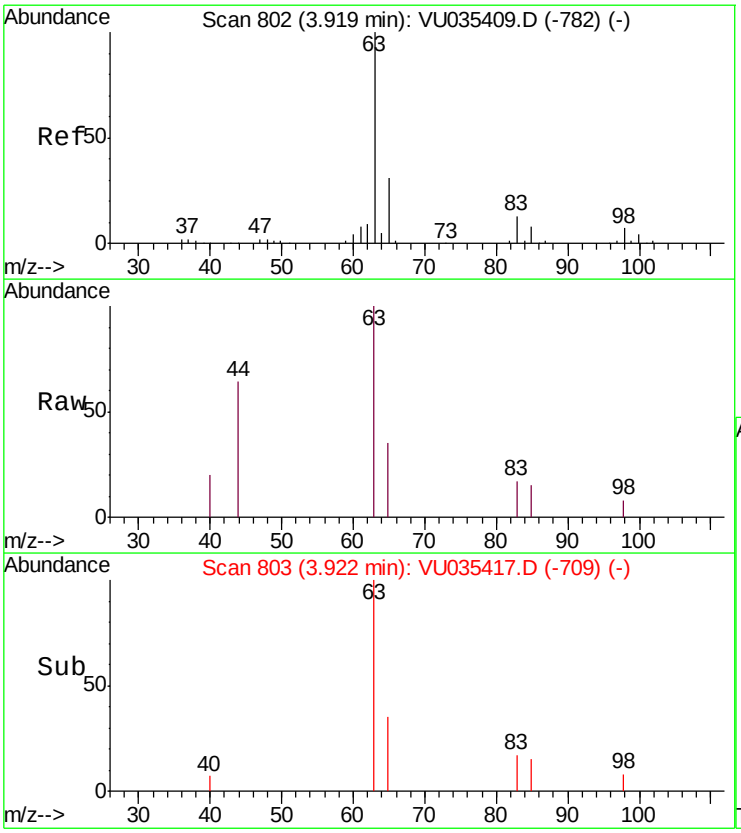
#18
trans-1,2-Dichloroethene
Concen: 0.124 ug/L
RT: 3.39 min Scan# 638
Delta R.T. -0.00 min
Lab File: VU035417.D
Acq: 23 Oct 2019 18:25

Instrument :
MSVOA_U
ClientSampleId :
H0G64DL

Tgt Ion: 96 Resp: 2098

Ion	Ratio	Lower	Upper
96	100		
61	89.1	93.0	172.6#
98	56.2	43.7	81.1

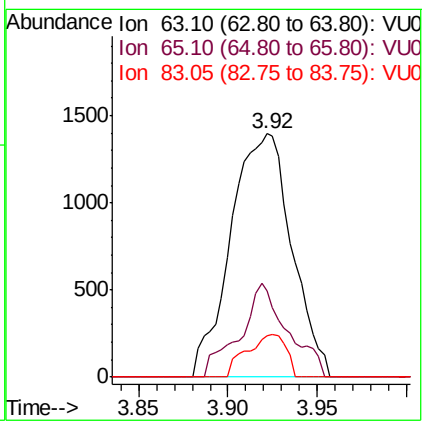


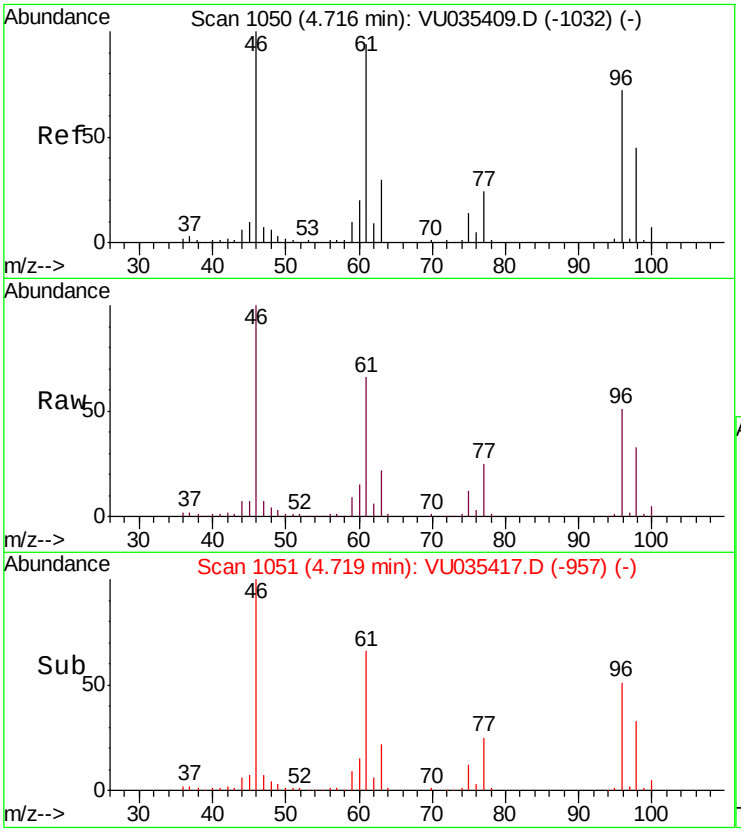


#19
1,1-Dichloroethane
Concen: 0.109 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.00 min
Lab File: VU035417.D
Acq: 23 Oct 2019 18:25

Tgt Ion: 63 Resp: 3326

Ion	Ratio	Lower	Upper
63	100		
65	35.4	22.4	41.6
83	17.2	9.3	17.3



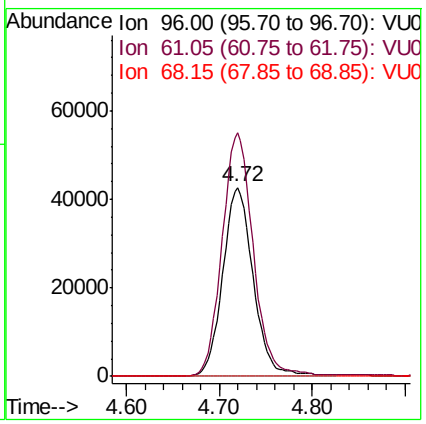


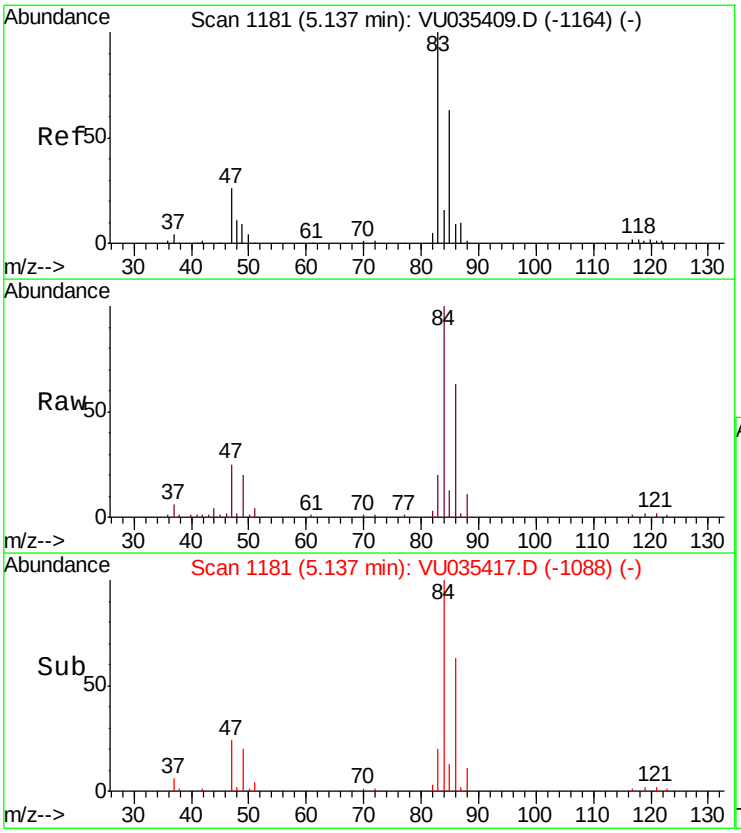
#22
cis-1,2-Dichloroethene
Concen: 5.246 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035417.D
Acq: 23 Oct 2019 18:25

Instrument :
MSVOA_U
ClientSampleId :
H0G64DL

Tgt Ion: 96 Resp: 97747

Ion	Ratio	Lower	Upper
96	100		
61	128.7	89.7	166.5
68	0.0	0.0	0.0

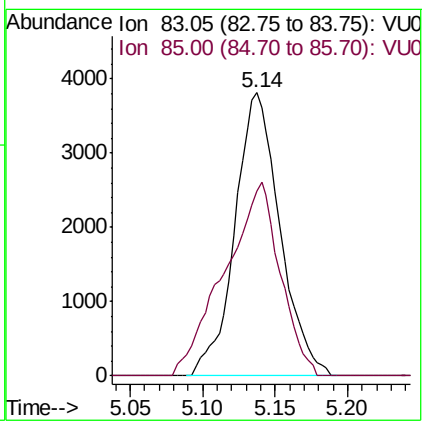


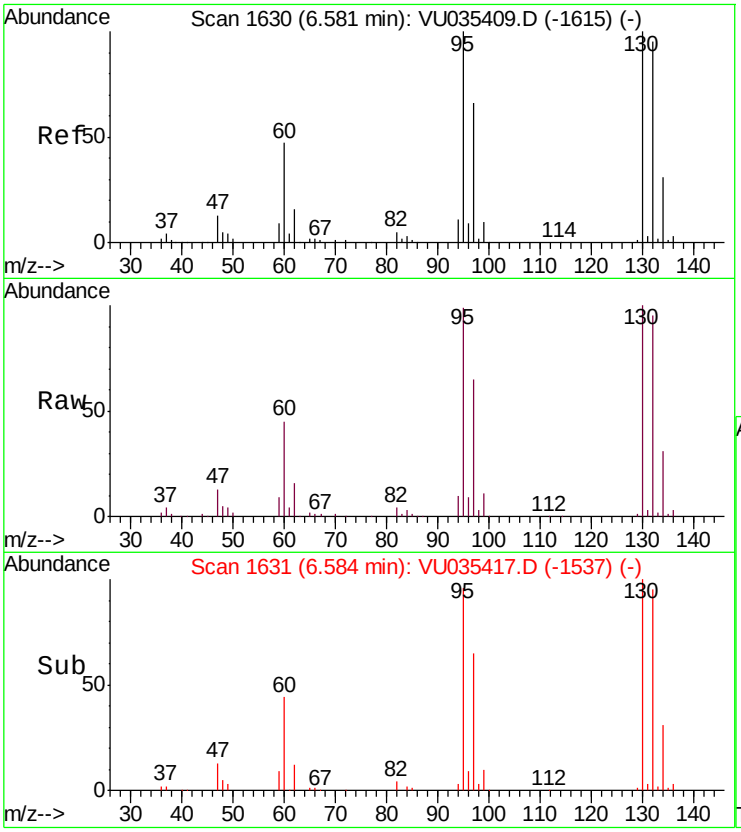


#25
Chloroform
Concen: 0.246 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035417.D
Acq: 23 Oct 2019 18:25

Tgt Ion: 83 Resp: 8244

Ion	Ratio	Lower	Upper
83	100		
85	65.4	45.1	83.9



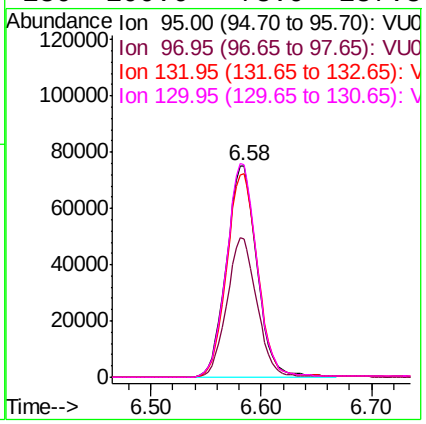


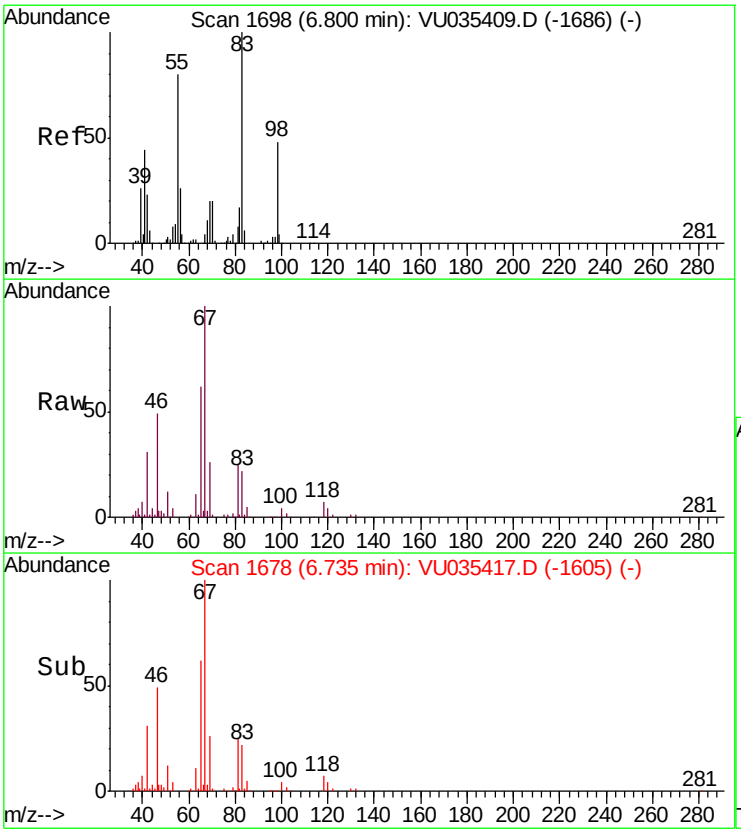
#34
Trichloroethene
Concen: 7.341 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035417.D
Acq: 23 Oct 2019 18:25

Instrument : MSVOA_U
ClientSampleId : H0G64DL

Tgt Ion: 95 Resp: 144567

Ion	Ratio	Lower	Upper
95	100		
97	65.6	46.6	86.6
132	96.0	68.7	127.7
130	100.6	73.9	137.3

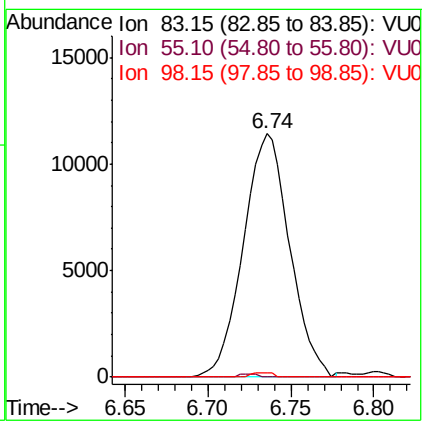


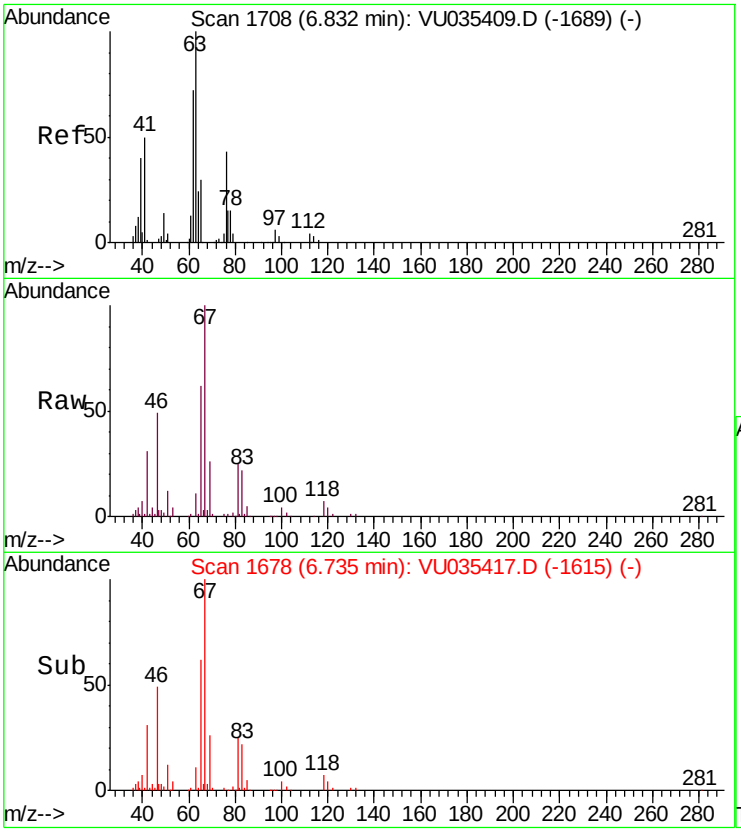


#35
Methylcyclohexane
Concen: 0.675 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035417.D
Acq: 23 Oct 2019 18:25

Tgt Ion: 83 Resp: 22200

Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.4	90.6#
98	0.8	39.5	59.3#



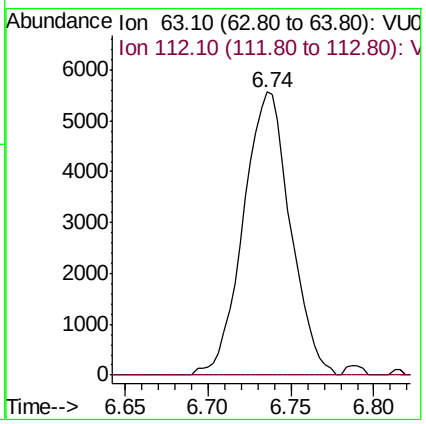


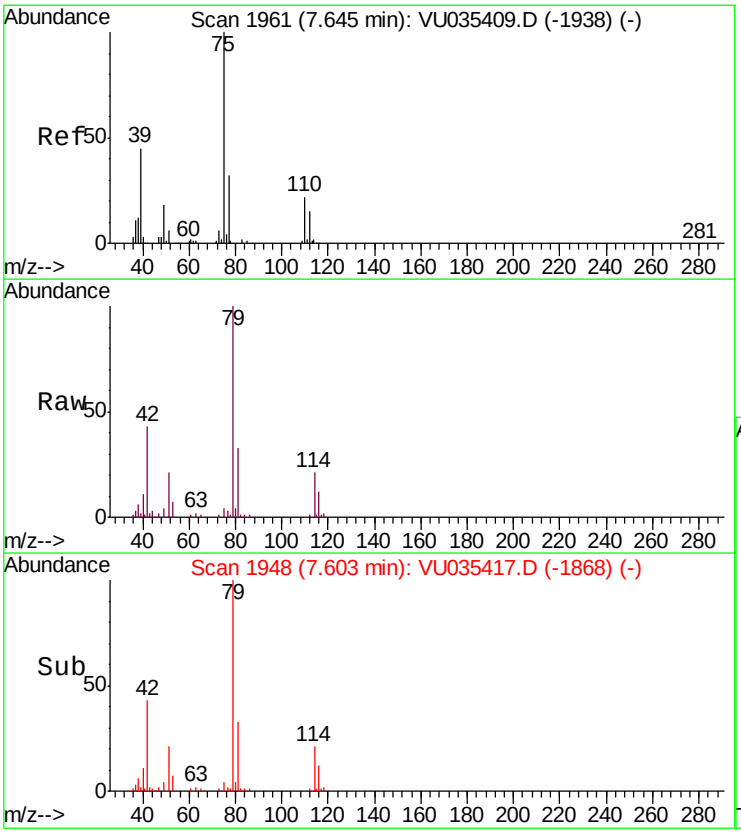
#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035417.D
Acq: 23 Oct 2019 18:25

Instrument : MSVOA_U
ClientSampleId : H0G64DL

Tgt Ion: 63 Resp: 10986

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

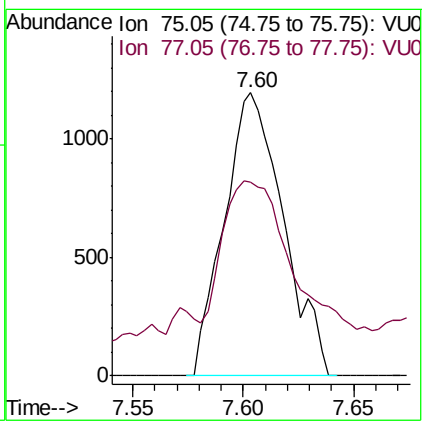


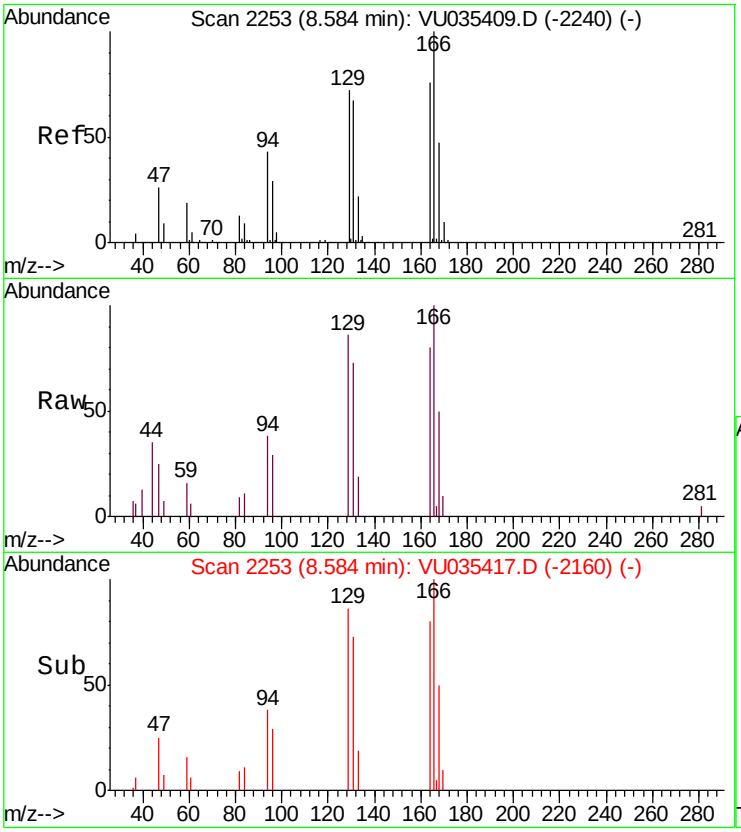


#39
cis-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035417.D
Acq: 23 Oct 2019 18:25

Tgt Ion: 75 Resp: 2216

Ion	Ratio	Lower	Upper
75	100		
77	68.4	22.7	42.1#



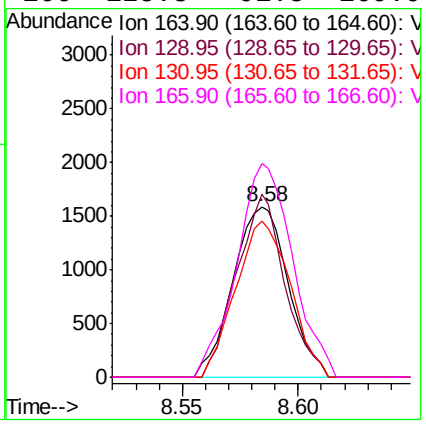


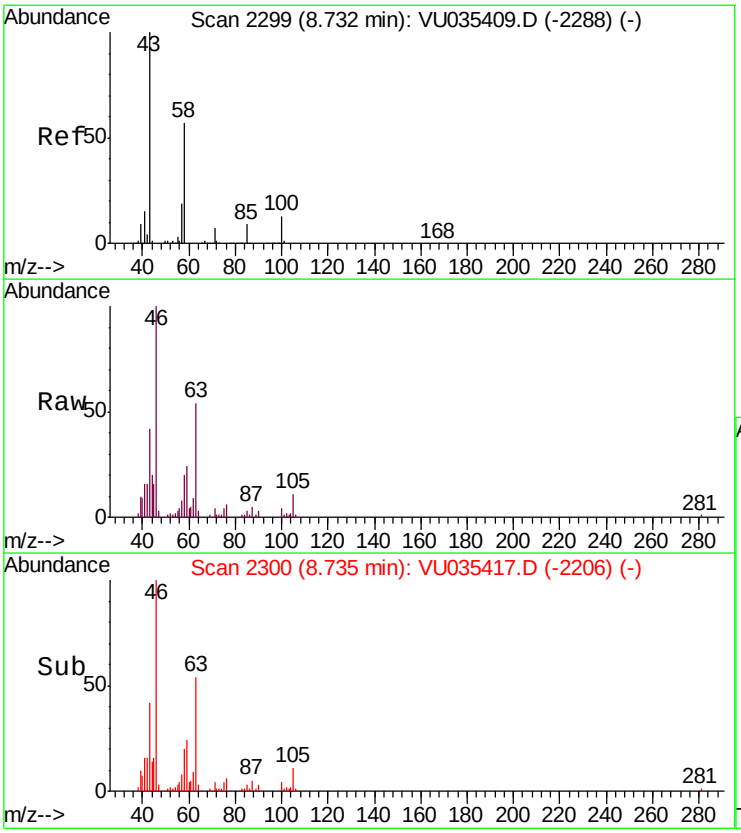
#47
Tetrachloroethene
Concen: 0.160 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035417.D
Acq: 23 Oct 2019 18:25

Instrument :
MSVOA_U
ClientSampleId :
H0G64DL

Tgt Ion:164 Resp: 2617

Ion	Ratio	Lower	Upper
164	100		
129	107.2	65.2	121.0
131	91.6	62.9	116.9
166	125.3	91.5	169.9

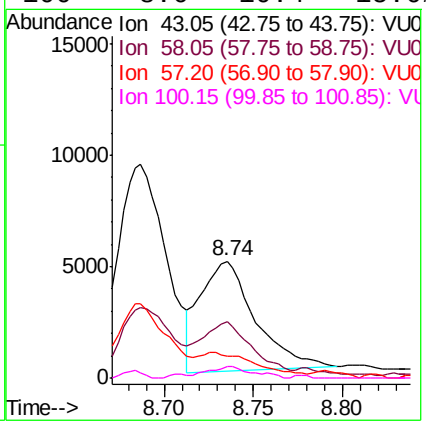


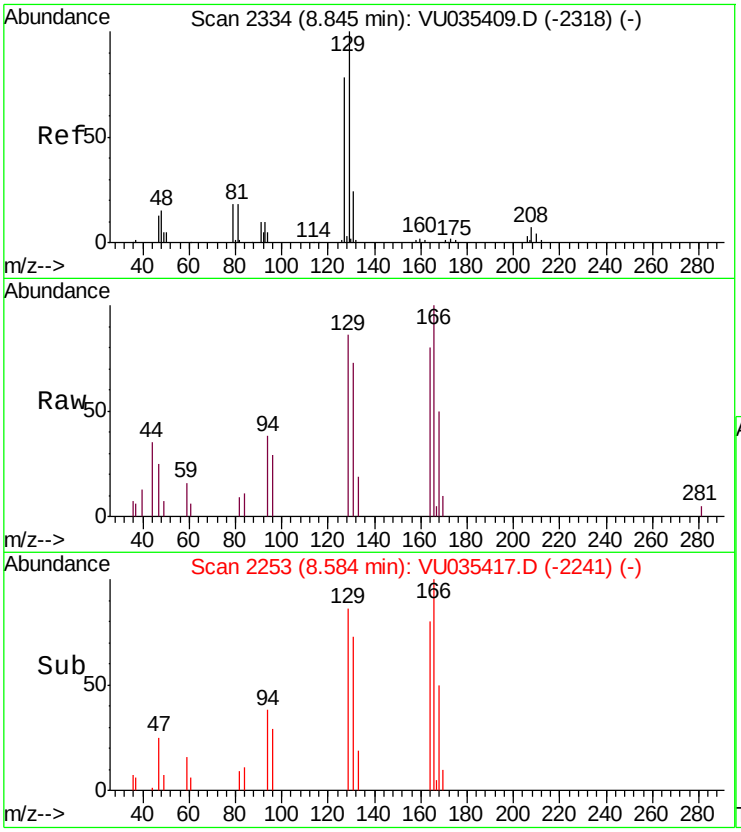


#48
2-Hexanone
Concen: 1.188 ug/L
RT: 8.74 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VU035417.D
Acq: 23 Oct 2019 18:25

Tgt Ion: 43 Resp: 10458

Ion	Ratio	Lower	Upper
43	100		
58	47.0	45.1	67.7
57	25.0	16.0	24.0#
100	8.6	10.4	15.6#



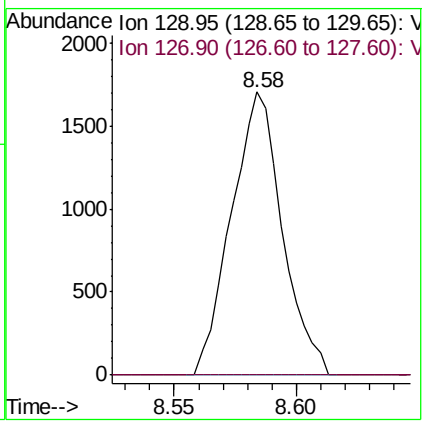


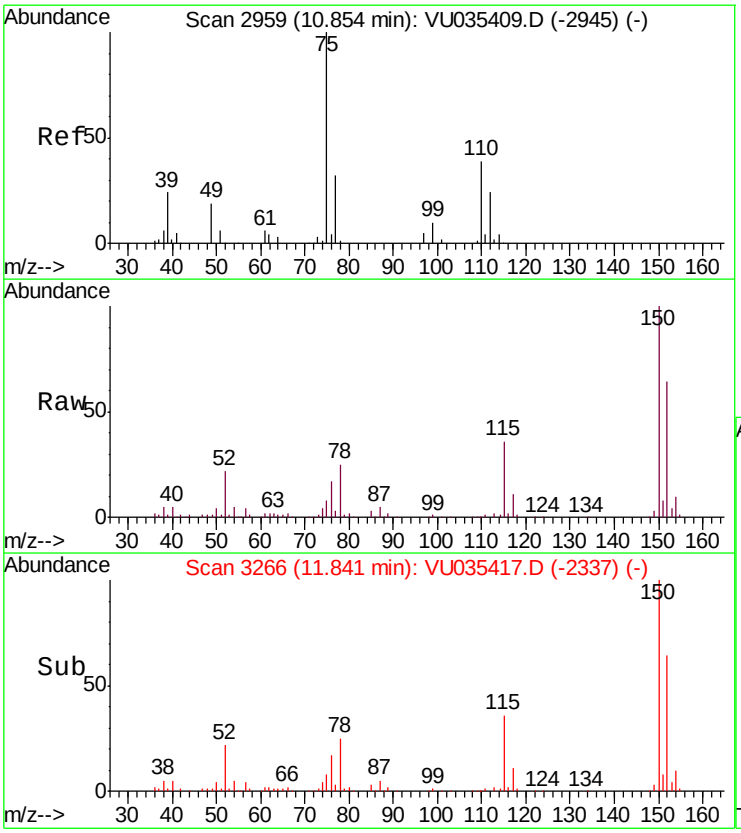
#49
Dibromochloromethane
Concen: 0.141 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035417.D
Acq: 23 Oct 2019 18:25

Instrument : MSVOA_U
ClientSampleId : H0G64DL

Tgt Ion:129 Resp: 2469

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#





#59
1,2,3-Trichloropropane
Concen: 0.865 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035417.D
Acq: 23 Oct 2019 18:25

Tgt Ion: 75 Resp: 11211

Ion	Ratio	Lower	Upper
75	100		
77	35.9	26.2	39.2