Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035394.D
Acq On : 23 Oct 2019 05:33
Operator : JC/SP
Sample : K5458-08DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 23 08:16:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:10:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	239082	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	238579	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	84106	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	92188	6.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 126.40%			
7) Chloroethane-d5	1.93	69	85846	6.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 128.80%			
11) 1,1-Dichloroethene-d2	2.59	63	135808	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.80%			
20) 2-Butanone-d5	4.71	46	250508	59.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.60%			
24) Chloroform-d	5.11	84	164546	6.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 123.60%			
26) 1,2-Dichloroethane-d4	5.75	65	92200	6.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 125.00%			
32) Benzene-d6	5.77	84	311645	5.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.20%			
36) 1,2-Dichloropropane-d6	6.74	67	109697	6.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 126.60%			
41) Toluene-d8	7.93	98	255542	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
43) trans-1,3-Dichloropropene-	8.22	79	37787	4.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.00%			
46) 2-Hexanone-d5	8.68	63	188145	50.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.50%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	91643	5.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 118.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	86877	5.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.61	96	36551	2.380	ug/L #	56
13) Acetone	2.68	43	2787	0.956	ug/L	97
16) Methylene chloride	3.08	84	4484	0.243	ug/L	90
18) trans-1,2-Dichloroethene	3.39	96	1380	0.083	ug/L #	75
19) 1,1-Dichloroethane	3.92	63	8666	0.289	ug/L	92
22) cis-1,2-Dichloroethene	4.72	96	48407	2.642	ug/L	99
25) Chloroform	5.14	83	8464	0.257	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	3692	0.132	ug/L	96
34) Trichloroethene	6.58	95	74721	3.959	ug/L	95
35) Methylcyclohexane	6.74	83	24566	0.779	ug/L #	18
37) 1,2-Dichloropropane	6.74	63	11511	0.646	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2451	0.082	ug/L #	33
47) Tetrachloroethene	8.58	164	110206	7.009	ug/L	99
48) 2-Hexanone	8.74	43	10403	1.233	ug/L #	93
49) Dibromochloromethane	8.58	129	98769	5.889	ug/L #	11
59) 1,2,3-Trichloropropane	11.84	75	11116	0.895	ug/L	97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102219\
Data File : VU035394.D
Acq On : 23 Oct 2019 05:33
Operator : JC/SP
Sample : K5458-08DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 23 08:16:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:10:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035394.D
Acq On : 23 Oct 2019 05:33
Operator : JC/SP
Sample : K5458-08DL 5X
Misc : 25.0mL/MSVOA_U/WATER
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Instrument :
MSVOA_U
ClientSampleId :

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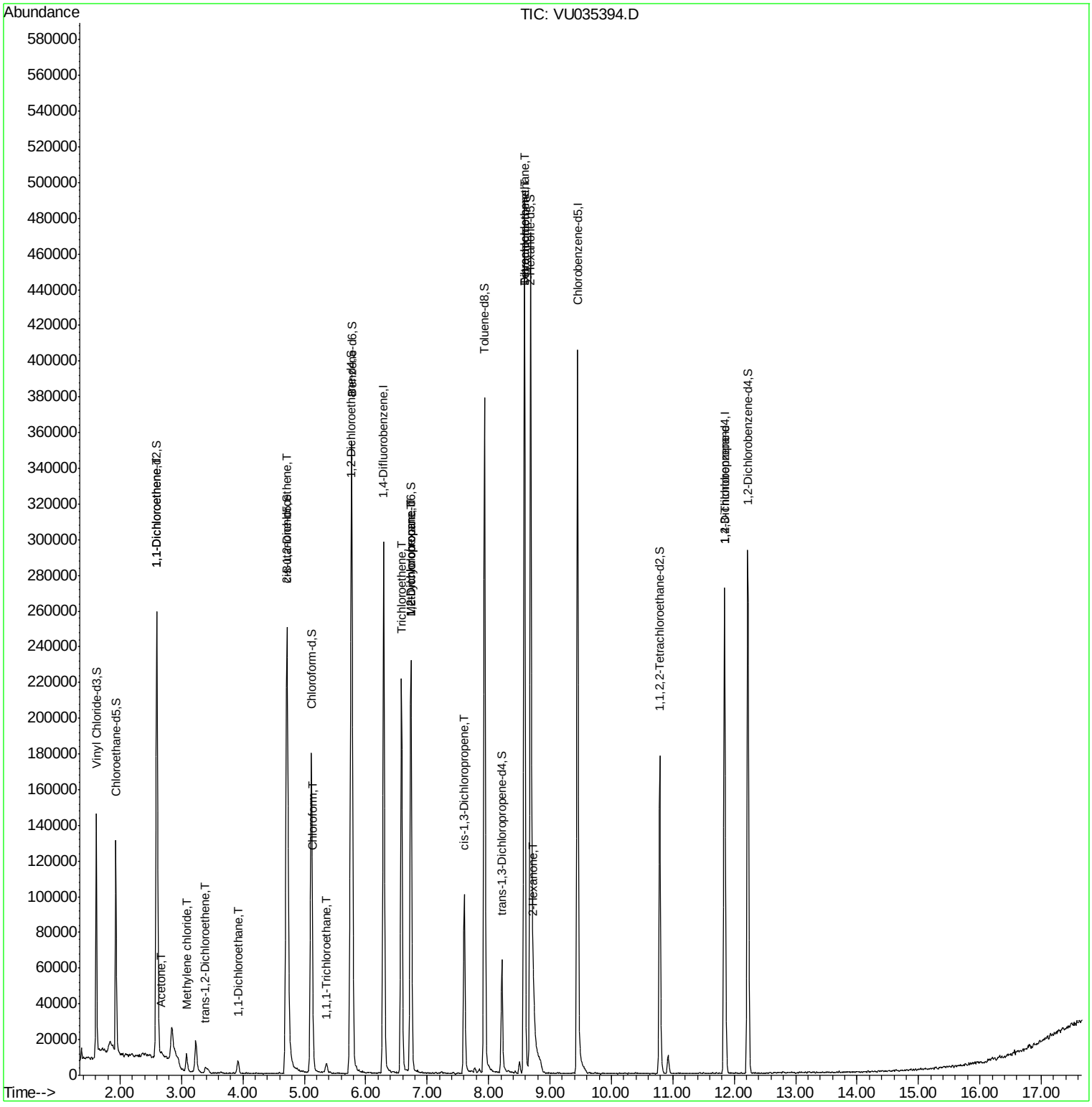
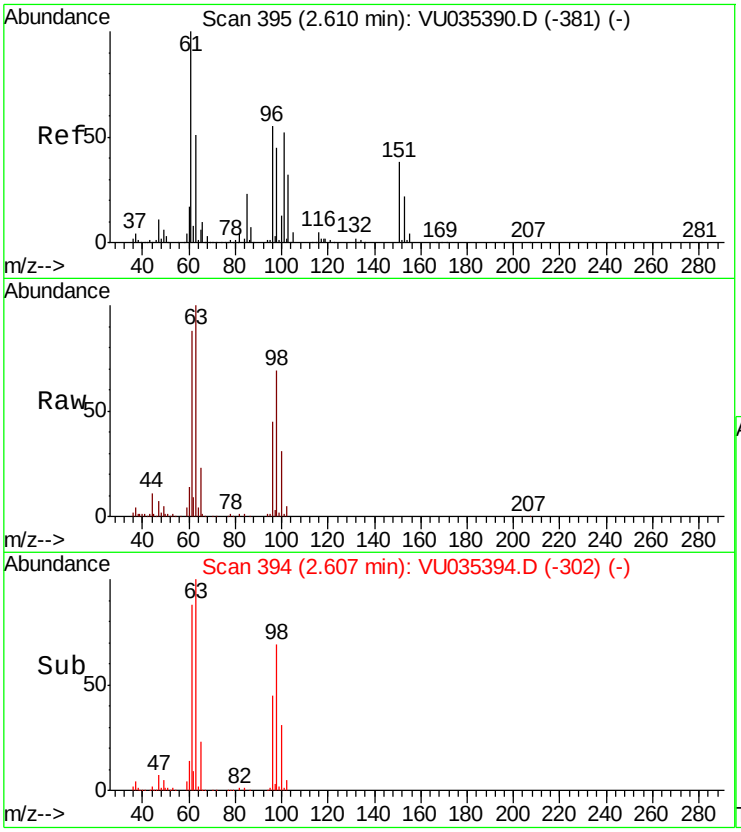
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:10:07 2019
Response via : Initial Calibration



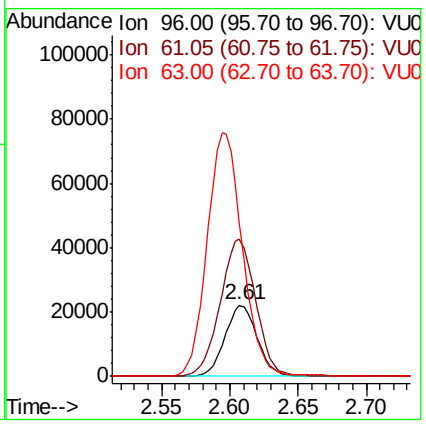


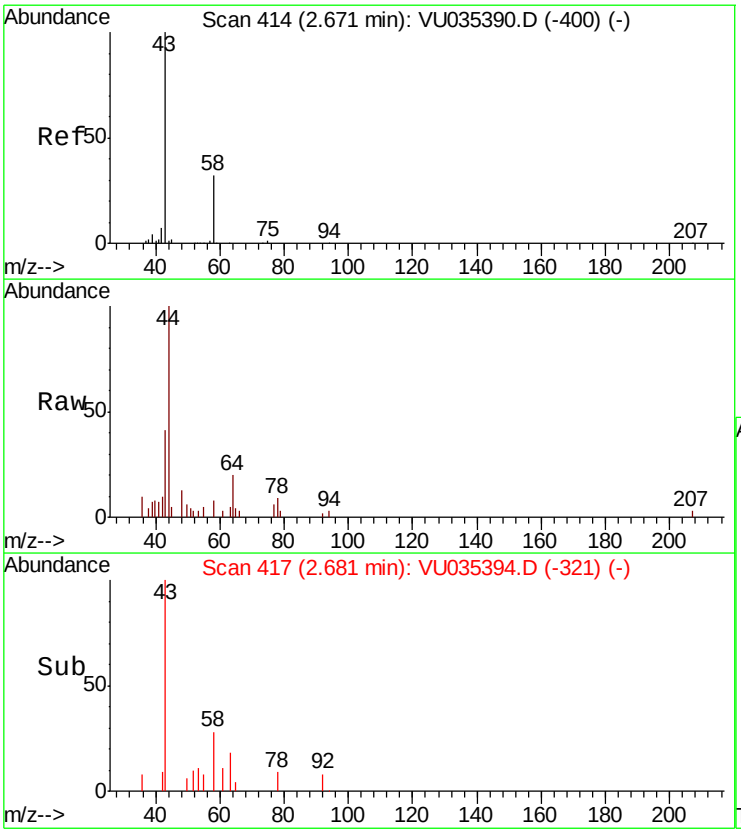
#12
1,1-Dichloroethene
Concen: 2.380 ug/L
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU035394.D
Acq: 23 Oct 2019 05:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 36551

Ion	Ratio	Lower	Upper
96	100		
61	193.2	120.6	224.0
63	219.8	86.8	161.2#

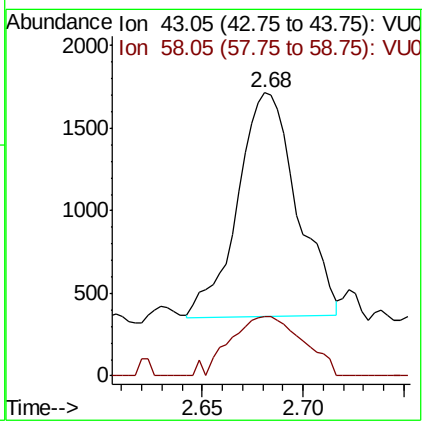


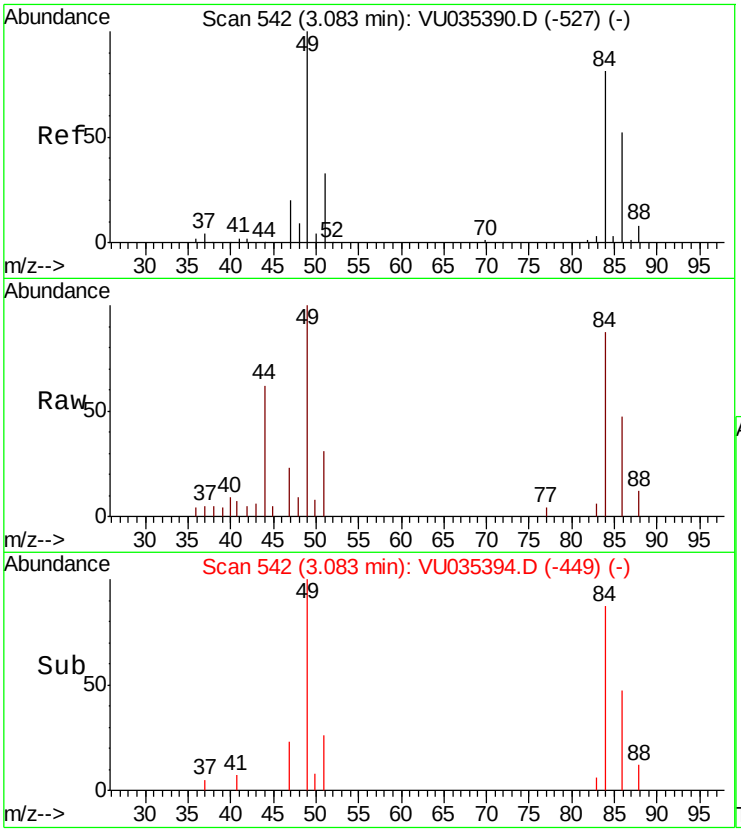


#13
Acetone
Concen: 0.956 ug/L
RT: 2.68 min Scan# 417
Delta R.T. 0.01 min
Lab File: VU035394.D
Acq: 23 Oct 2019 05:33

Tgt Ion: 43 Resp: 2787

Ion	Ratio	Lower	Upper
43	100		
58	32.6	0.0	61.8



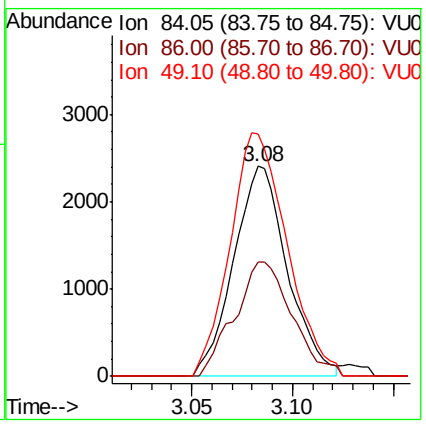


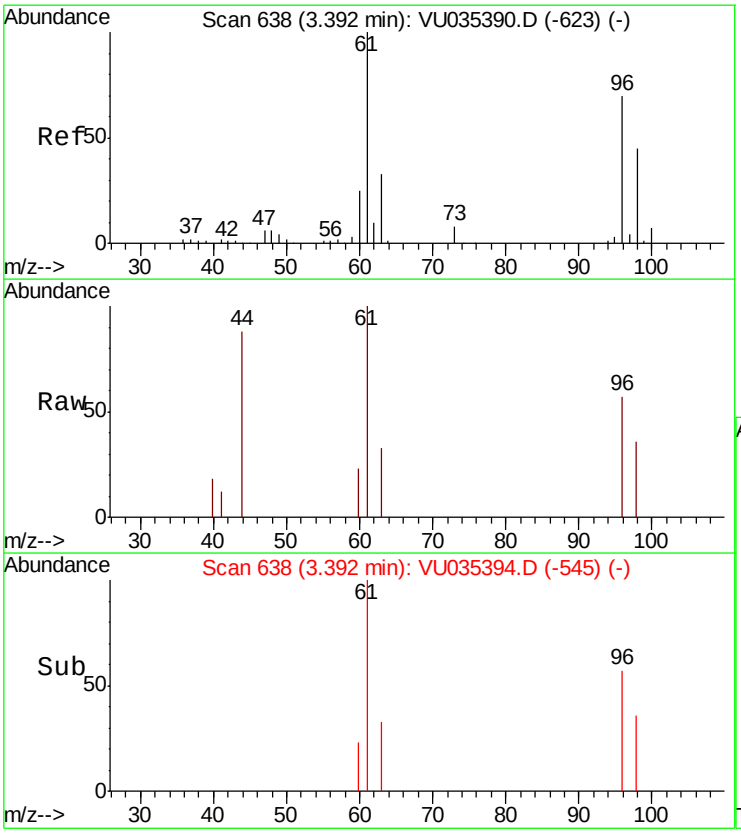
#16
Methylene chloride
Concen: 0.243 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035394.D
Acq: 23 Oct 2019 05:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 4484

Ion	Ratio	Lower	Upper
84	100		
86	54.5	45.4	84.2
49	115.1	86.8	161.2

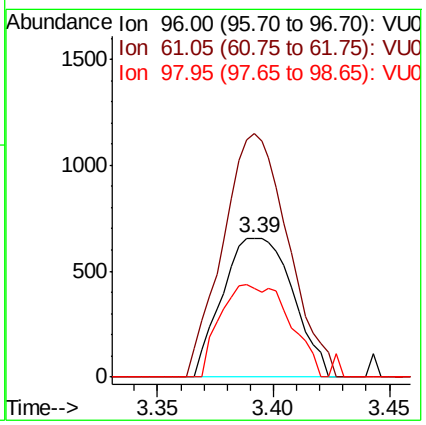


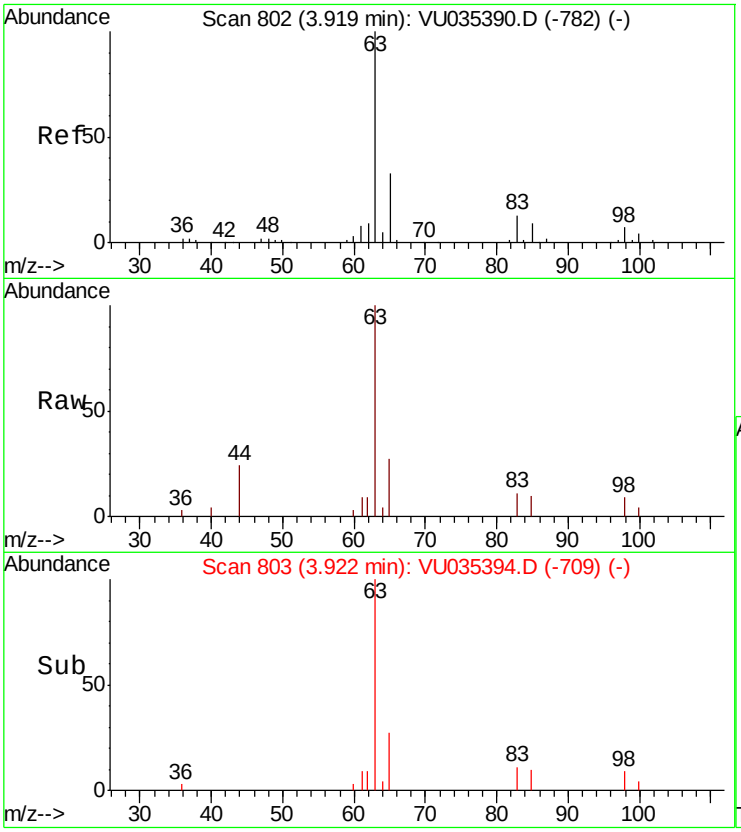


#18
trans-1,2-Dichloroethene
Concen: 0.083 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035394.D
Acq: 23 Oct 2019 05:33

Tgt Ion: 96 Resp: 1380

Ion	Ratio	Lower	Upper
96	100		
61	175.3	93.0	172.6#
98	63.7	43.7	81.1



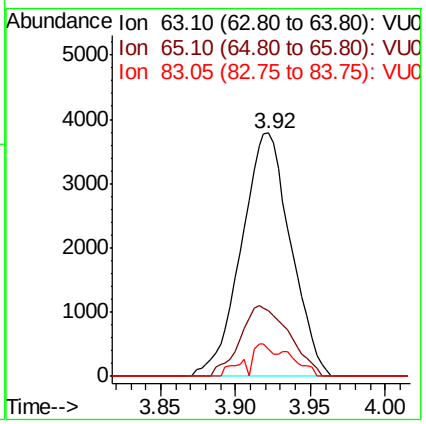


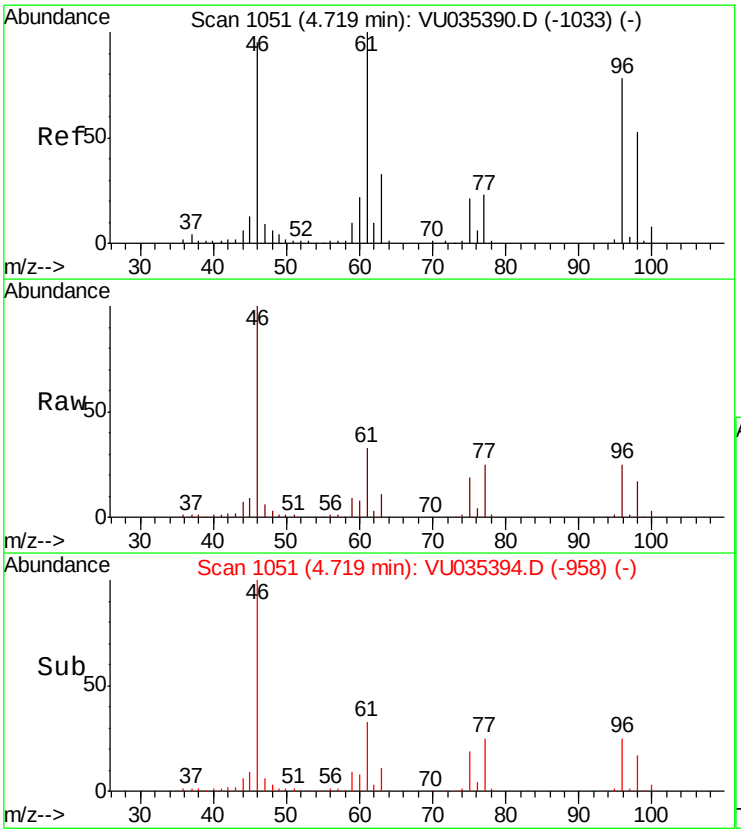
#19
1,1-Dichloroethane
Concen: 0.289 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.00 min
Lab File: VU035394.D
Acq: 23 Oct 2019 05:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 8666

Ion	Ratio	Lower	Upper
63	100		
65	26.8	22.4	41.6
83	11.5	9.3	17.3

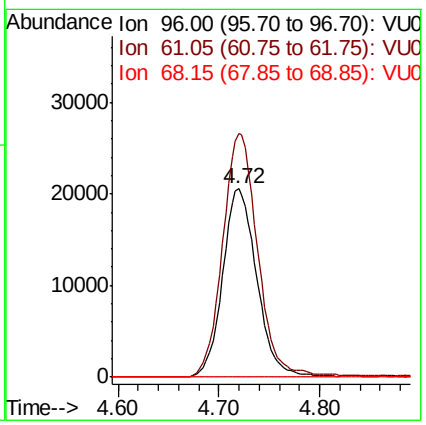


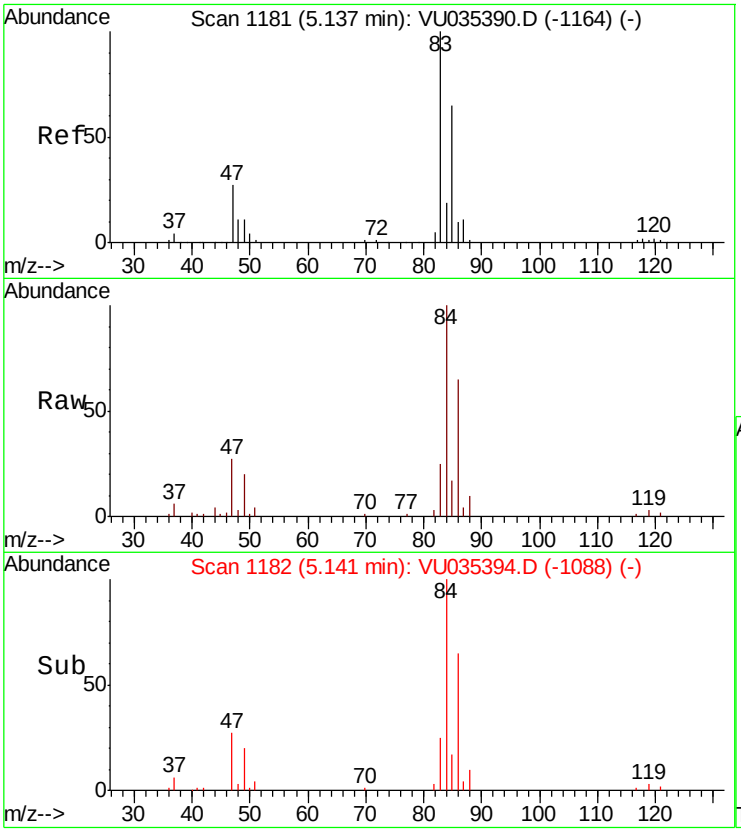


#22
cis-1,2-Dichloroethene
Concen: 2.642 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035394.D
Acq: 23 Oct 2019 05:33

Tgt Ion: 96 Resp: 48407

Ion	Ratio	Lower	Upper
96	100		
61	129.3	89.7	166.5
68	0.0	0.0	0.0



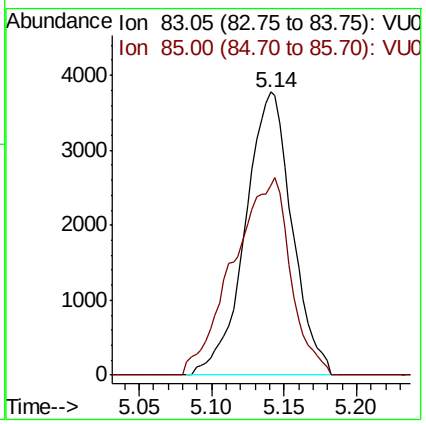


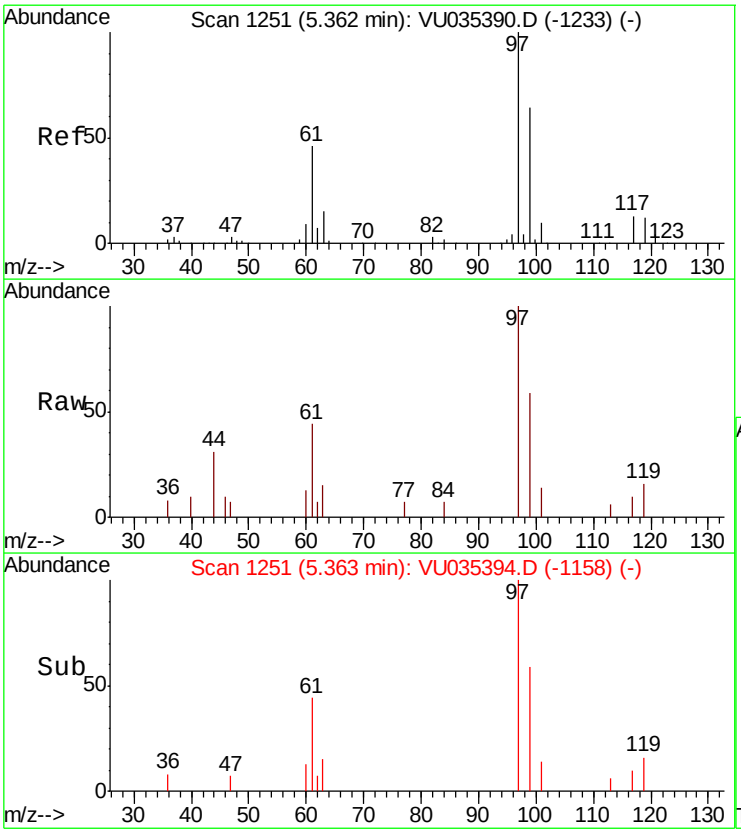
#25
Chloroform
Concen: 0.257 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035394.D
Acq: 23 Oct 2019 05:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 8464

Ion	Ratio	Lower	Upper
83	100		
85	66.9	45.1	83.9

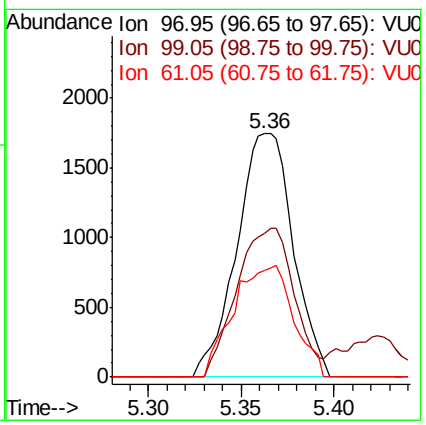


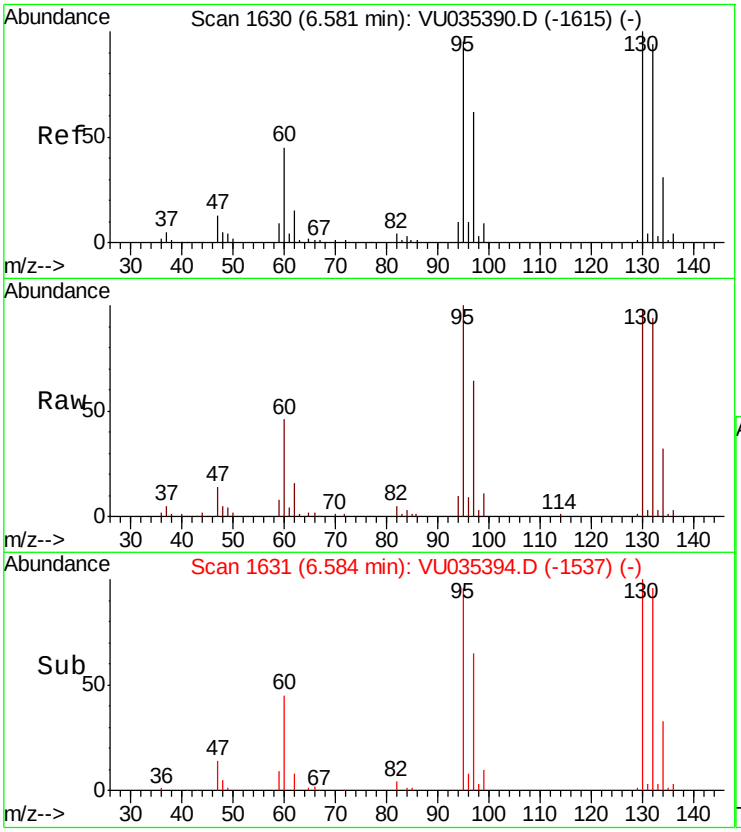


#29
1,1,1-Trichloroethane
Concen: 0.132 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU035394.D
Acq: 23 Oct 2019 05:33

Tgt Ion: 97 Resp: 3692

Ion	Ratio	Lower	Upper
97	100		
99	62.9	52.6	79.0
61	48.8	37.0	55.4



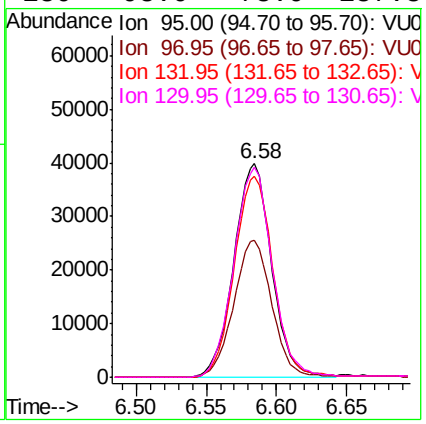


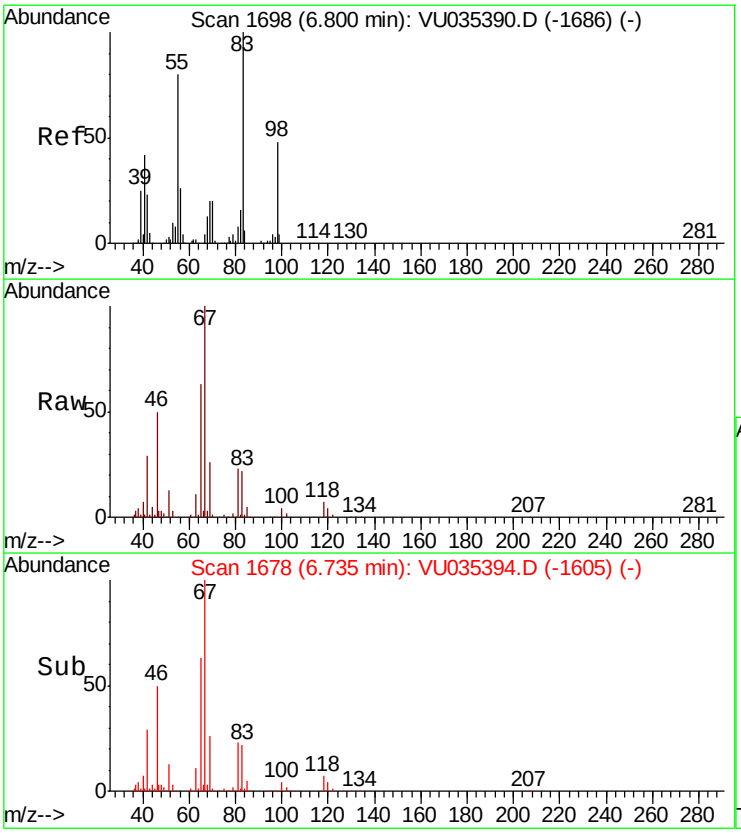
#34
Trichloroethene
Concen: 3.959 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035394.D
Acq: 23 Oct 2019 05:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 74721

Ion	Ratio	Lower	Upper
95	100		
97	64.0	46.6	86.6
132	93.9	68.7	127.7
130	98.0	73.9	137.3

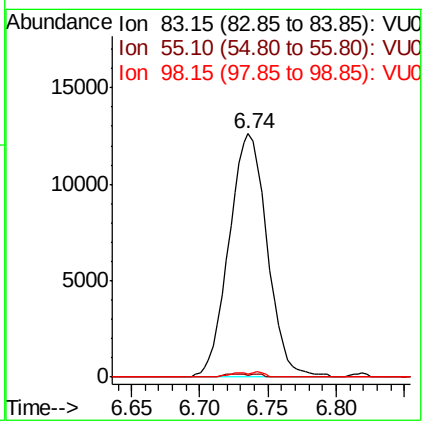


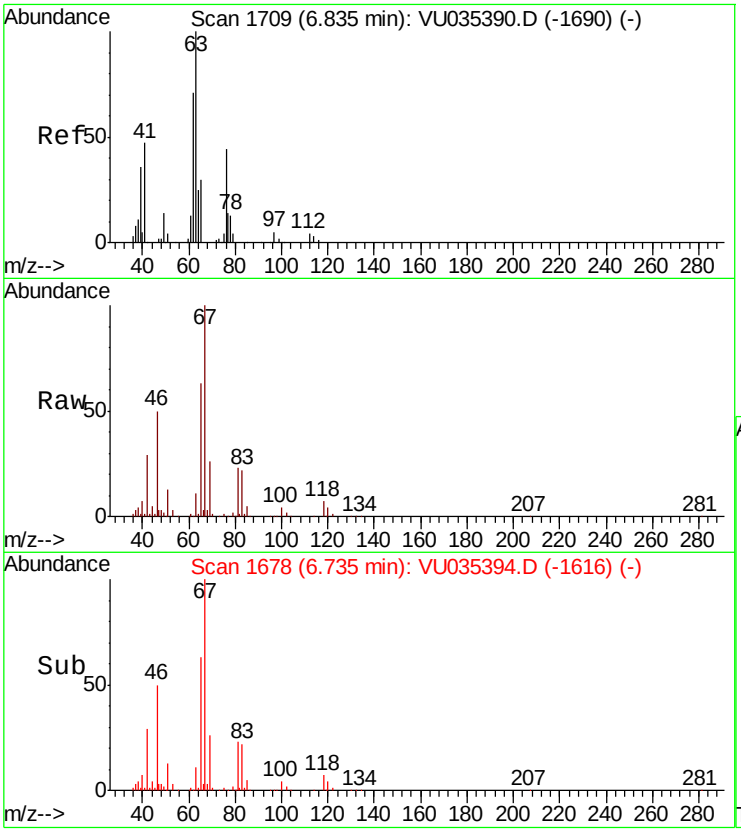


#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035394.D
Acq: 23 Oct 2019 05:33

Tgt Ion: 83 Resp: 24566

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	0.7	39.5	59.3#



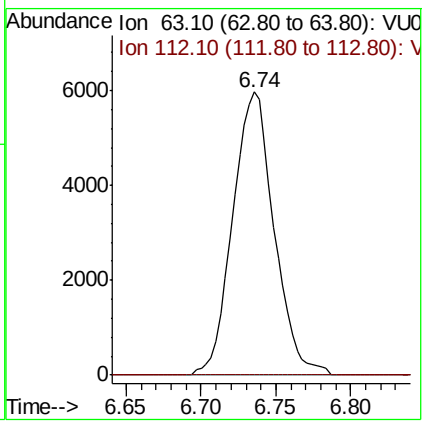


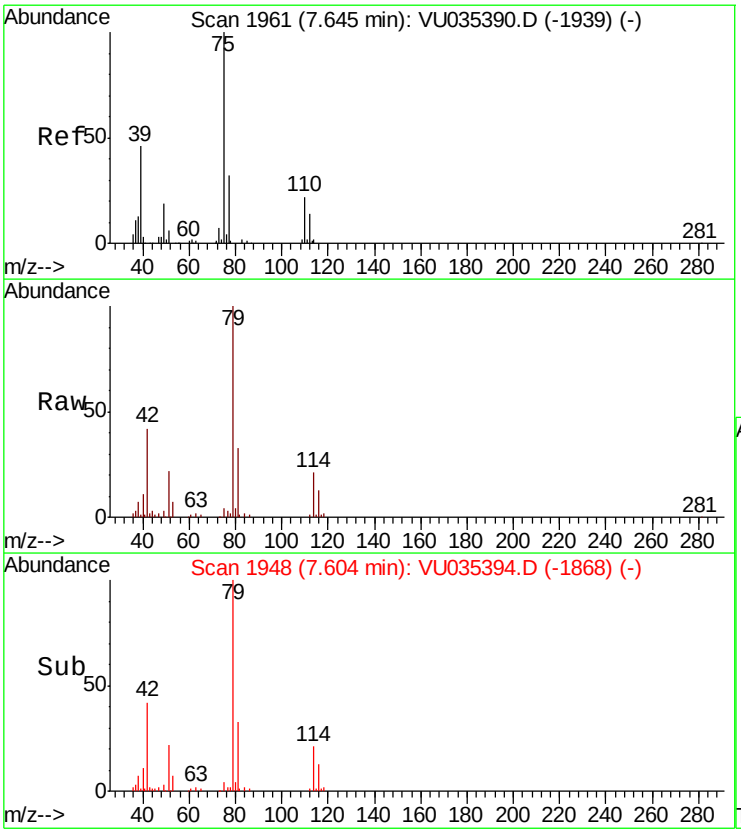
#37
1,2-Dichloropropane
Concen: 0.646 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035394.D
Acq: 23 Oct 2019 05:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 11511

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

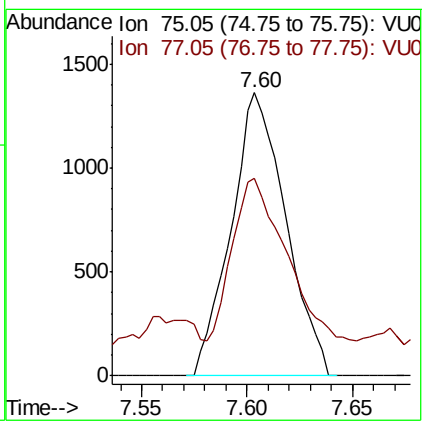


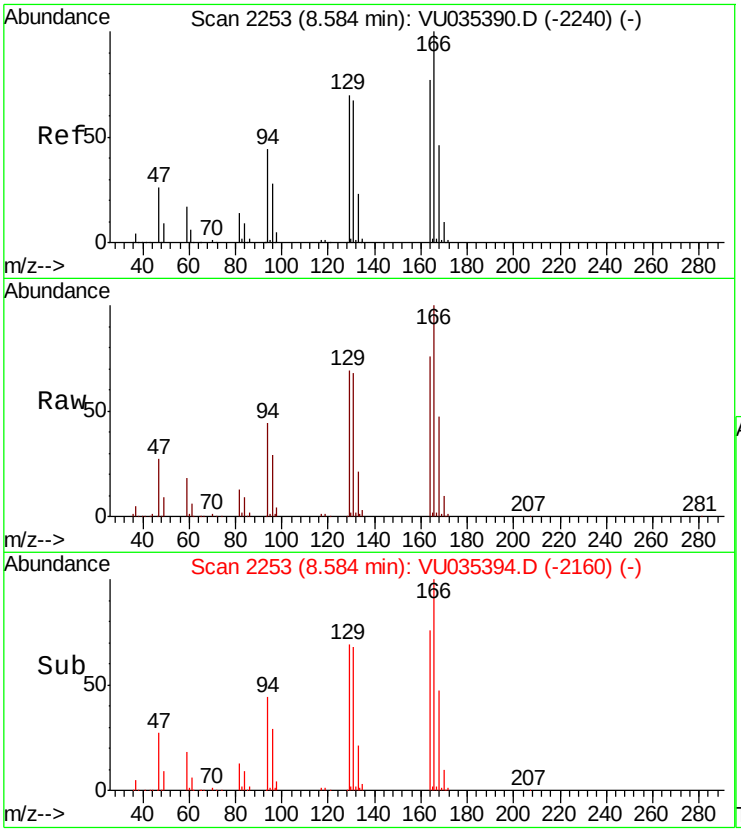


#39
cis-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035394.D
Acq: 23 Oct 2019 05:33

Tgt Ion: 75 Resp: 2451

Ion	Ratio	Lower	Upper
75	100		
77	69.9	22.7	42.1#



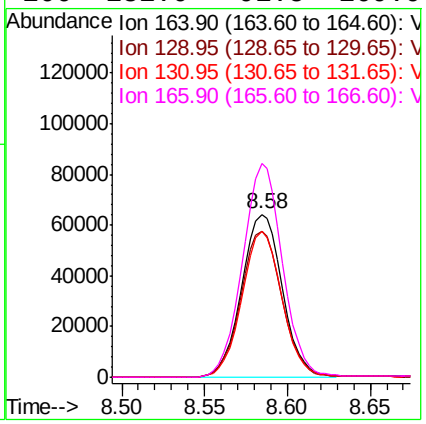


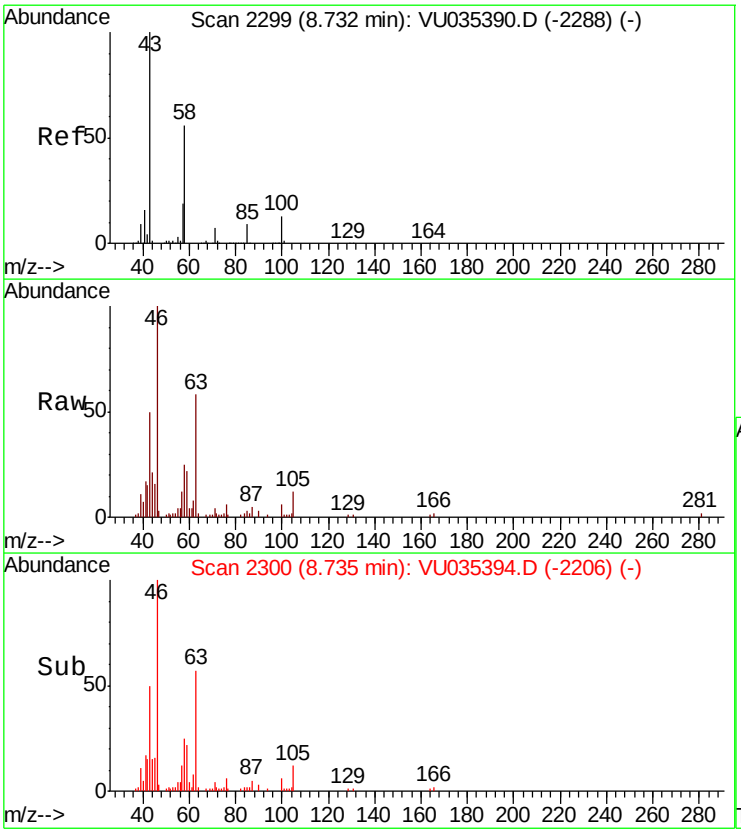
#47
Tetrachloroethene
Concen: 7.009 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU035394.D
Acq: 23 Oct 2019 05:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 110206

Ion	Ratio	Lower	Upper
164	100		
129	89.9	65.2	121.0
131	89.7	62.9	116.9
166	131.0	91.5	169.9

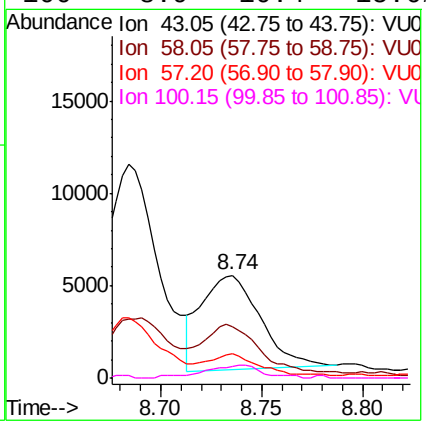


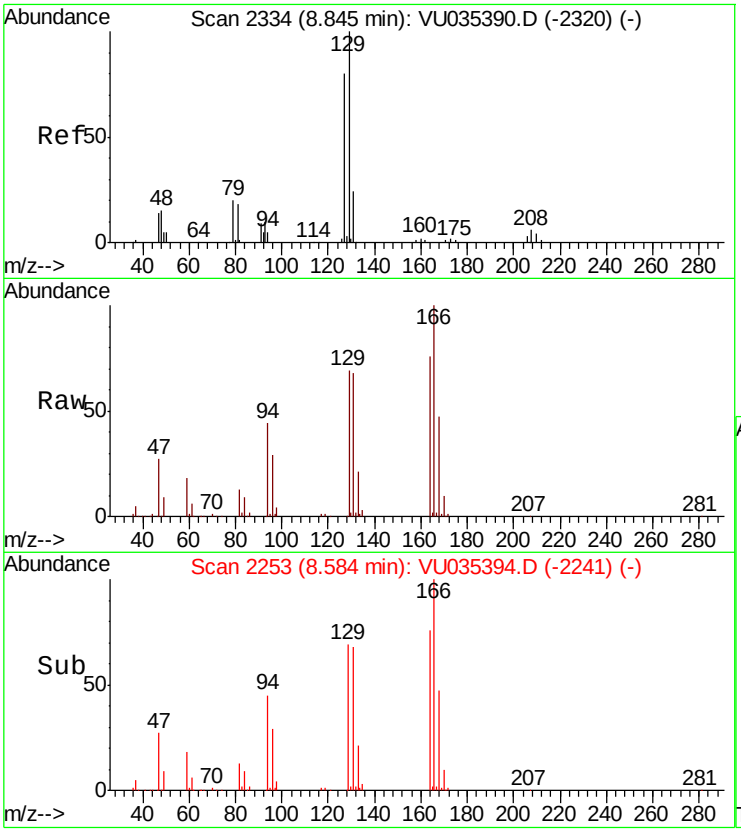


#48
2-Hexanone
Concen: 1.233 ug/L
RT: 8.74 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VU035394.D
Acq: 23 Oct 2019 05:33

Tgt Ion: 43 Resp: 10403

Ion	Ratio	Lower	Upper
43	100		
58	51.4	45.1	67.7
57	17.9	16.0	24.0
100	8.9	10.4	15.6#



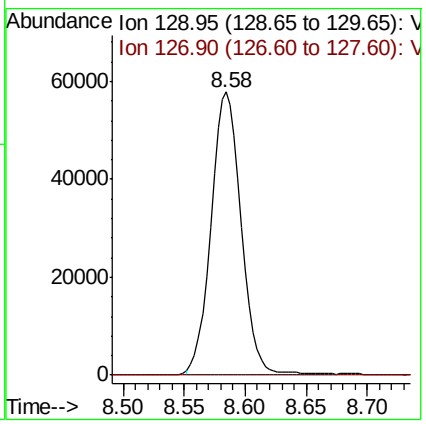


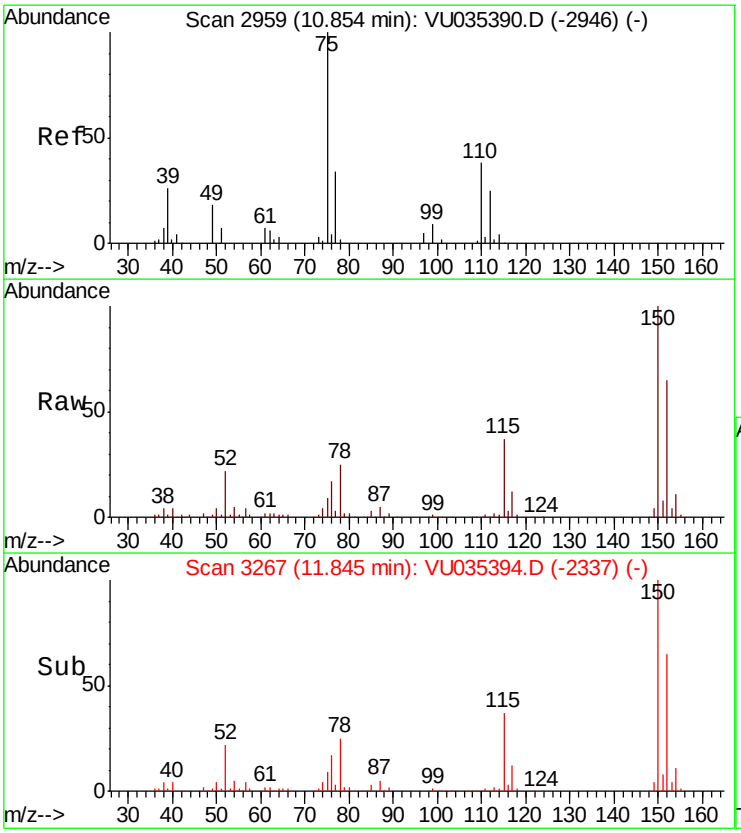
#49
Dibromochloromethane
Concen: 5.889 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035394.D
Acq: 23 Oct 2019 05:33

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 98769

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#





#59
1,2,3-Trichloropropane
Concen: 0.895 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035394.D
Acq: 23 Oct 2019 05:33

Tgt Ion: 75 Resp: 11116

Ion	Ratio	Lower	Upper
75	100		
77	34.6	26.2	39.2