Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111519\

Quantitation Report (Not Reviewed)

Data File : VU035731.D
Acq On : 15 Nov 2019 17:06
Operator : JC/SP
Sample : K5856-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQH1

Quant Time: Nov 16 01:42:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	217884	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	246406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	81434	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	90281	4.02	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.40%			
7) Chloroethane-d5	1.94	69	86652	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.40%			
11) 1,1-Dichloroethene-d2	2.59	63	120324	3.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.80%			
20) 2-Butanone-d5	4.70	46	240619	48.59	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.18%			
24) Chloroform-d	5.11	84	177119	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.75	65	95385	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
32) Benzene-d6	5.77	84	337018	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
36) 1,2-Dichloropropane-d6	6.74	67	119197	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.93	98	271535	3.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.00%			
43) trans-1,3-Dichloropropene-	8.22	79	39350	3.93	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.60%			
46) 2-Hexanone-d5	8.70	63	165278	42.11	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.22%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	98236	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	80812	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.61	96	7564	0.395	ug/L #	1
13) Acetone	2.67	43	6404	1.794	ug/L	88
18) trans-1,2-Dichloroethene	3.39	96	3067	0.155	ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	159310	7.312	ug/L	96
25) Chloroform	5.14	83	7022	0.176	ug/L	100
34) Trichloroethene	6.58	95	1176909	53.032	ug/L	98
35) Methylcyclohexane	6.74	83	26270	0.777	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	12501	0.547	ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2910	0.089	ug/L #	52
47) Tetrachloroethene	8.59	164	1924	0.099	ug/L	84
48) 2-Hexanone	8.74	43	13509	1.447	ug/L #	30
59) 1,2,3-Trichloropropane	11.84	75	9296	0.615	ug/L	95

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111519\

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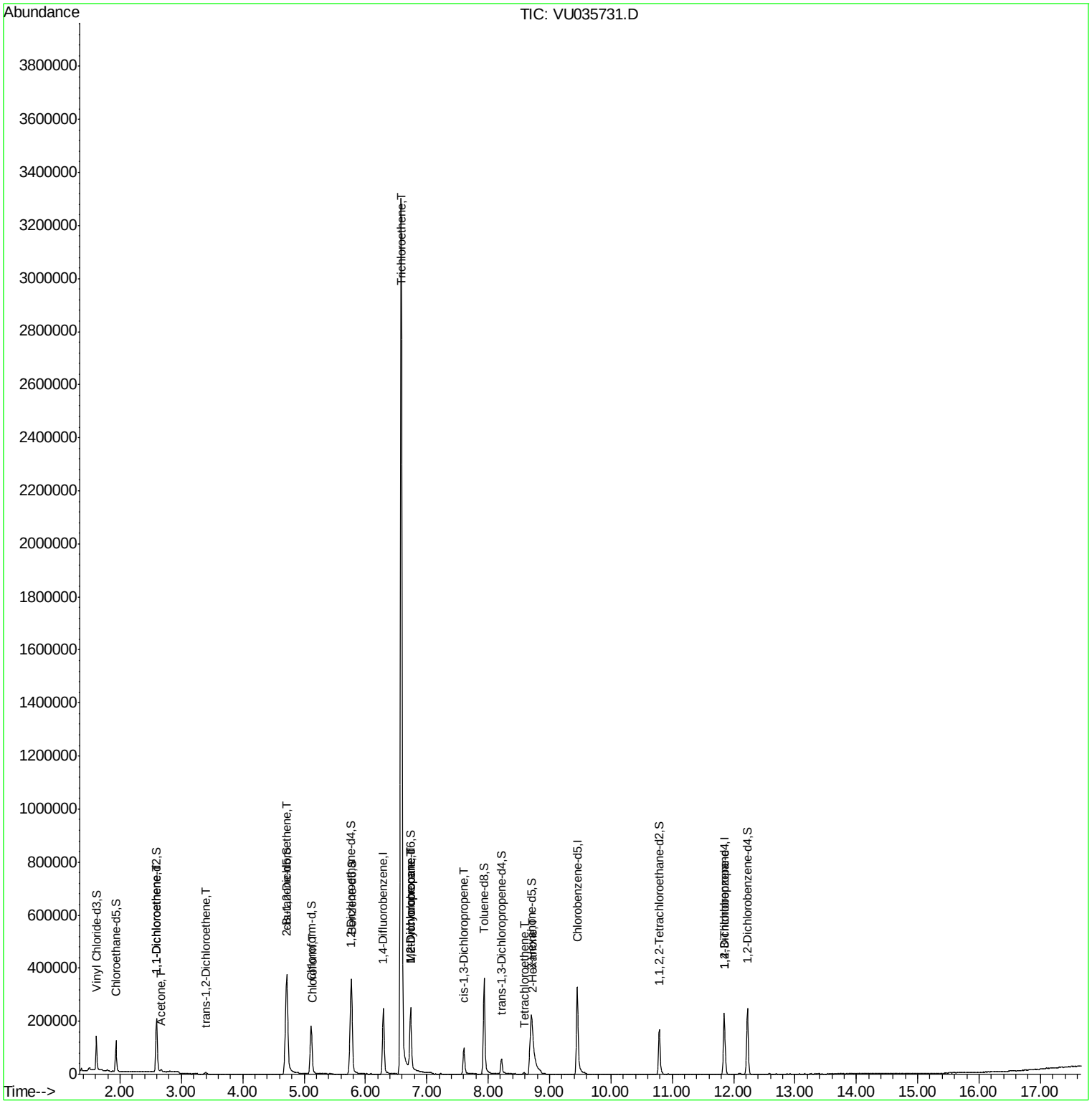
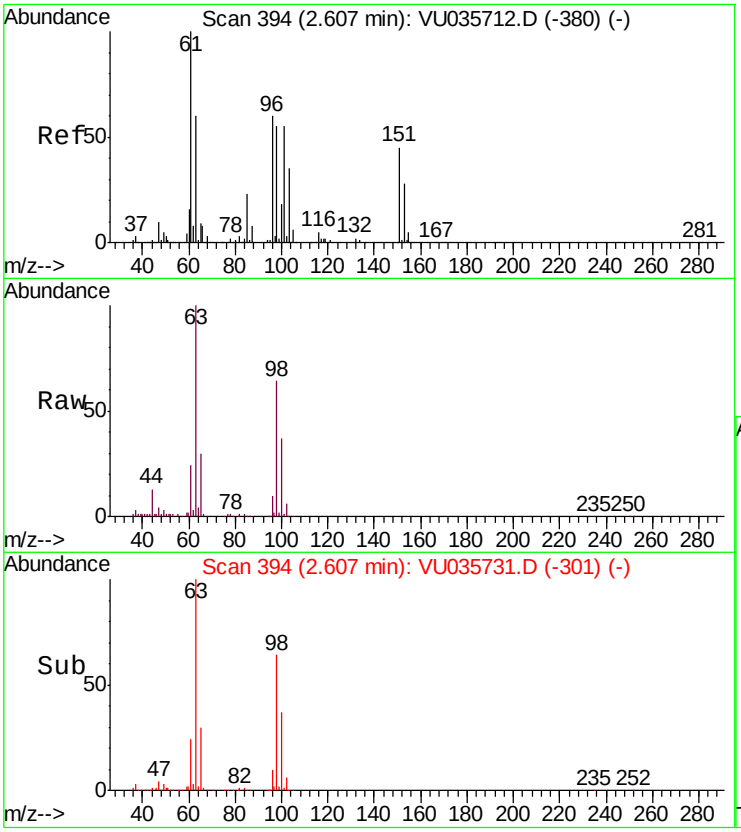
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration



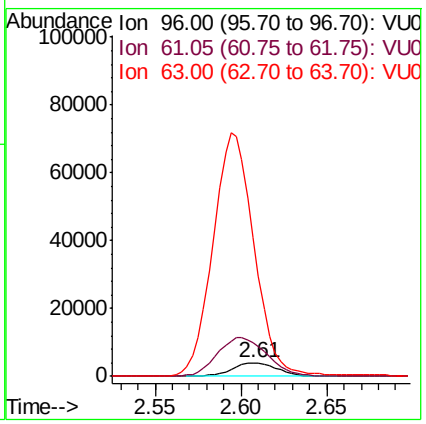


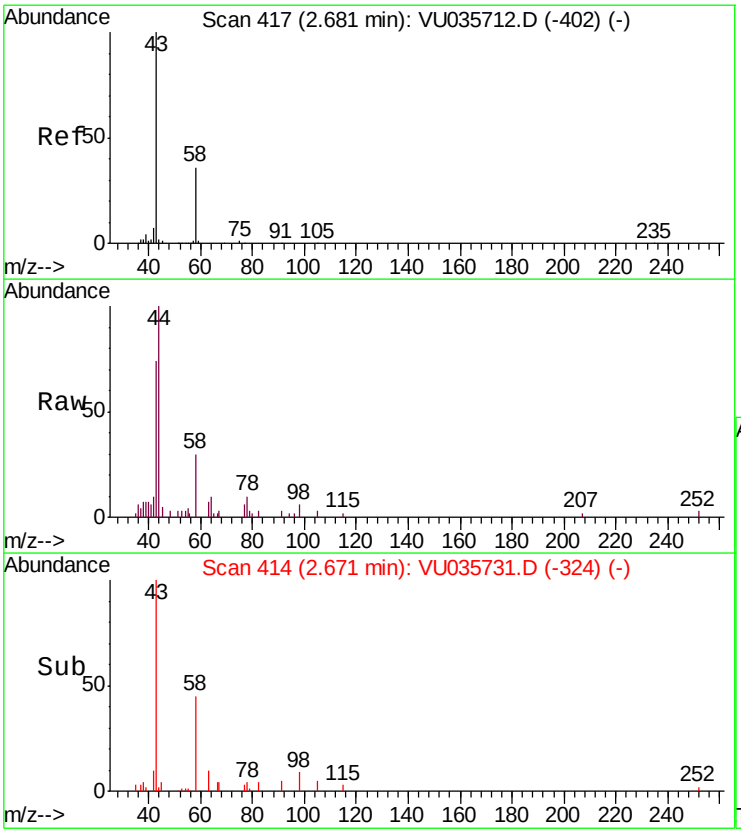
#12
1,1-Dichloroethene
Concen: 0.395 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU035731.D
Acq: 15 Nov 2019 17:06

Instrument :
MSVOA_U
ClientSampleId :
GAQH1

Tgt Ion: 96 Resp: 7564

Ion	Ratio	Lower	Upper
96	100		
61	239.8	123.1	228.5#
63	996.8	87.8	163.0#

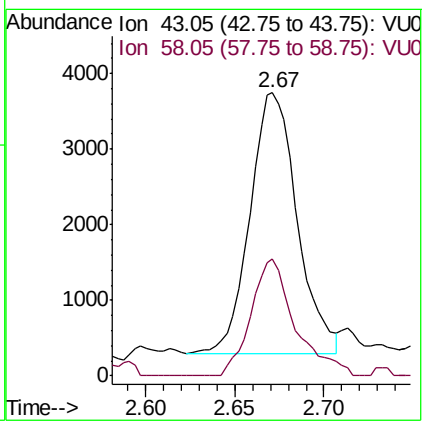


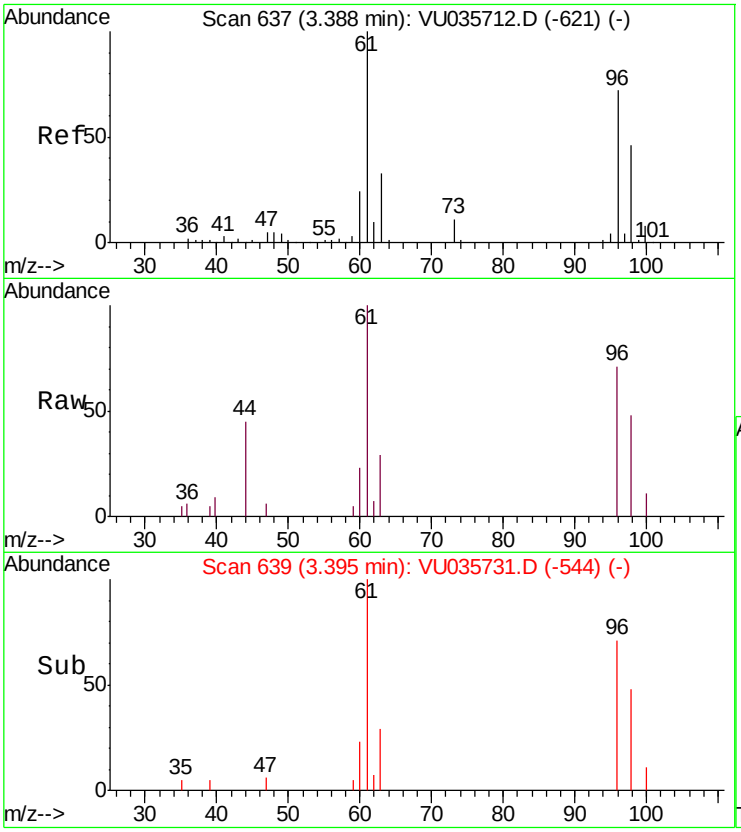


#13
Acetone
Concen: 1.794 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.01 min
Lab File: VU035731.D
Acq: 15 Nov 2019 17:06

Tgt Ion: 43 Resp: 6404

Ion	Ratio	Lower	Upper
43	100		
58	41.7	0.0	69.8



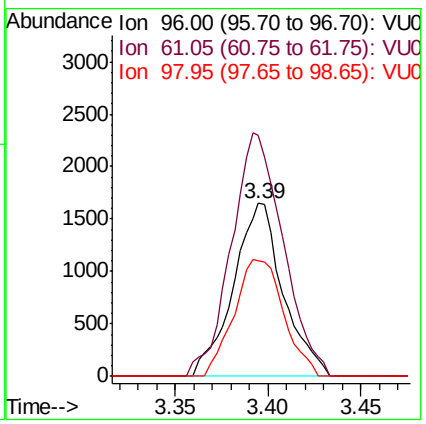


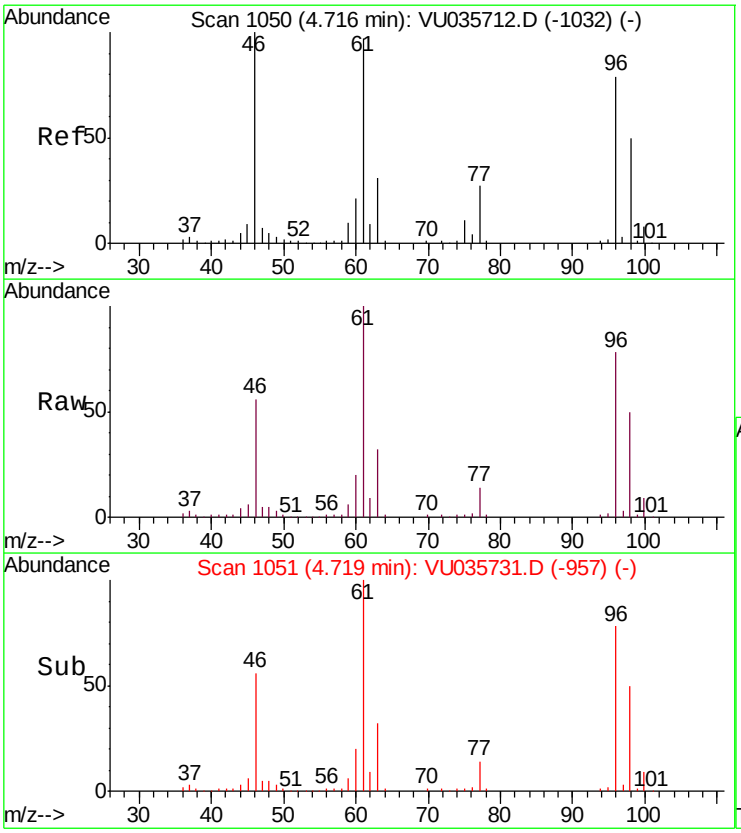
#18
trans-1,2-Dichloroethene
Concen: 0.155 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.01 min
Lab File: VU035731.D
Acq: 15 Nov 2019 17:06

Instrument :
MSVOA_U
ClientSampleId :
GAQH1

Tgt Ion: 96 Resp: 3067

Ion	Ratio	Lower	Upper
96	100		
61	139.9	95.0	176.4
98	67.2	42.5	78.9

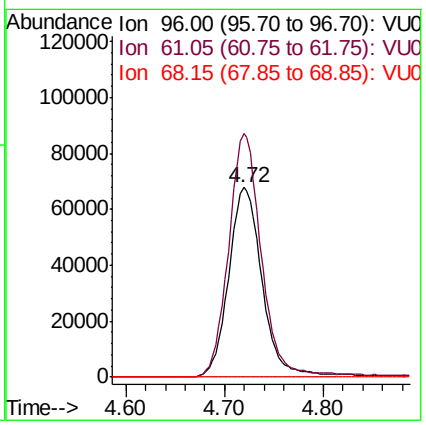


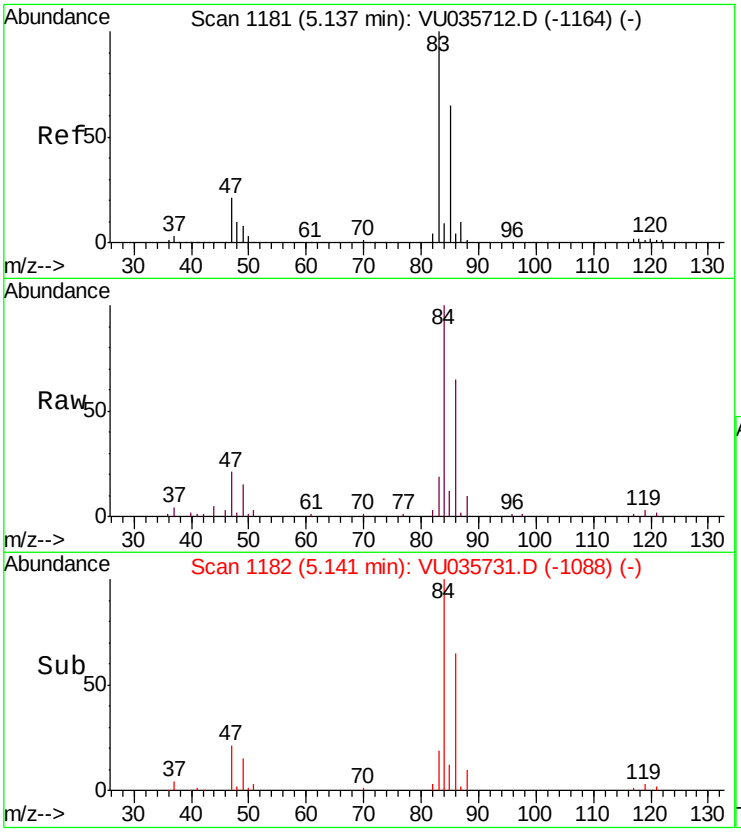


#22
cis-1,2-Dichloroethene
Concen: 7.312 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035731.D
Acq: 15 Nov 2019 17:06

Tgt Ion: 96 Resp: 159310

Ion	Ratio	Lower	Upper
96	100		
61	128.5	87.0	161.6
68	0.0	0.0	0.0



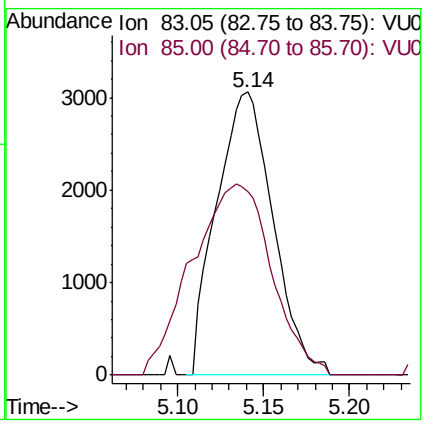


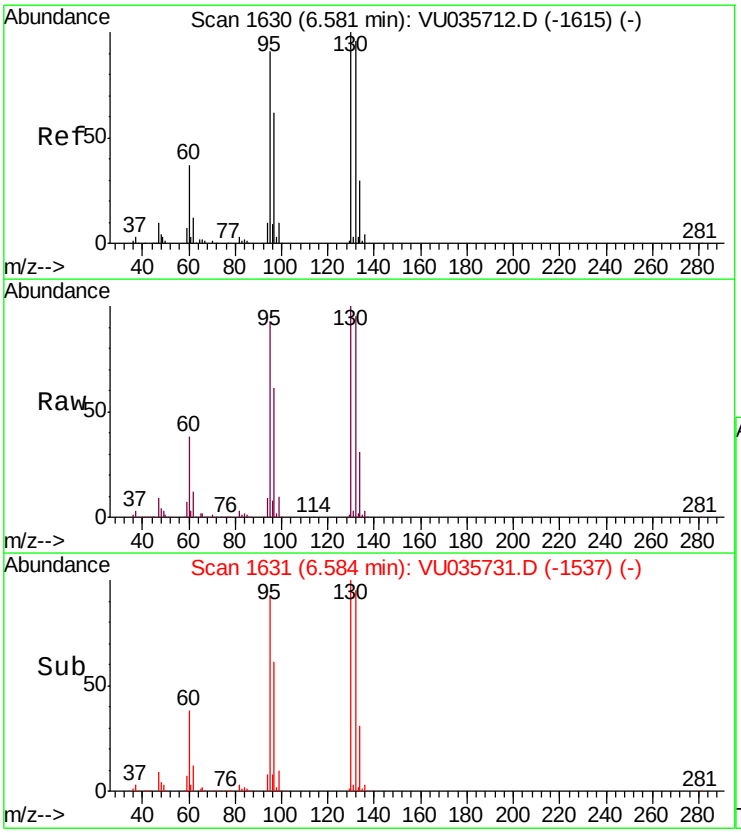
#25
Chloroform
Concen: 0.176 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035731.D
Acq: 15 Nov 2019 17:06

Instrument :
MSVOA_U
ClientSampleId :
GAQH1

Tgt Ion: 83 Resp: 7022

Ion	Ratio	Lower	Upper
83	100		
85	64.6	45.4	84.2

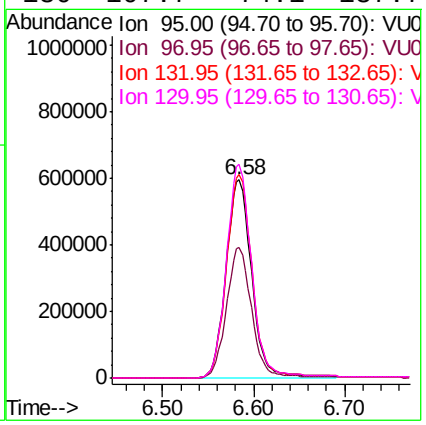


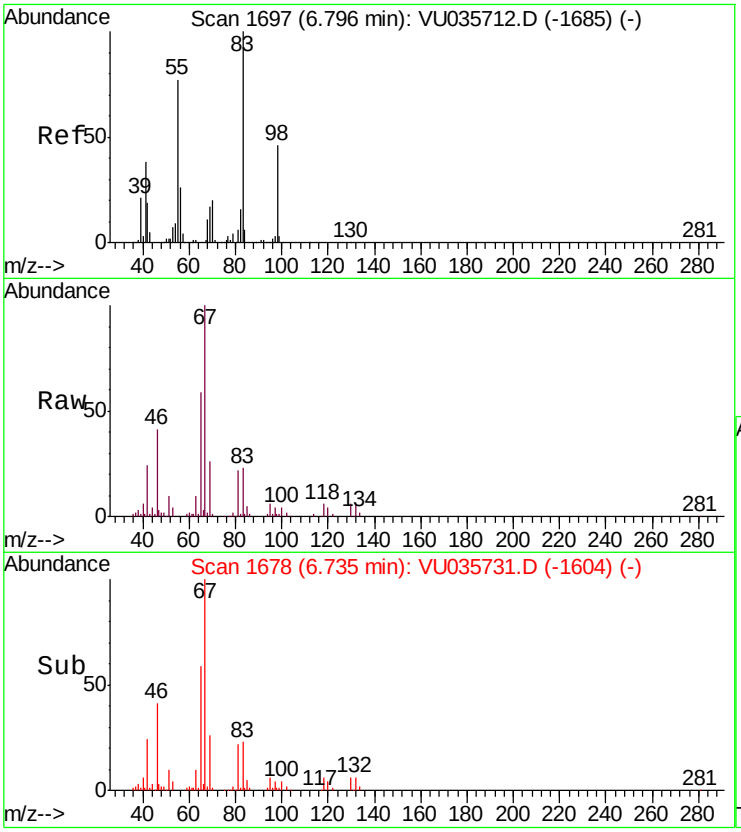


#34
Trichloroethene
Concen: 53.032 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035731.D
Acq: 15 Nov 2019 17:06

Tgt Ion: 95 Resp: 1176909

Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.5	82.7
132	102.7	69.9	129.7
130	107.7	74.1	137.7



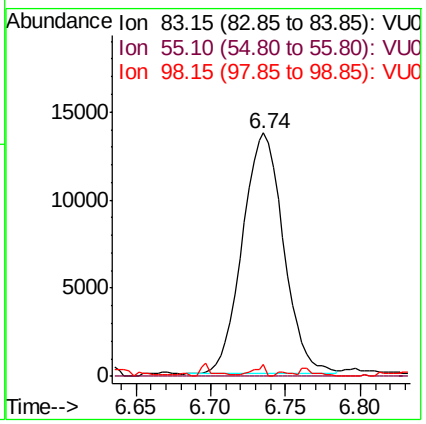


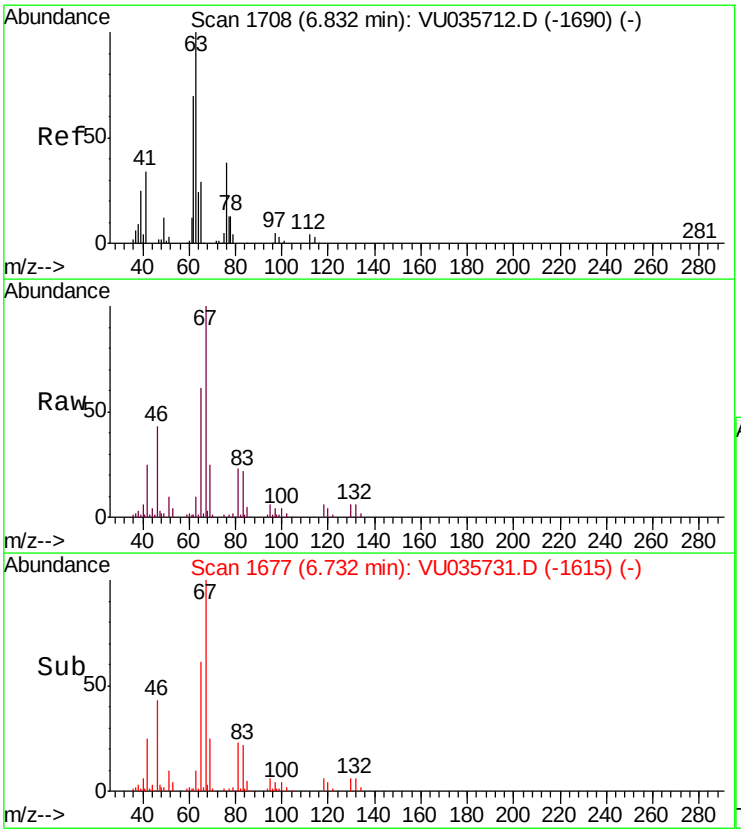
#35
Methylcyclohexane
Concen: 0.777 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035731.D
Acq: 15 Nov 2019 17:06

Instrument :
MSVOA_U
ClientSampleId :
GAQH1

Tgt Ion: 83 Resp: 26270

Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.6	93.8#
98	0.0	37.2	55.8#

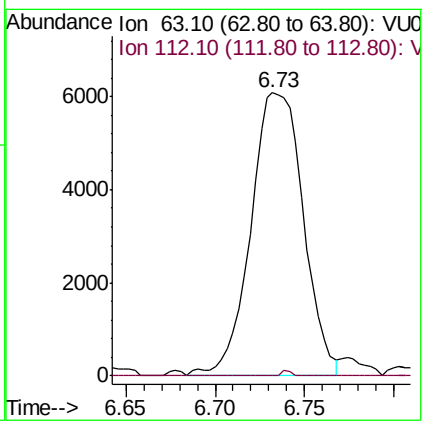


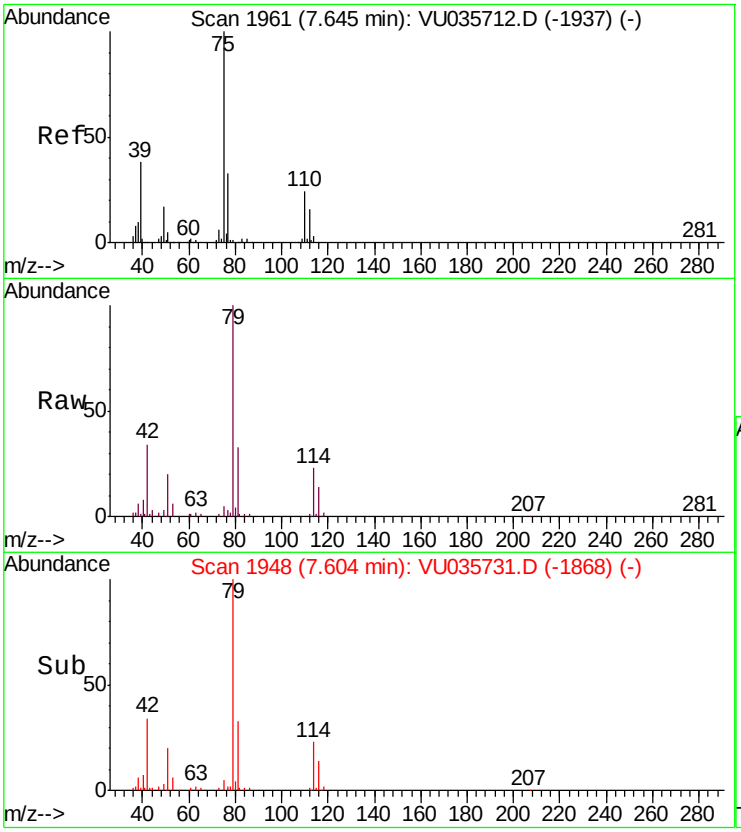


#37
1,2-Dichloropropane
Concen: 0.547 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035731.D
Acq: 15 Nov 2019 17:06

Tgt Ion: 63 Resp: 12501

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.4	5.2#



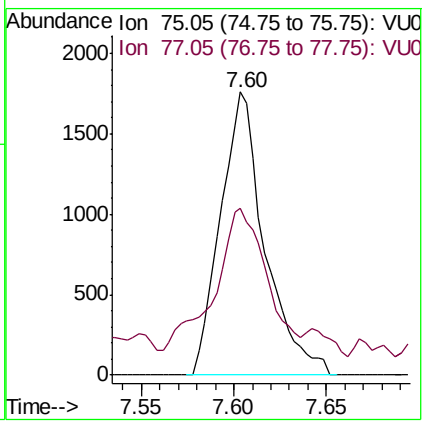


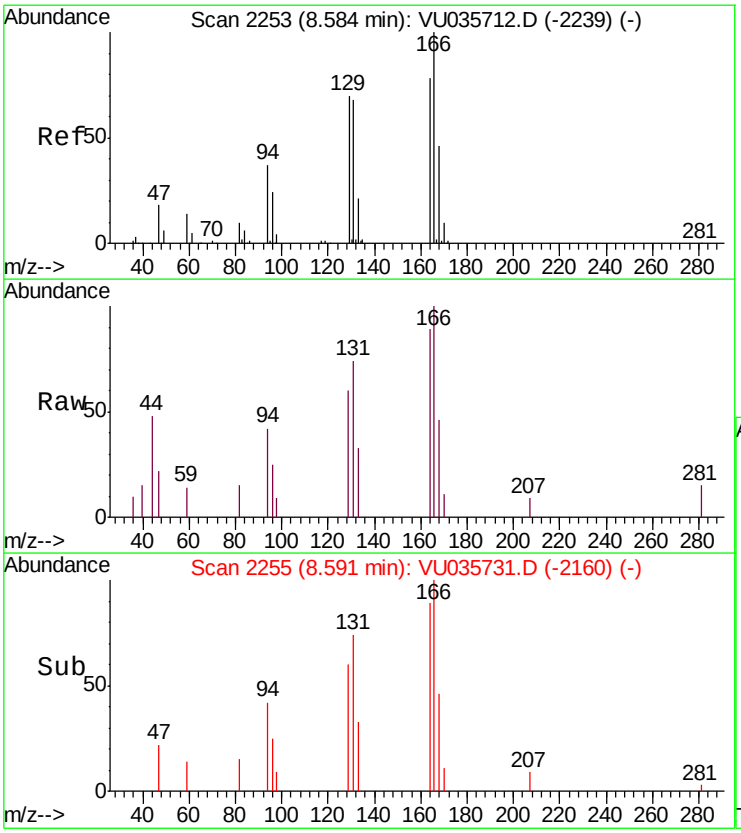
#39
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035731.D
Acq: 15 Nov 2019 17:06

Instrument : MSVOA_U
ClientSampleId : GAQH1

Tgt Ion: 75 Resp: 2910

Ion	Ratio	Lower	Upper
75	100		
77	59.0	22.5	41.7#

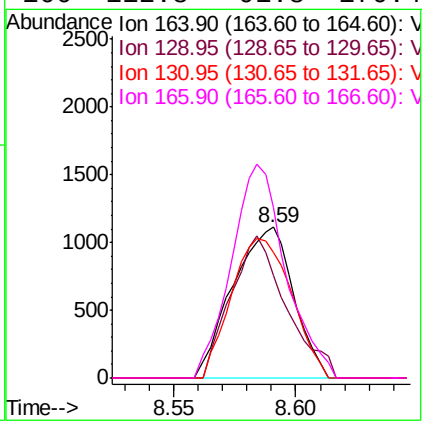


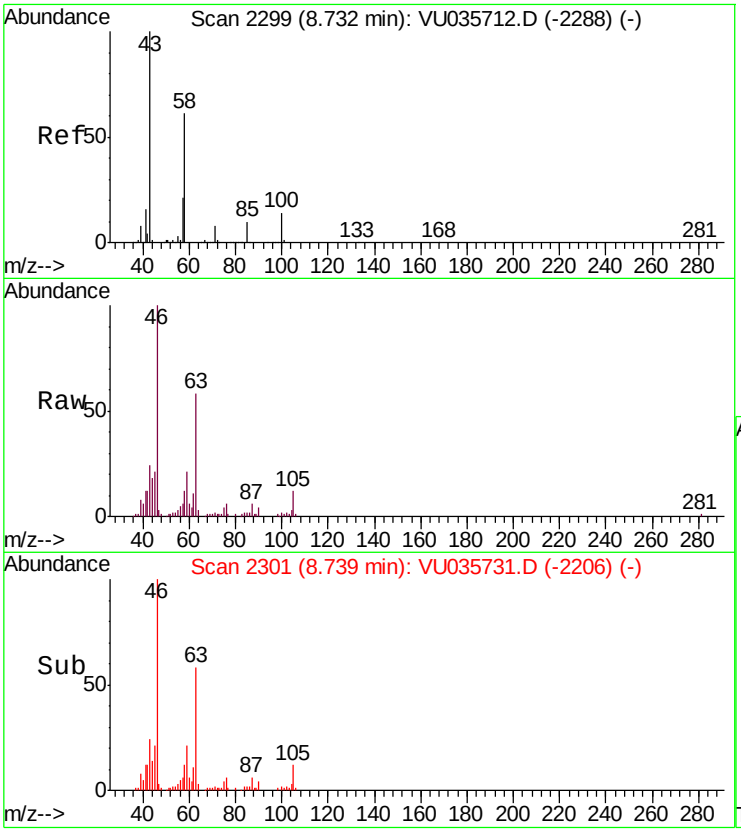


#47
Tetrachloroethene
Concen: 0.099 ug/L
RT: 8.59 min Scan# 2255
Delta R.T. 0.01 min
Lab File: VU035731.D
Acq: 15 Nov 2019 17:06

Tgt Ion:164 Resp: 1924

Ion	Ratio	Lower	Upper
164	100		
129	67.8	64.7	120.1
131	83.6	61.6	114.4
166	112.8	91.8	170.4



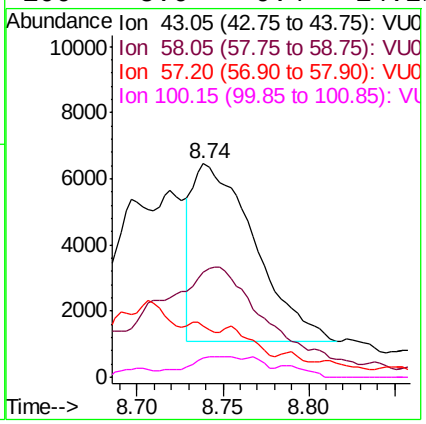


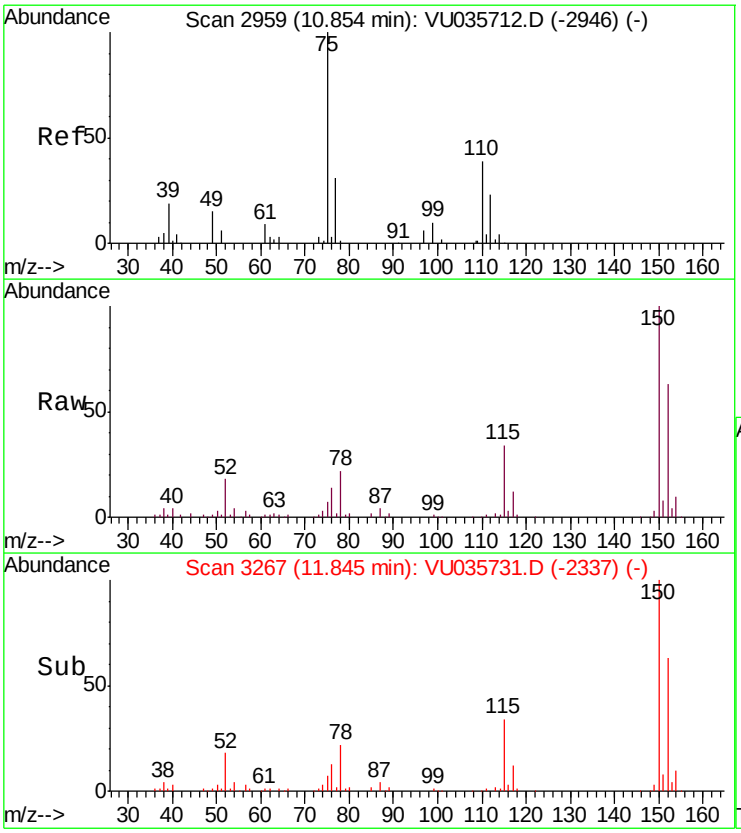
#48
2-Hexanone
Concen: 1.447 ug/L
RT: 8.74 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VU035731.D
Acq: 15 Nov 2019 17:06

Instrument : MSVOA_U
ClientSampleId : GAQH1

Tgt Ion: 43 Resp: 13509

Ion	Ratio	Lower	Upper
43	100		
58	125.3	44.1	66.1#
57	6.9	15.1	22.7#
100	5.6	9.4	14.2#





#59
1,2,3-Trichloropropane
Concen: 0.615 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035731.D
Acq: 15 Nov 2019 17:06

Tgt Ion: 75 Resp: 9296

Ion	Ratio	Lower	Upper
75	100		
77	30.4	26.8	40.2