Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\

Quantitation Report (Not Reviewed)

Data File : VU035855.D
Acq On : 26 Nov 2019 14:03
Operator : JC/SP
Sample : K5992-01REDL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GARE4DLRE

Quant Time: Nov 27 01:22:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	221411	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	259259	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	71303	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	155663	5.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.60%			
7) Chloroethane-d5	1.93	69	142490	5.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 113.80%			
11) 1,1-Dichloroethene-d2	2.60	63	193953	3.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.20%			
20) 2-Butanone-d5	4.69	46	258604	38.63	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 77.26%			
24) Chloroform-d	5.11	84	223170	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
26) 1,2-Dichloroethane-d4	5.75	65	139441	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
32) Benzene-d6	5.77	84	478251	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.74	67	169861	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.00%			
41) Toluene-d8	7.93	98	392429	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloropropene-	8.21	79	56052	4.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.40%			
46) 2-Hexanone-d5	8.69	63	239280	45.90	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.80%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	126939	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	85574	5.52	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.40%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.59	96	1807	0.078	ug/L #	1
13) Acetone	2.67	43	8680	1.477	ug/L	97
16) Methylene chloride	3.08	84	3191	0.115	ug/L	94
21) 2-Butanone	4.77	43	9808	1.318	ug/L #	62
22) cis-1,2-Dichloroethene	4.72	96	12902	0.510	ug/L	86
25) Chloroform	5.14	83	28821	0.581	ug/L	98
34) Trichloroethene	6.58	95	145249	5.474	ug/L	99
35) Methylcyclohexane	6.73	83	35775	0.919	ug/L #	13
37) 1,2-Dichloropropane	6.74	63	18253	0.595	ug/L #	90
39) cis-1,3-Dichloropropene	7.60	75	3657	0.092	ug/L #	58
48) 2-Hexanone	8.69	43	38404	2.768	ug/L #	76
59) 1,2,3-Trichloropropane	11.84	75	10516	0.527	ug/L	100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\

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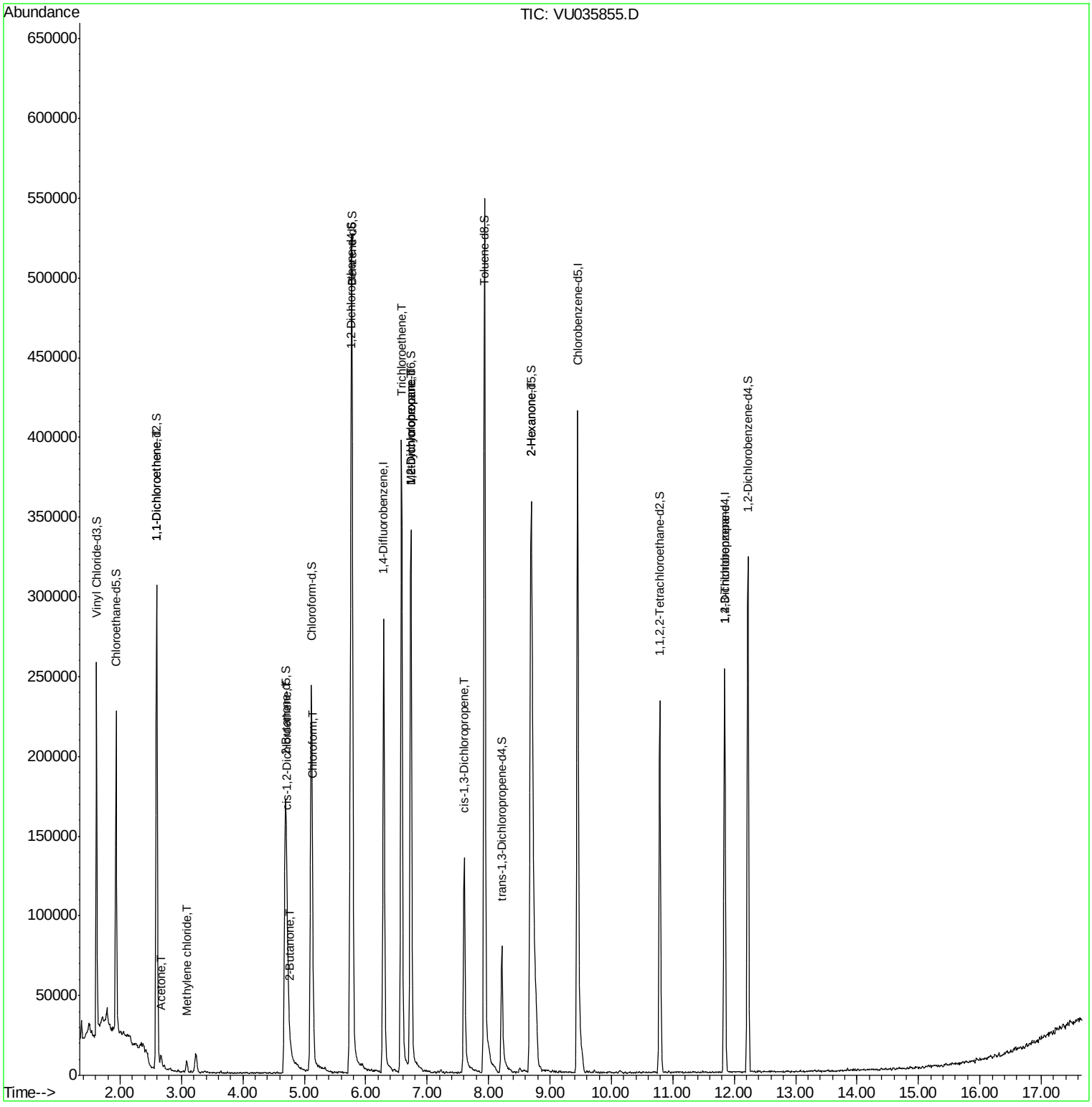
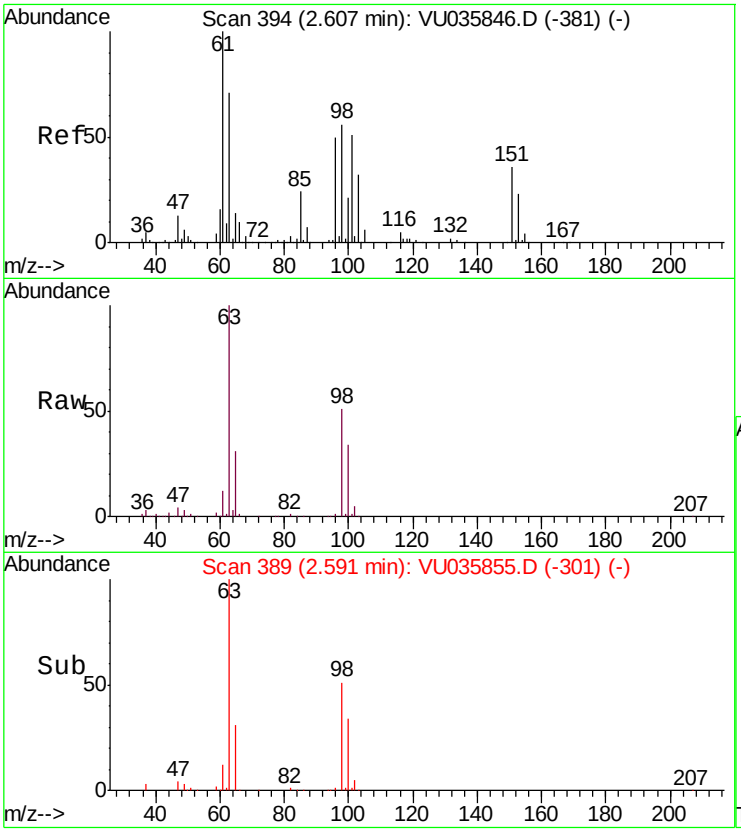
Instrument : MSVOA_U
ClientSampleId : GARE4DLRE

Quant Time: Nov 27 01:22:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:55 2019
Response via : Initial Calibration



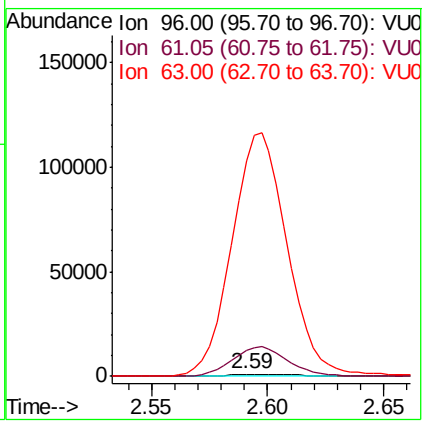


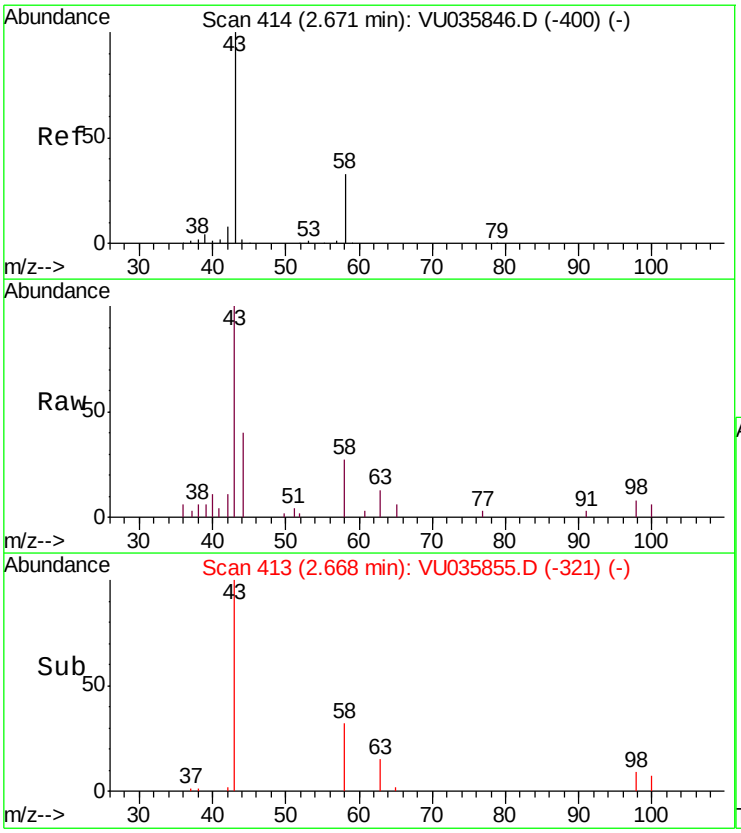
#12
1,1-Dichloroethene
Concen: 0.078 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.02 min
Lab File: VU035855.D
Acq: 26 Nov 2019 14:03

Instrument :
MSVOA_U
ClientSampleId :
GARE4DLRE

Tgt Ion: 96 Resp: 1807

Ion	Ratio	Lower	Upper
96	100		
61	1401.6	139.3	258.7#
63	11764.3	93.7	174.1#

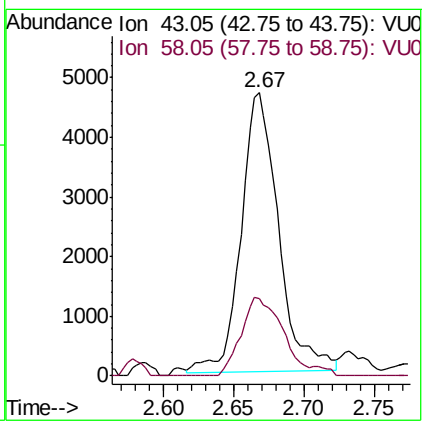


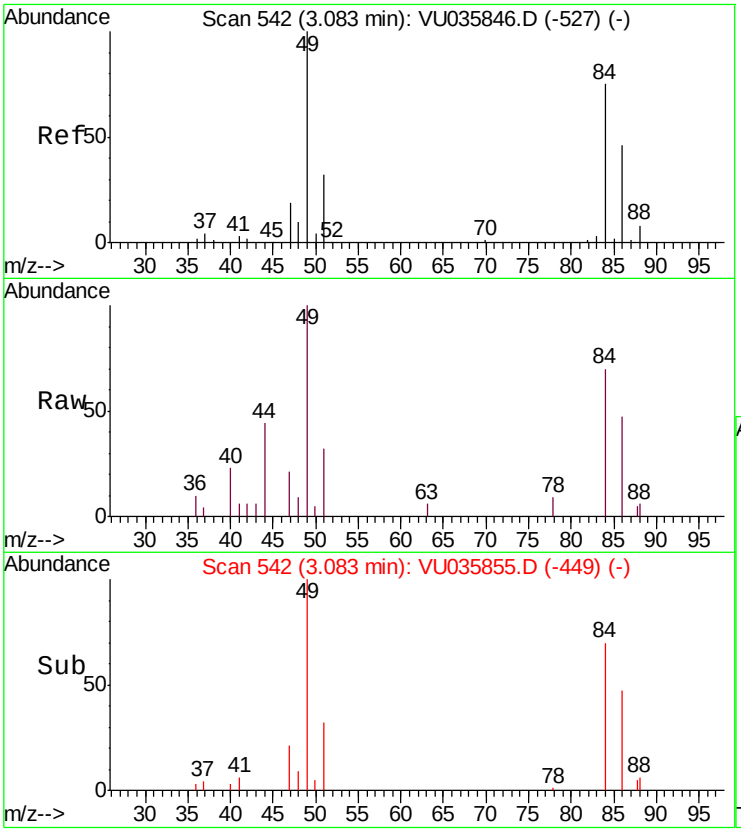


#13
Acetone
Concen: 1.477 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.00 min
Lab File: VU035855.D
Acq: 26 Nov 2019 14:03

Tgt Ion: 43 Resp: 8680

Ion	Ratio	Lower	Upper
43	100		
58	32.4	0.0	61.2



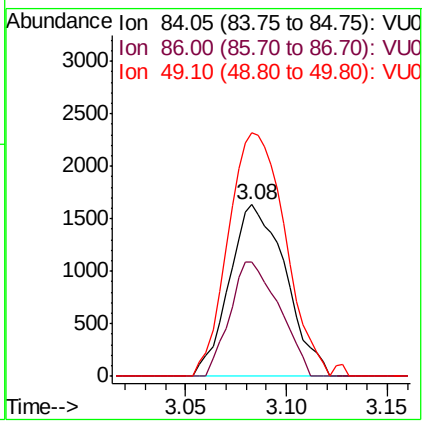


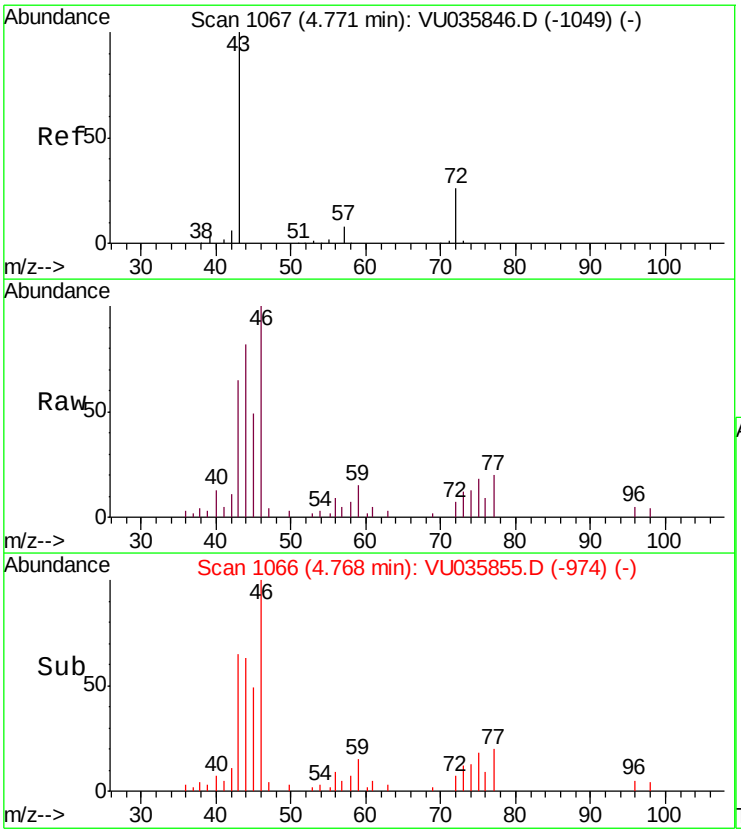
#16
Methylene chloride
Concen: 0.115 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035855.D
Acq: 26 Nov 2019 14:03

Instrument :
MSVOA_U
ClientSampleId :
GARE4DLRE

Tgt Ion: 84 Resp: 3191

Ion	Ratio	Lower	Upper
84	100		
86	66.4	44.4	82.5
49	142.1	94.0	174.6

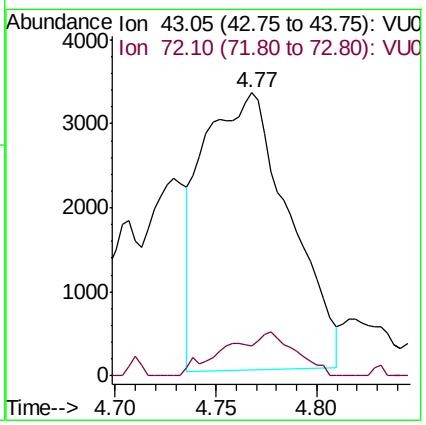


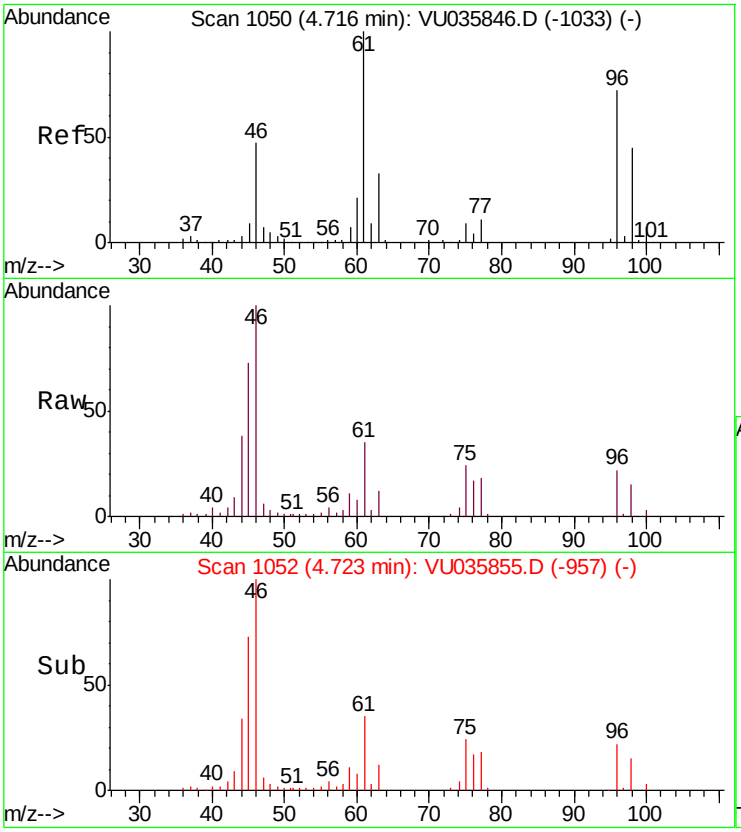


#21
2-Butanone
Concen: 1.318 ug/L
RT: 4.77 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VU035855.D
Acq: 26 Nov 2019 14:03

Tgt Ion: 43 Resp: 9808

Ion	Ratio	Lower	Upper
43	100		
72	5.9	12.4	37.4#



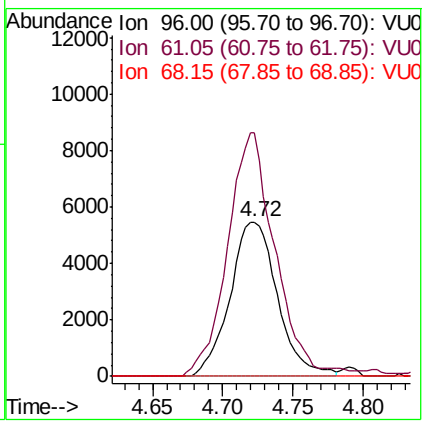


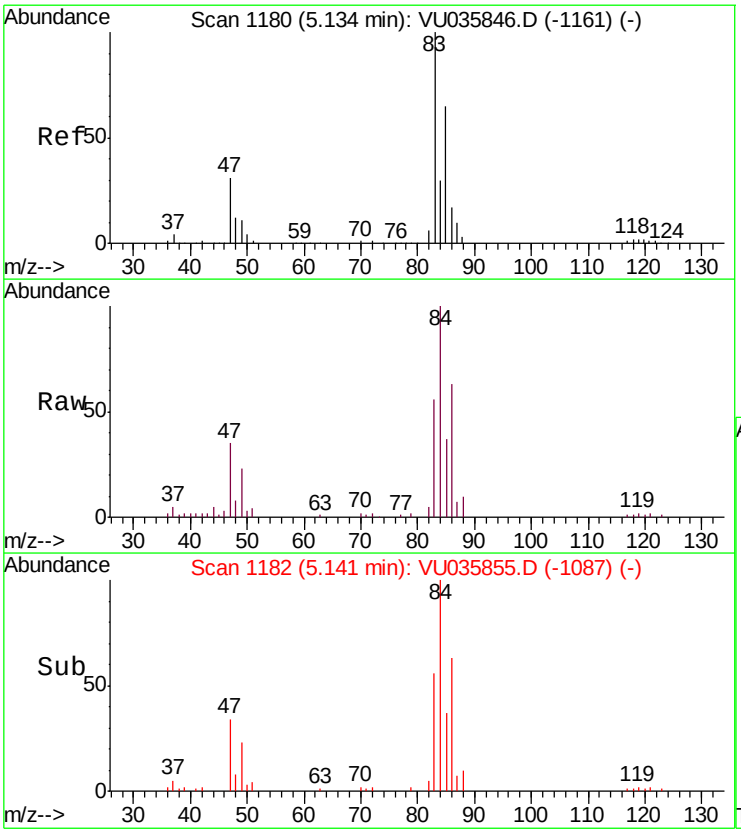
#22
cis-1,2-Dichloroethene
Concen: 0.510 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VU035855.D
Acq: 26 Nov 2019 14:03

Instrument :
MSVOA_U
ClientSampleId :
GARE4DLRE

Tgt Ion: 96 Resp: 12902

Ion	Ratio	Lower	Upper
96	100		
61	157.4	98.1	182.1
68	0.0	0.0	0.0

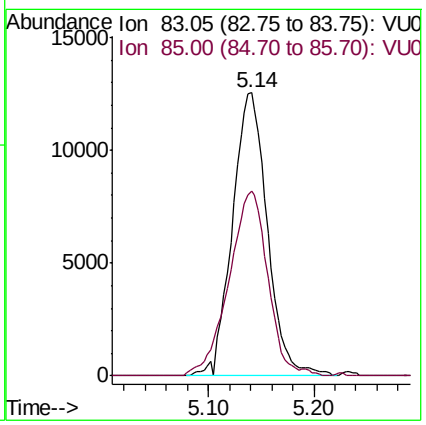


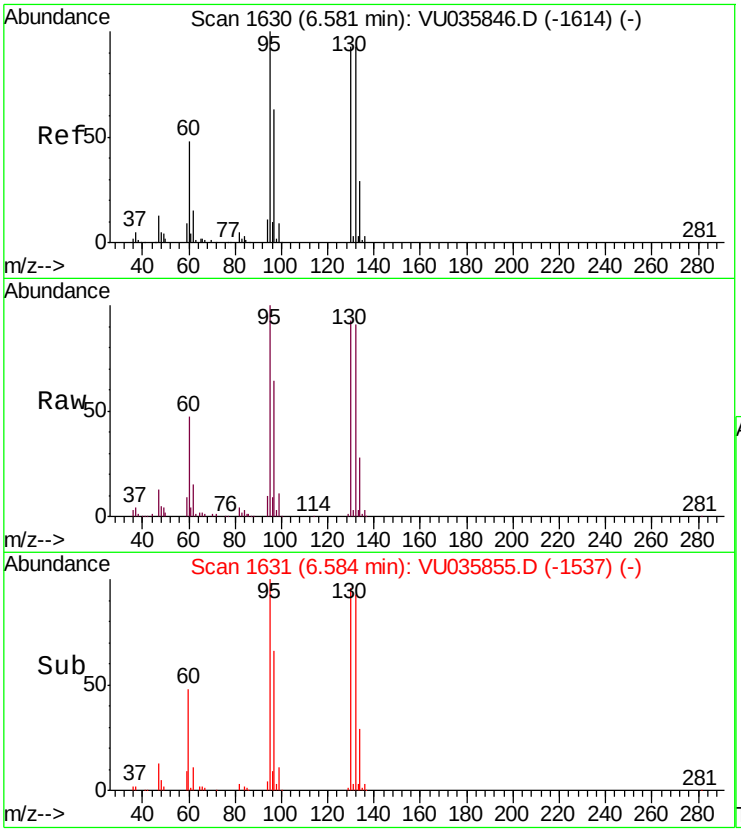


#25
Chloroform
Concen: 0.581 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VU035855.D
Acq: 26 Nov 2019 14:03

Tgt Ion: 83 Resp: 28821

Ion	Ratio	Lower	Upper
83	100		
85	65.3	44.6	82.8



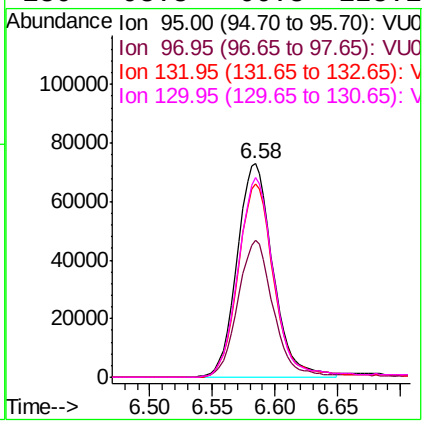


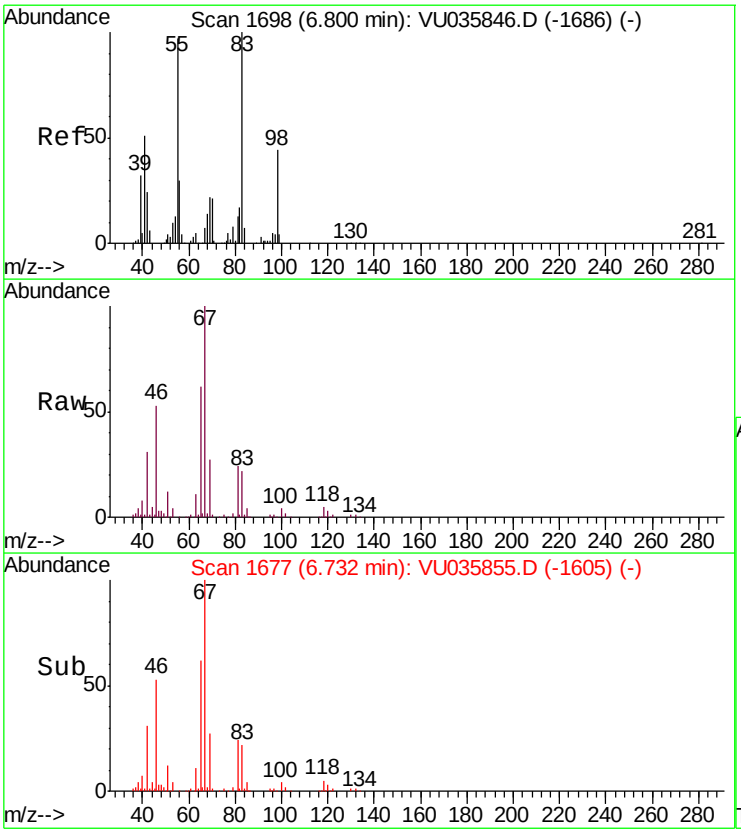
#34
Trichloroethene
Concen: 5.474 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035855.D
Acq: 26 Nov 2019 14:03

Instrument :
MSVOA_U
ClientSampleId :
GARE4DLRE

Tgt Ion: 95 Resp: 145249

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.1	83.9
132	90.6	61.9	114.9
130	93.3	66.3	123.1

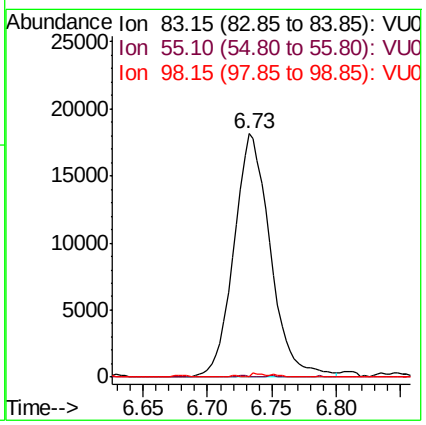


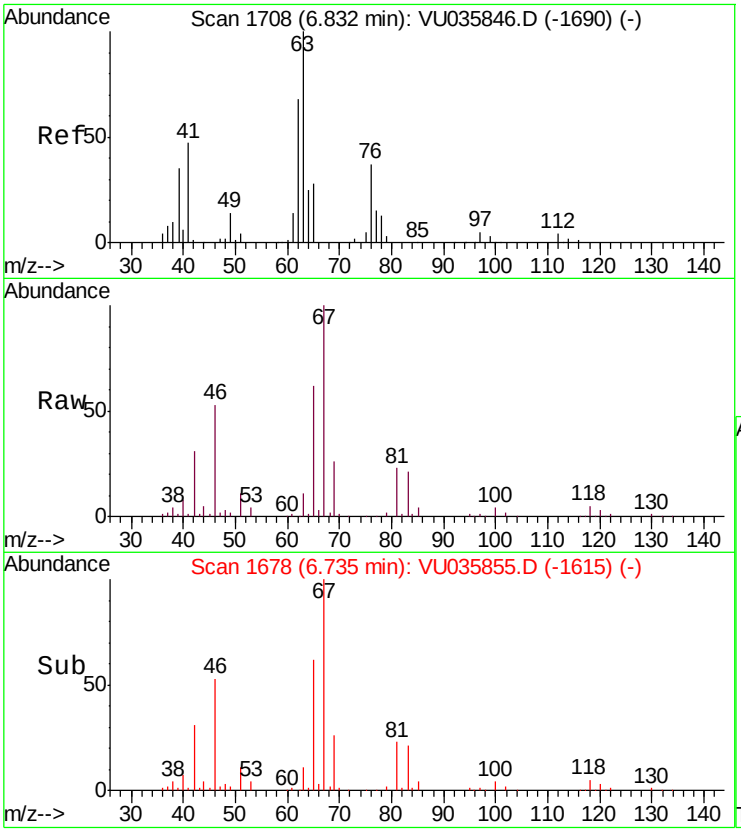


#35
Methylcyclohexane
Concen: 0.919 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035855.D
Acq: 26 Nov 2019 14:03

Tgt Ion: 83 Resp: 35775

Ion	Ratio	Lower	Upper
83	100		
55	0.2	72.7	109.1#
98	0.5	36.2	54.4#



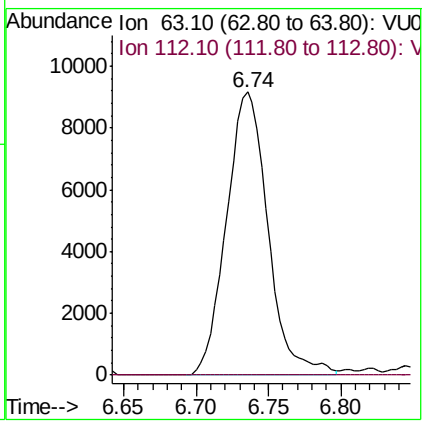


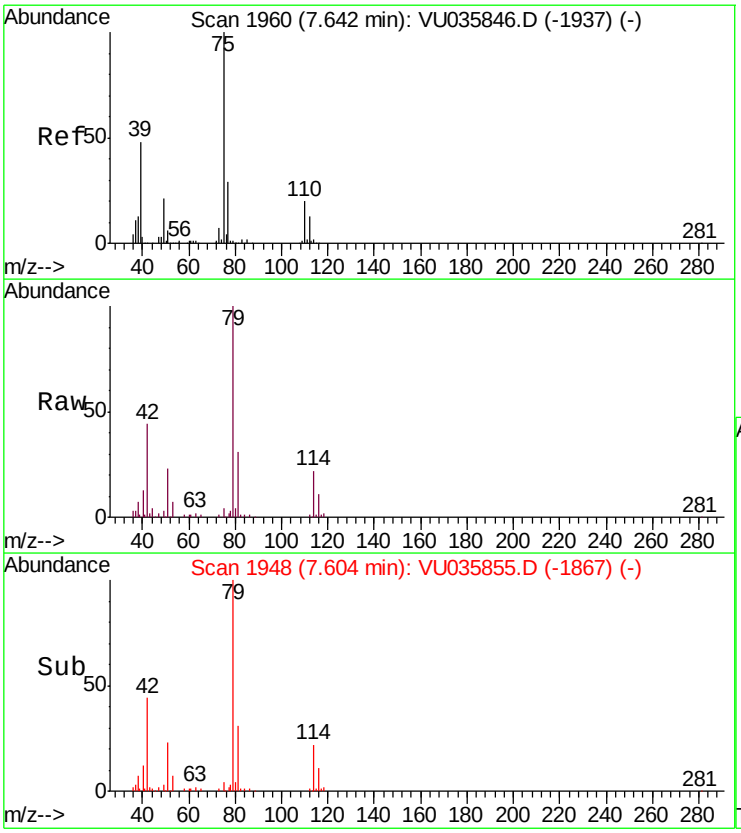
#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035855.D
Acq: 26 Nov 2019 14:03

Instrument :
MSVOA_U
ClientSampleId :
GARE4DLRE

Tgt Ion: 63 Resp: 18253

Ion	Ratio	Lower	Upper
63	100		
112	0.2	2.7	4.1#

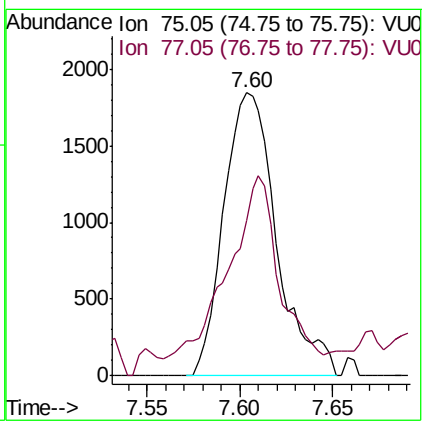


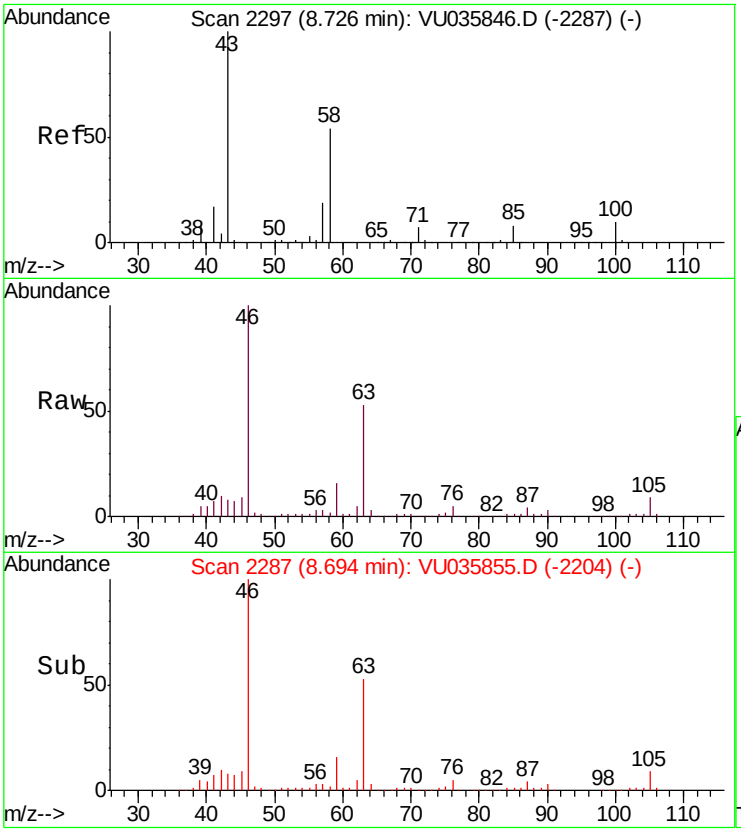


#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035855.D
Acq: 26 Nov 2019 14:03

Tgt Ion: 75 Resp: 3657

Ion	Ratio	Lower	Upper
75	100		
77	54.9	22.1	41.1#



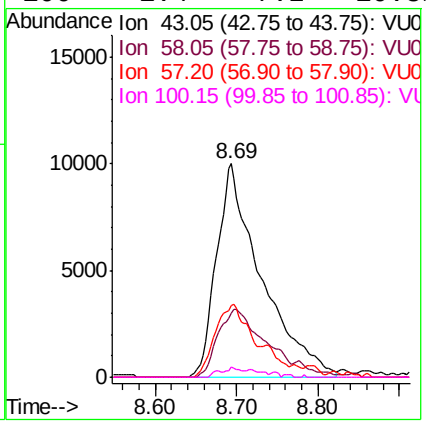


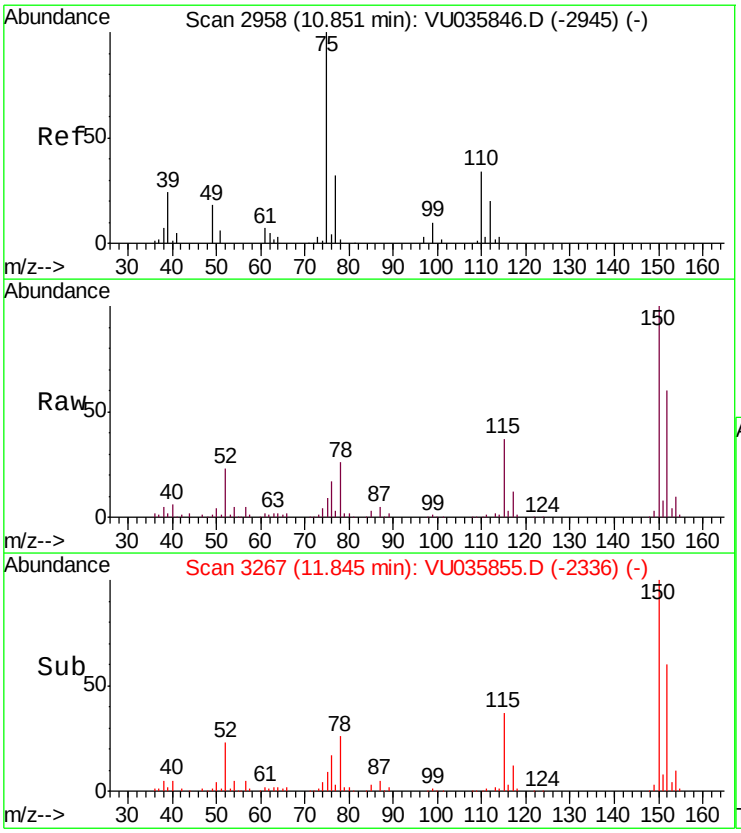
#48
2-Hexanone
Concen: 2.768 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. -0.03 min
Lab File: VU035855.D
Acq: 26 Nov 2019 14:03

Instrument :
MSVOA_U
ClientSampleId :
GARE4DLRE

Tgt Ion: 43 Resp: 38404

Ion	Ratio	Lower	Upper
43	100		
58	32.3	39.8	59.8#
57	26.2	14.0	21.0#
100	1.4	7.2	10.8#





#59
1,2,3-Trichloropropane
Concen: 0.527 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035855.D
Acq: 26 Nov 2019 14:03

Tgt Ion: 75 Resp: 10516

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2