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

Quantitation Report (Not Reviewed)

Data File : VU035850.D
Acq On : 26 Nov 2019 12:01
Operator : JC/SP
Sample : K5992-05DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GARE6DL

Quant Time: Nov 27 01:21:53 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	232530	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	262691	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	100586	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	163603	5.39	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.80%			
7) Chloroethane-d5	1.93	69	143546	5.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.20%			
11) 1,1-Dichloroethene-d2	2.59	63	200513	3.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.00%			
20) 2-Butanone-d5	4.70	46	390692	55.58	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.16%			
24) Chloroform-d	5.11	84	251843	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.75	65	143947	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.77	84	489872	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.73	67	173887	5.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.00%			
41) Toluene-d8	7.93	98	385230	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.40%			
43) trans-1,3-Dichloropropene-	8.22	79	59250	4.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.00%			
46) 2-Hexanone-d5	8.68	63	285584	54.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.14%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	136178	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	121167	5.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.00%			

Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	18759	0.483	ug/L	92
12) 1,1-Dichloroethene	2.60	96	3375	0.139	ug/L #	1
13) Acetone	2.69	43	9586	1.553	ug/L	95
16) Methylene chloride	3.08	84	3495	0.120	ug/L	81
18) trans-1,2-Dichloroethene	3.40	96	2355	0.099	ug/L	75
22) cis-1,2-Dichloroethene	4.72	96	159560	6.010	ug/L	99
34) Trichloroethene	6.58	95	179568	6.679	ug/L	97
35) Methylcyclohexane	6.74	83	36687	0.930	ug/L #	14
37) 1,2-Dichloropropane	6.73	63	19097	0.614	ug/L #	91
39) cis-1,3-Dichloropropene	7.60	75	3745	0.093	ug/L #	50
48) 2-Hexanone	8.68	43	36113	2.569	ug/L #	73
59) 1,2,3-Trichloropropane	11.84	75	14642	0.724	ug/L	92

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

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

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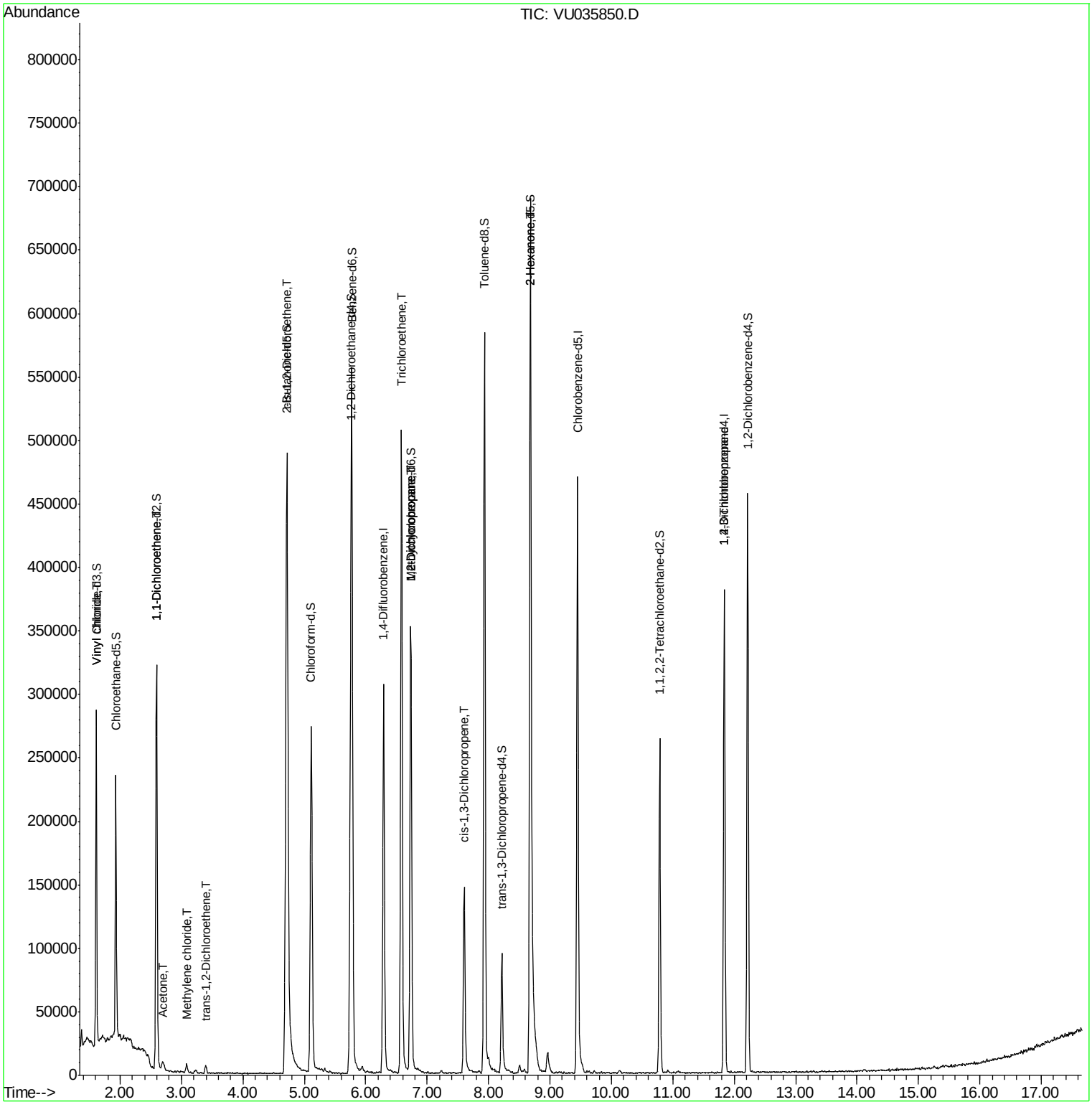
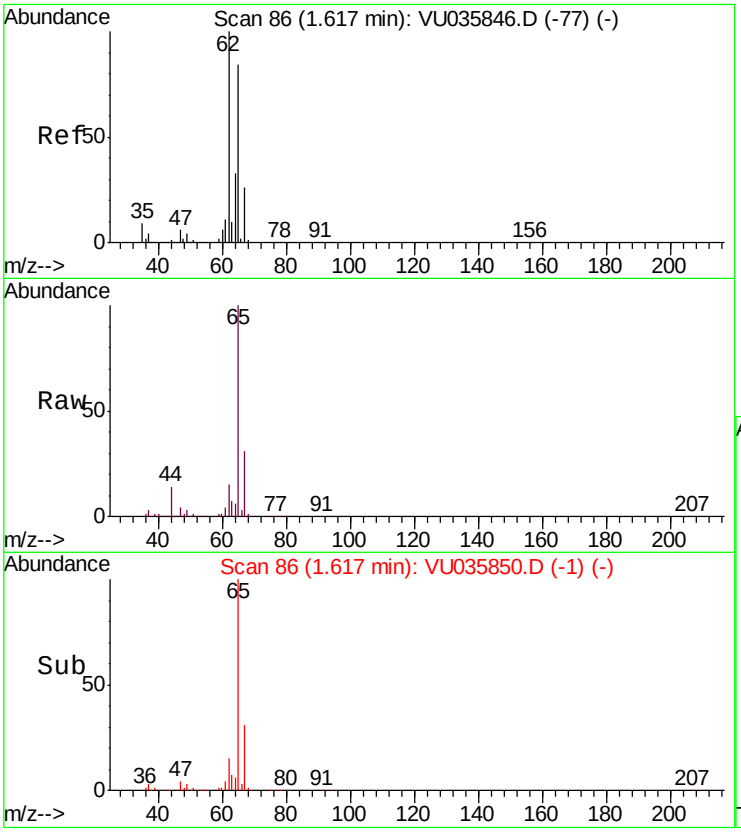
MSVOA_U
ClientSampleId :
GARE6DL

Quant Time: Nov 27 01:21:53 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



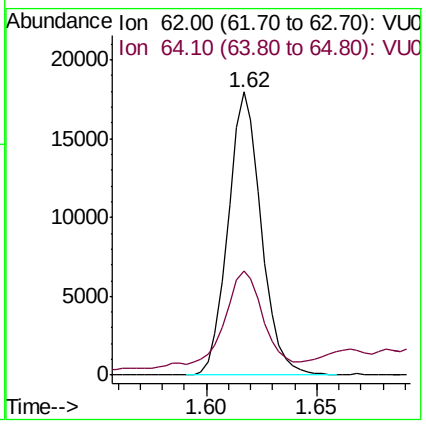


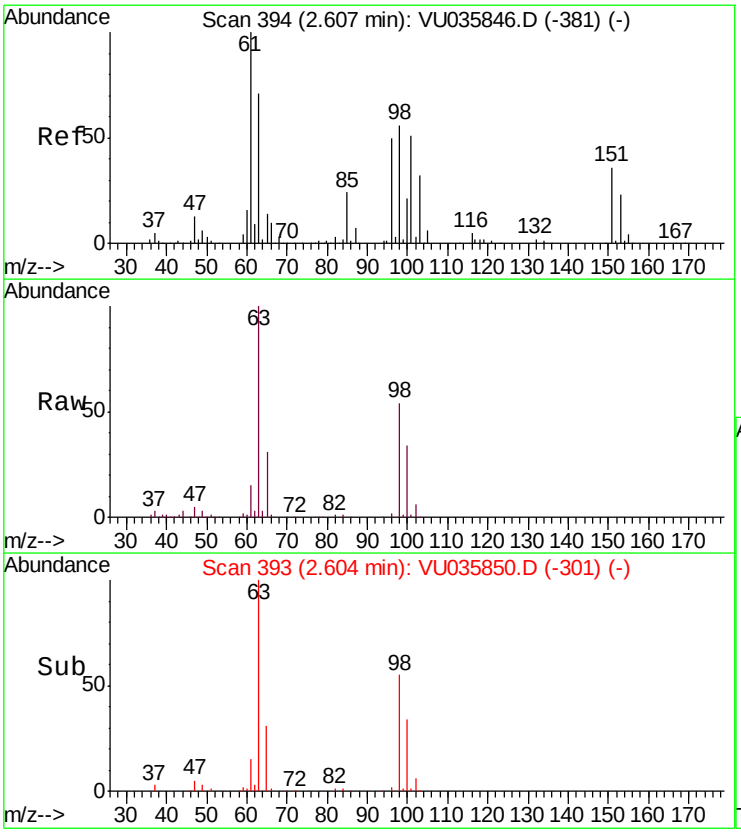
#5
Vinyl chloride
Concen: 0.483 ug/L
RT: 1.62 min Scan# 86
Delta R.T. 0.00 min
Lab File: VU035850.D
Acq: 26 Nov 2019 12:01

Instrument :
MSVOA_U
ClientSampleId :
GARE6DL

Tgt Ion: 62 Resp: 18759

Ion	Ratio	Lower	Upper
62	100		
64	36.7	22.5	41.9

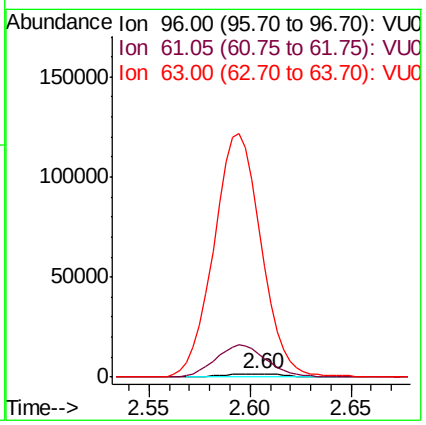


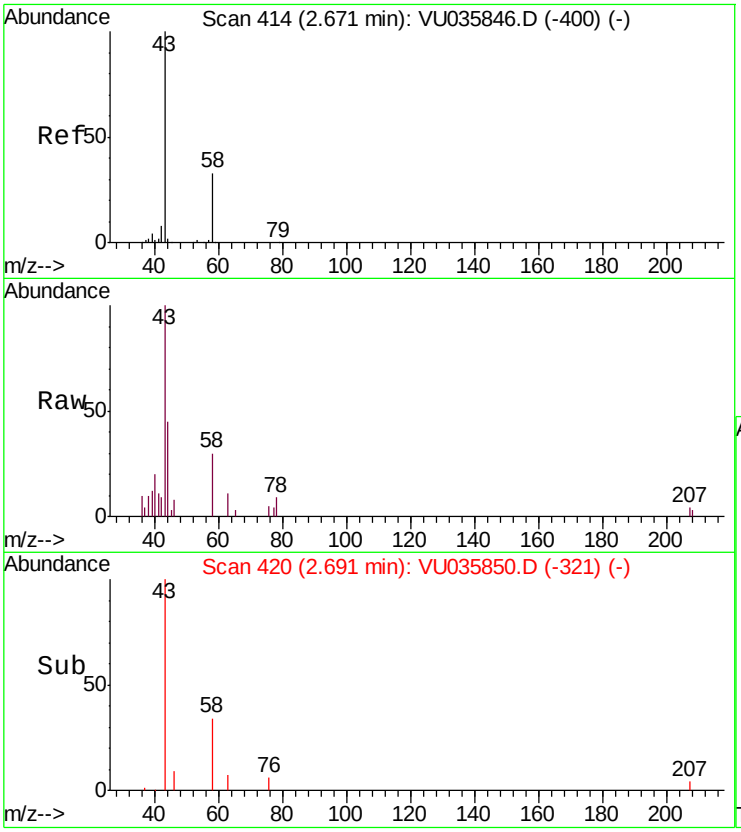


#12
1,1-Dichloroethene
Concen: 0.139 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU035850.D
Acq: 26 Nov 2019 12:01

Tgt Ion: 96 Resp: 3375

Ion	Ratio	Lower	Upper
96	100		
61	803.4	139.3	258.7#
63	5245.2	93.7	174.1#



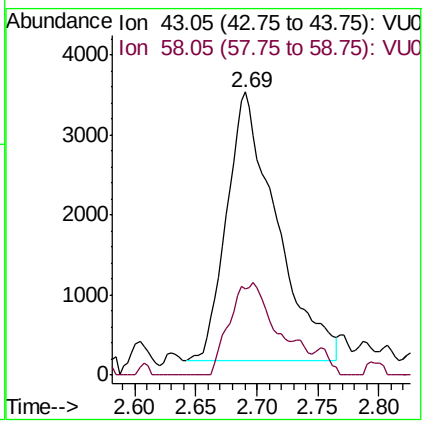


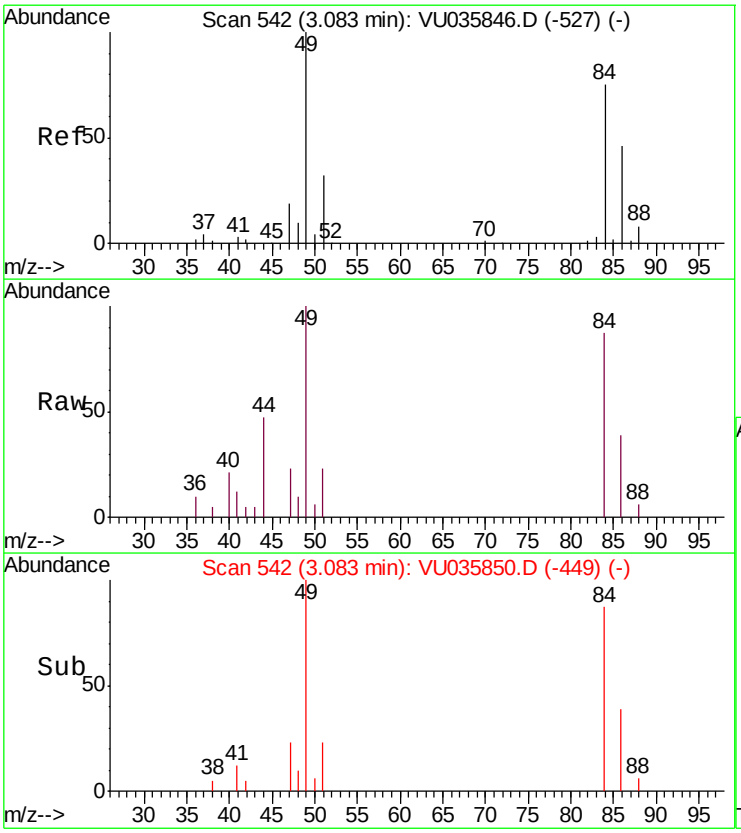
#13
Acetone
Concen: 1.553 ug/L
RT: 2.69 min Scan# 420
Delta R.T. 0.02 min
Lab File: VU035850.D
Acq: 26 Nov 2019 12:01

Instrument : MSVOA_U
ClientSampleId : GARE6DL

Tgt Ion: 43 Resp: 9586

Ion	Ratio	Lower	Upper
43	100		
58	33.5	0.0	61.2

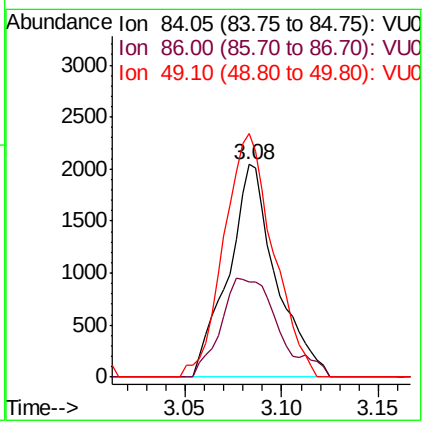


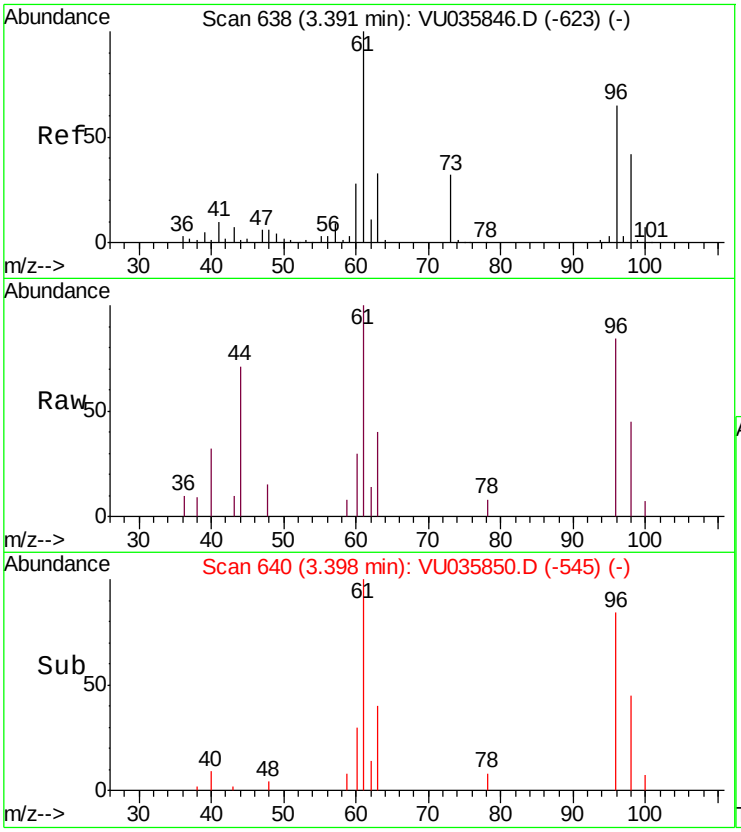


#16
Methylene chloride
Concen: 0.120 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035850.D
Acq: 26 Nov 2019 12:01

Tgt Ion: 84 Resp: 3495

Ion	Ratio	Lower	Upper
84	100		
86	44.9	44.4	82.5
49	114.6	94.0	174.6



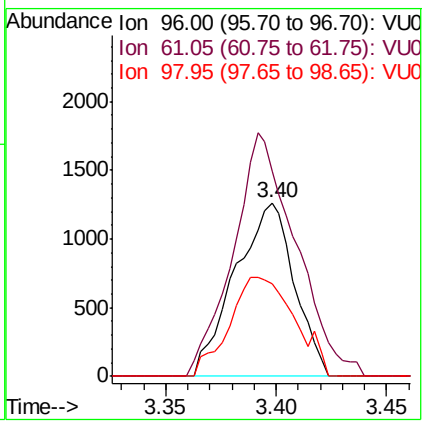


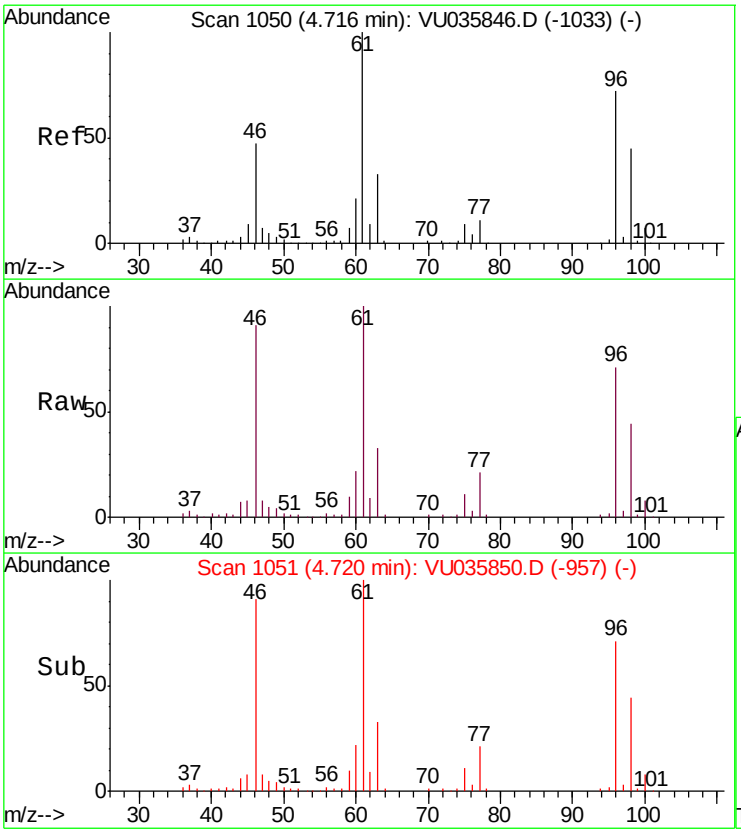
#18
trans-1,2-Dichloroethene
Concen: 0.099 ug/L
RT: 3.40 min Scan# 640
Delta R.T. 0.01 min
Lab File: VU035850.D
Acq: 26 Nov 2019 12:01

Instrument :
MSVOA_U
ClientSampleId :
GARE6DL

Tgt Ion: 96 Resp: 2355

Ion	Ratio	Lower	Upper
96	100		
61	118.4	111.1	206.3
98	53.5	43.1	80.1

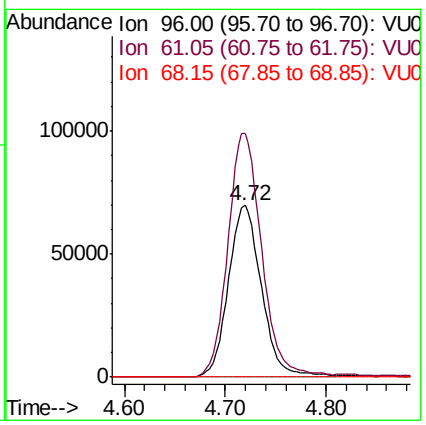


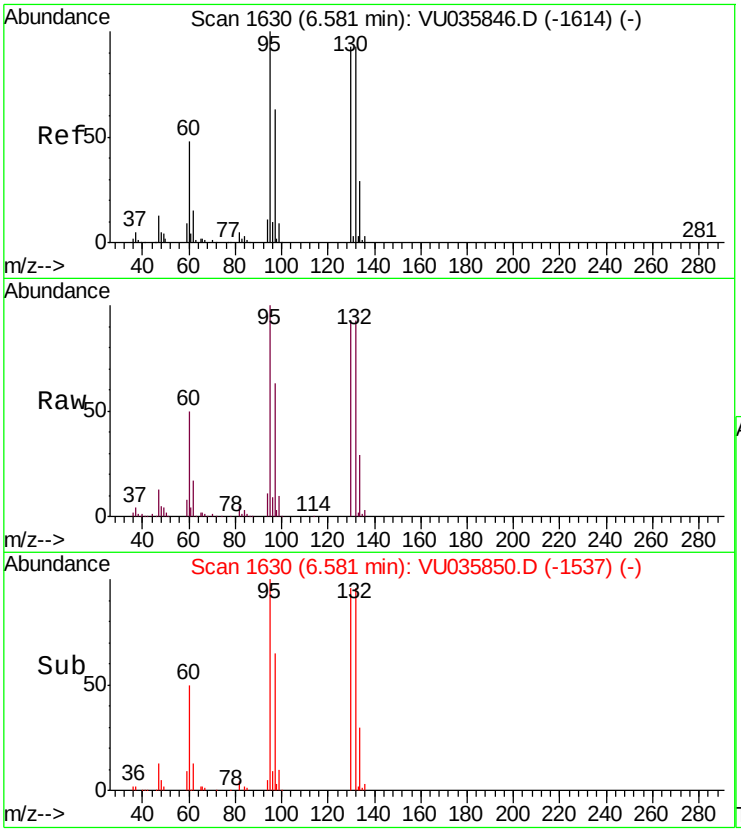


#22
cis-1,2-Dichloroethene
Concen: 6.010 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035850.D
Acq: 26 Nov 2019 12:01

Tgt Ion: 96 Resp: 159560

Ion	Ratio	Lower	Upper
96	100		
61	141.8	98.1	182.1
68	0.0	0.0	0.0



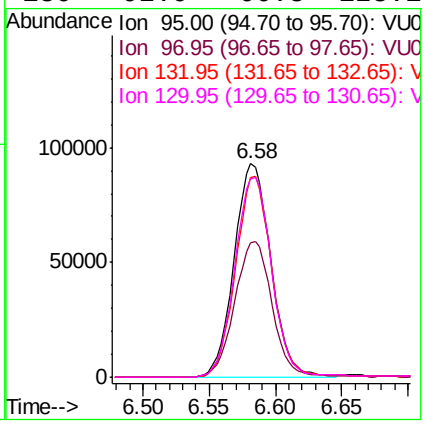


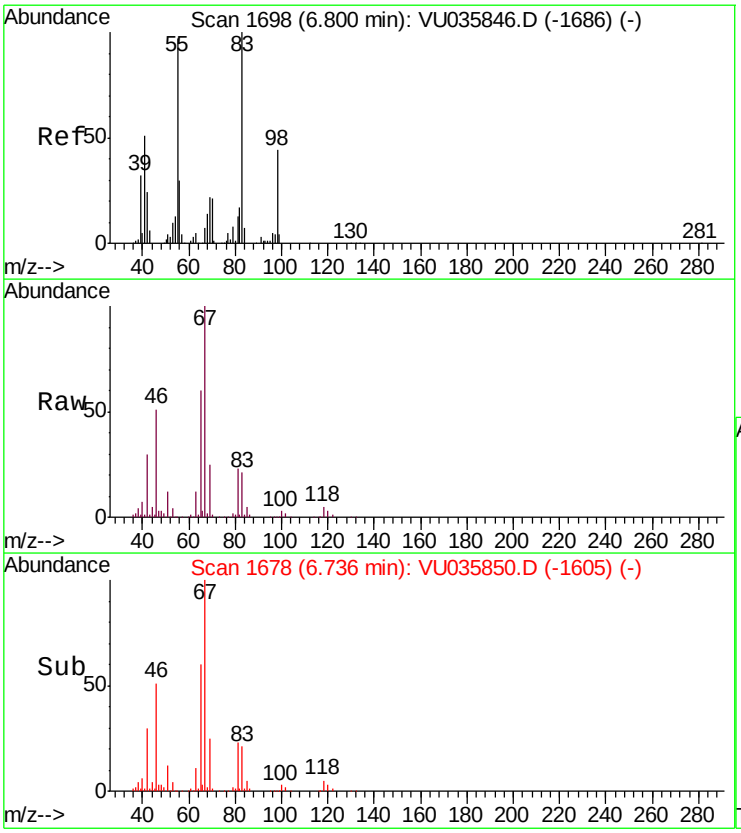
#34
Trichloroethene
Concen: 6.679 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035850.D
Acq: 26 Nov 2019 12:01

Instrument :
MSVOA_U
ClientSampleId :
GARE6DL

Tgt Ion: 95 Resp: 179568

Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.1	83.9
132	93.4	61.9	114.9
130	92.9	66.3	123.1

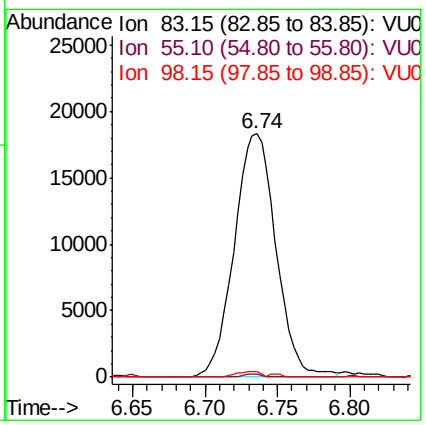


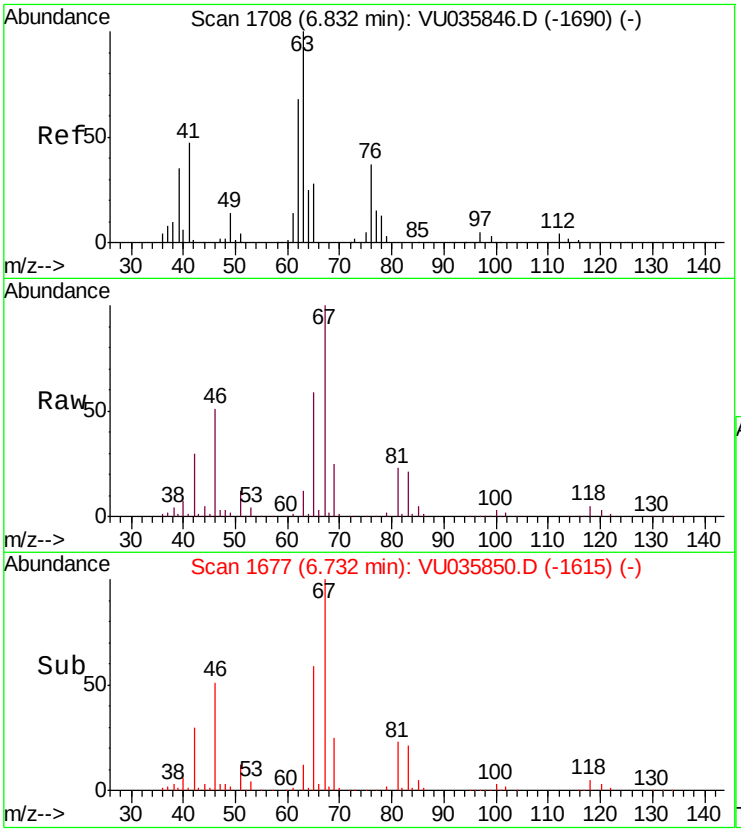


#35
Methylcyclohexane
Concen: 0.930 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035850.D
Acq: 26 Nov 2019 12:01

Tgt Ion: 83 Resp: 36687

Ion	Ratio	Lower	Upper
83	100		
55	0.5	72.7	109.1#
98	1.4	36.2	54.4#



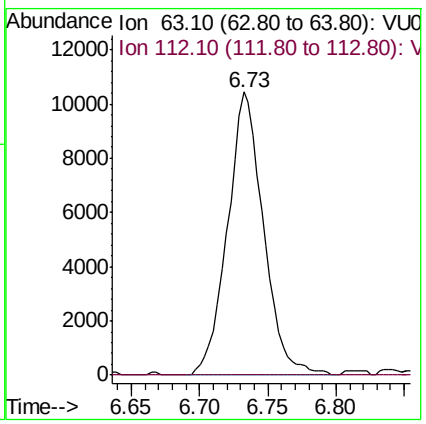


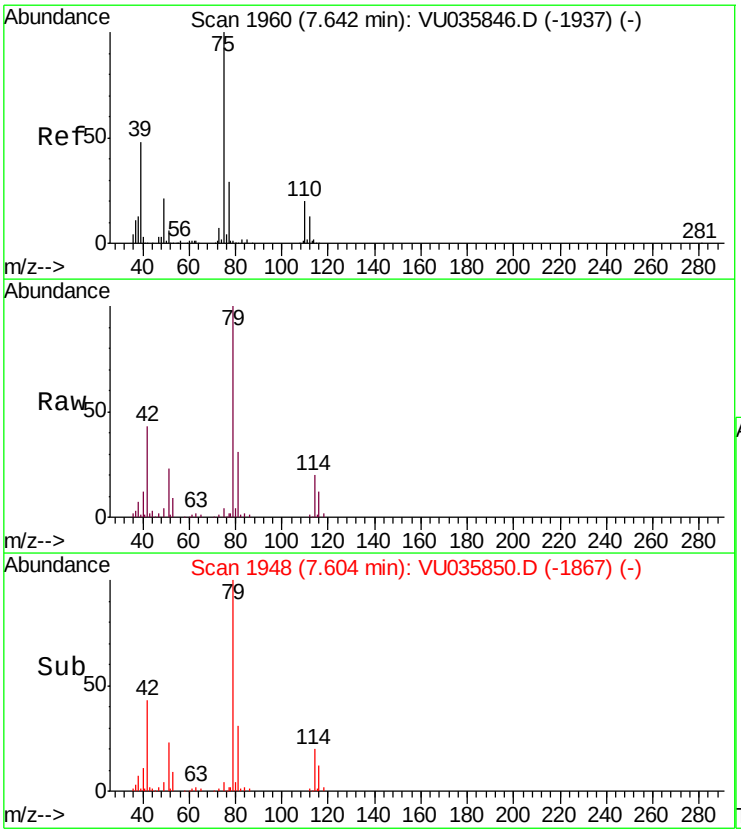
#37
1,2-Dichloropropane
Concen: 0.614 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035850.D
Acq: 26 Nov 2019 12:01

Instrument : MSVOA_U
ClientSampleId : GARE6DL

Tgt Ion: 63 Resp: 19097

Ion	Ratio	Lower	Upper
63	100		
112	0.3	2.7	4.1#

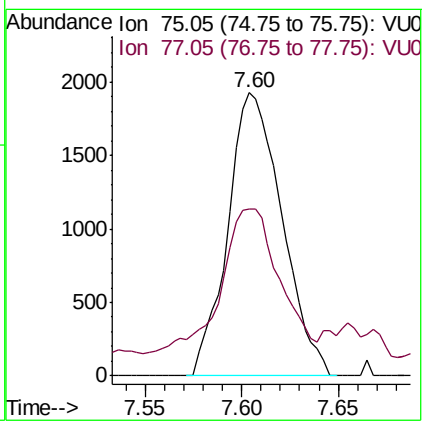


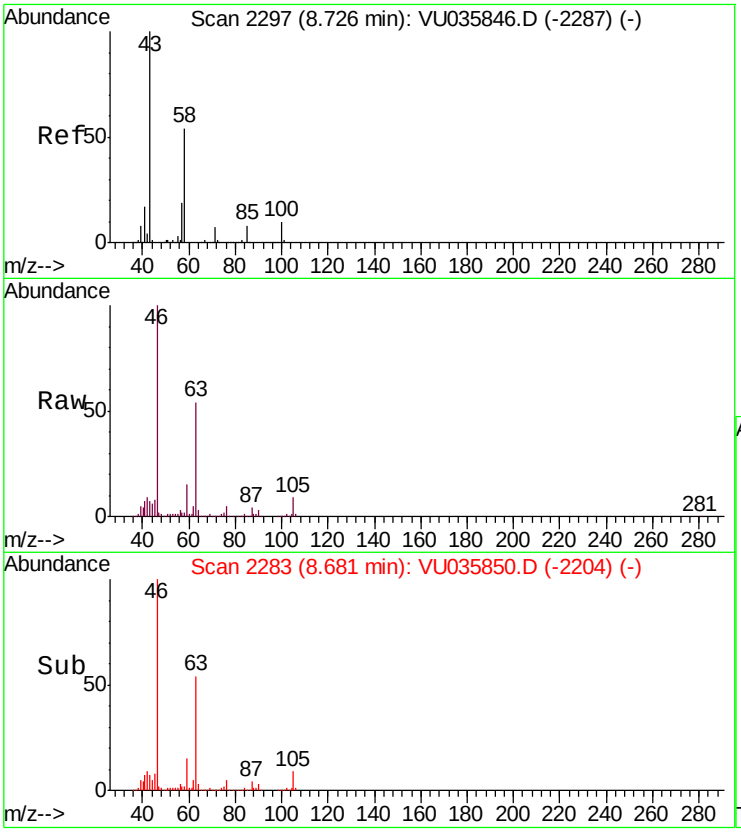


#39
cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035850.D
Acq: 26 Nov 2019 12:01

Tgt Ion: 75 Resp: 3745

Ion	Ratio	Lower	Upper
75	100		
77	59.2	22.1	41.1#



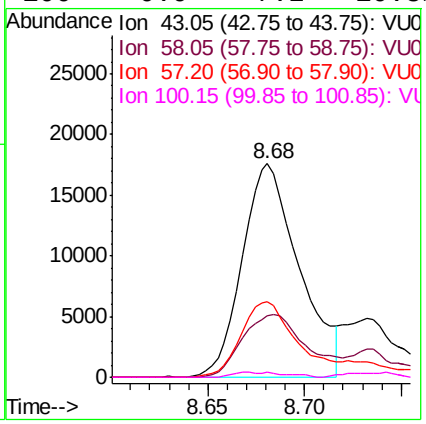


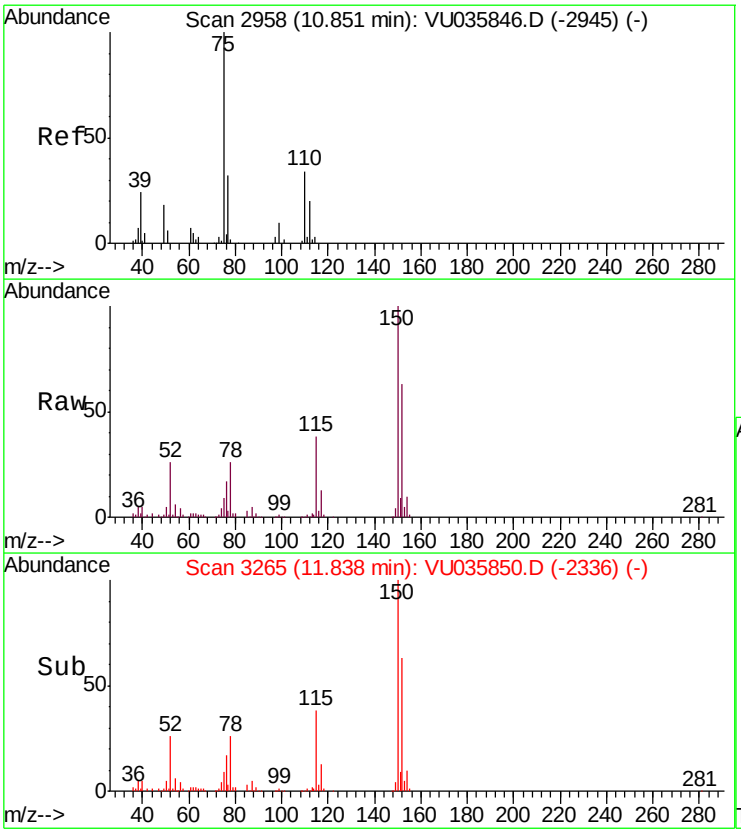
#48
2-Hexanone
Concen: 2.569 ug/L
RT: 8.68 min Scan# 2283
Delta R.T. -0.04 min
Lab File: VU035850.D
Acq: 26 Nov 2019 12:01

Instrument : MSVOA_U
ClientSampleId : GARE6DL

Tgt Ion: 43 Resp: 36113

Ion	Ratio	Lower	Upper
43	100		
58	33.4	39.8	59.8#
57	35.1	14.0	21.0#
100	0.9	7.2	10.8#





#59
1,2,3-Trichloropropane
Concen: 0.724 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU035850.D
Acq: 26 Nov 2019 12:01

Tgt Ion: 75 Resp: 14642

Ion	Ratio	Lower	Upper
75	100		
77	36.4	25.4	38.2