Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121019\
Data File : VU036110.D
Acq On : 11 Dec 2019 02:57
Operator : JC/MD
Sample : K6240-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Dec 11 07:34:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 07:30:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	253214	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	285453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	100641	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	121250	5.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.40%			
7) Chloroethane-d5	1.93	69	115050	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.59	63	129384	3.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.60%			
20) 2-Butanone-d5	4.70	46	256161	66.61	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 133.22%#			
24) Chloroform-d	5.11	84	189333	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
26) 1,2-Dichloroethane-d4	5.75	65	98190	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
32) Benzene-d6	5.77	84	349854	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.73	67	113535	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%			
41) Toluene-d8	7.93	98	285194	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.60%			
43) trans-1,3-Dichloropropene-	8.21	79	39034	4.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.00%			
46) 2-Hexanone-d5	8.68	63	199562	60.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 121.46%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	106148	5.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	104915	5.42	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	2699	0.106	ug/L #	1
13) Acetone	2.68	43	15845	3.246	ug/L	79
19) 1,1-Dichloroethane	3.92	63	27327	0.810	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	7663	0.388	ug/L	89
25) Chloroform	5.13	83	8967	0.238	ug/L	97
35) Methylcyclohexane	6.73	83	26760	0.963	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12056	0.616	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2587	0.097	ug/L #	28
51) Chlorobenzene	9.48	112	4145	0.071	ug/L	85
59) 1,2,3-Trichloropropane	11.84	75	10833	0.774	ug/L	95
65) 1,2-Dichlorobenzene	12.24	146	6521	0.200	ug/L	91

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

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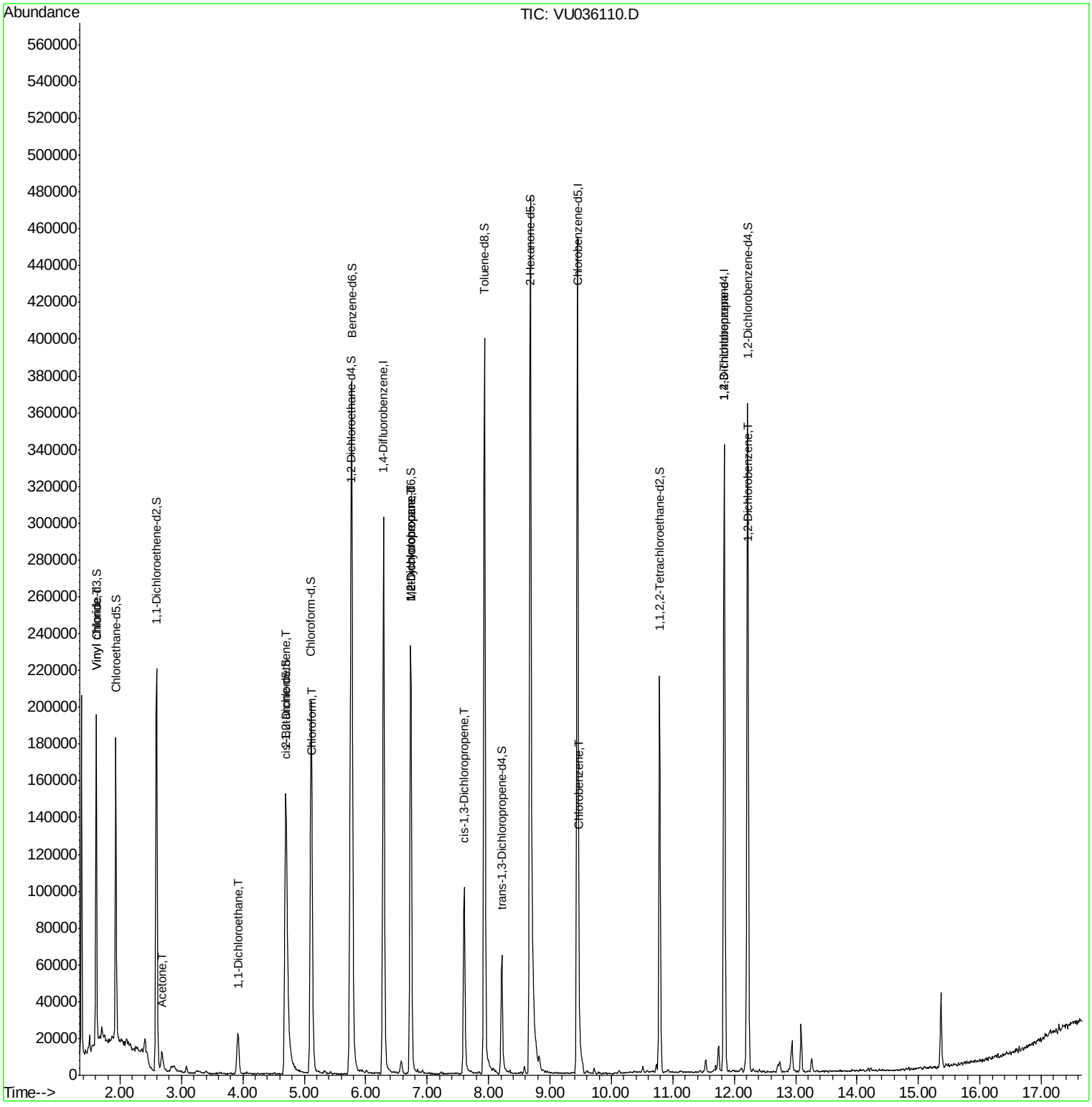
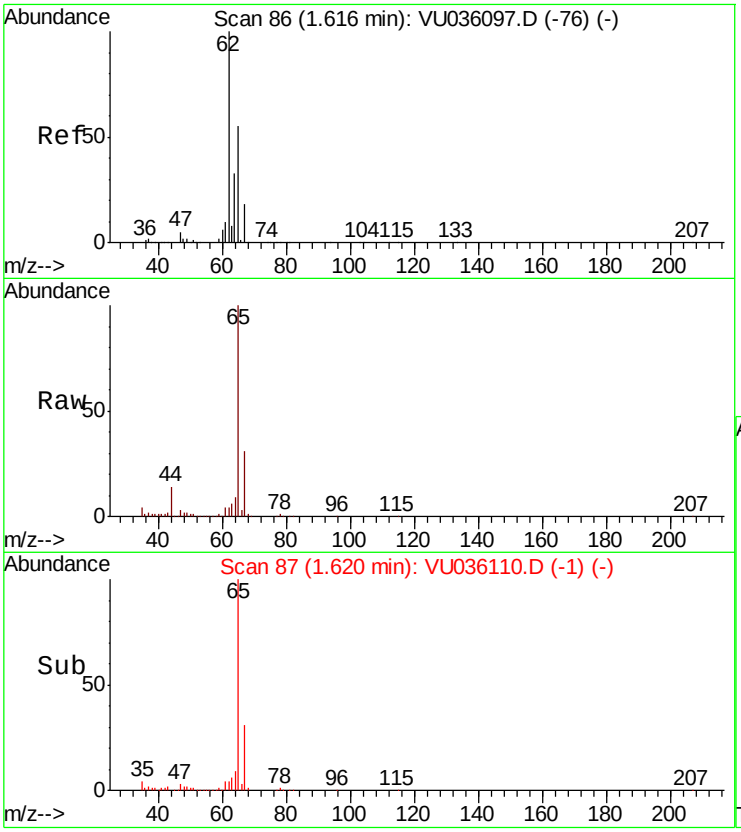
Operator : JC/MD
Sample : K6240-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 11 07:34:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 07:30:58 2019
Response via : Initial Calibration



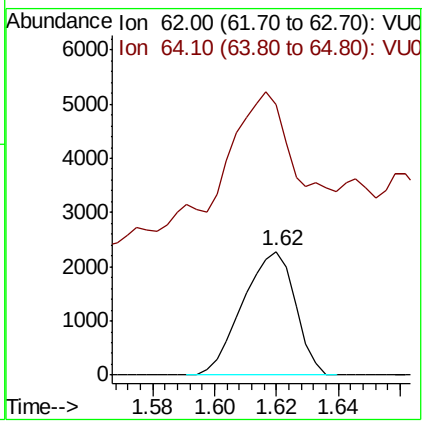


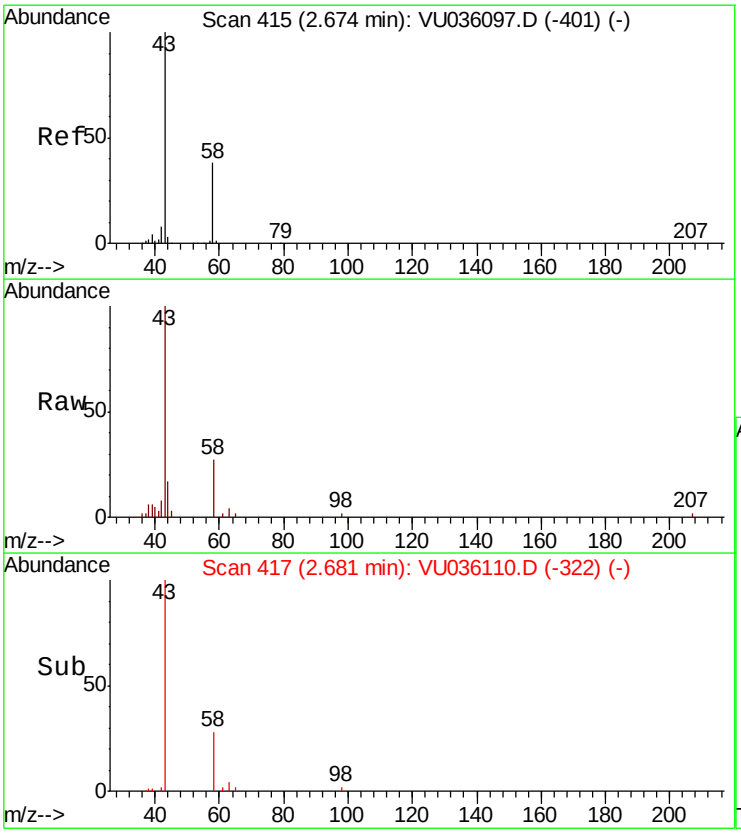
#5
Vinyl chloride
Concen: 0.106 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU036110.D
Acq: 11 Dec 2019 02:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 2699

Ion	Ratio	Lower	Upper
62	100		
64	218.6	24.3	45.1#

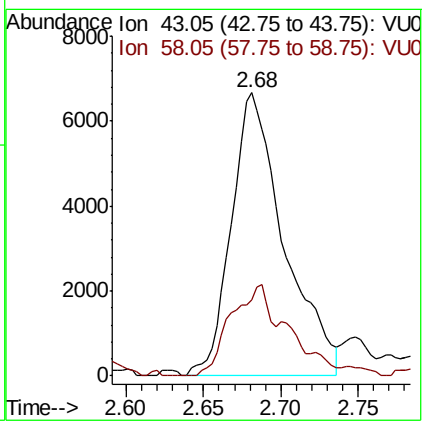


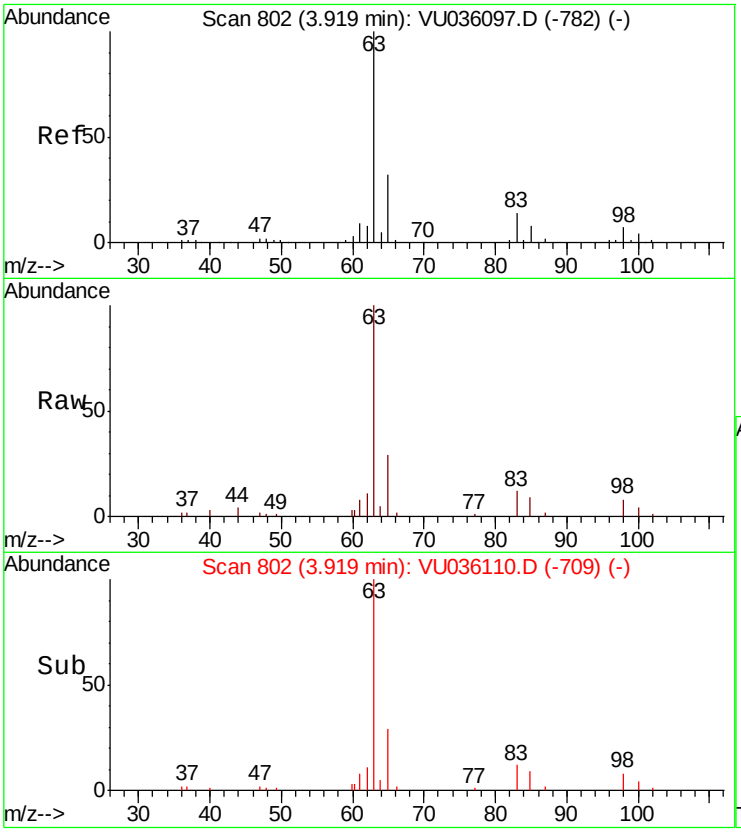


#13
Acetone
Concen: 3.246 ug/L
RT: 2.68 min Scan# 417
Delta R.T. 0.01 min
Lab File: VU036110.D
Acq: 11 Dec 2019 02:57

Tgt Ion: 43 Resp: 15845

Ion	Ratio	Lower	Upper
43	100		
58	24.4	0.0	74.2



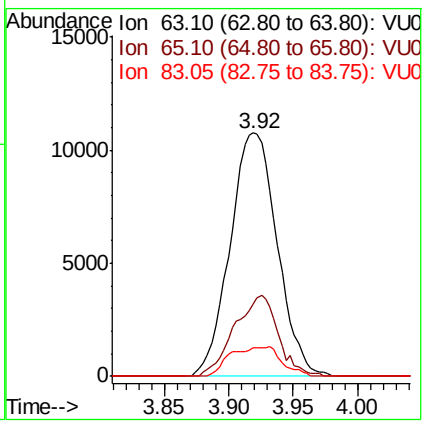


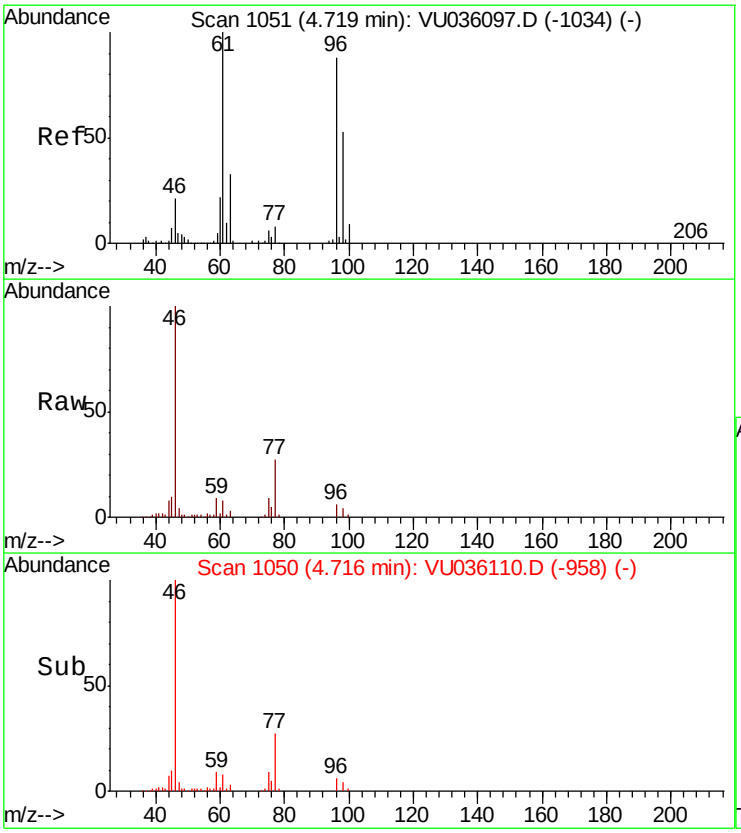
#19
1,1-Dichloroethane
Concen: 0.810 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU036110.D
Acq: 11 Dec 2019 02:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 27327

Ion	Ratio	Lower	Upper
63	100		
65	29.5	21.8	40.4
83	11.6	10.1	18.9

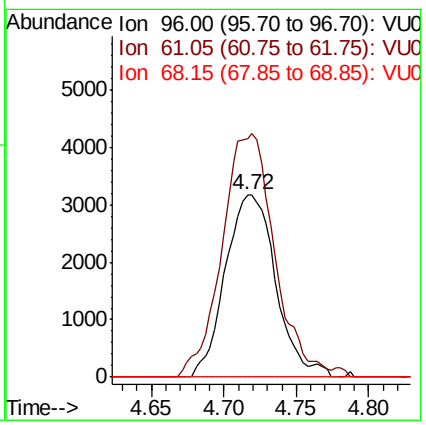


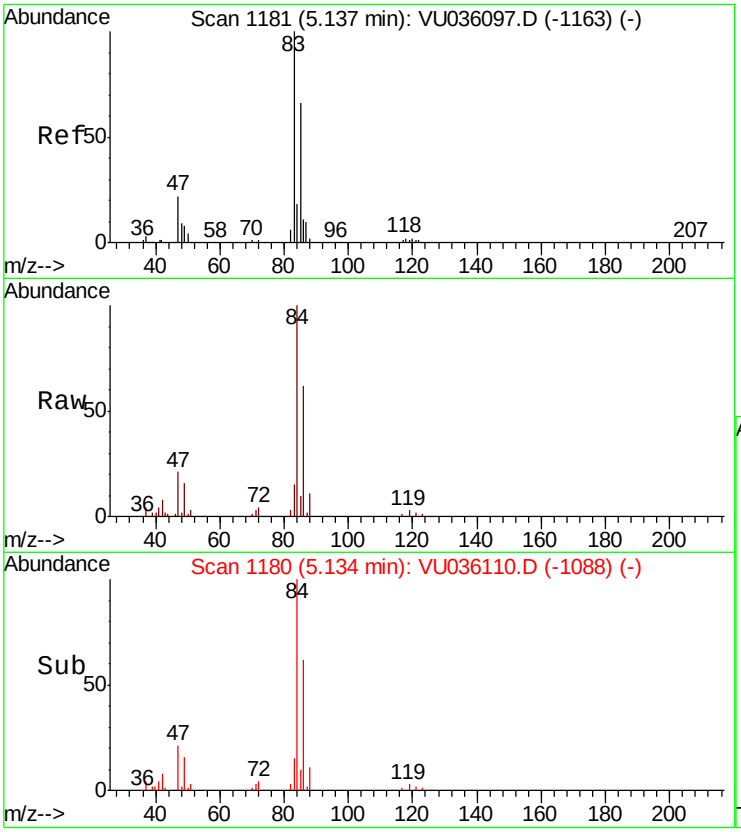


#22
cis-1,2-Dichloroethene
Concen: 0.388 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU036110.D
Acq: 11 Dec 2019 02:57

Tgt Ion: 96 Resp: 7663

Ion	Ratio	Lower	Upper
96	100		
61	130.5	83.0	154.2
68	0.0	0.0	0.0



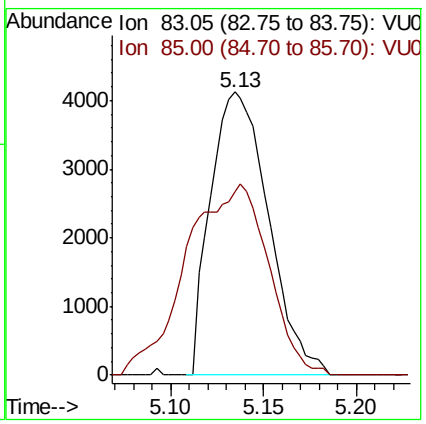


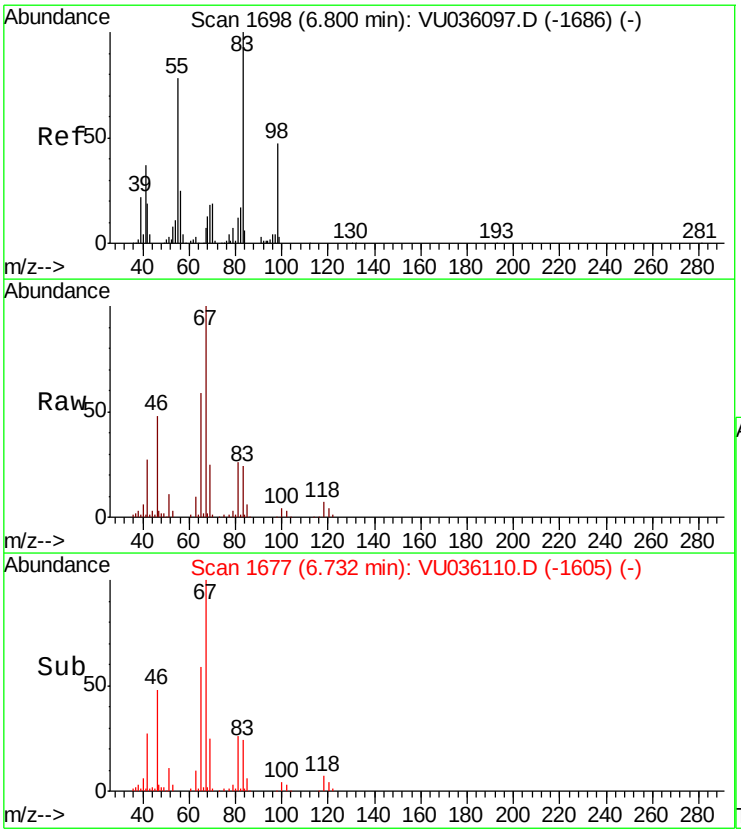
#25
Chloroform
Concen: 0.238 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036110.D
Acq: 11 Dec 2019 02:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 8967

Ion	Ratio	Lower	Upper
83	100		
85	65.0	43.9	81.5

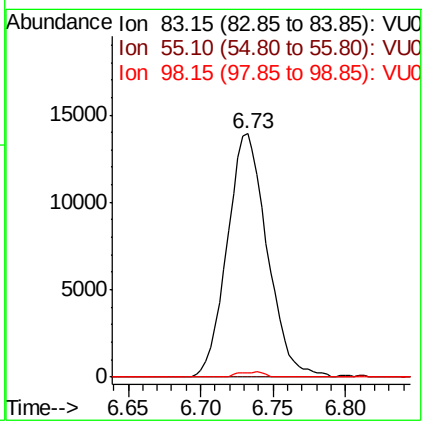


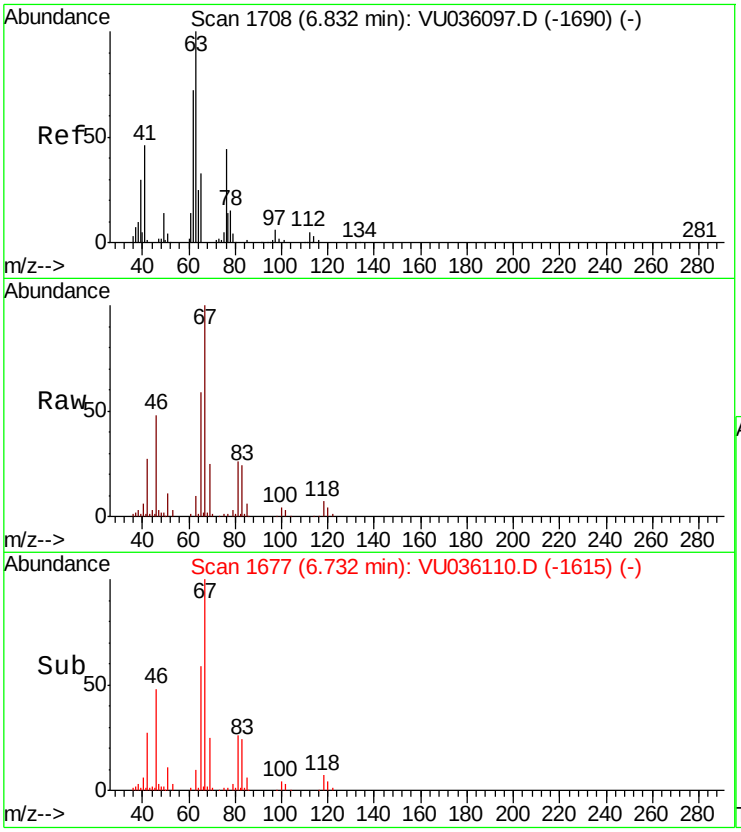


#35
Methylcyclohexane
Concen: 0.963 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036110.D
Acq: 11 Dec 2019 02:57

Tgt Ion: 83 Resp: 26760

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.1	93.1#
98	1.3	37.0	55.4#



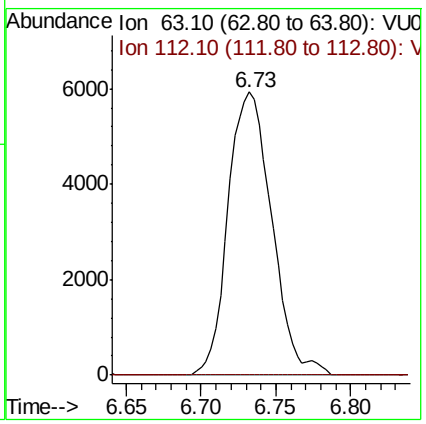


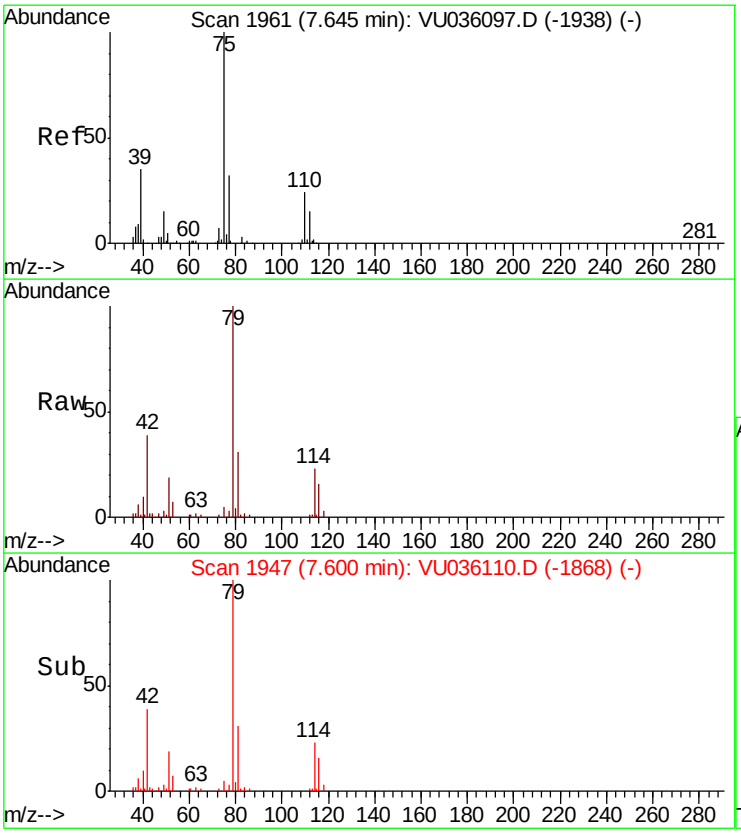
#37
1,2-Dichloropropane
Concen: 0.616 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036110.D
Acq: 11 Dec 2019 02:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 12056

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.8	5.8#

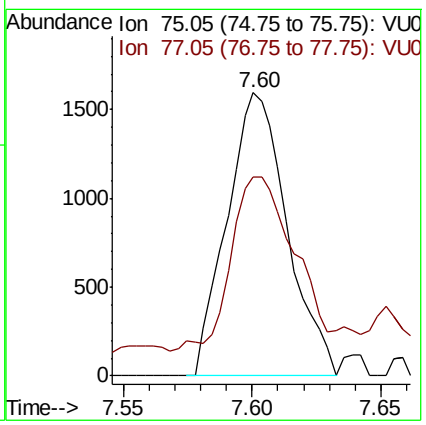


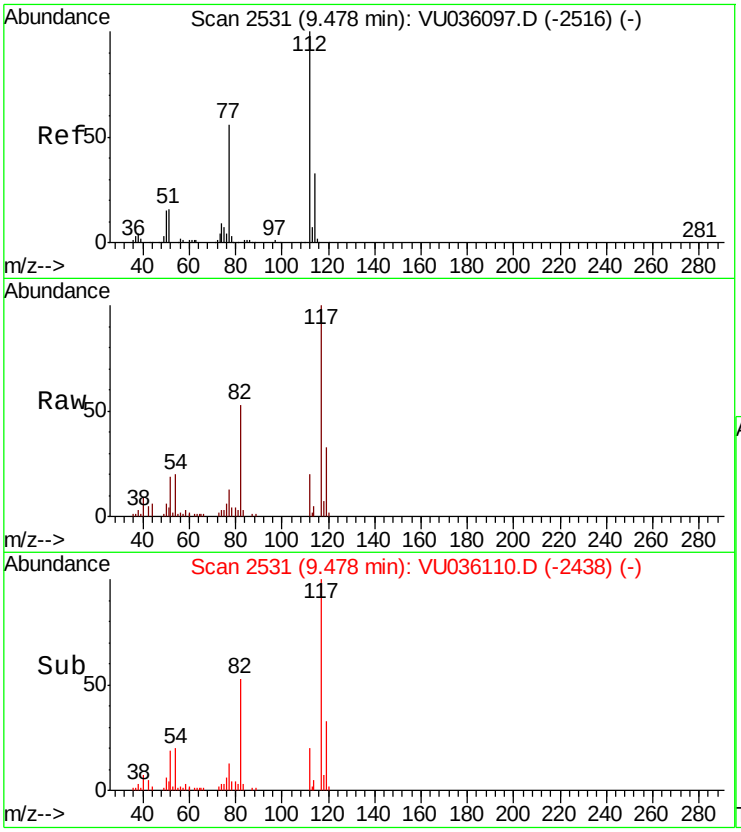


#39
cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036110.D
Acq: 11 Dec 2019 02:57

Tgt Ion: 75 Resp: 2587

Ion	Ratio	Lower	Upper
75	100		
77	70.5	21.7	40.3#



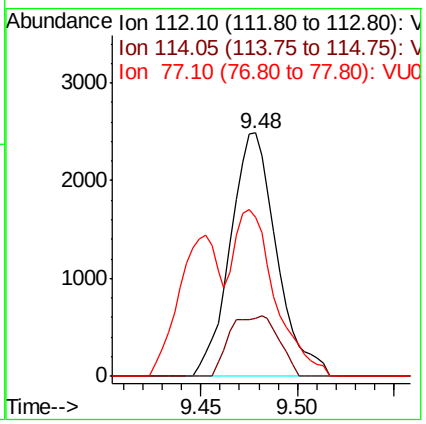


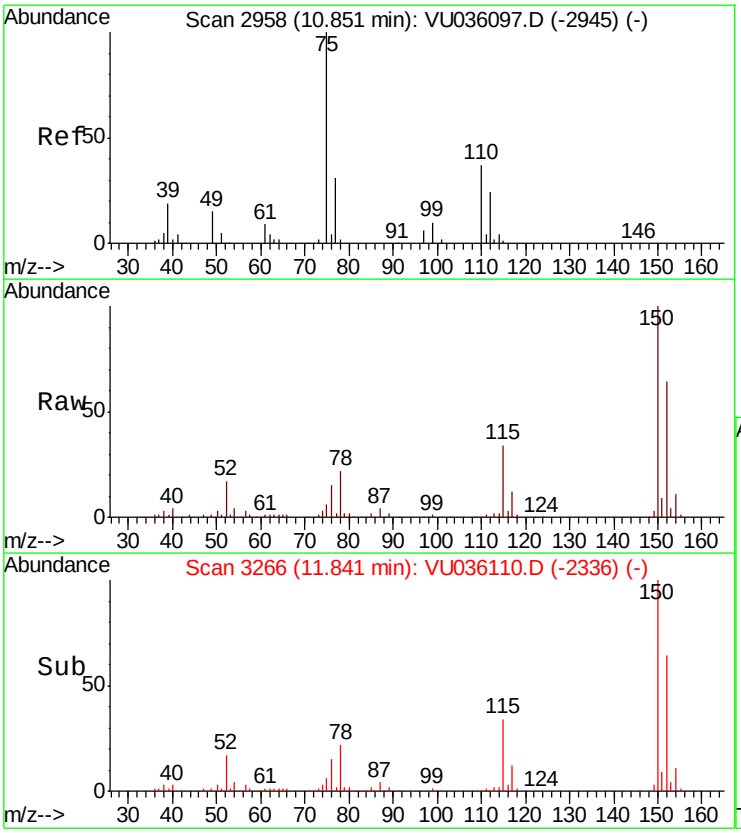
#51
Chlorobenzene
Concen: 0.071 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU036110.D
Acq: 11 Dec 2019 02:57

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 4145

Ion	Ratio	Lower	Upper
112	100		
114	23.7	22.3	41.5
77	65.5	43.8	65.8

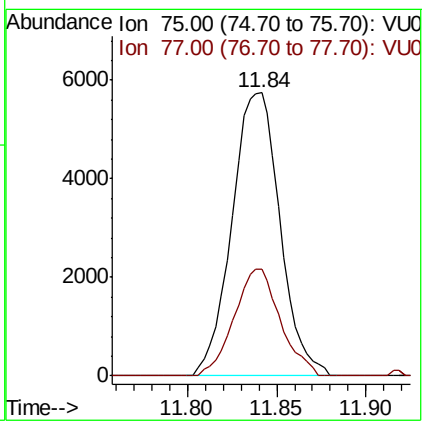


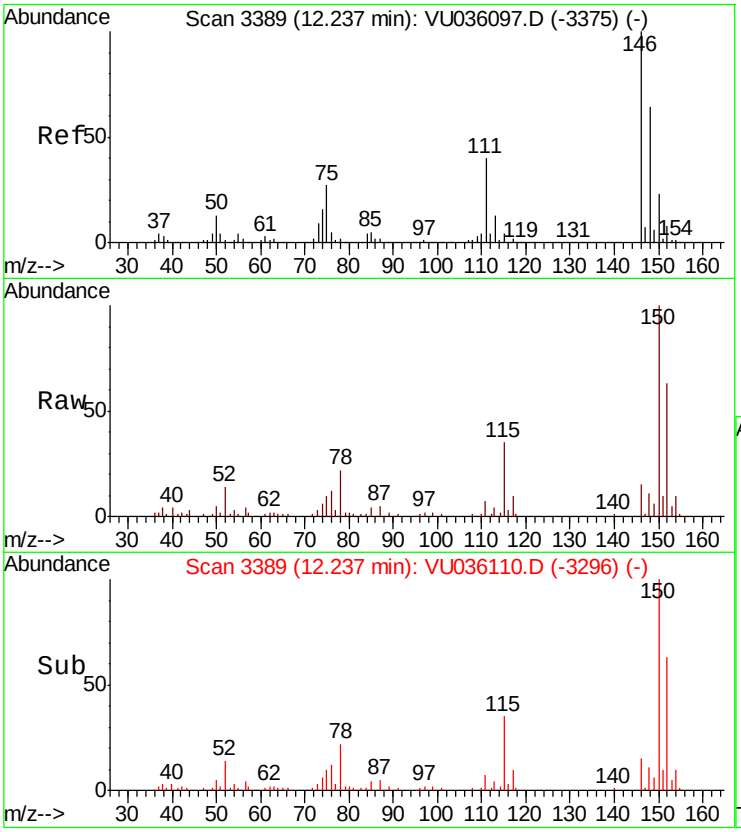


#59
1,2,3-Trichloropropane
Concen: 0.774 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU036110.D
Acq: 11 Dec 2019 02:57

Tgt Ion: 75 Resp: 10833

Ion	Ratio	Lower	Upper
75	100		
77	36.3	26.7	40.1





#65
1,2-Dichlorobenzene
Concen: 0.200 ug/L
RT: 12.24 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU036110.D
Acq: 11 Dec 2019 02:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 6521

Ion	Ratio	Lower	Upper
146	100		
111	44.4	31.3	46.9
148	70.5	50.5	75.7