Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092719\

Quantitation Report (Not Reviewed)

Data File : VU034856.D
Acq On : 26 Sep 2019 20:51
Operator : JC/SP
Sample : K5044-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWK36

Quant Time: Sep 27 05:15:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 27 05:10:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	91788	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	84966	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	40291	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	33257	4.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.20%			
7) Chloroethane-d5	1.67	69	27386	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.40%			
11) 1,1-Dichloroethene-d2	2.26	63	49855	3.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.40%			
20) 2-Butanone-d5	4.17	46	86294	48.07	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.14%			
24) Chloroform-d	4.62	84	48499	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
26) 1,2-Dichloroethane-d4	5.29	65	27199	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
32) Benzene-d6	5.32	84	103596	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
36) 1,2-Dichloropropane-d6	6.31	67	34075	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.40%			
41) Toluene-d8	7.54	98	93997	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
43) trans-1,3-Dichloropropene-	7.83	79	12583	4.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.60%			
46) 2-Hexanone-d5	8.30	63	62448	45.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.92%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	25599	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.40%			
64) 1,2-Dichlorobenzene-d4	11.84	152	32194	4.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.80%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	6390	0.975	ug/L	89
5) Vinyl chloride	1.40	62	7859	1.145	ug/L	96
8) Chloroethane	1.69	64	981	0.245	ug/L #	73
12) 1,1-Dichloroethene	2.27	96	2734	0.604	ug/L #	1
13) Acetone	2.31	43	1443	1.040	ug/L	81
18) trans-1,2-Dichloroethene	2.96	96	2911	0.619	ug/L	87
22) cis-1,2-Dichloroethene	4.20	96	281717	44.769	ug/L	99
33) Benzene	5.36	78	5737	0.250	ug/L	100
34) Trichloroethene	6.17	95	3940602	688.115	ug/L	98
35) Methylcyclohexane	6.31	83	7631	0.825	ug/L #	17
37) 1,2-Dichloropropane	6.31	63	3682	0.519	ug/L #	86
42) Toluene	7.61	91	83396	3.359	ug/L	99
47) Tetrachloroethene	8.21	164	9872	2.844	ug/L	86
49) Dibromochloromethane	8.21	129	10040	1.897	ug/L #	12
51) Chlorobenzene	9.10	112	17231	1.107	ug/L	92
59) 1,2,3-Trichloropropane	11.46	75	6971	1.504	ug/L	93
63) 1,4-Dichlorobenzene	11.48	146	2939	0.249	ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092719\

Quantitation Report (Not Reviewed)

Data File : VU034856.D
Acq On : 26 Sep 2019 20:51
Operator : JC/SP
Sample : K5044-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWK36

Quant Time: Sep 27 05:15:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 27 05:10:18 2019
Response via : Initial Calibration

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

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

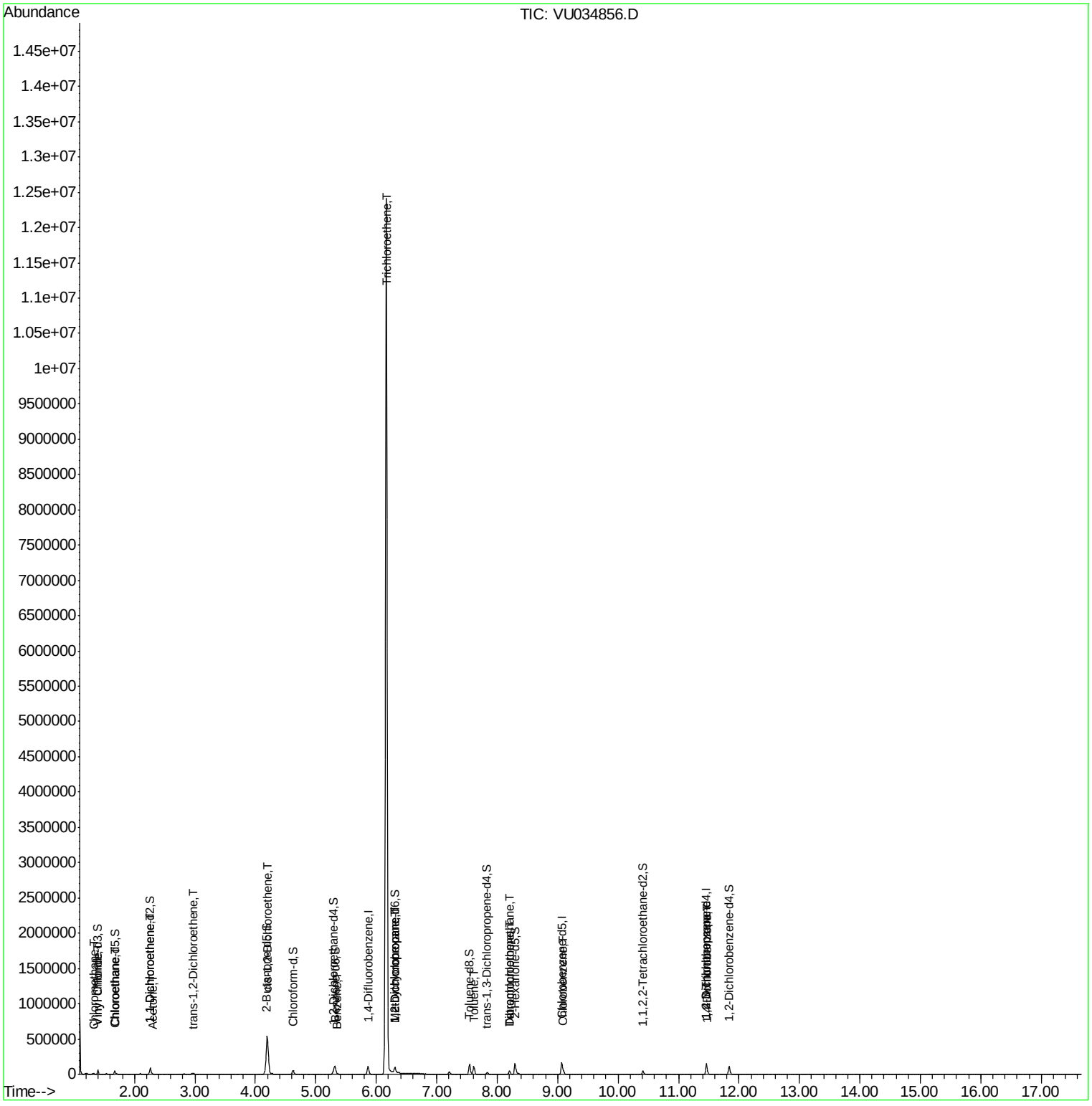
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092719\

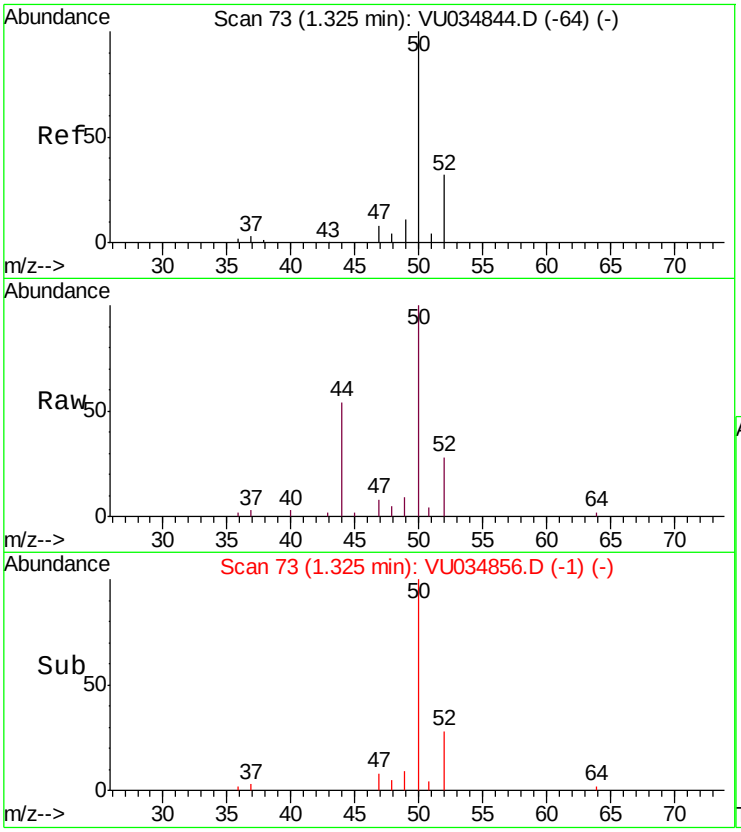
Quantitation Report (Not Reviewed)

Data File : VU034856.D
Acq On : 26 Sep 2019 20:51
Operator : JC/SP
Sample : K5044-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWK36

Quant Time: Sep 27 05:15:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 27 05:10:18 2019
Response via : Initial Calibration



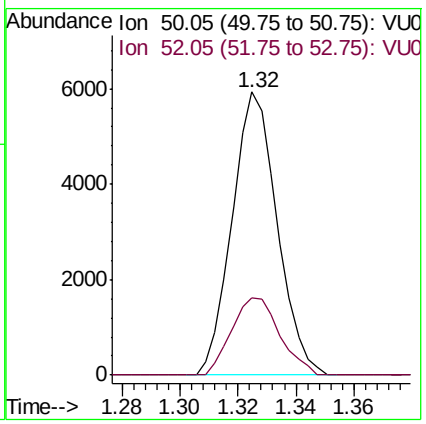


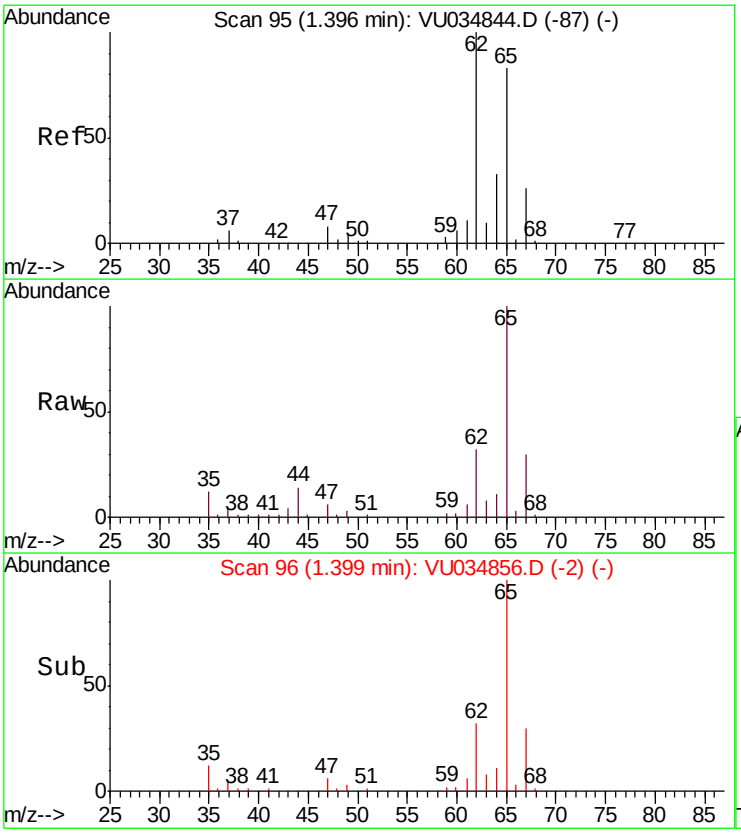
#3
Chloromethane
Concen: 0.975 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU034856.D
Acq: 26 Sep 2019 20:51

Instrument :
MSVOA_U
ClientSampleId :
CWK36

Tgt Ion: 50 Resp: 6390

Ion	Ratio	Lower	Upper
50	100		
52	27.5	23.9	44.3

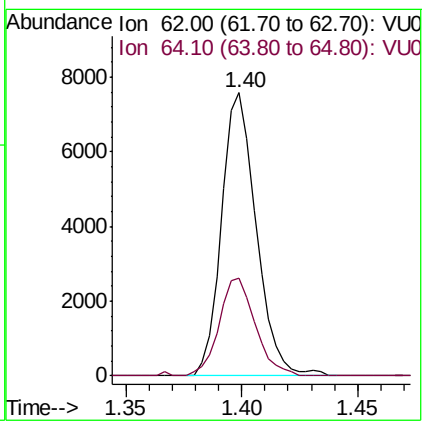


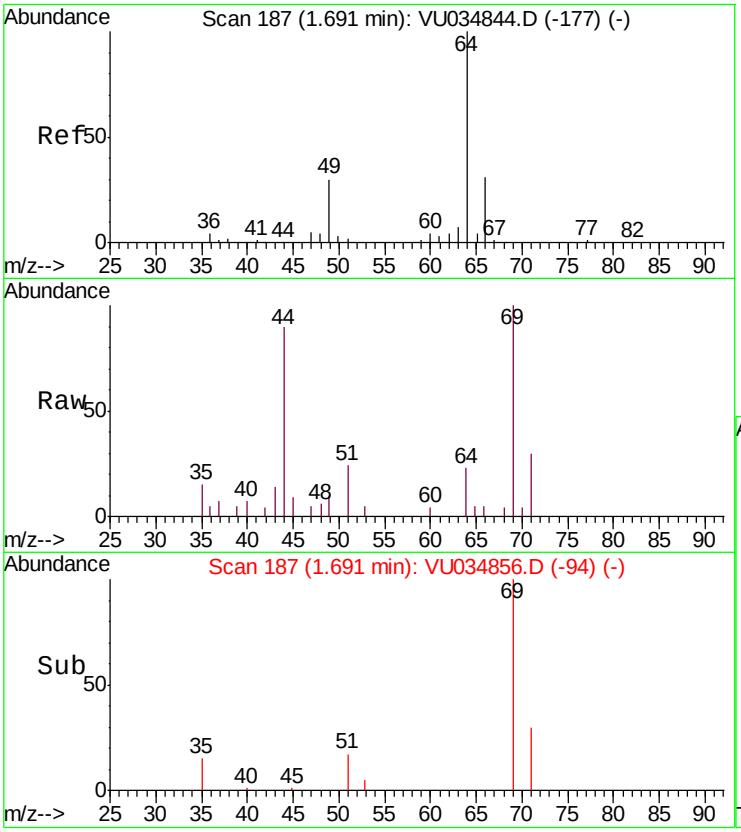


#5
Vinyl chloride
Concen: 1.145 ug/L
RT: 1.40 min Scan# 96
Delta R.T. 0.00 min
Lab File: VU034856.D
Acq: 26 Sep 2019 20:51

Tgt Ion: 62 Resp: 7859

Ion	Ratio	Lower	Upper
62	100		
64	34.5	22.7	42.1



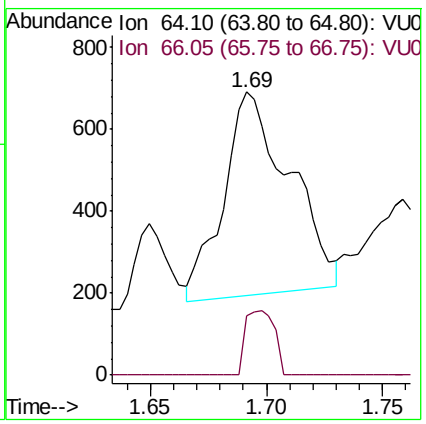


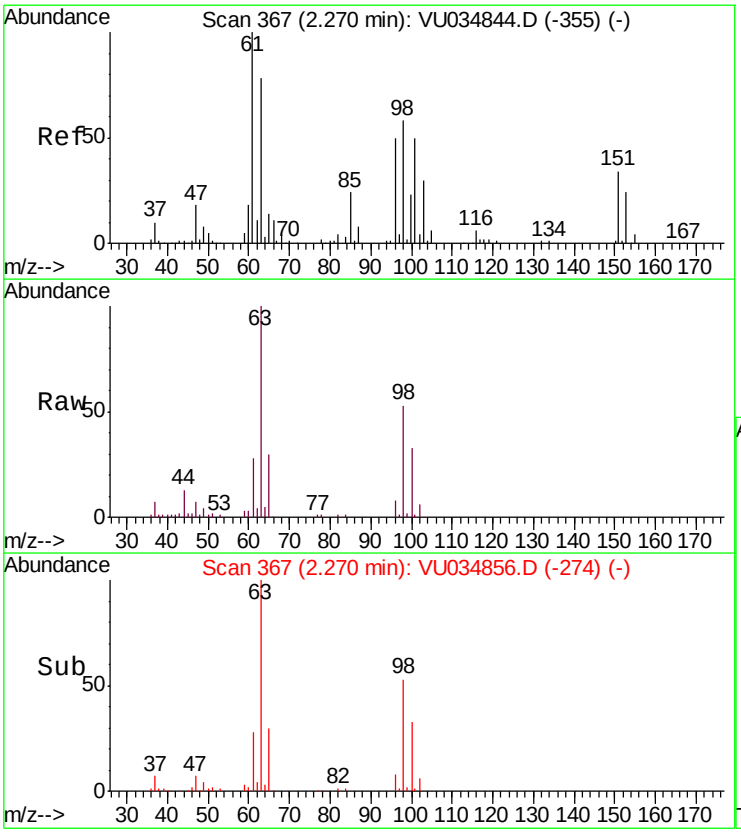
#8
Chloroethane
Concen: 0.245 ug/L
RT: 1.69 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU034856.D
Acq: 26 Sep 2019 20:51

Instrument :
MSVOA_U
ClientSampleId :
CWK36

Tgt Ion: 64 Resp: 981

Ion	Ratio	Lower	Upper
64	100		
66	17.2	22.6	42.0#

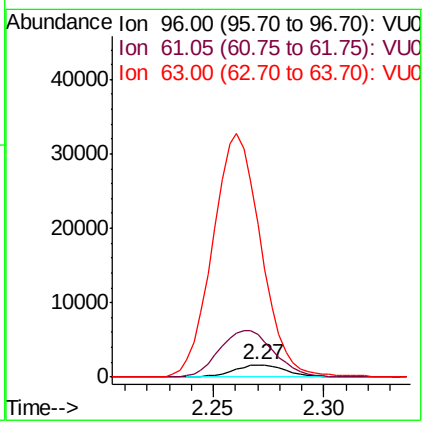


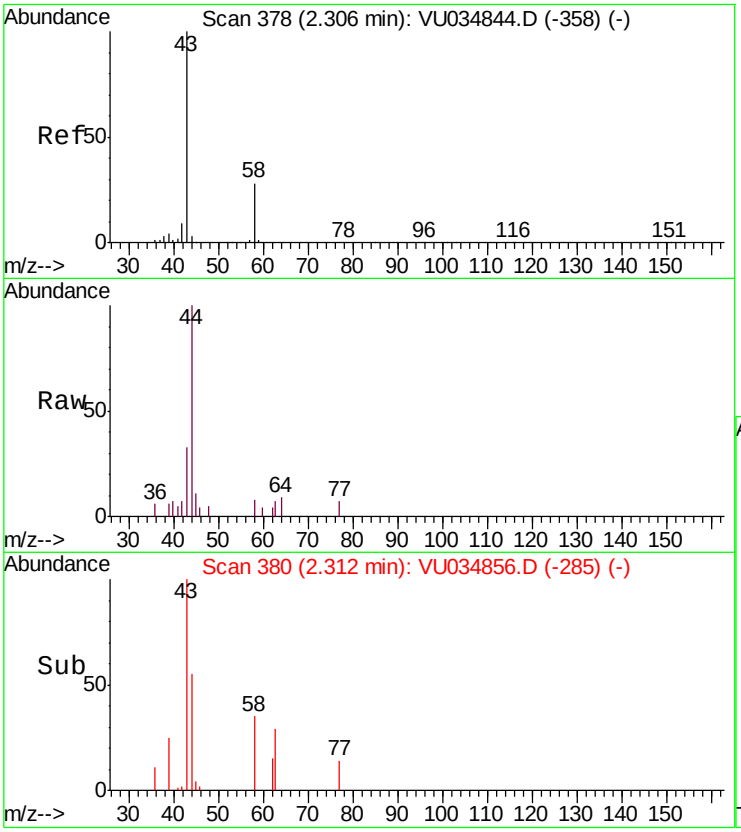


#12
1,1-Dichloroethene
Concen: 0.604 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.00 min
Lab File: VU034856.D
Acq: 26 Sep 2019 20:51

Tgt Ion: 96 Resp: 2734

Ion	Ratio	Lower	Upper
96	100		
61	342.3	144.4	268.2#
63	1232.4	111.5	207.1#



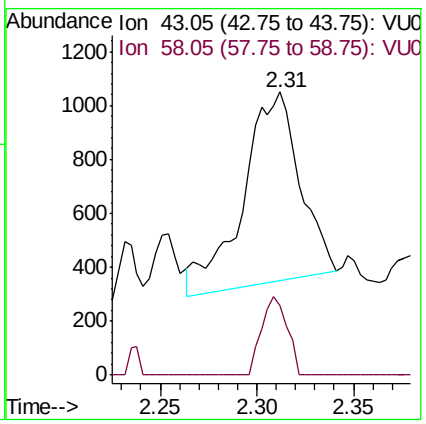


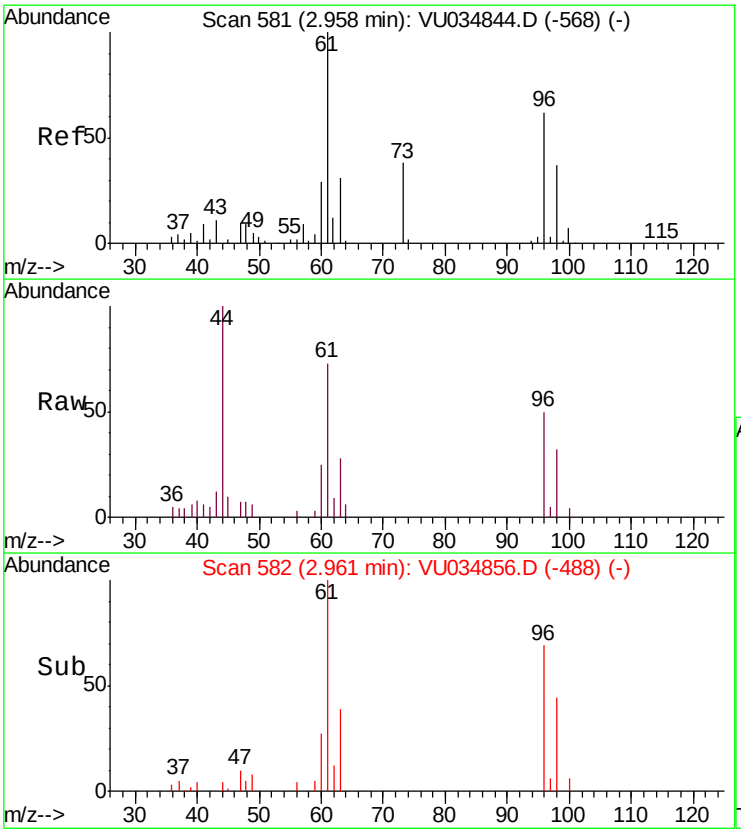
#13
Acetone
Concen: 1.040 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.01 min
Lab File: VU034856.D
Acq: 26 Sep 2019 20:51

Instrument :
MSVOA_U
ClientSampleId :
CWK36

Tgt Ion: 43 Resp: 1443

Ion	Ratio	Lower	Upper
43	100		
58	18.6	0.0	57.8

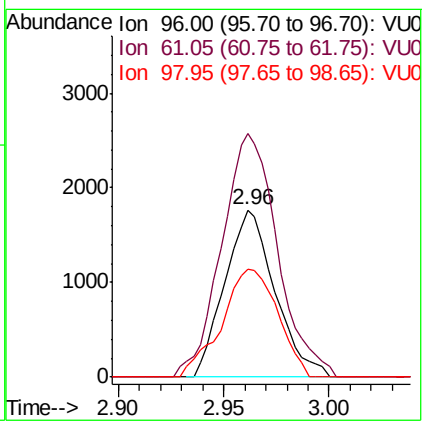


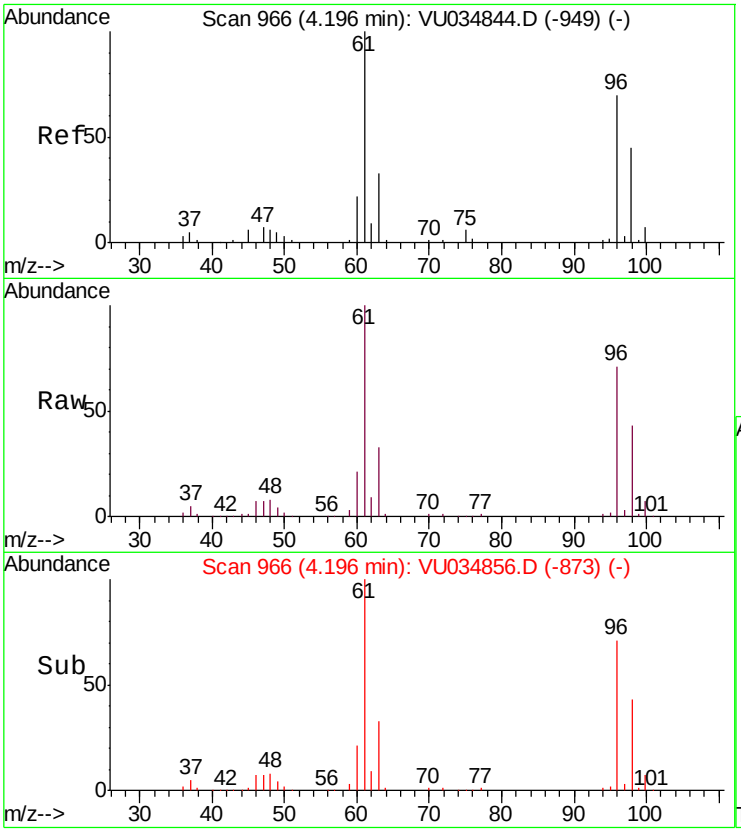


#18
trans-1,2-Dichloroethene
Concen: 0.619 ug/L
RT: 2.96 min Scan# 582
Delta R.T. 0.00 min
Lab File: VU034856.D
Acq: 26 Sep 2019 20:51

Tgt Ion: 96 Resp: 2911

Ion	Ratio	Lower	Upper
96	100		
61	145.6	118.2	219.6
98	64.7	44.8	83.2



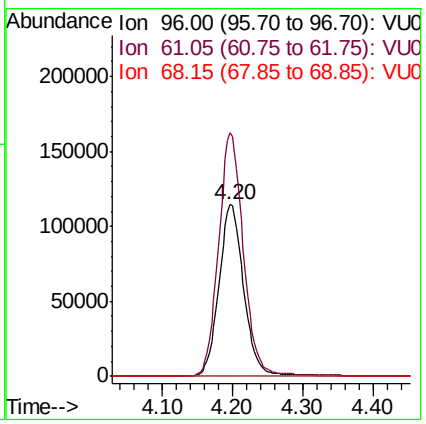


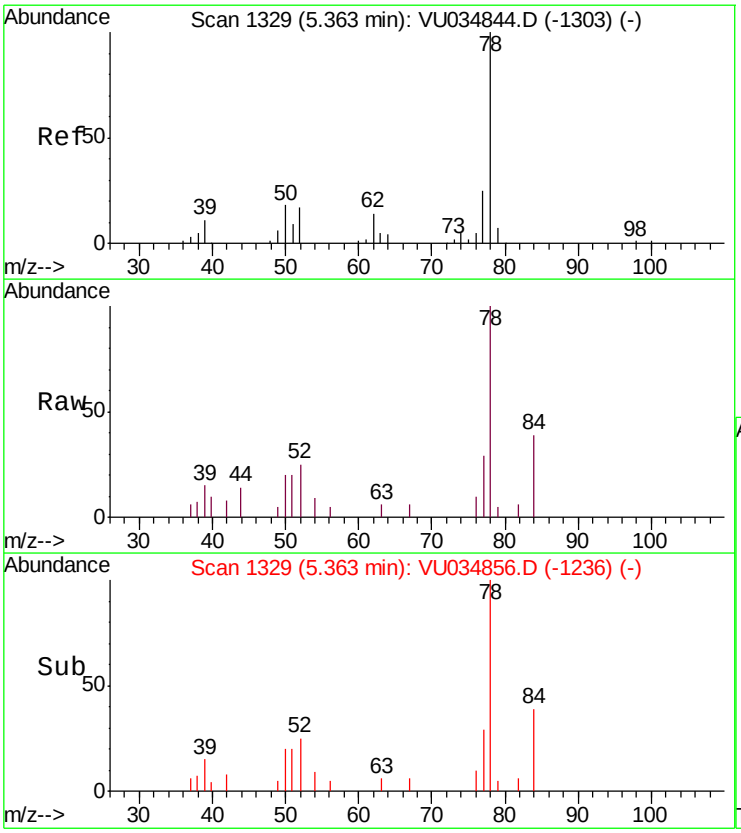
#22
cis-1,2-Dichloroethene
Concen: 44.769 ug/L
RT: 4.20 min Scan# 966
Delta R.T. 0.00 min
Lab File: VU034856.D
Acq: 26 Sep 2019 20:51

Instrument :
MSVOA_U
ClientSampleId :
CWK36

Tgt Ion: 96 Resp: 281717

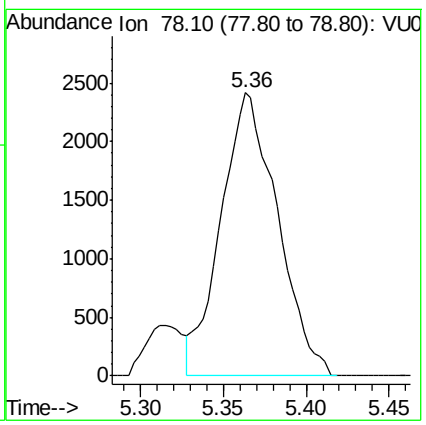
Ion	Ratio	Lower	Upper
96	100		
61	141.8	100.0	185.8
68	0.0	0.0	0.0

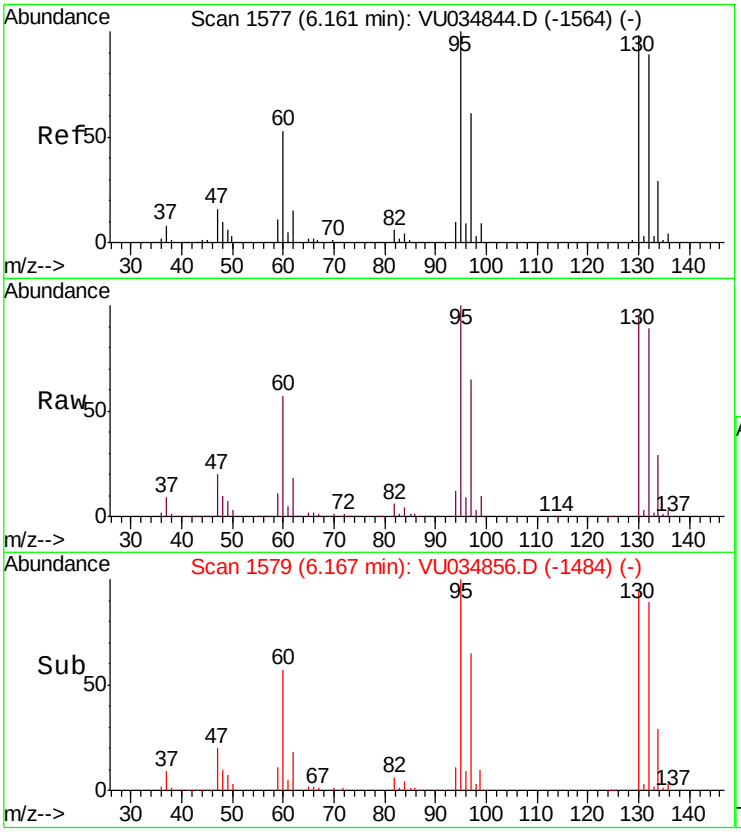




#33
Benzene
Concen: 0.250 ug/L
RT: 5.36 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VU034856.D
Acq: 26 Sep 2019 20:51

Tgt Ion: 78 Resp: 5737



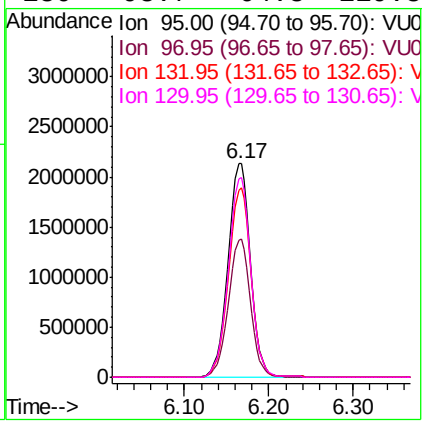


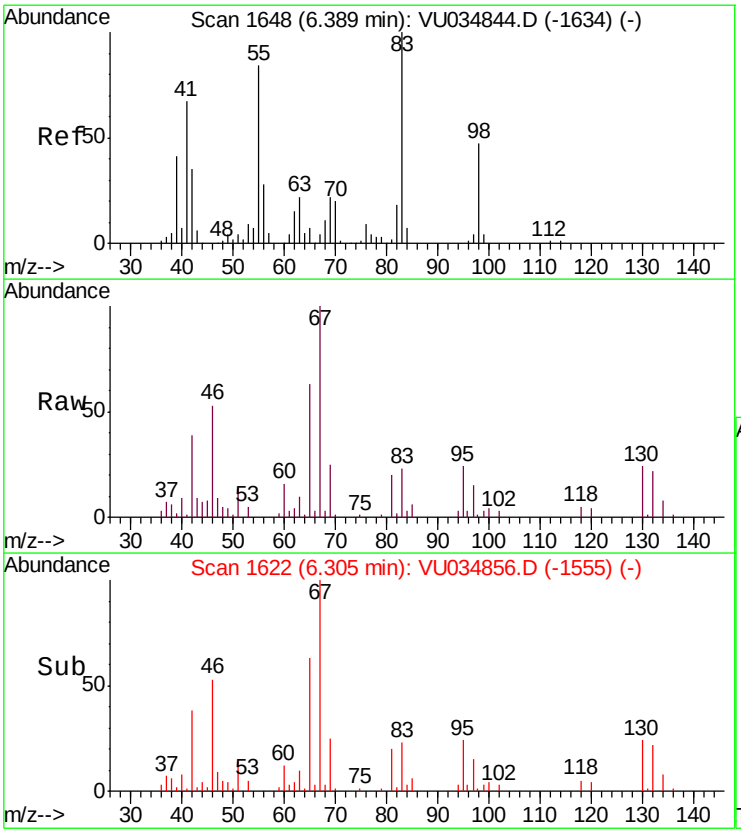
#34
Trichloroethene
Concen: 688.115 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VU034856.D
Acq: 26 Sep 2019 20:51

Instrument :
MSVOA_U
ClientSampleId :
CWK36

Tgt Ion: 95 Resp: 3940602

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.2	84.0
132	89.0	60.9	113.1
130	93.7	64.3	119.3

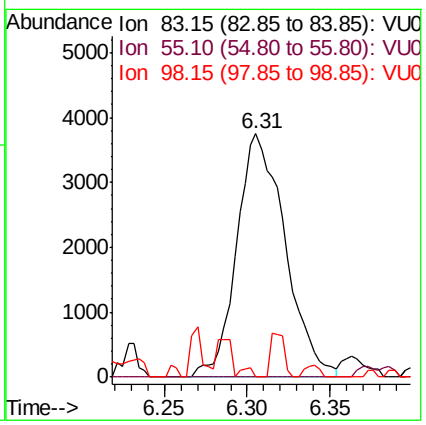


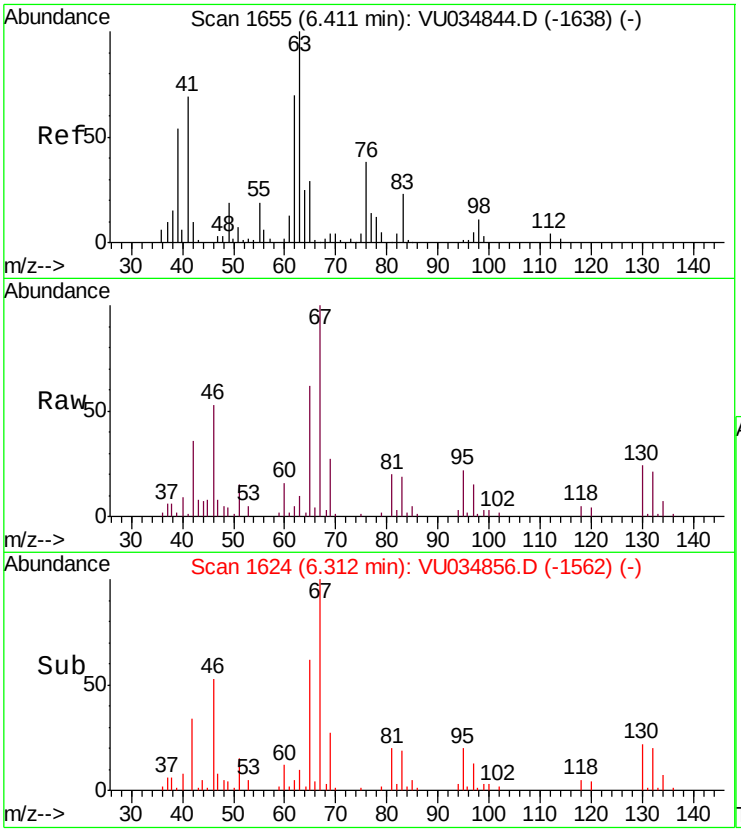


#35
Methylcyclohexane
Concen: 0.825 ug/L
RT: 6.31 min Scan# 1622
Delta R.T. -0.08 min
Lab File: VU034856.D
Acq: 26 Sep 2019 20:51

Tgt Ion: 83 Resp: 7631

Ion	Ratio	Lower	Upper
83	100		
55	1.6	66.8	100.2#
98	0.0	35.4	53.0#



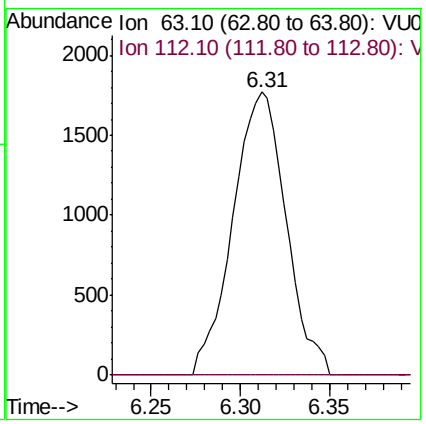


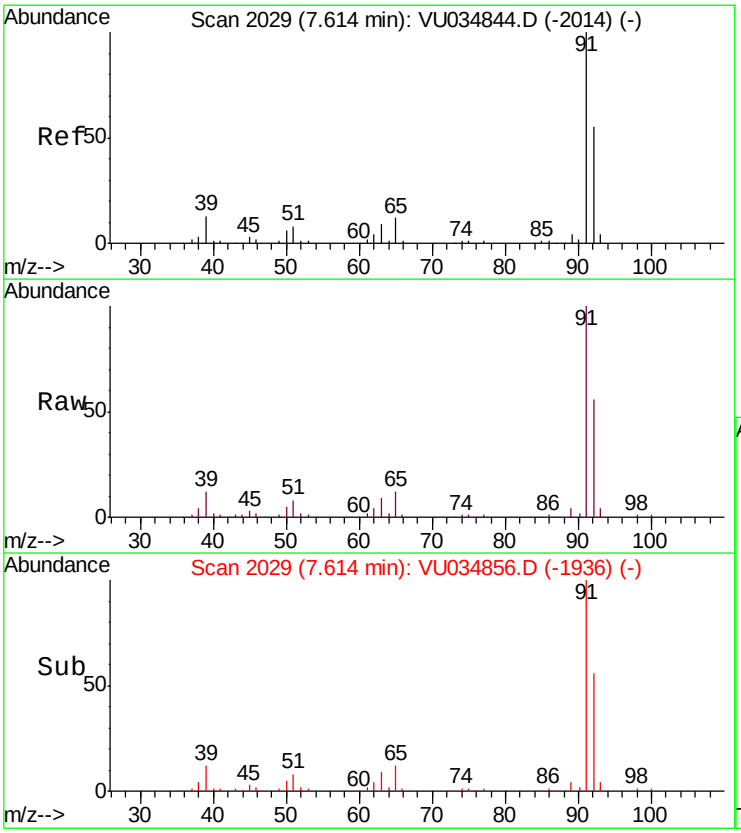
#37
1,2-Dichloropropane
Concen: 0.519 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034856.D
Acq: 26 Sep 2019 20:51

Instrument :
MSVOA_U
ClientSampleId :
CWK36

Tgt Ion: 63 Resp: 3682

Ion	Ratio	Lower	Upper
63	100		
112	7.4	2.2	3.2#

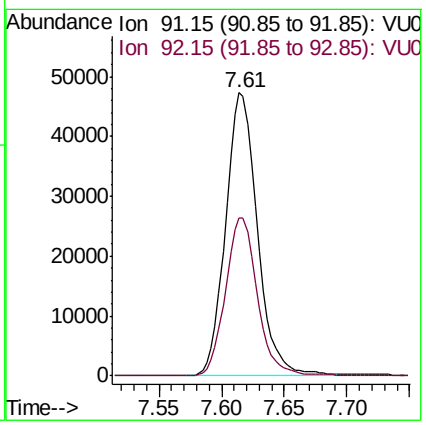


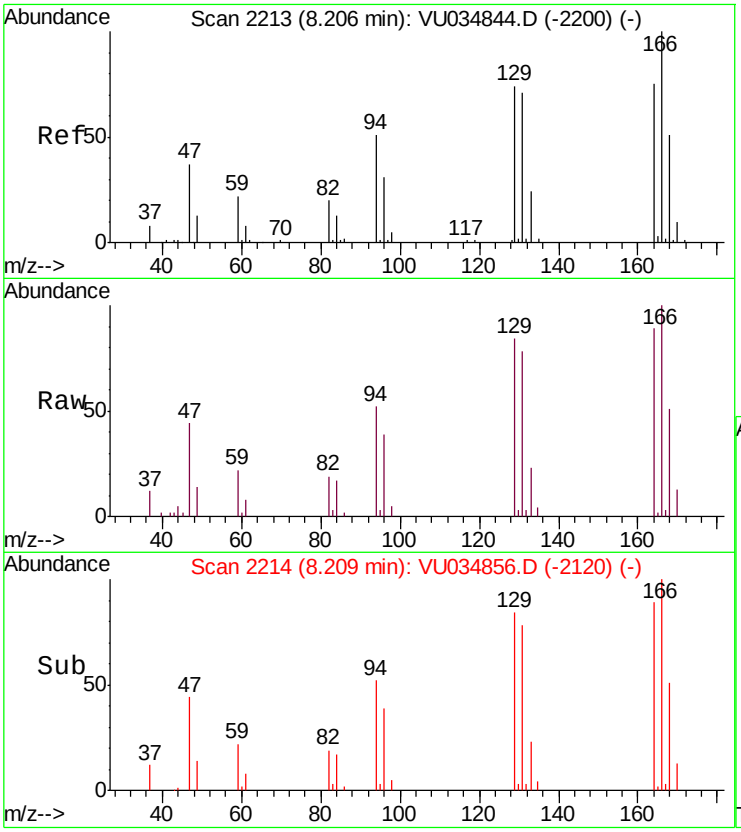


#42
Toluene
Concen: 3.359 ug/L
RT: 7.61 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VU034856.D
Acq: 26 Sep 2019 20:51

Tgt Ion: 91 Resp: 83396

Ion	Ratio	Lower	Upper
91	100		
92	56.0	39.6	73.6



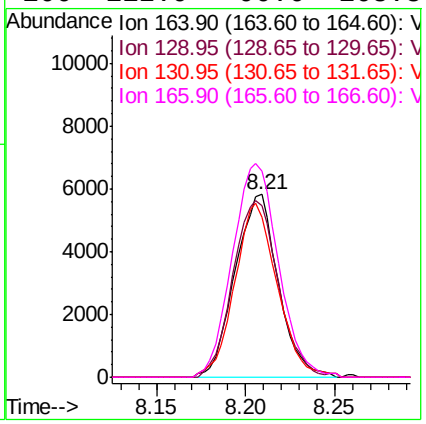


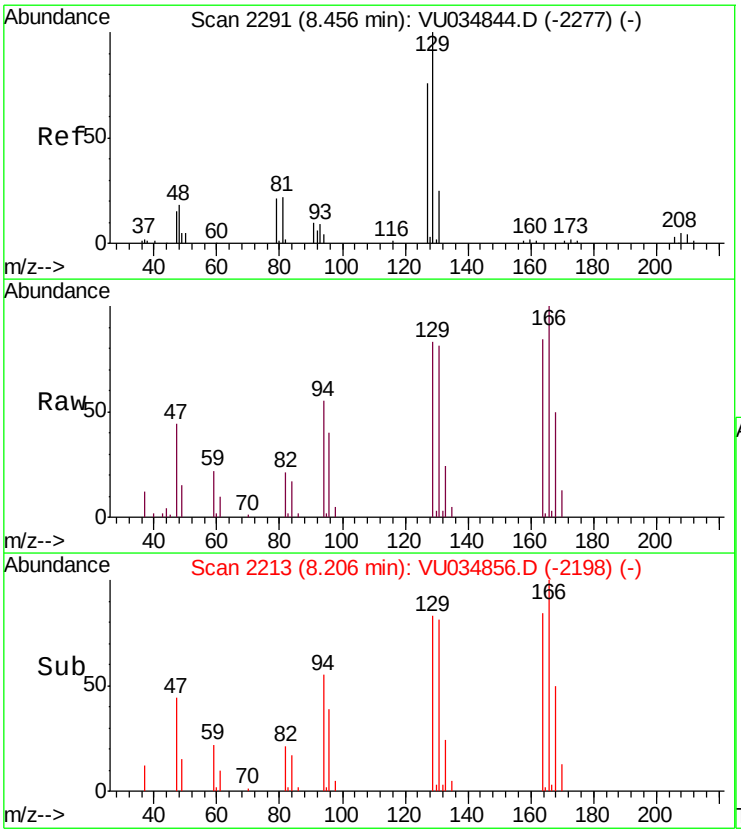
#47
Tetrachloroethene
Concen: 2.844 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034856.D
Acq: 26 Sep 2019 20:51

Instrument : MSVOA_U
ClientSampleId : CWK36

Tgt Ion:164 Resp: 9872

Ion	Ratio	Lower	Upper
164	100		
129	94.3	73.6	136.8
131	87.9	73.4	136.4
166	112.9	90.6	168.3

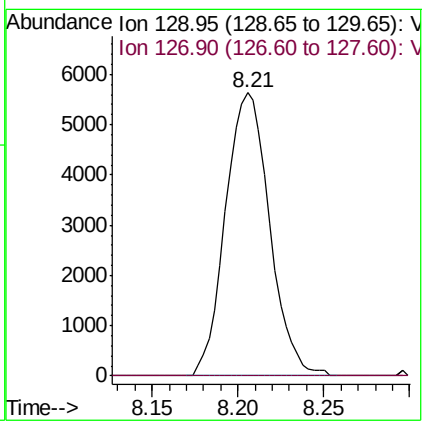


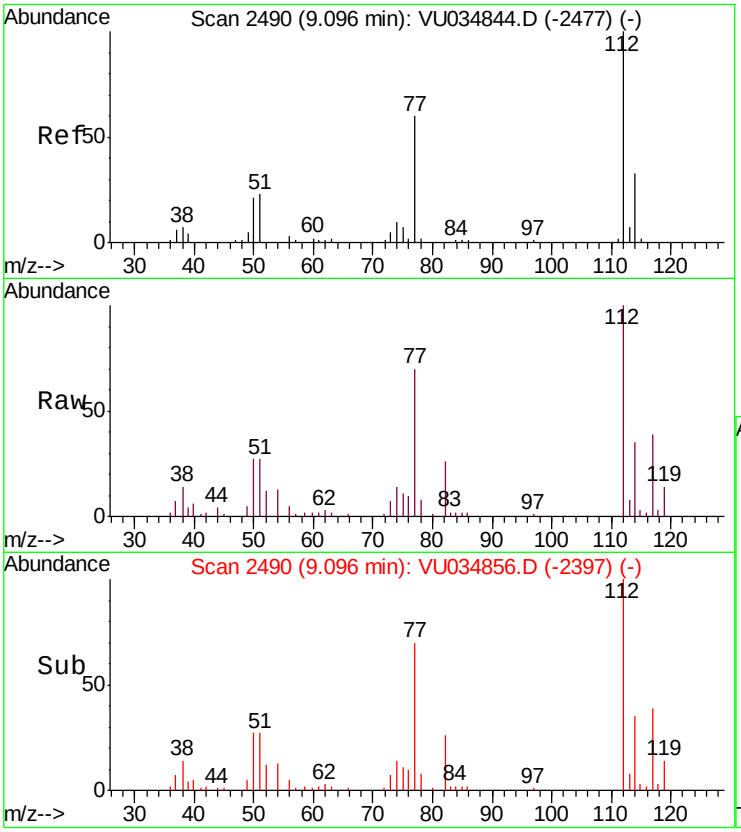


#49
Dibromochloromethane
Concen: 1.897 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU034856.D
Acq: 26 Sep 2019 20:51

Tgt Ion:129 Resp: 10040

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.0	98.4#



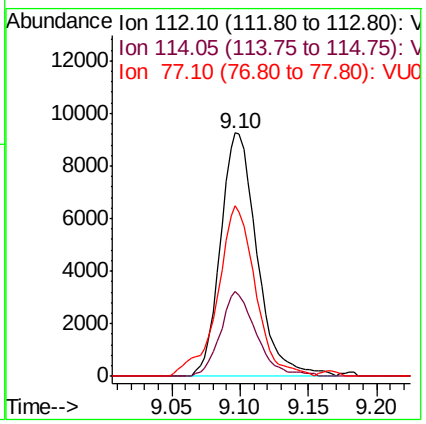


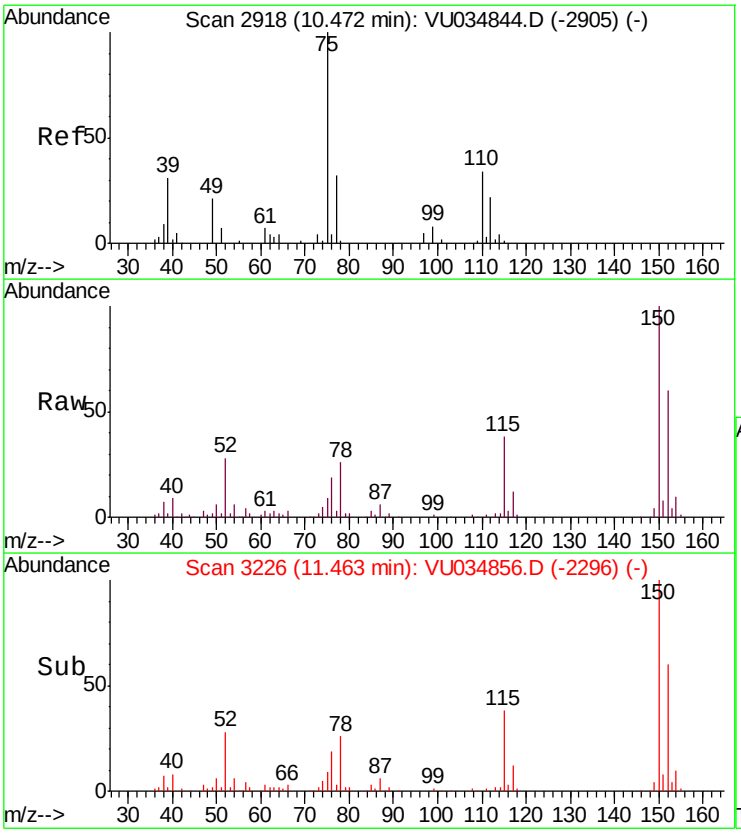
#51
Chlorobenzene
Concen: 1.107 ug/L
RT: 9.10 min Scan# 2490
Delta R.T. 0.00 min
Lab File: VU034856.D
Acq: 26 Sep 2019 20:51

Instrument :
MSVOA_U
ClientSampleId :
CWK36

Tgt Ion:112 Resp: 17231

Ion	Ratio	Lower	Upper
112	100		
114	34.8	22.5	41.7
77	69.9	50.3	75.5

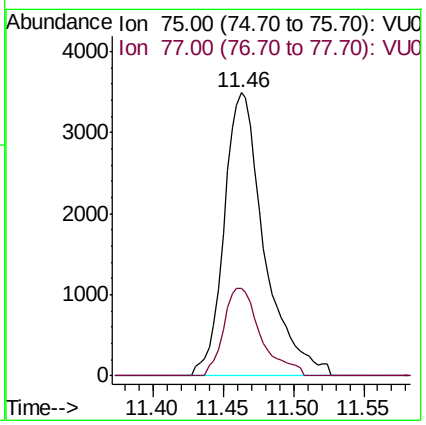


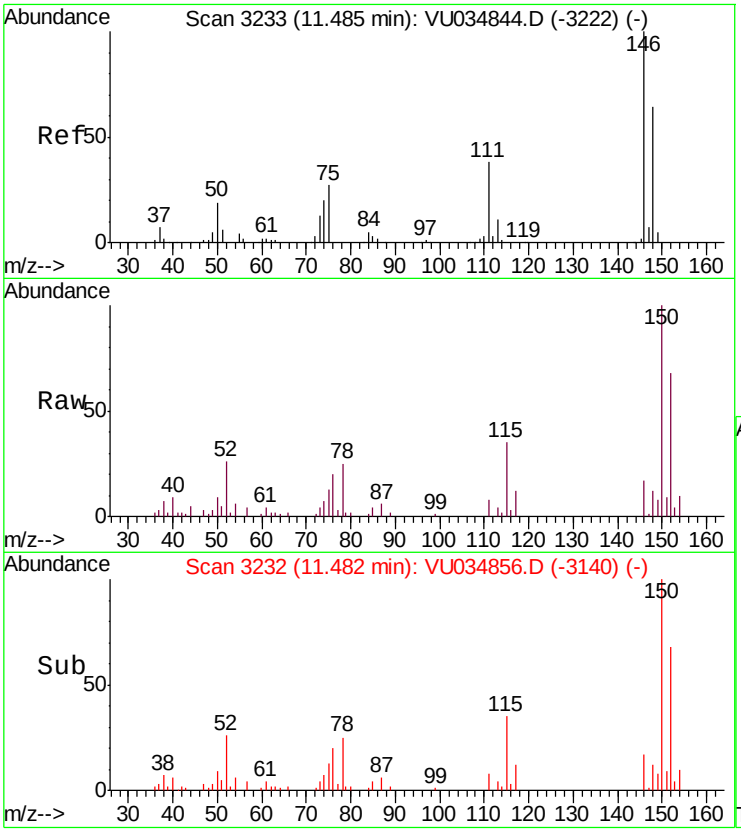


#59
1,2,3-Trichloropropane
Concen: 1.504 ug/L
RT: 11.46 min Scan# 3226
Delta R.T. 0.99 min
Lab File: VU034856.D
Acq: 26 Sep 2019 20:51

Tgt Ion: 75 Resp: 6971

Ion	Ratio	Lower	Upper
75	100		
77	28.5	26.0	39.0





#63
1,4-Dichlorobenzene
Concen: 0.249 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. -0.00 min
Lab File: VU034856.D
Acq: 26 Sep 2019 20:51

Instrument :
MSVOA_U
ClientSampleId :
CWK36

Tgt Ion:146 Resp: 2939

Ion	Ratio	Lower	Upper
146	100		
111	44.5	30.2	56.2
148	70.7	45.4	84.4