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

Quantitation Report (Not Reviewed)

Data File : VU034869.D
Acq On : 27 Sep 2019 12:49
Operator : JC/SP
Sample : K5044-01DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWK33DL

Quant Time: Sep 28 00:31:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 28 00:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	83061	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	81390	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	36662	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	27580	4.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.40%			
7) Chloroethane-d5	1.67	69	23136	4.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.20%			
11) 1,1-Dichloroethene-d2	2.26	63	40542	3.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.40%			
20) 2-Butanone-d5	4.18	46	72702	44.75	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.50%			
24) Chloroform-d	4.62	84	34555	3.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 68.60%#			
26) 1,2-Dichloroethane-d4	5.29	65	22806	3.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.40%			
32) Benzene-d6	5.31	84	85211	3.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.60%			
36) 1,2-Dichloropropane-d6	6.31	67	30332	4.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.00%			
41) Toluene-d8	7.54	98	81220	3.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.40%			
43) trans-1,3-Dichloropropene-	7.84	79	8797	2.97	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 59.40%			
46) 2-Hexanone-d5	8.30	63	50426	38.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 76.64%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	21467	3.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 75.60%			
64) 1,2-Dichlorobenzene-d4	11.84	152	26049	4.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.40%			
Target Compounds						Qvalue
16) Methylene chloride	2.68	84	1253	0.230	ug/L	77
22) cis-1,2-Dichloroethene	4.20	96	6202	1.089	ug/L	83
25) Chloroform	4.65	83	7656	0.659	ug/L	97
34) Trichloroethene	6.16	95	55645	10.144	ug/L	96
35) Methylcyclohexane	6.31	83	6144	0.693	ug/L #	16
37) 1,2-Dichloropropane	6.31	63	3180	0.468	ug/L #	92
42) Toluene	7.62	91	11421	0.480	ug/L	97
47) Tetrachloroethene	8.21	164	647	0.195	ug/L	98
49) Dibromochloromethane	8.21	129	650	0.128	ug/L #	12
59) 1,2,3-Trichloropropane	11.46	75	5742	1.294	ug/L	91

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

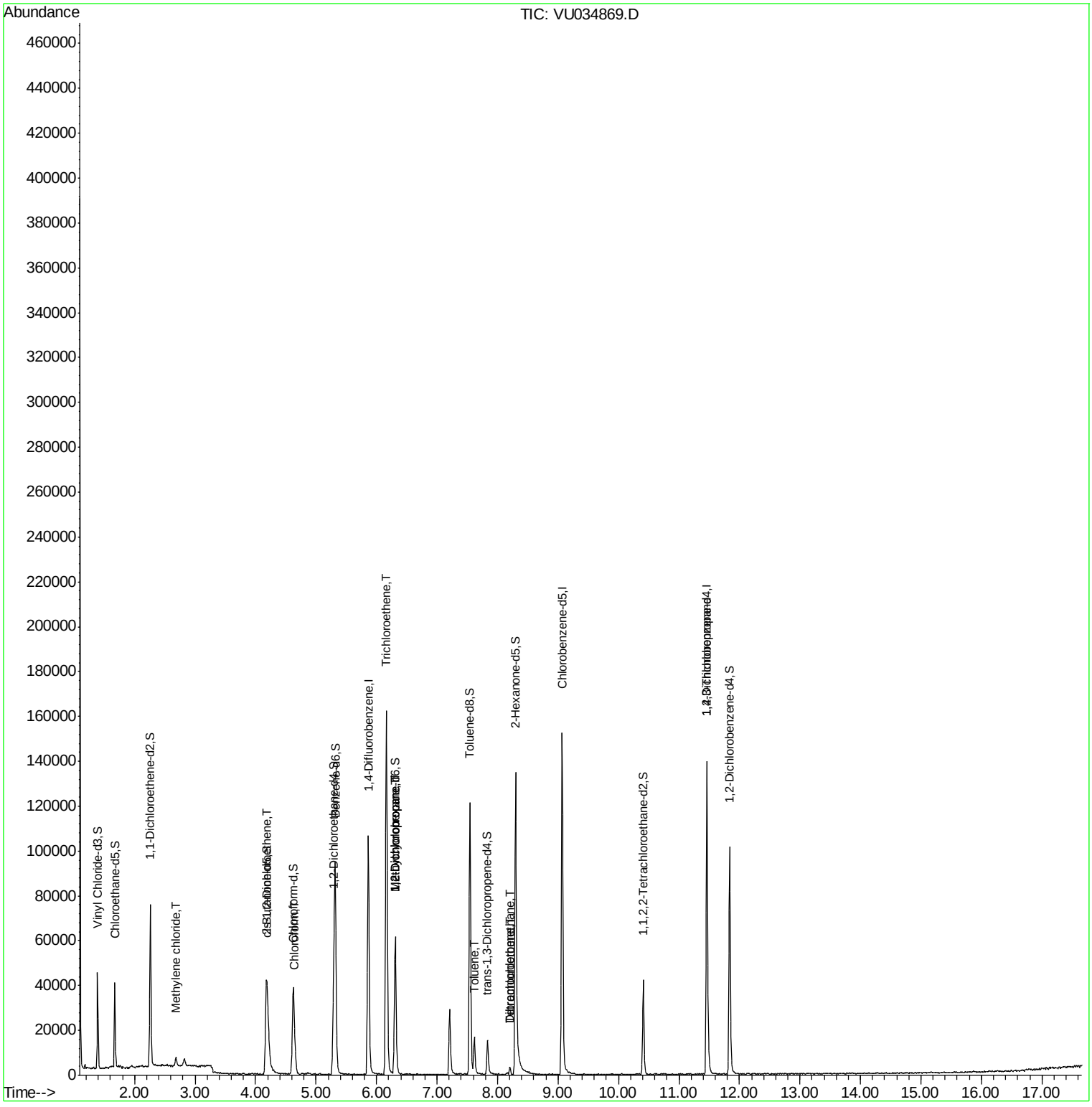
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092719\

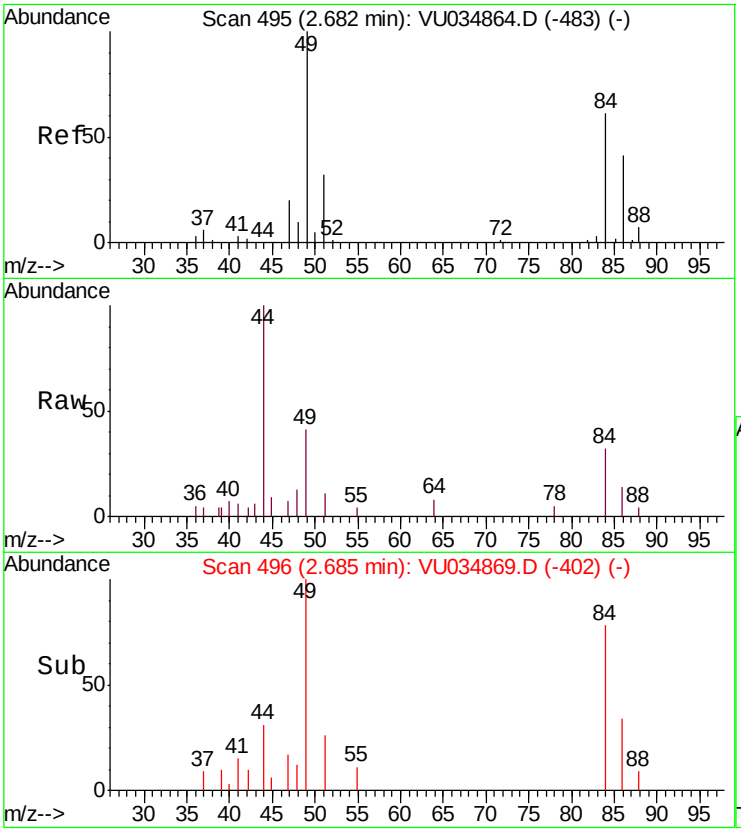
Quantitation Report (Not Reviewed)

Data File : VU034869.D
Acq On : 27 Sep 2019 12:49
Operator : JC/SP
Sample : K5044-01DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWK33DL

Quant Time: Sep 28 00:31:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 28 00:27:34 2019
Response via : Initial Calibration



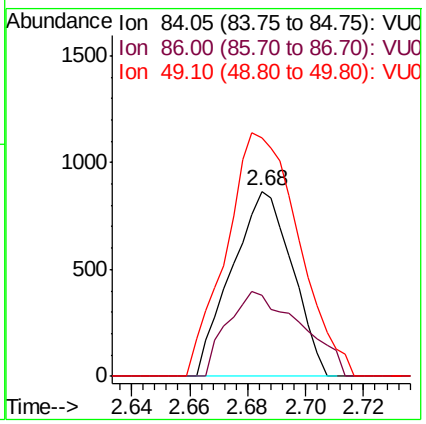


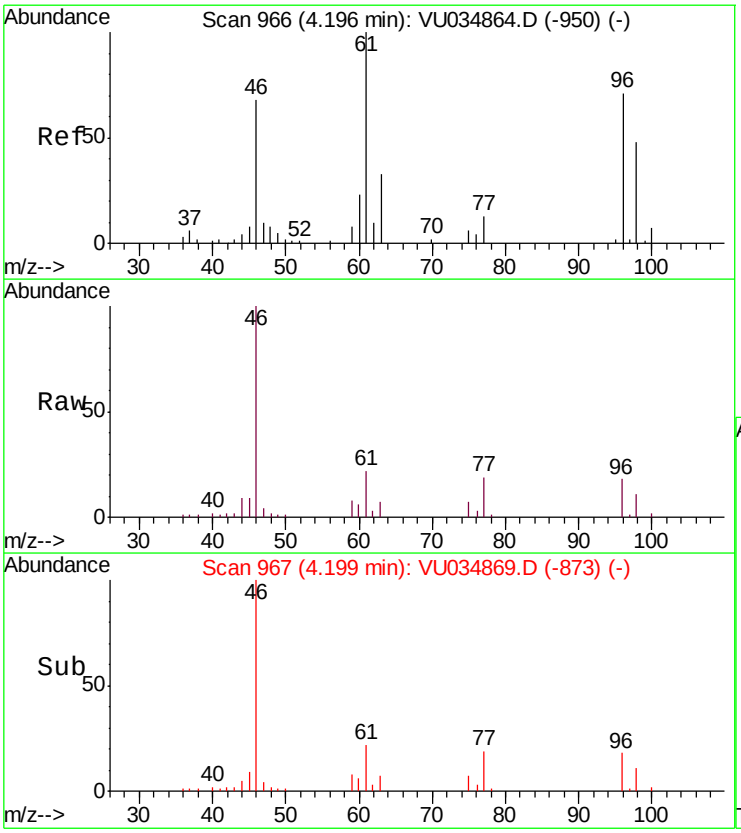
#16
Methylene chloride
Concen: 0.230 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034869.D
Acq: 27 Sep 2019 12:49

Instrument :
MSVOA_U
ClientSampleId :
CWK33DL

Tgt Ion: 84 Resp: 1253

Ion	Ratio	Lower	Upper
84	100		
86	43.5	43.0	80.0
49	128.9	110.9	205.9

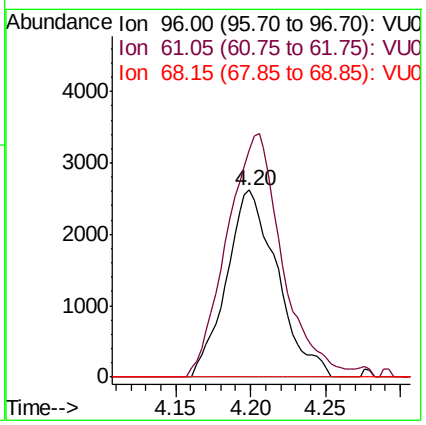


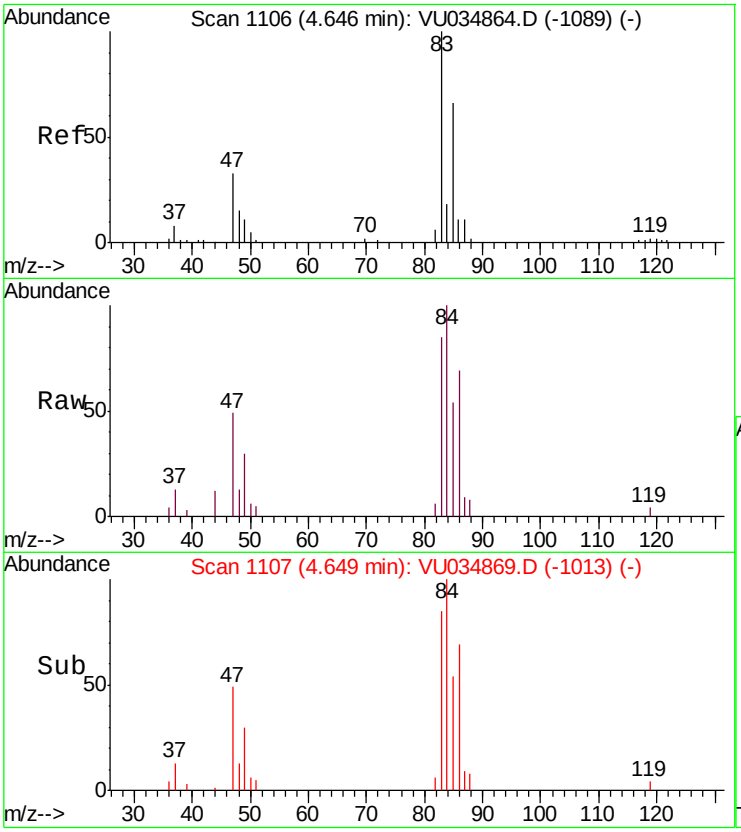


#22
cis-1,2-Dichloroethene
Concen: 1.089 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU034869.D
Acq: 27 Sep 2019 12:49

Tgt Ion: 96 Resp: 6202

Ion	Ratio	Lower	Upper
96	100		
61	121.4	100.0	185.8
68	0.0	0.0	0.0



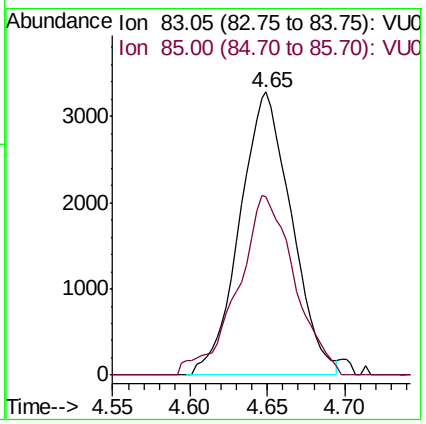


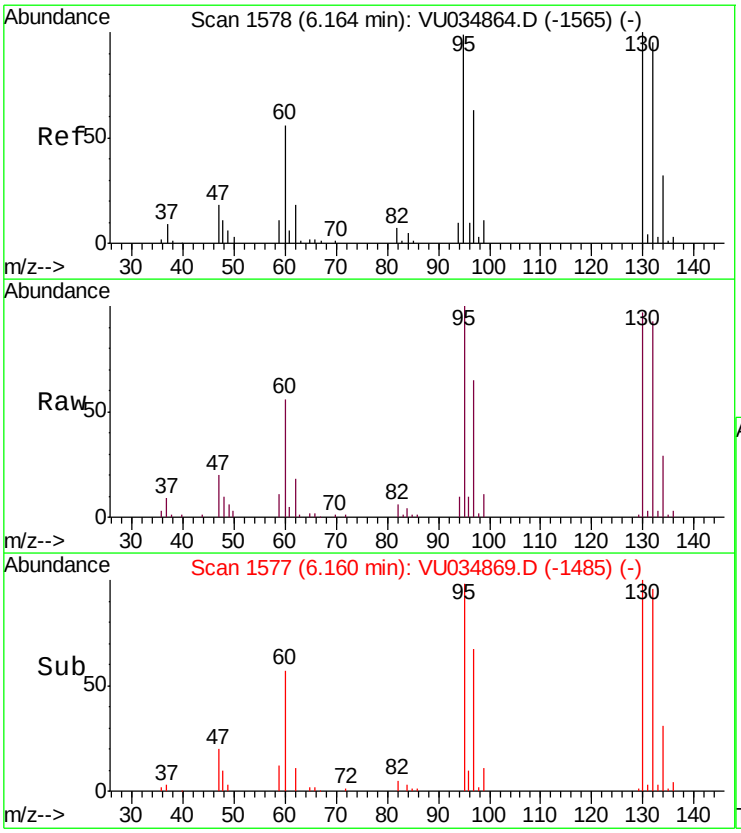
#25
Chloroform
Concen: 0.659 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034869.D
Acq: 27 Sep 2019 12:49

Instrument :
MSVOA_U
ClientSampleId :
CWK33DL

Tgt Ion: 83 Resp: 7656

Ion	Ratio	Lower	Upper
83	100		
85	63.1	42.8	79.4

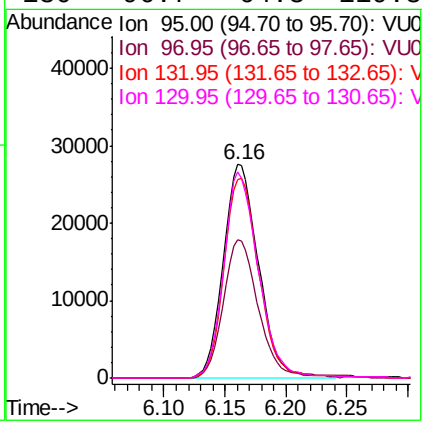


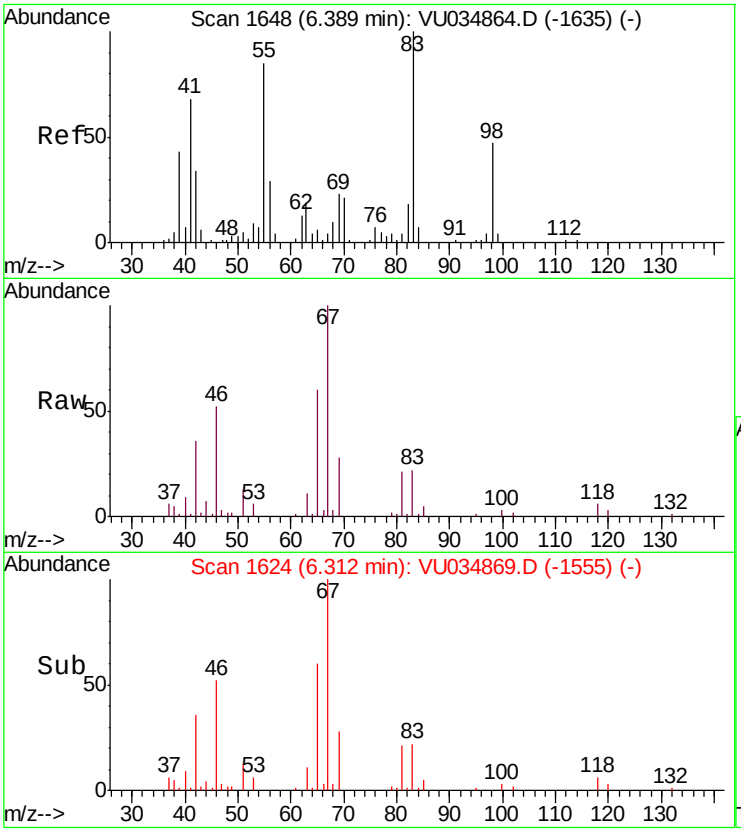


#34
Trichloroethene
Concen: 10.144 ug/L
RT: 6.16 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VU034869.D
Acq: 27 Sep 2019 12:49

Tgt Ion: 95 Resp: 55645

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.2	84.0
132	92.8	60.9	113.1
130	96.7	64.3	119.3



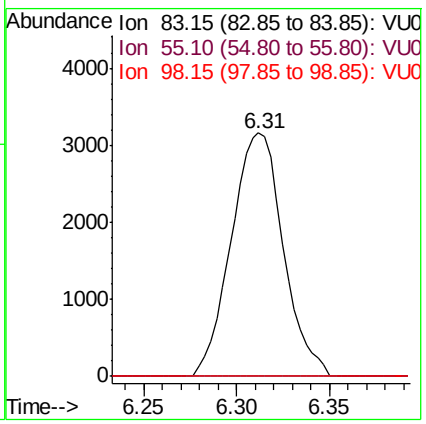


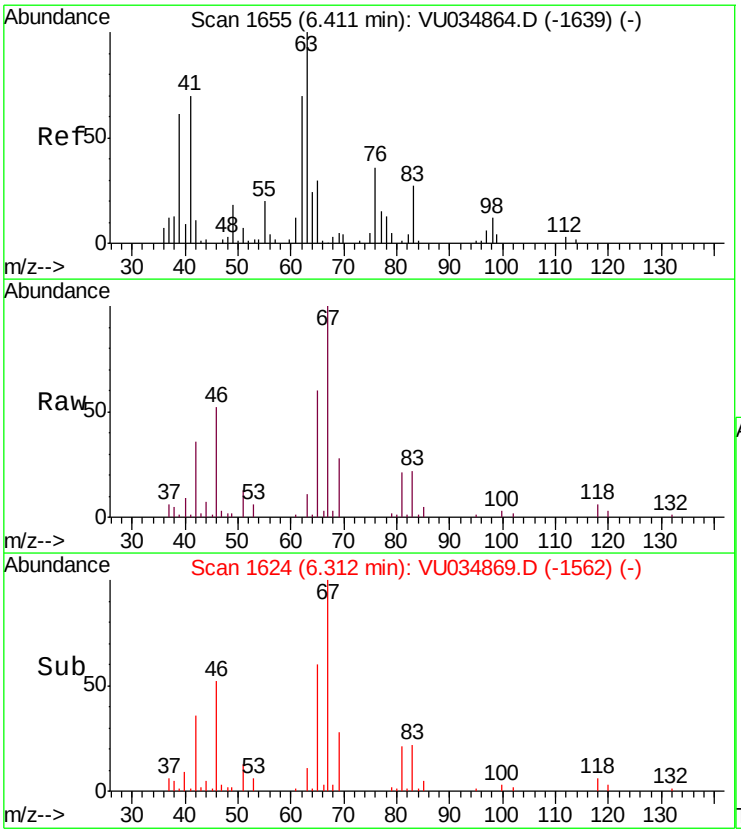
#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU034869.D
Acq: 27 Sep 2019 12:49

Instrument :
MSVOA_U
ClientSampleId :
CWK33DL

Tgt Ion: 83 Resp: 6144

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

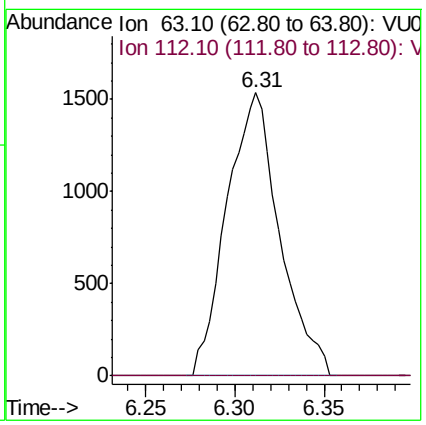


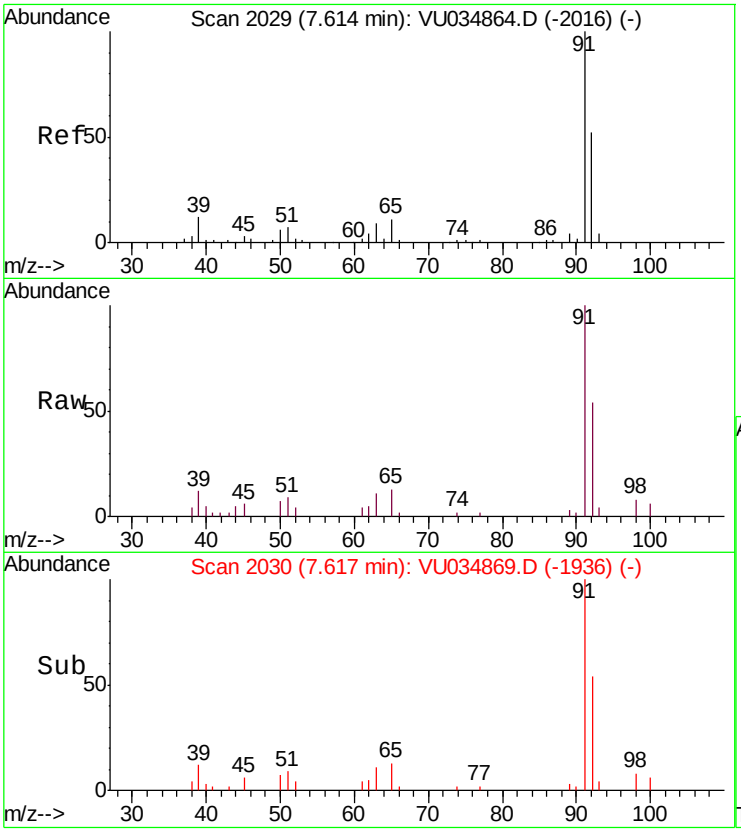


#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034869.D
Acq: 27 Sep 2019 12:49

Tgt Ion: 63 Resp: 3180

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.2#



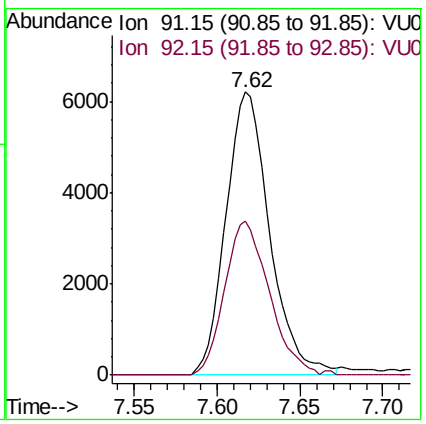


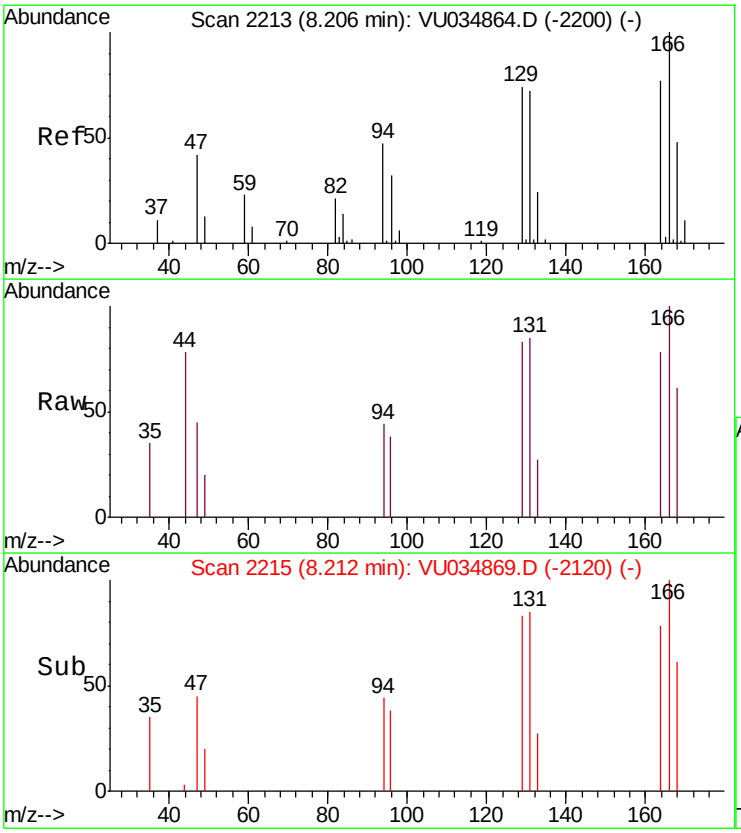
#42
Toluene
Concen: 0.480 ug/L
RT: 7.62 min Scan# 2030
Delta R.T. 0.00 min
Lab File: VU034869.D
Acq: 27 Sep 2019 12:49

Instrument : MSVOA_U
ClientSampleId : CWK33DL

Tgt Ion: 91 Resp: 11421

Ion	Ratio	Lower	Upper
91	100		
92	54.3	39.6	73.6

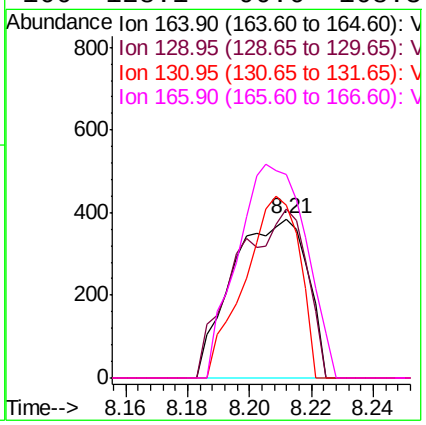


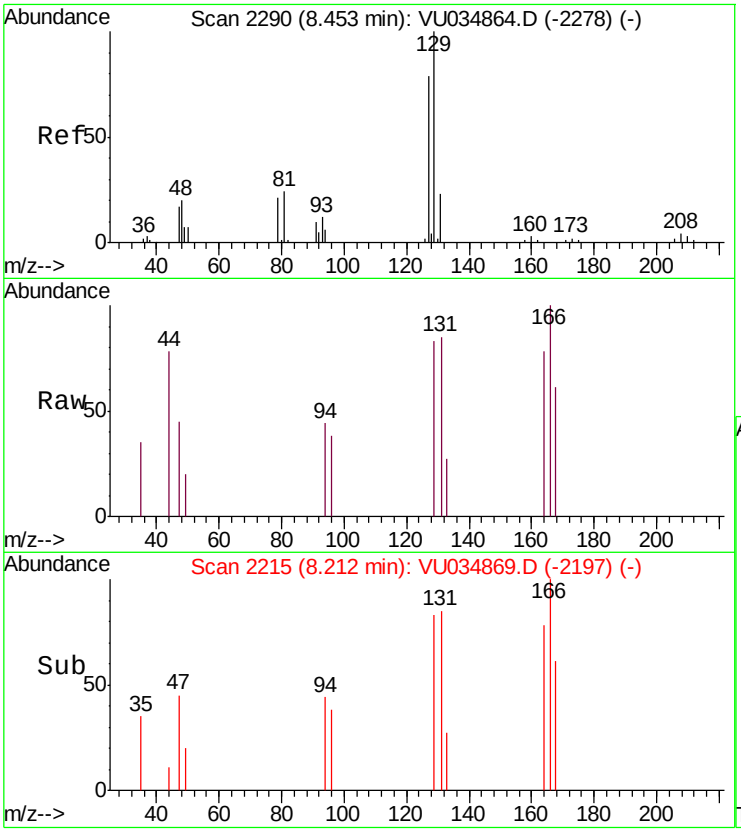


#47
Tetrachloroethene
Concen: 0.195 ug/L
RT: 8.21 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VU034869.D
Acq: 27 Sep 2019 12:49

Tgt Ion:164 Resp: 647

Ion	Ratio	Lower	Upper
164	100		
129	106.2	73.6	136.8
131	108.6	73.4	136.4
166	128.1	90.6	168.3



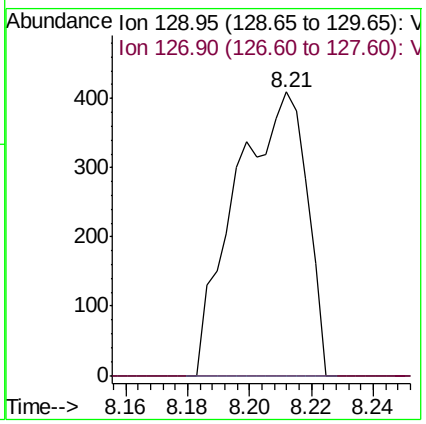


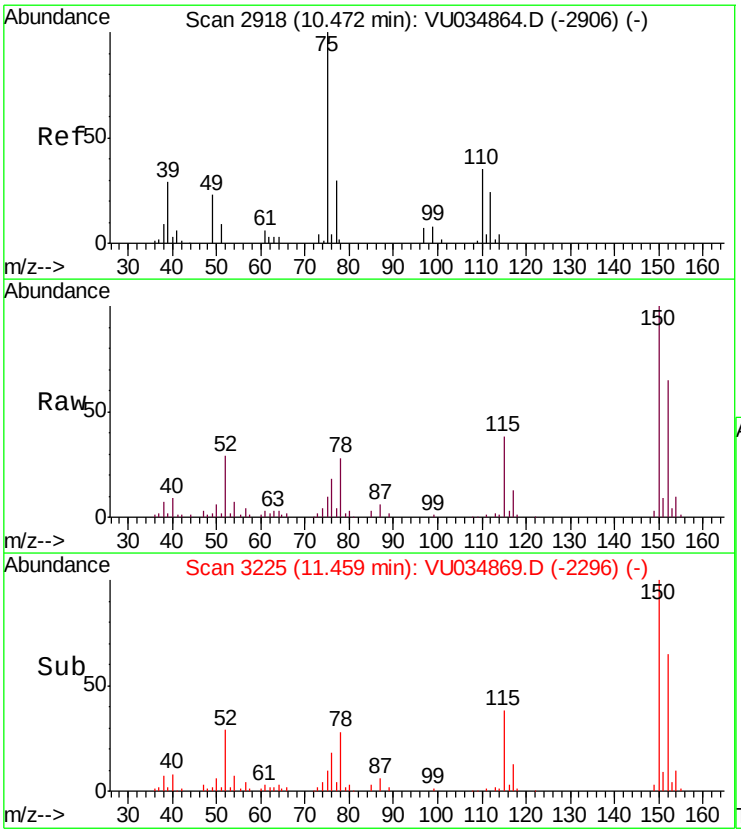
#49
Dibromochloromethane
Concen: 0.128 ug/L
RT: 8.21 min Scan# 2215
Delta R.T. -0.24 min
Lab File: VU034869.D
Acq: 27 Sep 2019 12:49

Instrument : MSVOA_U
ClientSampleId : CWK33DL

Tgt Ion:129 Resp: 650

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.0	98.4#





#59
1,2,3-Trichloropropane
Concen: 1.294 ug/L
RT: 11.46 min Scan# 3225
Delta R.T. 0.99 min
Lab File: VU034869.D
Acq: 27 Sep 2019 12:49

Tgt Ion: 75 Resp: 5742

Ion	Ratio	Lower	Upper
75	100		
77	37.3	26.0	39.0