Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100719\

Quantitation Report (Not Reviewed)

Data File : VU034957.D
Acq On : 07 Oct 2019 14:09
Operator : JC/SP
Sample : K5196-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0K00

Quant Time: Oct 09 03:59:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	196903	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	196210	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	79712	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	83168	7.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 143.00%#			
7) Chloroethane-d5	1.68	69	74288	6.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 136.80%#			
11) 1,1-Dichloroethene-d2	2.26	63	116258	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.80%			
20) 2-Butanone-d5	4.17	46	188842	55.09	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.18%			
24) Chloroform-d	4.62	84	130218	5.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 119.60%			
26) 1,2-Dichloroethane-d4	5.29	65	76083	5.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.80%			
32) Benzene-d6	5.32	84	288352	6.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 125.40%#			
36) 1,2-Dichloropropane-d6	6.31	67	95674	6.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 124.40%			
41) Toluene-d8	7.54	98	258735	5.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 116.20%			
43) trans-1,3-Dichloropropene-	7.84	79	29746	5.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.60%			
46) 2-Hexanone-d5	8.30	63	144388	54.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.70%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	72967	5.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.60%			
64) 1,2-Dichlorobenzene-d4	11.84	152	88358	6.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 131.40%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.27	96	2563	0.203	ug/L #	1
13) Acetone	2.31	43	4140	1.475	ug/L	99
15) Methyl Acetate	2.43	43	17298	2.315	ug/L #	55
16) Methylene chloride	2.68	84	2289	0.146	ug/L	80
22) cis-1,2-Dichloroethene	4.20	96	26368	1.745	ug/L	99
25) Chloroform	4.65	83	16244	0.537	ug/L	99
31) Carbon tetrachloride	5.10	117	3463	0.181	ug/L	99
34) Trichloroethene	6.16	95	97175	6.375	ug/L	96
35) Methylcyclohexane	6.31	83	21494	0.871	ug/L #	19
37) 1,2-Dichloropropane	6.31	63	10902	0.684	ug/L #	89
44) trans-1,3-Dichloropropene	7.83	75	1354	0.081	ug/L	98
47) Tetrachloroethene	8.21	164	5540	0.449	ug/L	90
49) Dibromochloromethane	8.21	129	5449	0.445	ug/L #	13
59) 1,2,3-Trichloropropane	11.47	75	10640	1.031	ug/L	90

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100719\

Quantitation Report (Not Reviewed)

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Quant Time: Oct 09 03:59:48 2019
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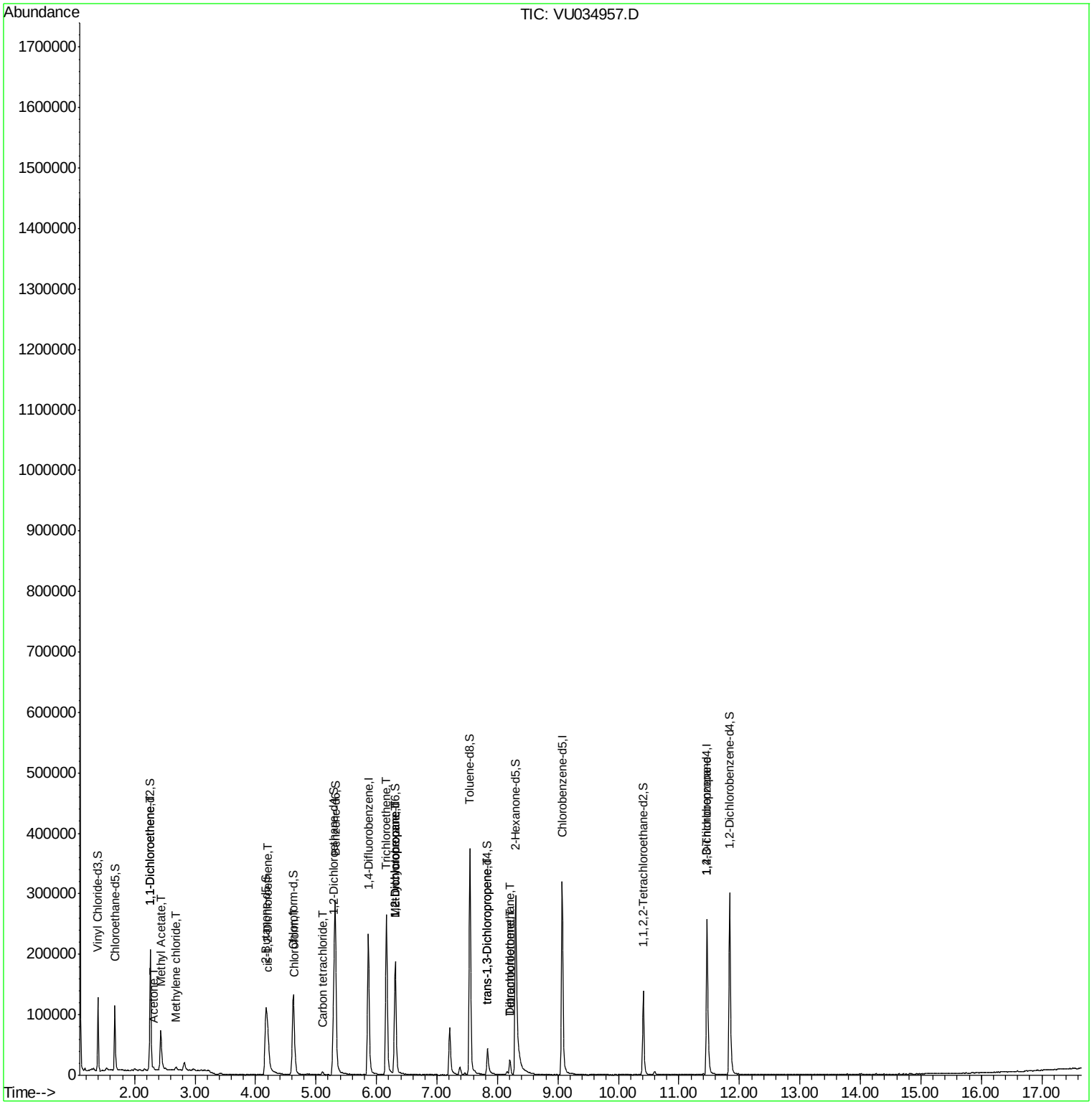
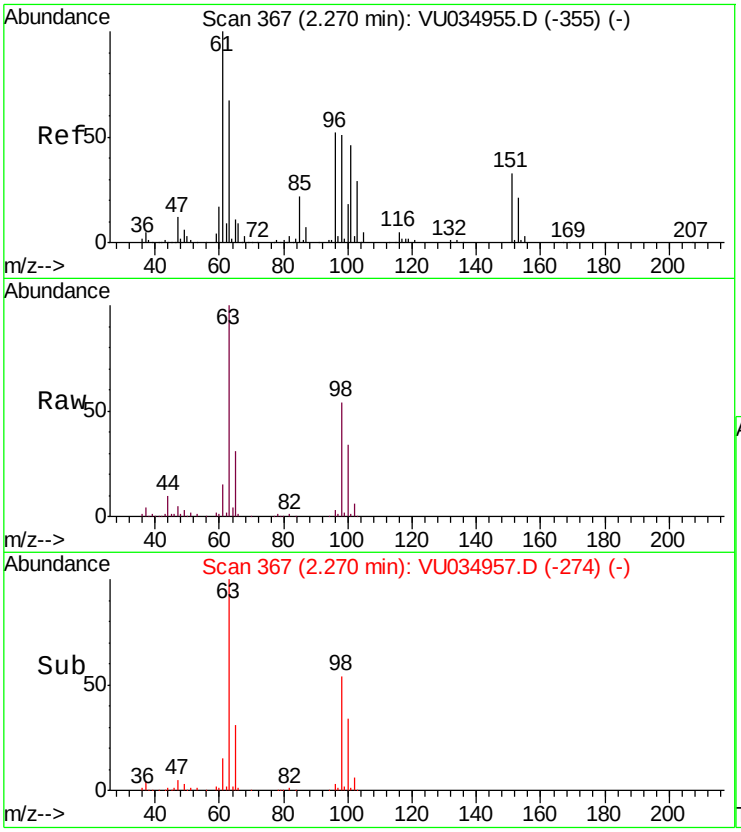
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 03:56:49 2019
Response via : Initial Calibration



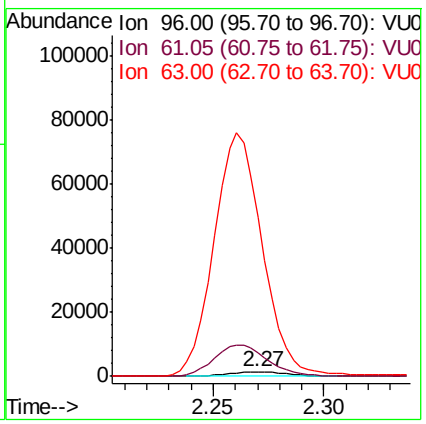


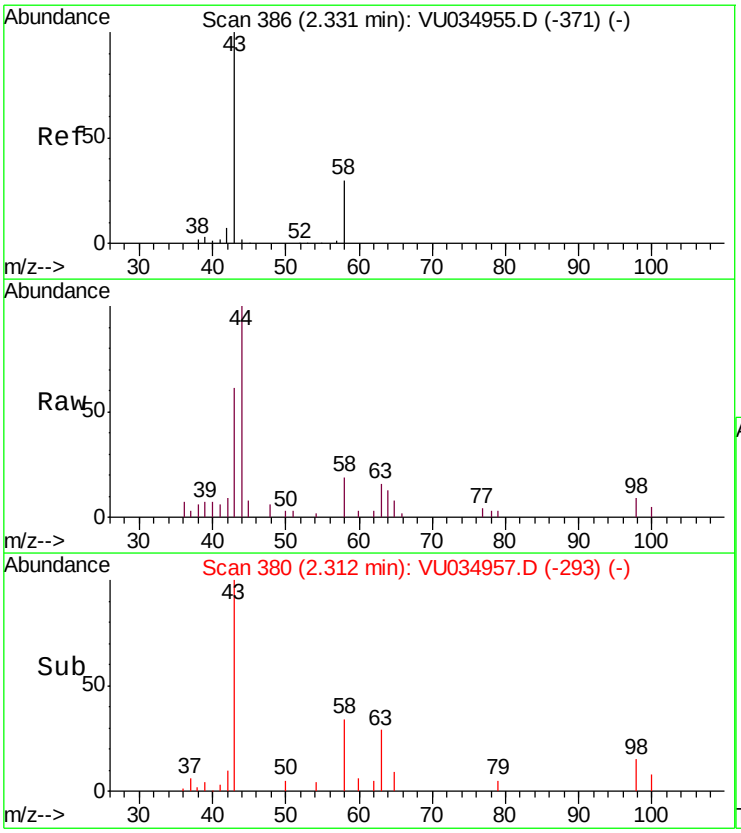
#12
1,1-Dichloroethene
Concen: 0.203 ug/L
RT: 2.27 min Scan# 367
Delta R.T. 0.00 min
Lab File: VU034957.D
Acq: 07 Oct 2019 14:09

Instrument : MSVOA_U
ClientSampleId : C0K00

Tgt Ion: 96 Resp: 2563

Ion	Ratio	Lower	Upper
96	100		
61	507.3	132.6	246.2#
63	3352.4	94.3	175.1#

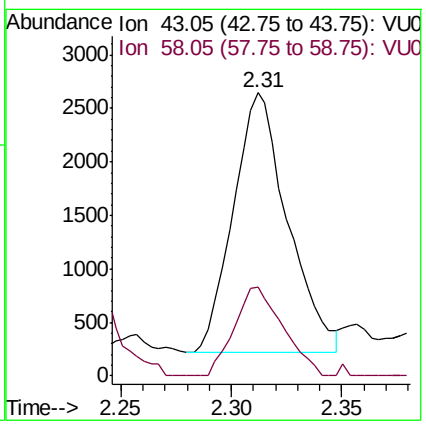


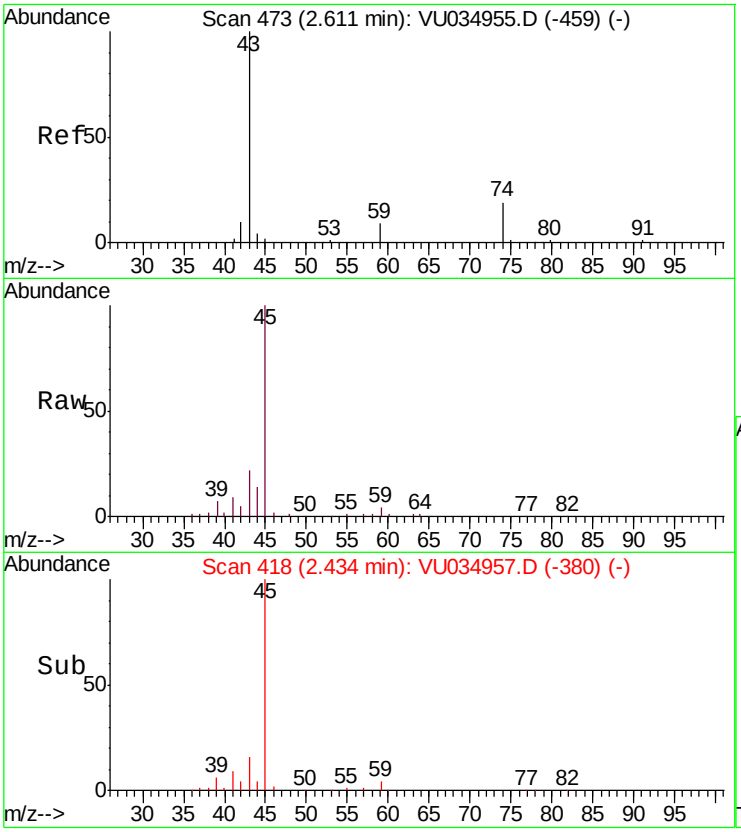


#13
Acetone
Concen: 1.475 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.02 min
Lab File: VU034957.D
Acq: 07 Oct 2019 14:09

Tgt Ion: 43 Resp: 4140

Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	60.8



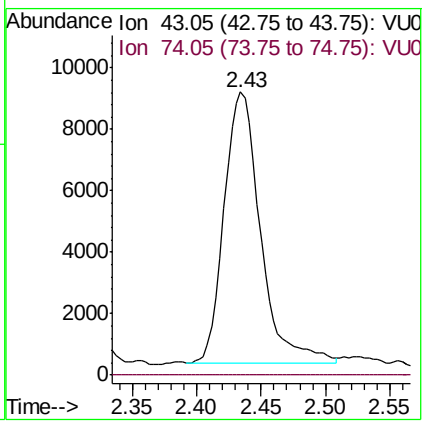


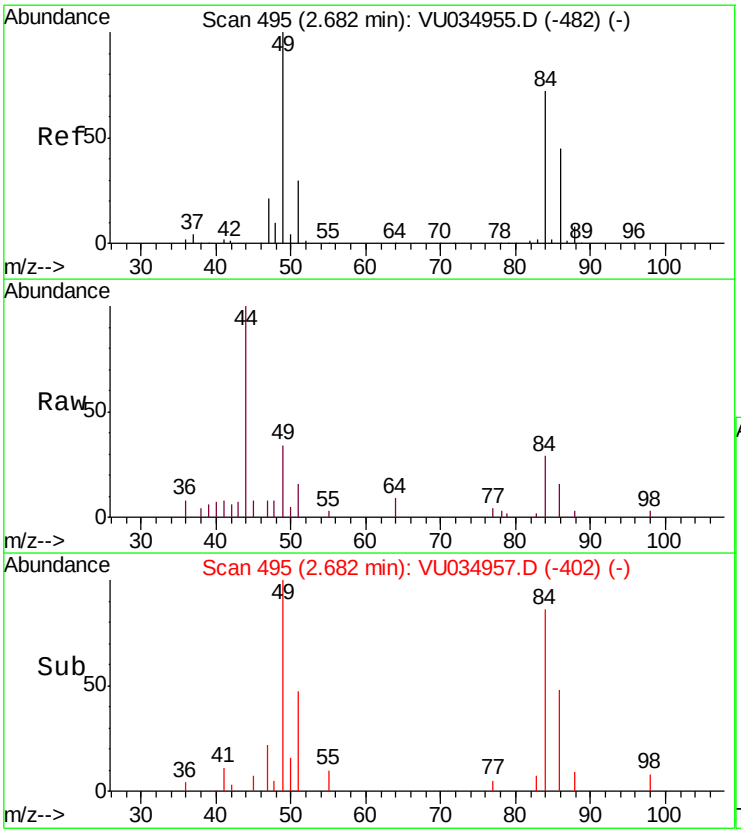
#15
Methyl Acetate
Concen: 2.315 ug/L
RT: 2.43 min Scan# 418
Delta R.T. -0.18 min
Lab File: VU034957.D
Acq: 07 Oct 2019 14:09

Instrument : MSVOA_U
ClientSampleId : C0K00

Tgt Ion: 43 Resp: 17298

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.0	25.4#

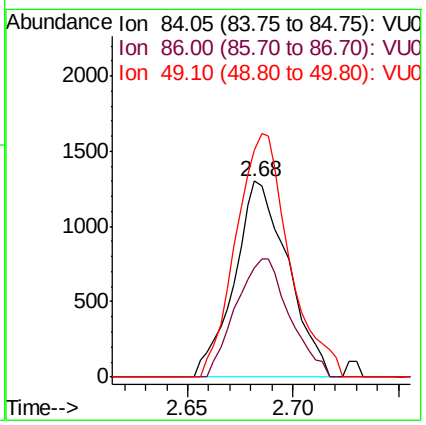


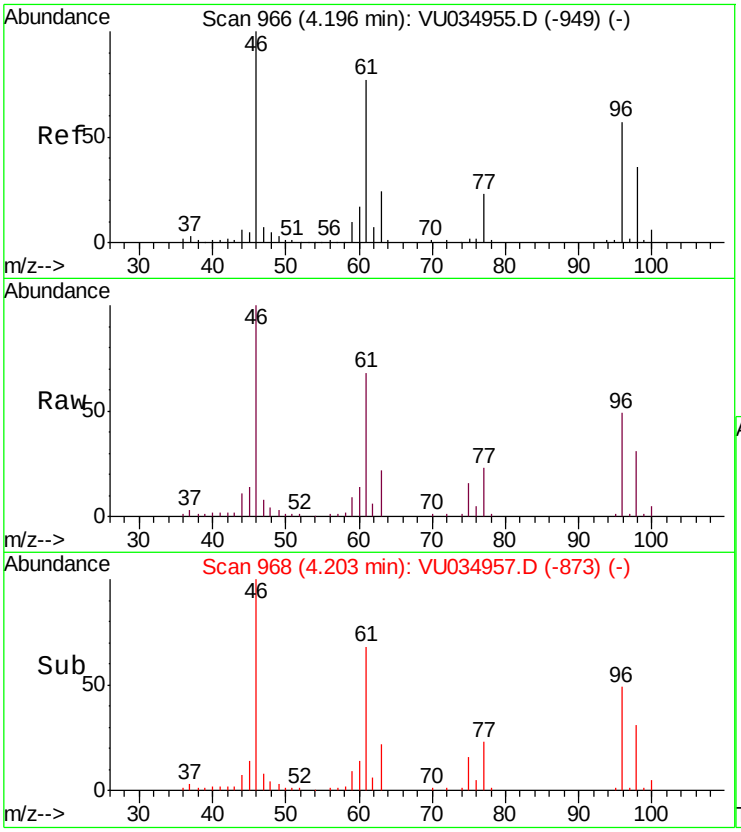


#16
Methylene chloride
Concen: 0.146 ug/L
RT: 2.68 min Scan# 495
Delta R.T. 0.00 min
Lab File: VU034957.D
Acq: 07 Oct 2019 14:09

Tgt Ion: 84 Resp: 2289

Ion	Ratio	Lower	Upper
84	100		
86	55.9	46.3	86.1
49	115.8	101.4	188.4



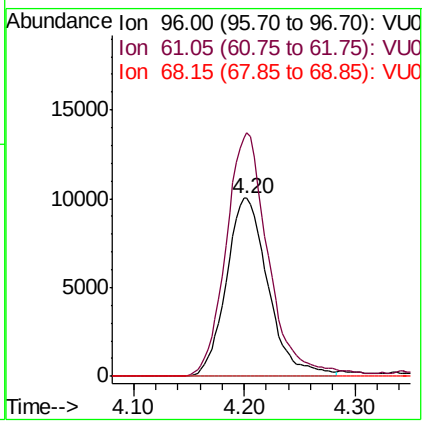


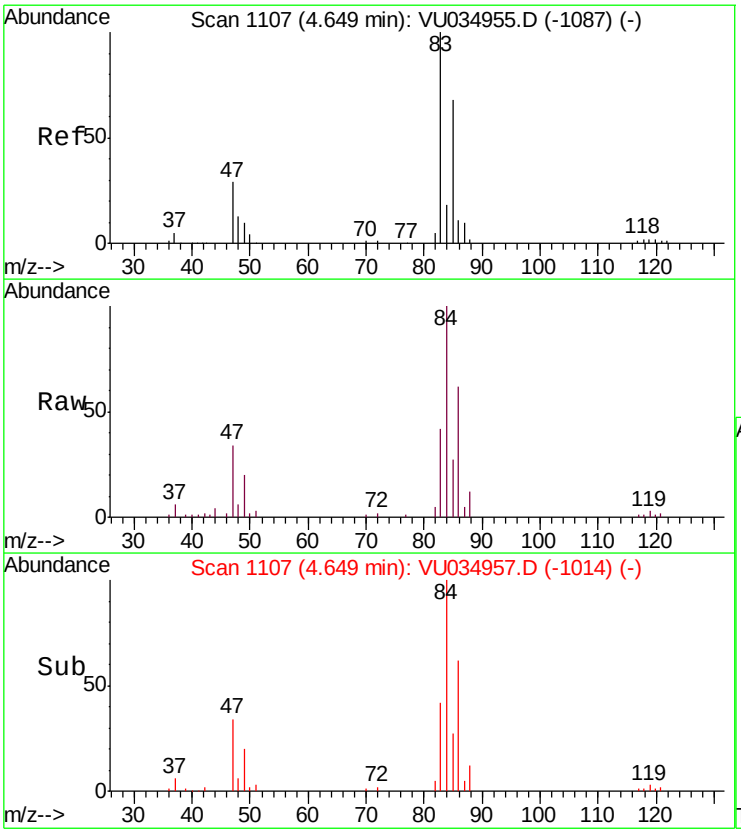
#22
cis-1,2-Dichloroethene
Concen: 1.745 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.01 min
Lab File: VU034957.D
Acq: 07 Oct 2019 14:09

Instrument :
MSVOA_U
ClientSampleId :
C0K00

Tgt Ion: 96 Resp: 26368

Ion	Ratio	Lower	Upper
96	100		
61	136.9	96.4	179.0
68	0.0	0.0	0.0

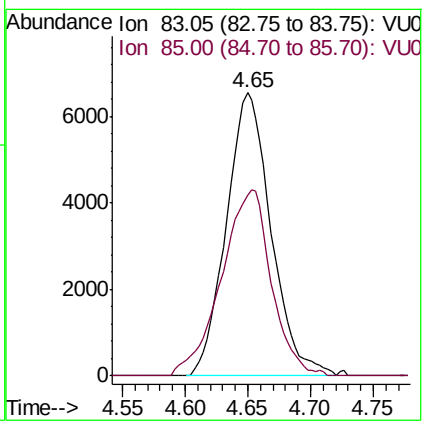


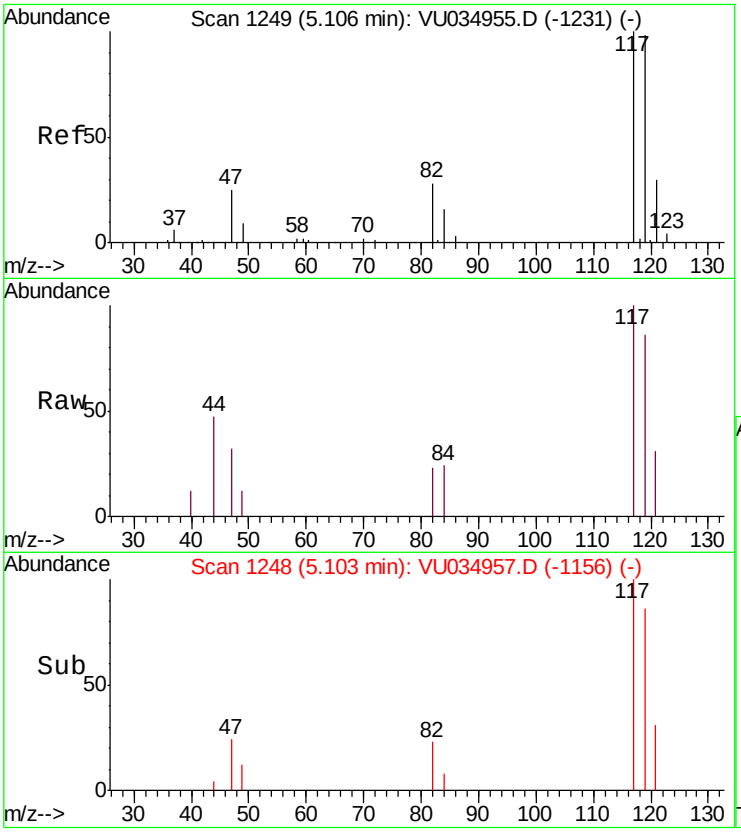


#25
Chloroform
Concen: 0.537 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034957.D
Acq: 07 Oct 2019 14:09

Tgt Ion: 83 Resp: 16244

Ion	Ratio	Lower	Upper
83	100		
85	64.0	45.4	84.4



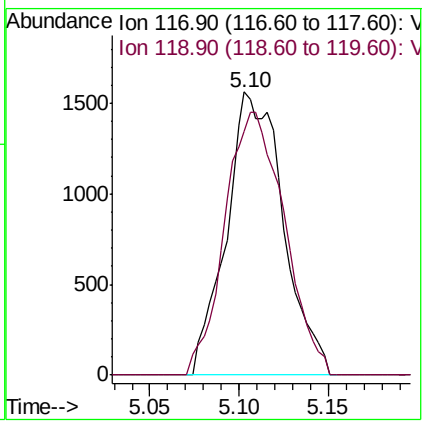


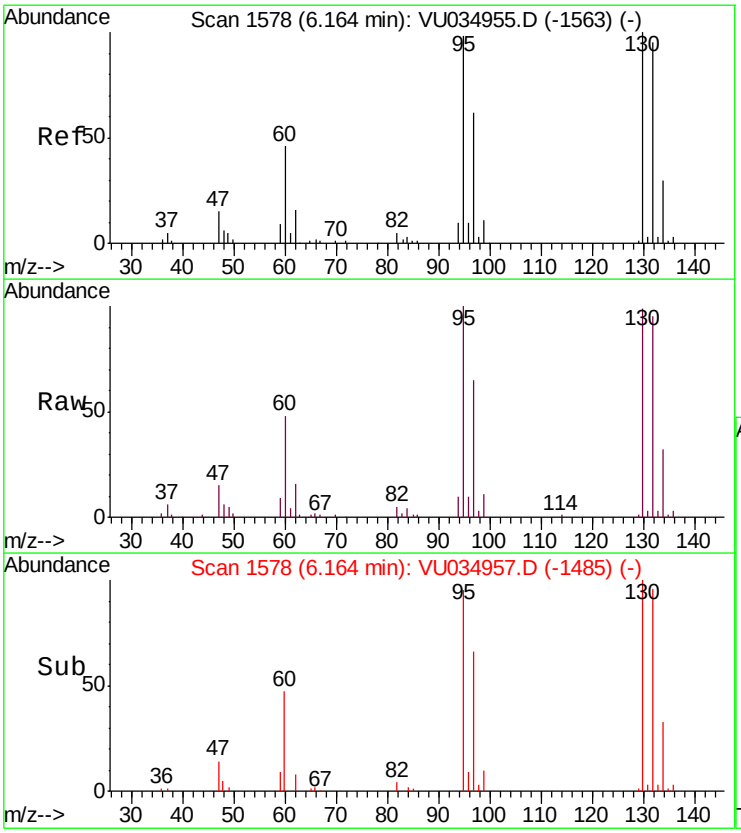
#31
Carbon tetrachloride
Concen: 0.181 ug/L
RT: 5.10 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU034957.D
Acq: 07 Oct 2019 14:09

Instrument : MSVOA_U
ClientSampleId : C0K00

Tgt Ion:117 Resp: 3463

Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.0	115.6

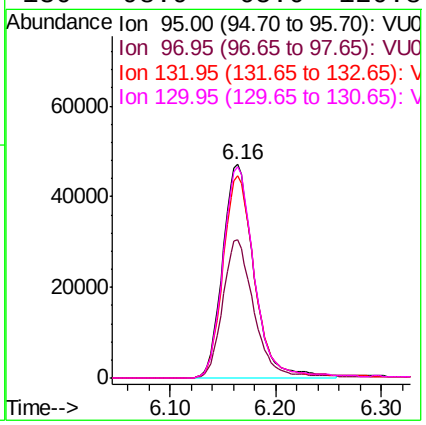


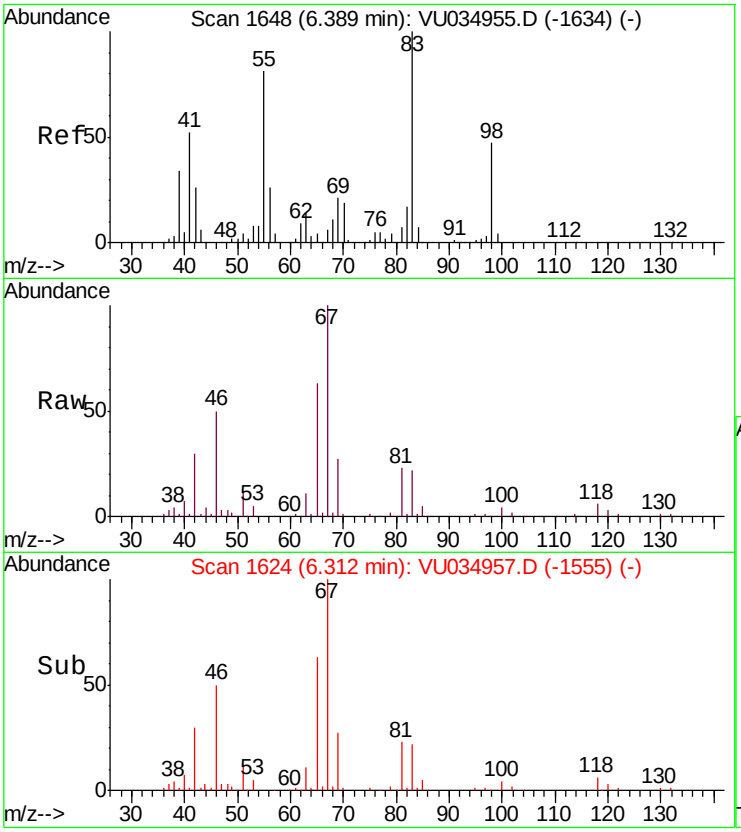


#34
Trichloroethene
Concen: 6.375 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU034957.D
Acq: 07 Oct 2019 14:09

Tgt Ion: 95 Resp: 97175

Ion	Ratio	Lower	Upper
95	100		
97	64.8	42.5	78.9
132	94.6	65.8	122.2
130	98.9	65.0	120.8



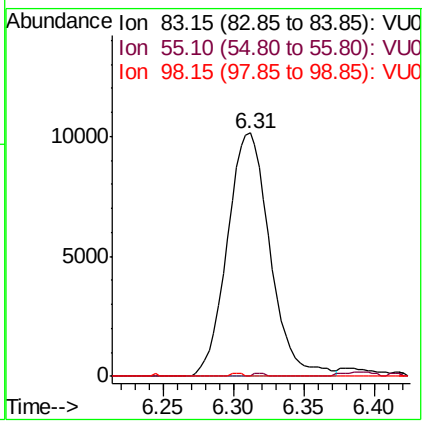


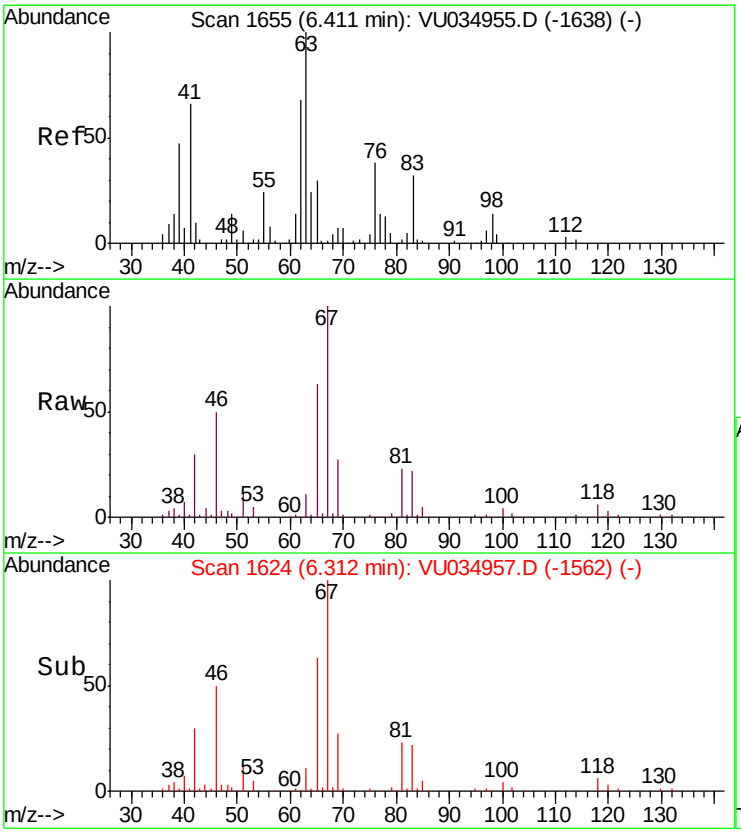
#35
Methylcyclohexane
Concen: 0.871 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU034957.D
Acq: 07 Oct 2019 14:09

Instrument : MSVOA_U
ClientSampleId : C0K00

Tgt Ion: 83 Resp: 21494

Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.4	93.6#
98	0.3	35.5	53.3#

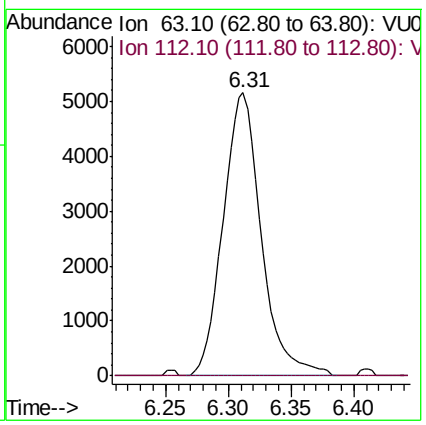


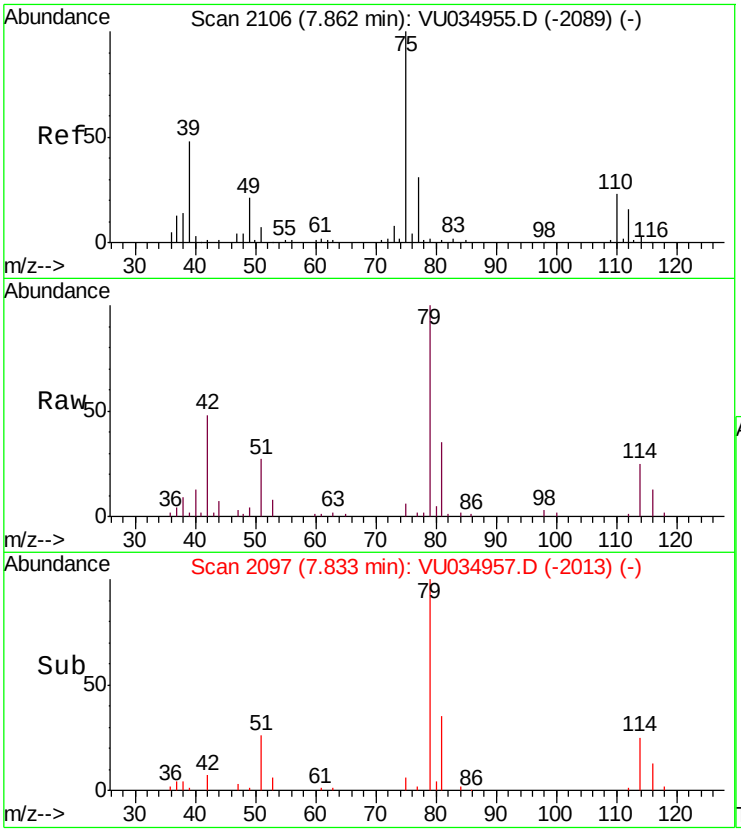


#37
1,2-Dichloropropane
Concen: 0.684 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034957.D
Acq: 07 Oct 2019 14:09

Tgt Ion: 63 Resp: 10902

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



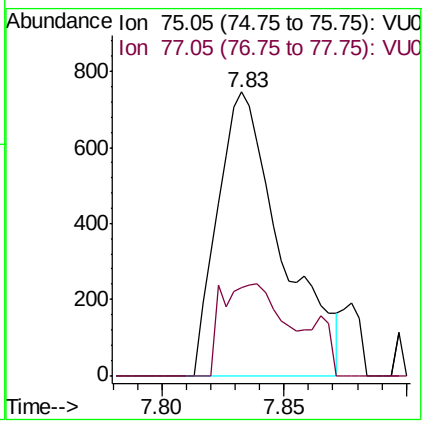


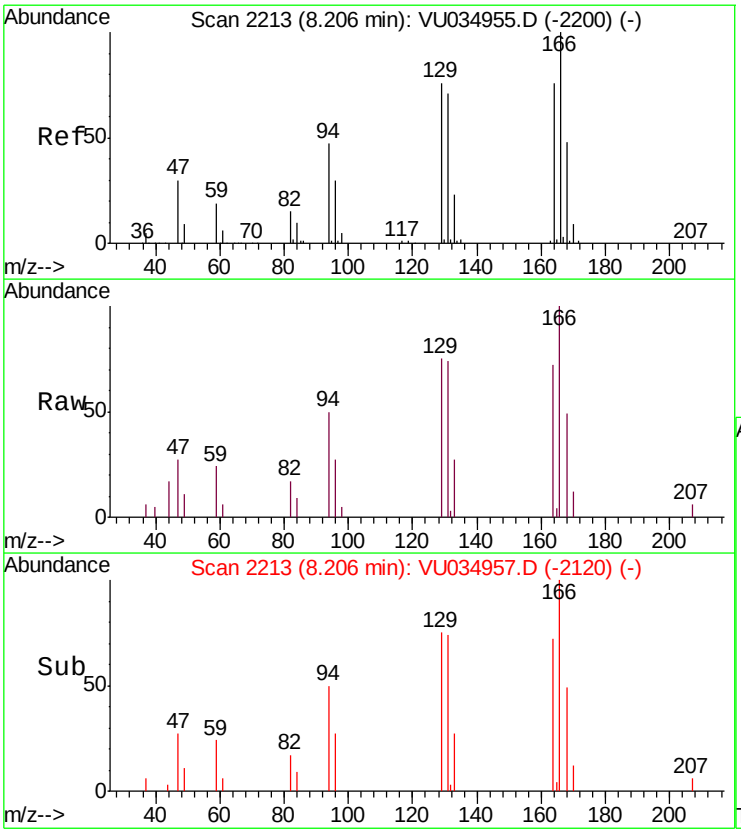
#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU034957.D
Acq: 07 Oct 2019 14:09

Instrument :
MSVOA_U
ClientSampleId :
C0K00

Tgt Ion: 75 Resp: 1354

Ion	Ratio	Lower	Upper
75	100		
77	30.8	22.4	41.6

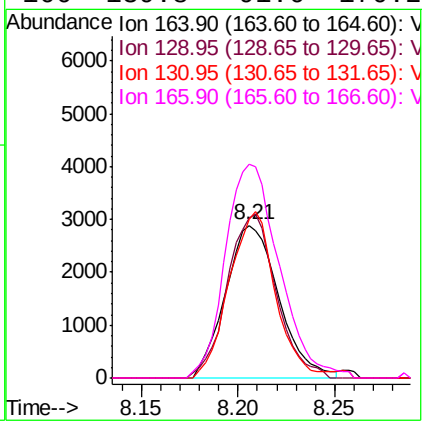


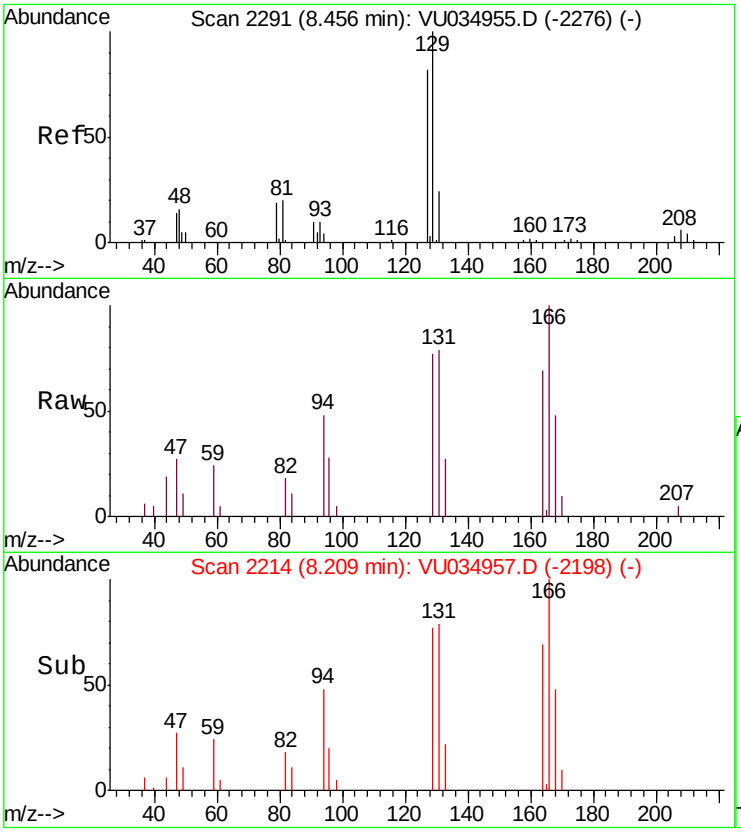


#47
Tetrachloroethene
Concen: 0.449 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU034957.D
Acq: 07 Oct 2019 14:09

Tgt Ion:164 Resp: 5540

Ion	Ratio	Lower	Upper
164	100		
129	104.5	66.5	123.5
131	104.0	63.3	117.7
166	139.8	91.6	170.2



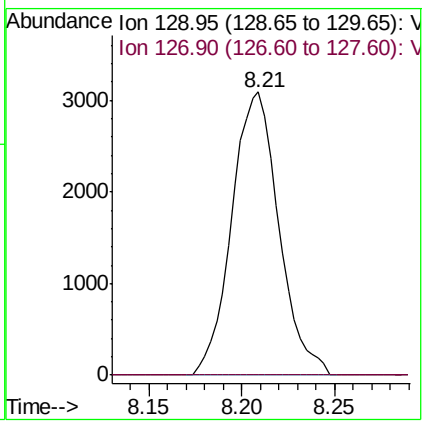


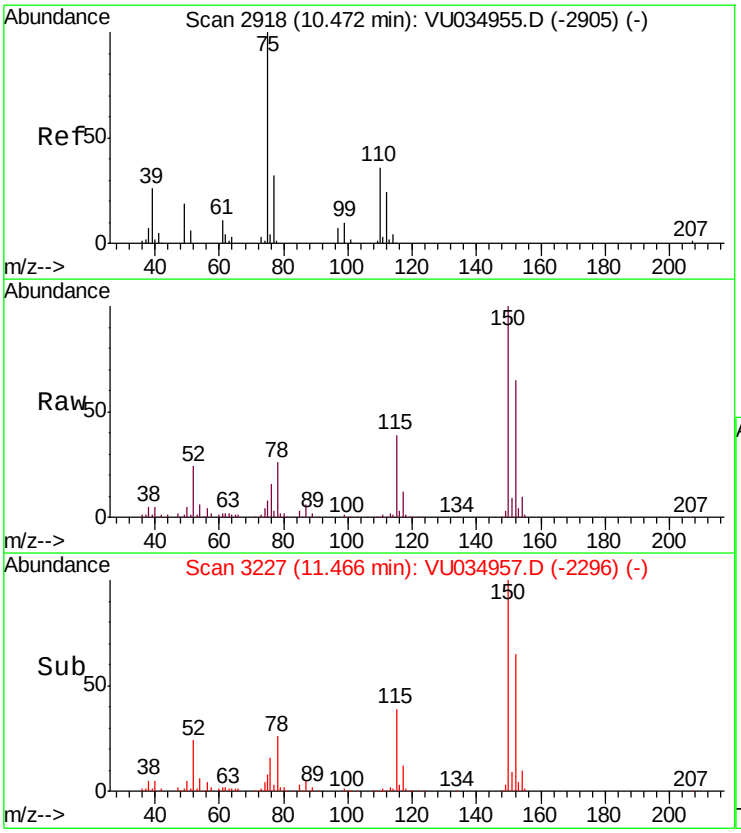
#49
Dibromochloromethane
Concen: 0.445 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU034957.D
Acq: 07 Oct 2019 14:09

Instrument :
MSVOA_U
ClientSampleId :
C0K00

Tgt Ion:129 Resp: 5449

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.2	95.0#





#59
1,2,3-Trichloropropane
Concen: 1.031 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU034957.D
Acq: 07 Oct 2019 14:09

Tgt Ion: 75 Resp: 10640

Ion	Ratio	Lower	Upper
75	100		
77	37.7	25.8	38.6