Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\

Quantitation Report (Not Reviewed)

Data File : VU034405.D
Acq On : 08 Sep 2019 01:52
Operator : JC/SP
Sample : K4703-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFD84

Quant Time: Sep 08 03:49:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Sep 08 03:44:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	263106	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	269218	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	121231	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	70274	3.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.40%			
7) Chloroethane-d5	1.68	69	65390	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	2.26	63	103668	3.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.40%			
20) 2-Butanone-d5	4.17	46	191550	46.79	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.58%			
24) Chloroform-d	4.63	84	151472	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.29	65	74414	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.32	84	307739	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
36) 1,2-Dichloropropane-d6	6.31	67	101818	4.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.40%			
41) Toluene-d8	7.55	98	260970	3.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.40%			
43) trans-1,3-Dichloropropene-	7.84	79	31471	4.06	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.20%			
46) 2-Hexanone-d5	8.30	63	136622	40.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.32%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	80843	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.80%			
64) 1,2-Dichlorobenzene-d4	11.84	152	109473	5.25	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.00%			
Target Compounds						Qvalue
13) Acetone	2.32	43	6633	2.420	ug/L	96
35) Methylcyclohexane	6.31	83	23690	0.681	ug/L #	19
37) 1,2-Dichloropropane	6.31	63	10420	0.497	ug/L #	91
47) Tetrachloroethene	8.21	164	4449	0.258	ug/L	88
48) 2-Hexanone	8.30	43	14831	1.830	ug/L #	76
49) Dibromochloromethane	8.21	129	4026	0.252	ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	12522	1.042	ug/L	90

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

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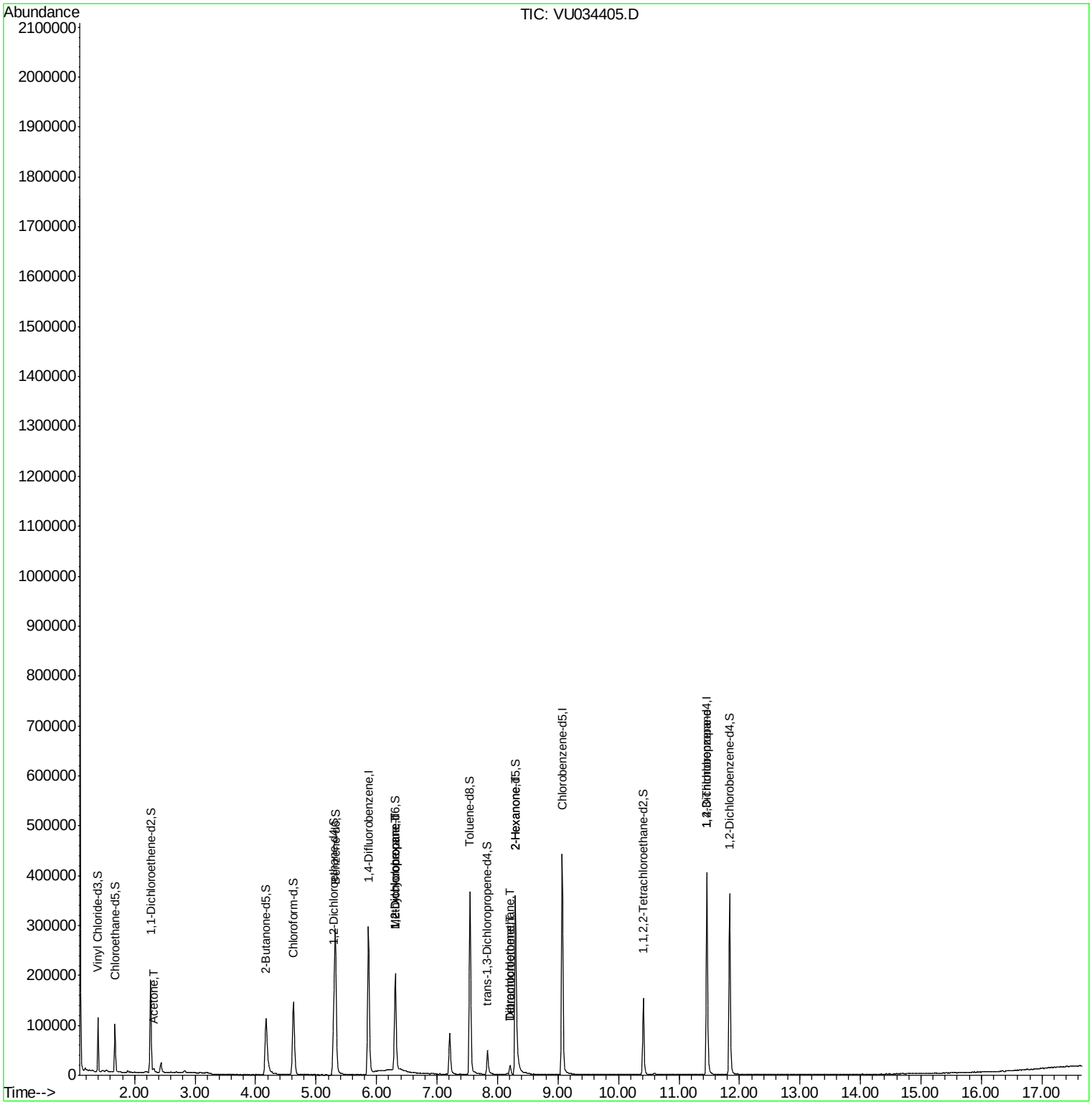
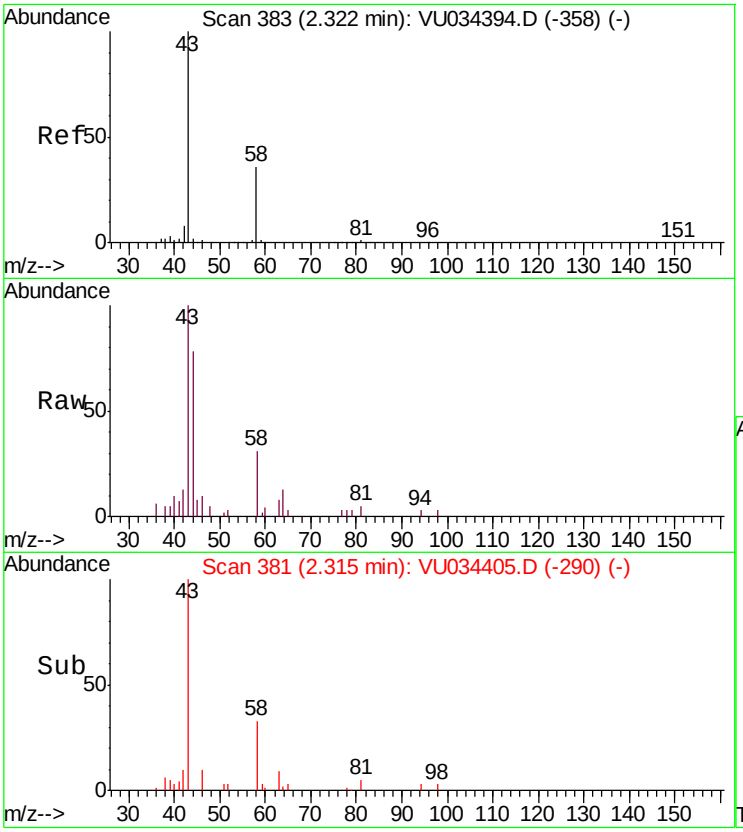


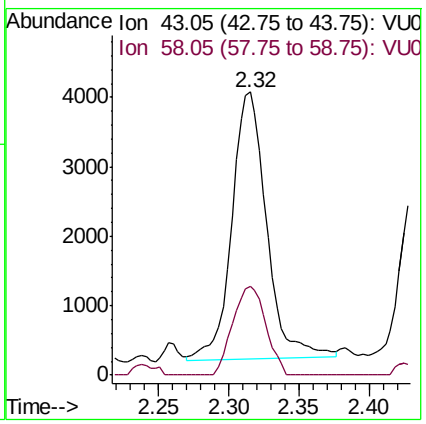


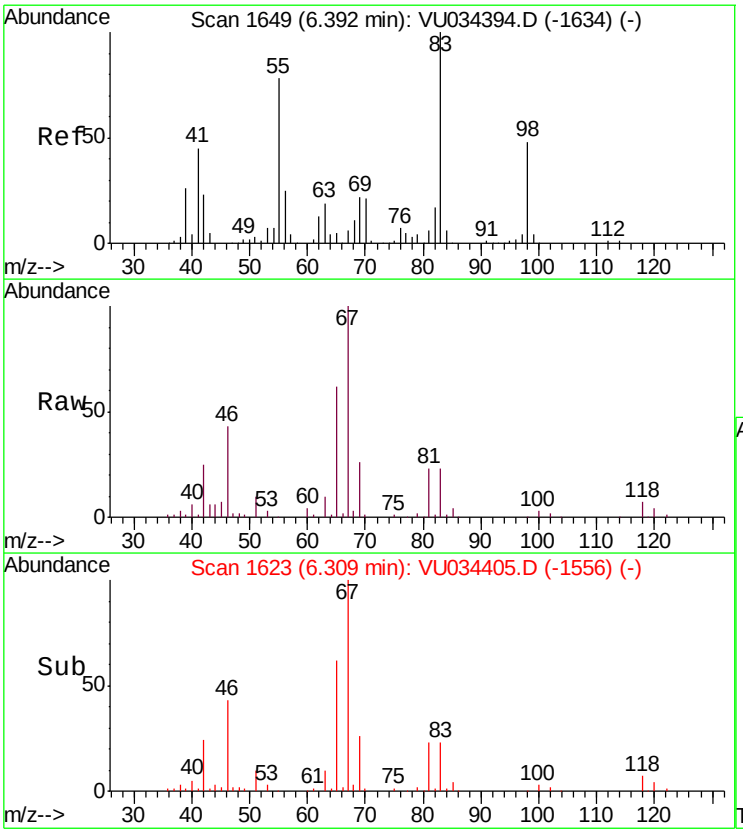
#13
Acetone
Concen: 2.420 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.01 min
Lab File: VU034405.D
Acq: 08 Sep 2019 01:52

Instrument :
MSVOA_U
ClientSampleId :
BFD84

Tgt Ion: 43 Resp: 6633

Ion	Ratio	Lower	Upper
43	100		
58	31.6	0.0	67.6

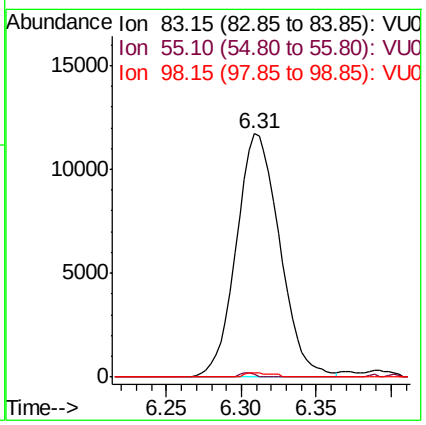


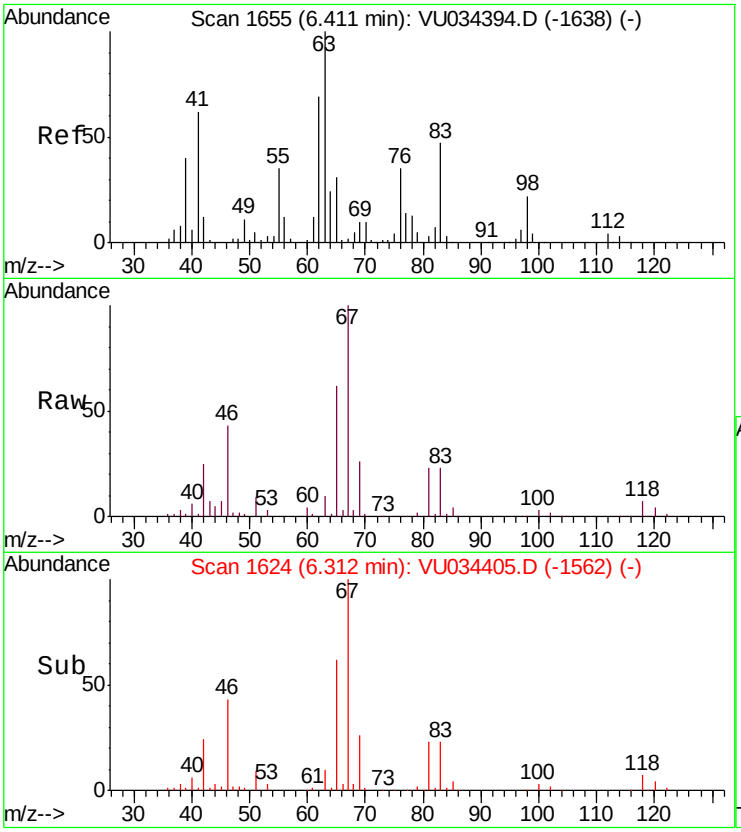


#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034405.D
Acq: 08 Sep 2019 01:52

Tgt Ion: 83 Resp: 23690

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.6	94.0#
98	1.1	36.2	54.2#



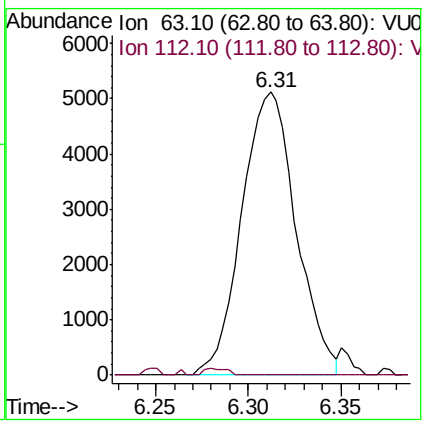


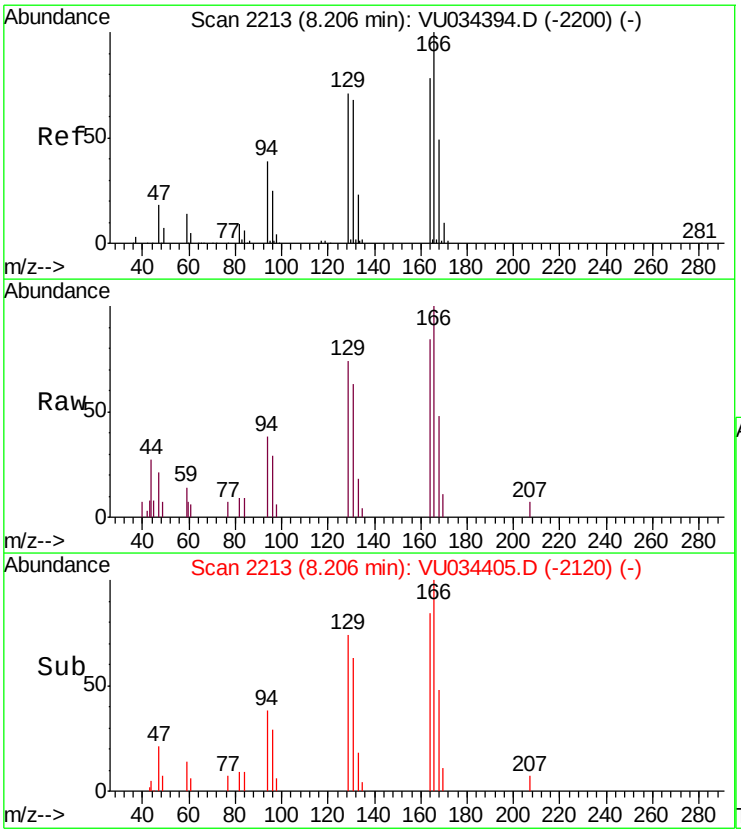
#37
1,2-Dichloropropane
Concen: 0.497 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU034405.D
Acq: 08 Sep 2019 01:52

Instrument : MSVOA_U
ClientSampleId : BFD84

Tgt Ion: 63 Resp: 10420

Ion	Ratio	Lower	Upper
63	100		
112	1.0	3.3	4.9#

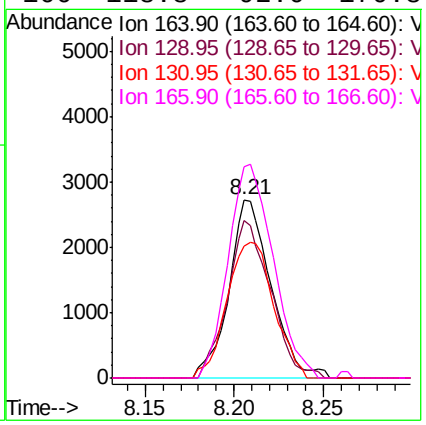


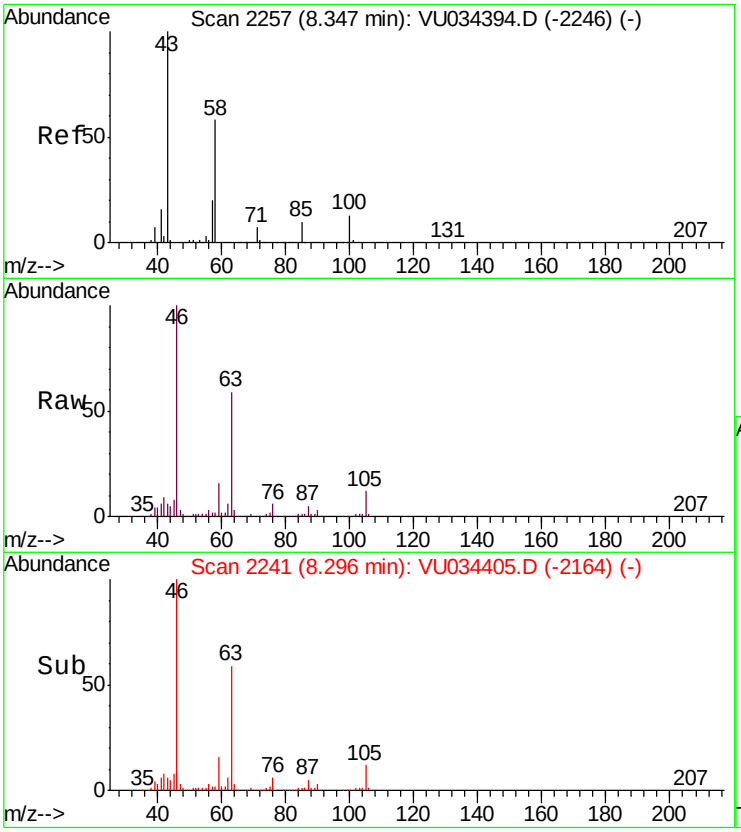


#47
Tetrachloroethene
Concen: 0.258 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034405.D
Acq: 08 Sep 2019 01:52

Tgt Ion:164 Resp: 4449

Ion	Ratio	Lower	Upper
164	100		
129	88.5	68.0	126.2
131	74.3	64.6	120.0
166	118.8	92.0	170.8



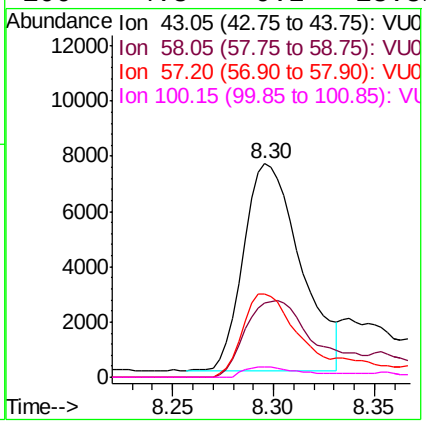


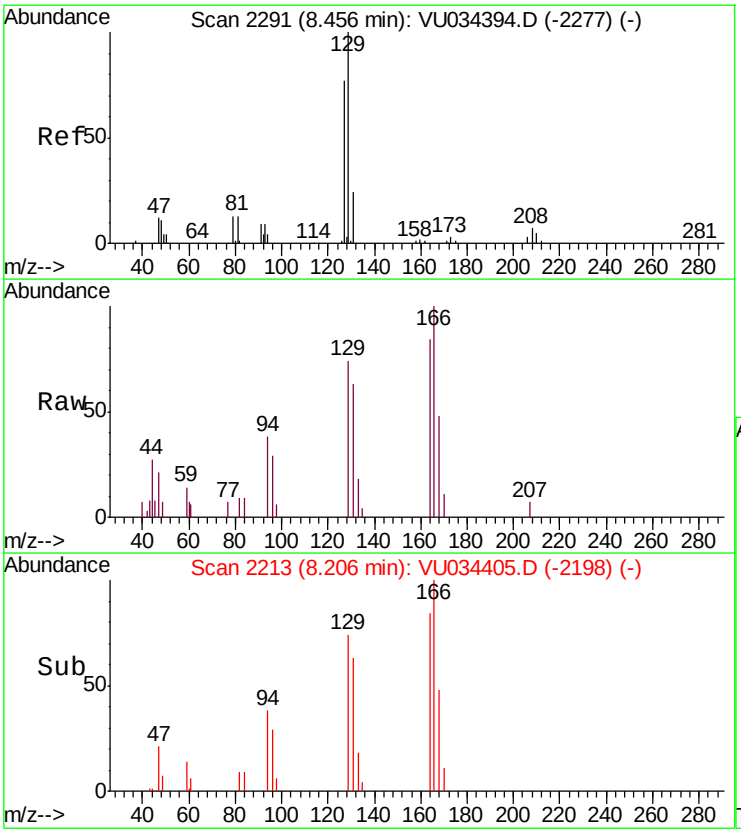
#48
2-Hexanone
Concen: 1.830 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU034405.D
Acq: 08 Sep 2019 01:52

Instrument : MSVOA_U
ClientSampleId : BFD84

Tgt Ion: 43 Resp: 14831

Ion	Ratio	Lower	Upper
43	100		
58	46.7	44.9	67.3
57	45.4	15.0	22.6#
100	4.8	9.2	13.8#

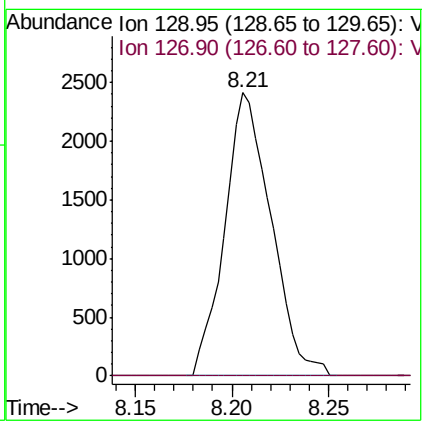


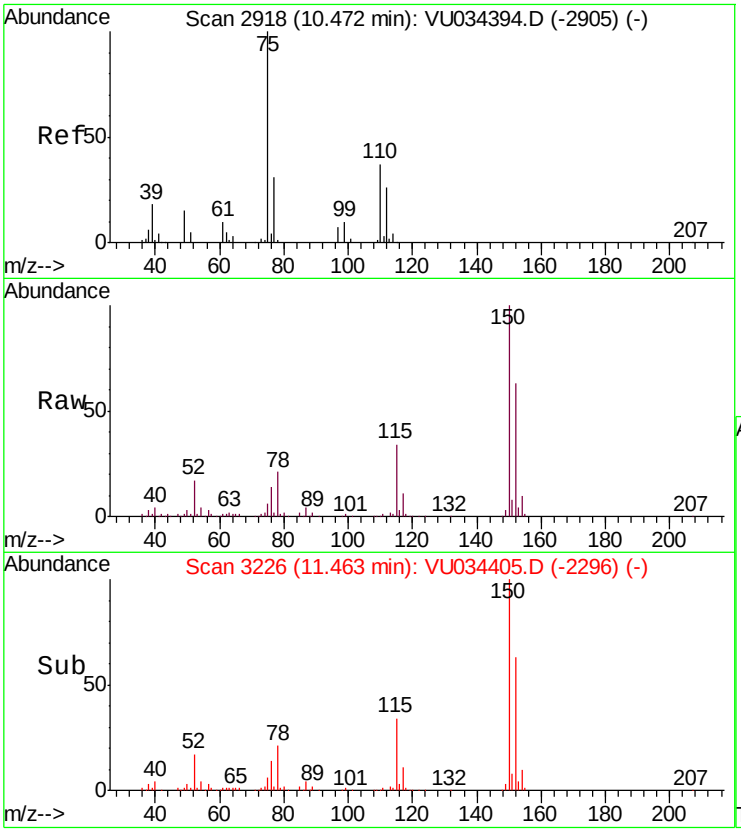


#49
Dibromochloromethane
Concen: 0.252 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU034405.D
Acq: 08 Sep 2019 01:52

Tgt Ion:129 Resp: 4026

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#59
1,2,3-Trichloropropane
Concen: 1.042 ug/L
RT: 11.46 min Scan# 3226
Delta R.T. 0.99 min
Lab File: VU034405.D
Acq: 08 Sep 2019 01:52

Instrument :
MSVOA_U
ClientSampleId :
BFD84

Tgt Ion: 75 Resp: 12522

Ion	Ratio	Lower	Upper
75	100		
77	37.8	26.0	39.0