Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031219\

Quantitation Report (Not Reviewed)

Data File : VU029955.D
Acq On : 10 Mar 2019 17:35
Operator : JC/SP
Sample : K1818-19DL 5X
Misc : 5.65g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0R9DL

Quant Time: Mar 11 07:15:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 07:10:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	560733	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	573824	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	280813	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	142062	41.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.04%			
7) Chloroethane-d5	1.64	69	111433	38.74	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.48%			
11) 1,1-Dichloroethene-d2	2.26	63	200849	31.15	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.30%			
21) 2-Butanone-d5	4.17	46	245147	92.49	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.49%			
24) Chloroform-d	4.64	84	272011	40.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.70%			
26) 1,2-Dichloroethane-d4	5.30	65	167231	42.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.74%			
32) Benzene-d6	5.33	84	593039	41.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.94%			
36) 1,2-Dichloropropane-d6	6.32	67	181542	42.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.06%			
41) Toluene-d8	7.56	98	566789	41.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.62%			
43) trans-1,3-Dichloropropene-	7.85	79	83705	40.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.10%			
47) 2-Hexanone-d5	8.31	63	207068	89.10	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.10%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	311204	45.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.26%			
64) 1,2-Dichlorobenzene-d4	11.86	152	241636	43.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.74%			

Target Compounds						Qvalue
3) Chloromethane	1.32	50	19046	3.365	ug/L	99
6) Bromomethane	1.60	94	1162	1.000	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	2296	0.642	ug/L #	19
44) trans-1,3-Dichloropropene	7.85	75	3241	0.598	ug/L	84
46) Tetrachloroethene	8.23	164	1560	0.438	ug/L	91
48) 2-Hexanone	8.37	43	5518	1.225	ug/L #	95
59) 1,2,3-Trichloropropane	11.48	75	27584	5.209	ug/L	94

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

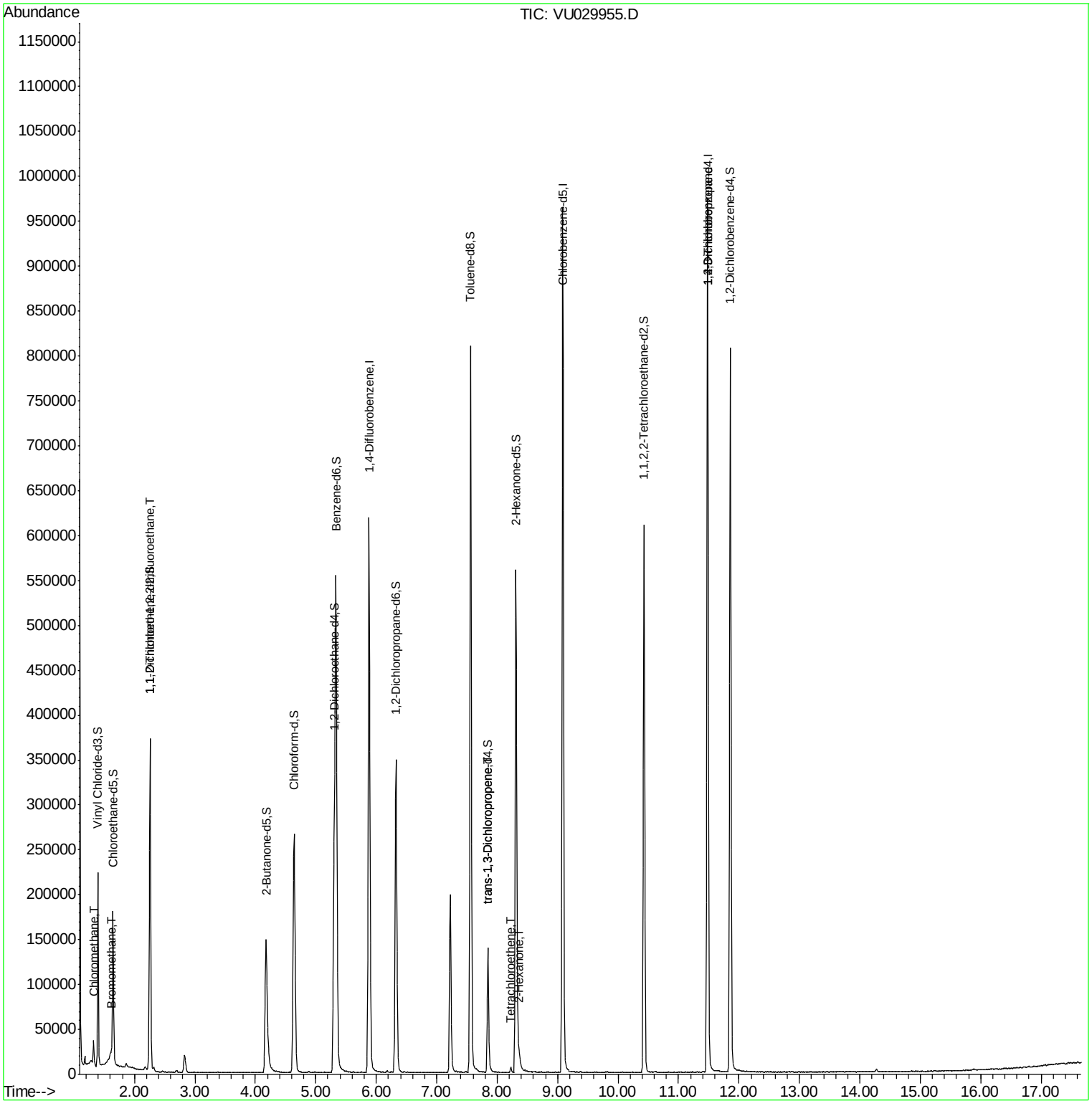
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031219\

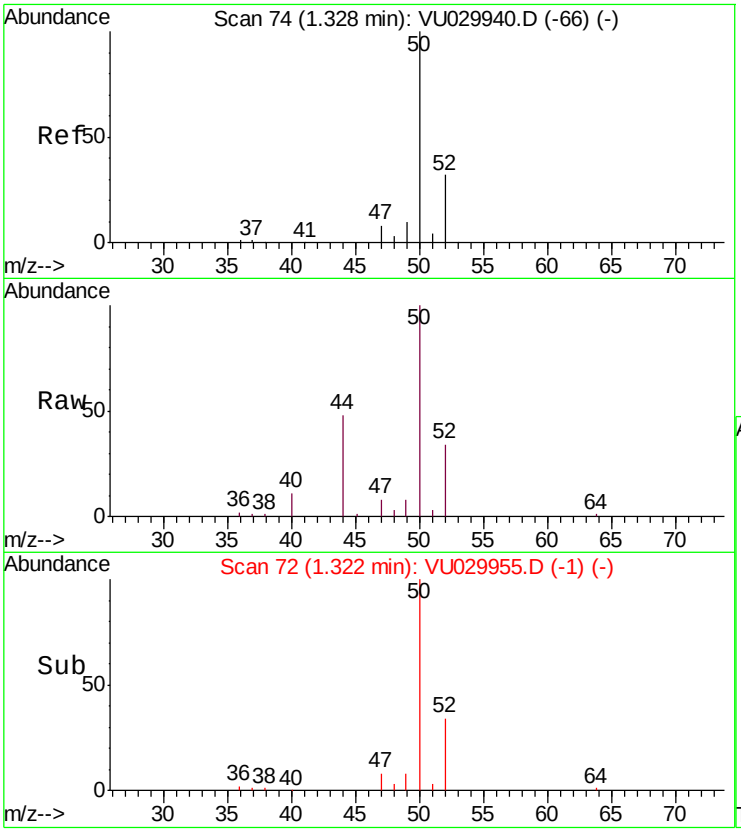
Quantitation Report (Not Reviewed)

Data File : VU029955.D
Acq On : 10 Mar 2019 17:35
Operator : JC/SP
Sample : K1818-19DL 5X
Misc : 5.65g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0R9DL

Quant Time: Mar 11 07:15:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 07:10:15 2019
Response via : Initial Calibration



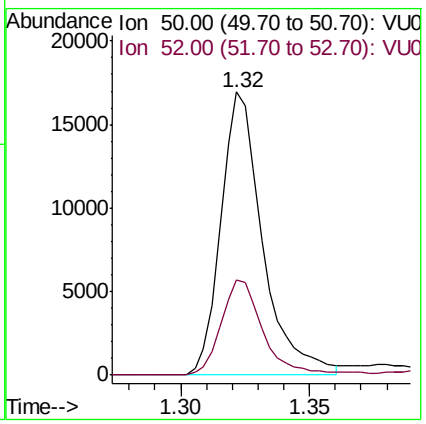


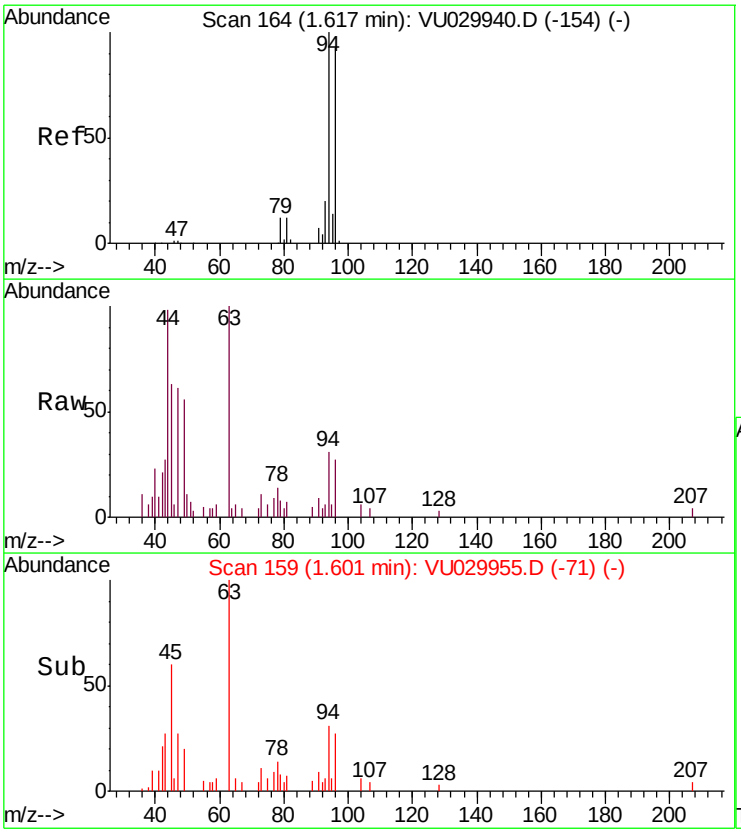
#3
Chloromethane
Concen: 3.365 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.01 min
Lab File: VU029955.D
Acq: 10 Mar 2019 17:35

Instrument :
MSVOA_U
ClientSampleId :
BF0R9DL

Tgt Ion: 50 Resp: 19046

Ion	Ratio	Lower	Upper
50	100		
52	33.5	23.1	42.9

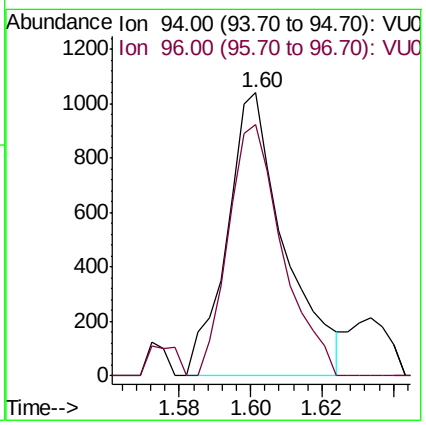


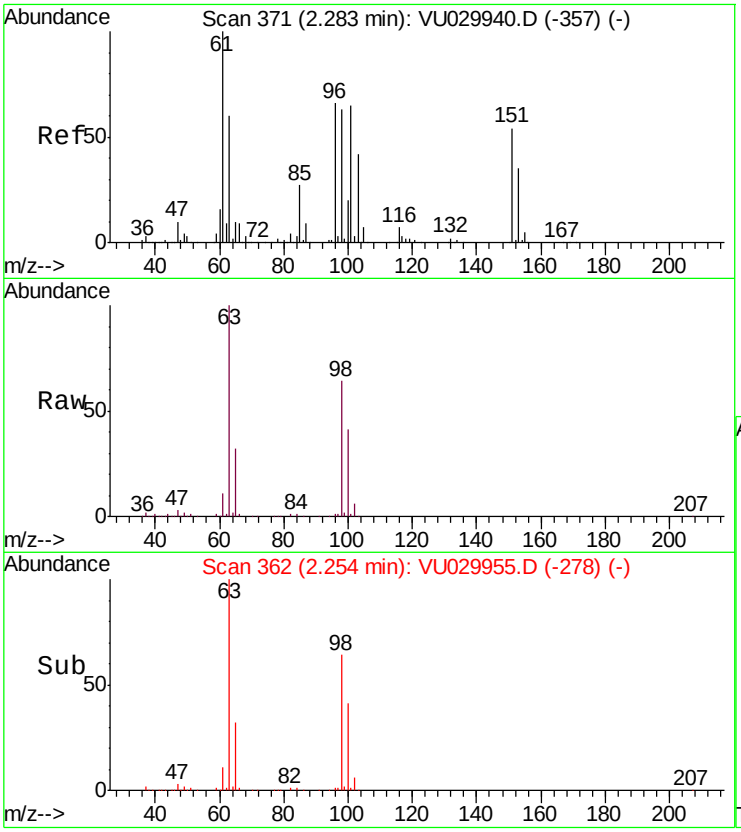


#6
Bromomethane
Concen: 1.000 ug/L
RT: 1.60 min Scan# 159
Delta R.T. -0.02 min
Lab File: VU029955.D
Acq: 10 Mar 2019 17:35

Tgt Ion: 94 Resp: 1162

Ion	Ratio	Lower	Upper
94	100		
96	88.9	65.7	121.9



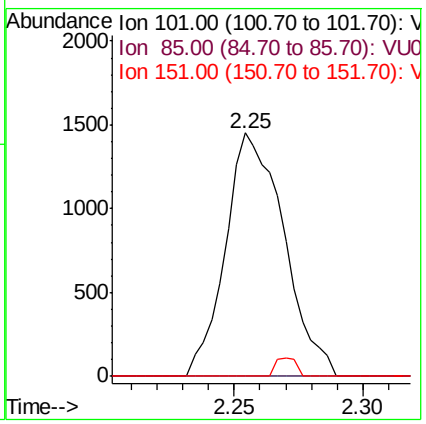


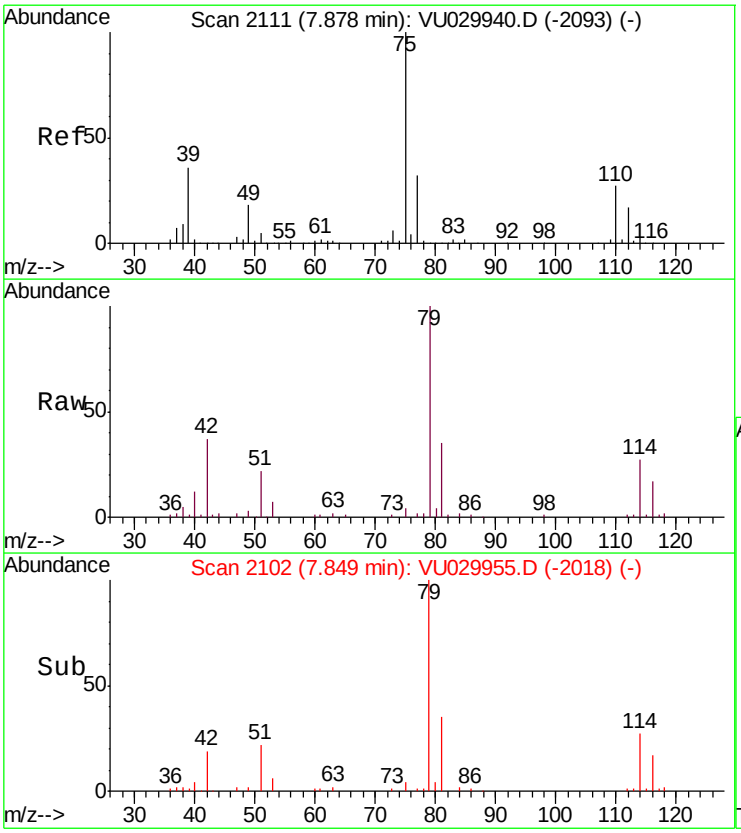
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.642 ug/L
RT: 2.25 min Scan# 362
Delta R.T. -0.03 min
Lab File: VU029955.D
Acq: 10 Mar 2019 17:35

Instrument :
MSVOA_U
ClientSampleId :
BF0R9DL

Tgt Ion:101 Resp: 2296

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.4	50.2#
151	2.6	65.8	98.6#

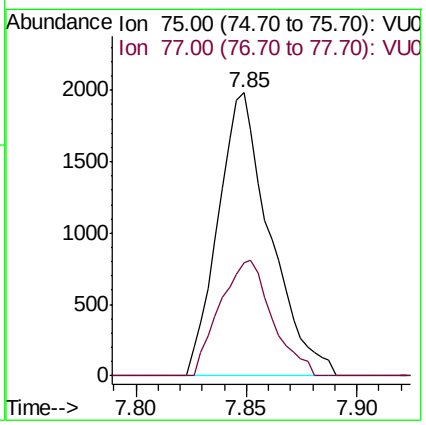


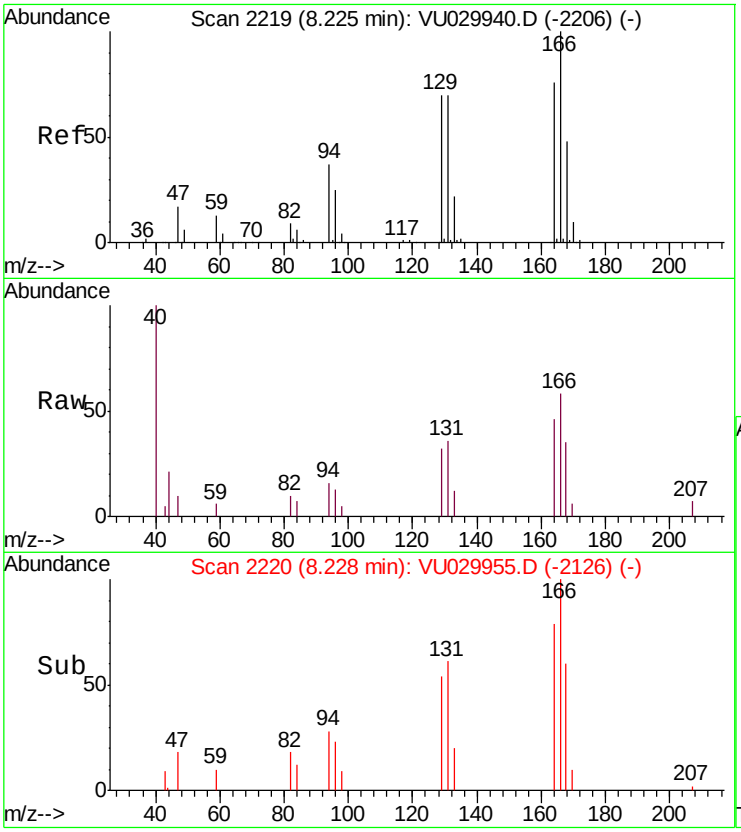


#44
trans-1,3-Dichloropropene
Concen: 0.598 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029955.D
Acq: 10 Mar 2019 17:35

Tgt Ion: 75 Resp: 3241

Ion	Ratio	Lower	Upper
75	100		
77	40.0	21.8	40.6



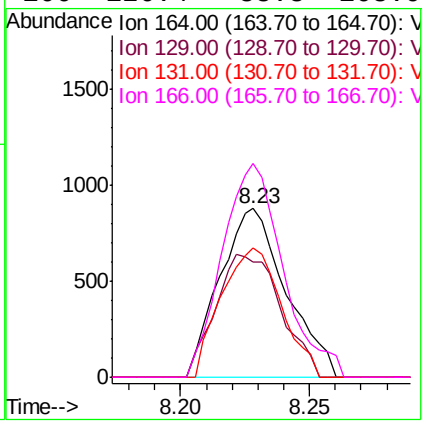


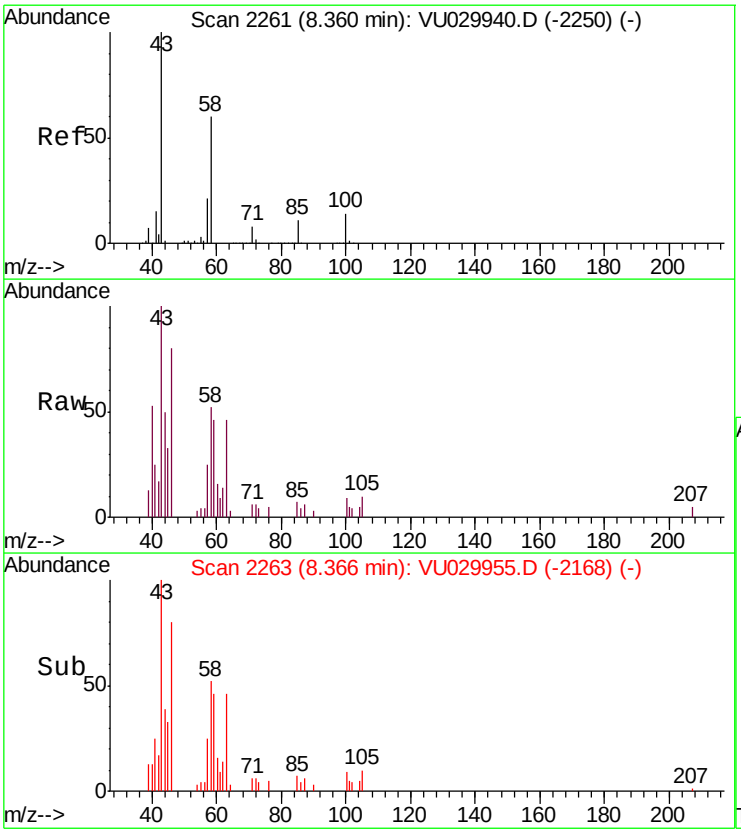
#46
Tetrachloroethene
Concen: 0.438 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VU029955.D
Acq: 10 Mar 2019 17:35

Instrument : MSVOA_U
ClientSampleId : BF0R9DL

Tgt Ion:164 Resp: 1560

Ion	Ratio	Lower	Upper
164	100		
129	68.5	61.0	113.2
131	76.8	60.5	112.3
166	126.4	88.3	163.9

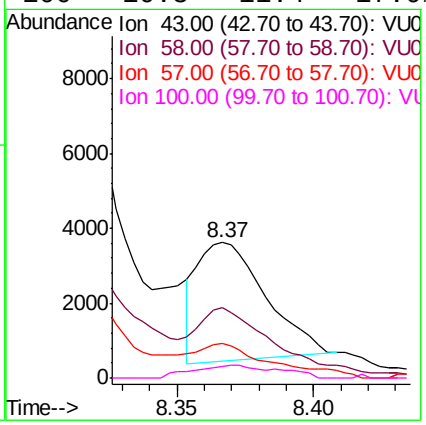


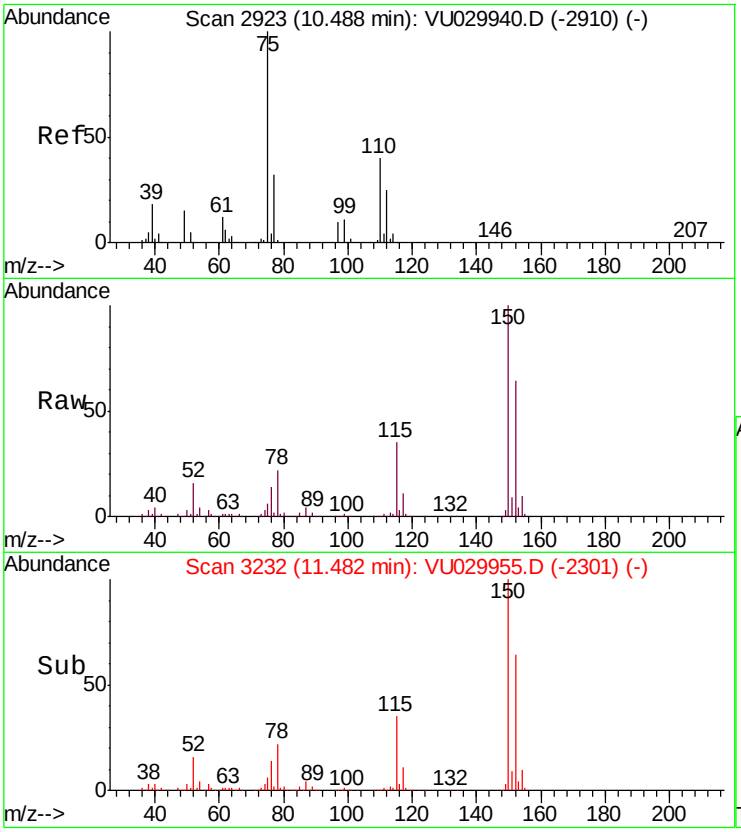


#48
2-Hexanone
Concen: 1.225 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU029955.D
Acq: 10 Mar 2019 17:35

Tgt Ion: 43 Resp: 5518

Ion	Ratio	Lower	Upper
43	100		
58	63.5	49.2	73.8
57	16.9	16.6	25.0
100	10.3	11.4	17.0#





#59
1,2,3-Trichloropropane
Concen: 5.209 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029955.D
Acq: 10 Mar 2019 17:35

Instrument :
MSVOA_U
ClientSampleId :
BF0R9DL

Tgt Ion: 75 Resp: 27584

Ion	Ratio	Lower	Upper
75	100		
77	36.2	26.1	39.1