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

Quantitation Report (Not Reviewed)

Data File : VU029957.D
Acq On : 10 Mar 2019 18:21
Operator : JC/SP
Sample : K1818-04ME
Misc : 5.59g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF2K9ME

Quant Time: Mar 11 07:15:51 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	598093	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	586515	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	297601	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	143151	39.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.46%			
7) Chloroethane-d5	1.71	69	133	0.04	ug/L	0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.08%#			
11) 1,1-Dichloroethene-d2	2.23	63	208973	30.38	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.76%			
21) 2-Butanone-d5	4.19	46	251874	89.09	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.09%			
24) Chloroform-d	4.64	84	285604	40.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.44%			
26) 1,2-Dichloroethane-d4	5.30	65	178562	42.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.82%			
32) Benzene-d6	5.33	84	627660	42.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.90%			
36) 1,2-Dichloropropane-d6	6.32	67	192850	43.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.36%			
41) Toluene-d8	7.56	98	588328	41.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.90%			
43) trans-1,3-Dichloropropene-	7.85	79	87478	40.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.90%			
47) 2-Hexanone-d5	8.32	63	220098	92.66	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.66%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	322669	46.29	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.58%			
64) 1,2-Dichlorobenzene-d4	11.86	152	252284	43.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.44%			

Target Compounds						Qvalue
3) Chloromethane	1.32	50	48129	7.972	ug/L	99
6) Bromomethane	1.60	94	3014	2.431	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2253	0.591	ug/L #	17
39) cis-1,3-Dichloropropene	7.22	75	4957	0.798	ug/L	87
46) Tetrachloroethene	8.22	164	47118	12.957	ug/L	95
48) 2-Hexanone	8.32	43	23555	5.118	ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	29652	5.479	ug/L	94

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

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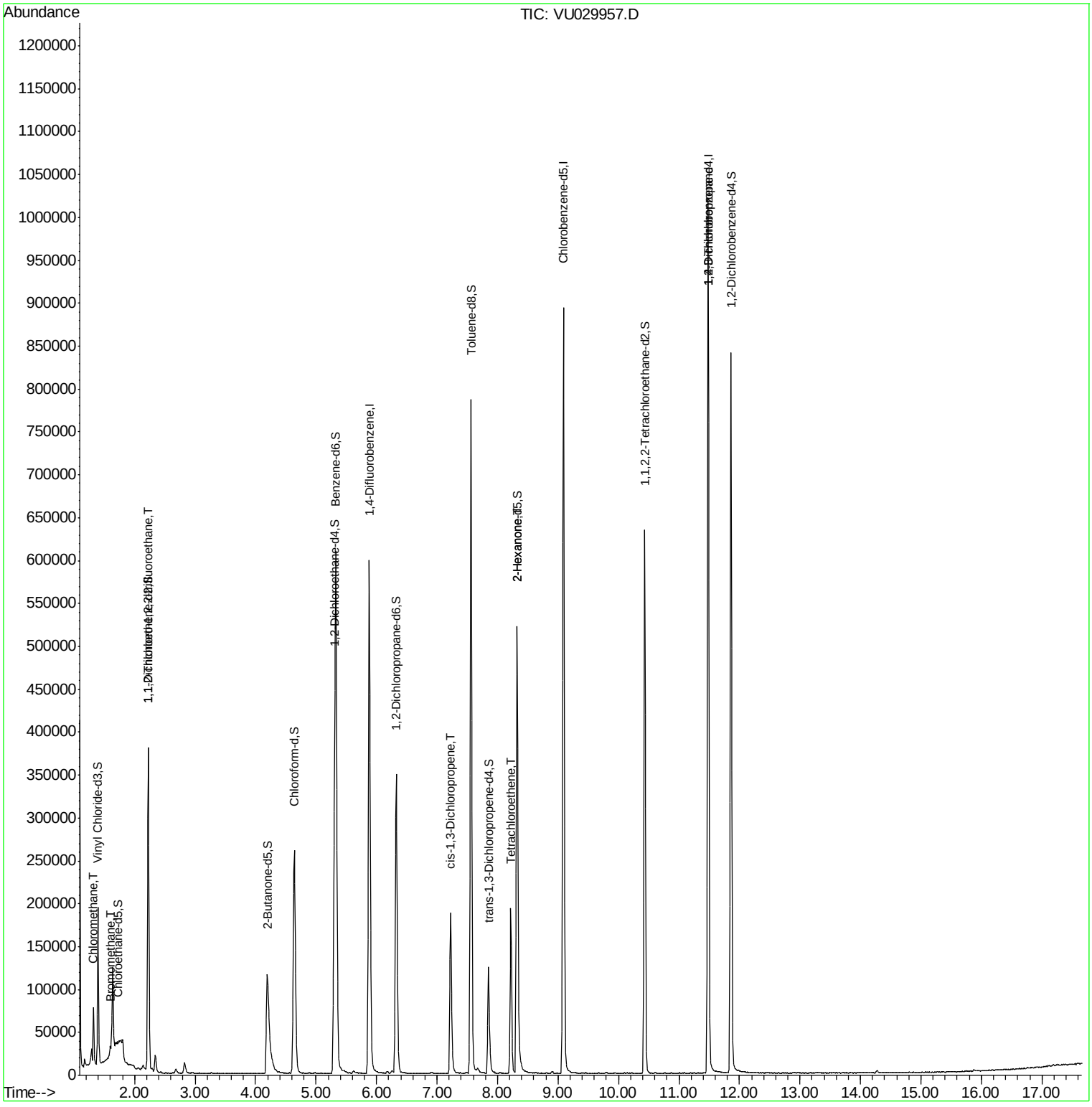
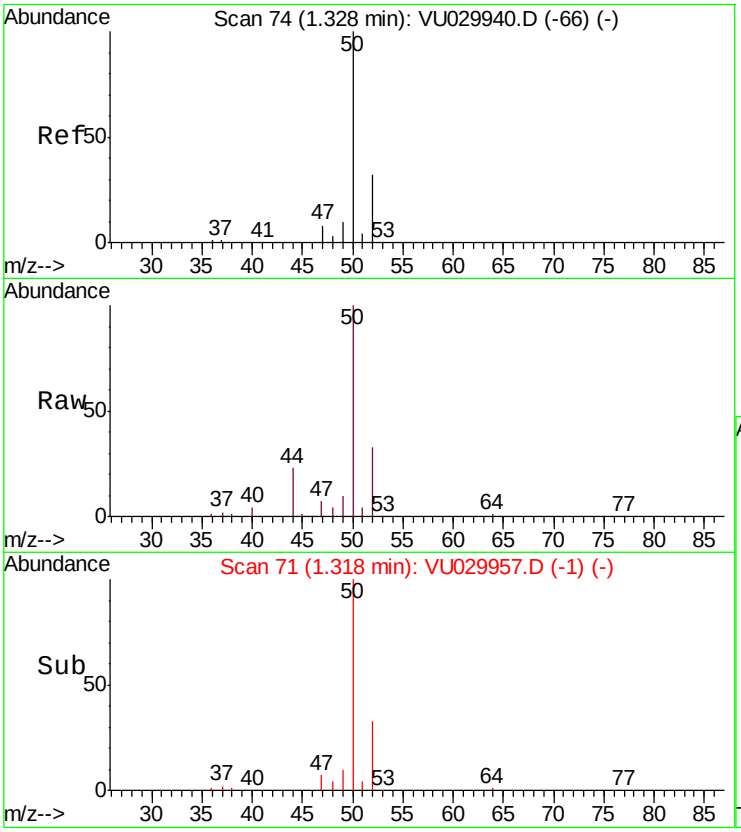
Instrument : MSVOA_U
ClientSampleId : BF2K9ME

Quant Time: Mar 11 07:15:51 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



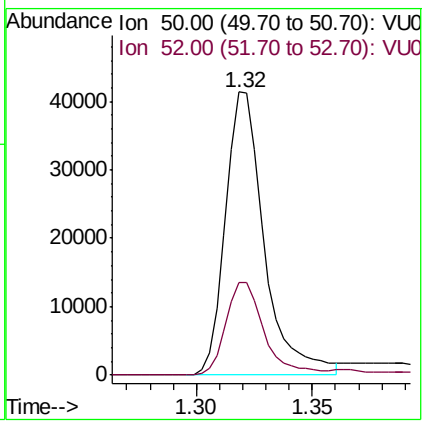


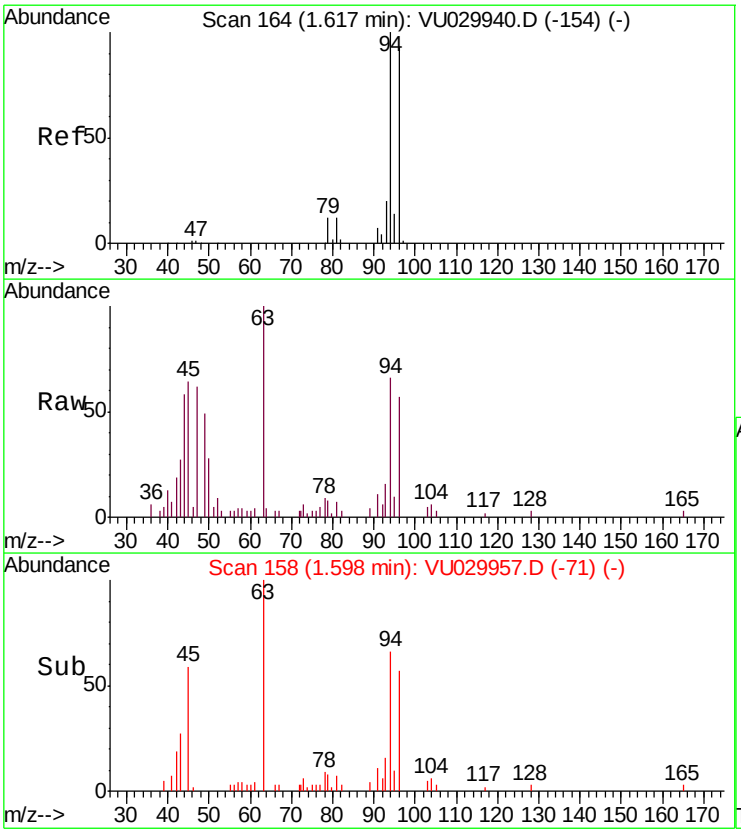
#3
Chloromethane
Concen: 7.972 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.01 min
Lab File: VU029957.D
Acq: 10 Mar 2019 18:21

Instrument :
MSVOA_U
ClientSampleId :
BF2K9ME

Tgt Ion: 50 Resp: 48129

Ion	Ratio	Lower	Upper
50	100		
52	32.7	23.1	42.9

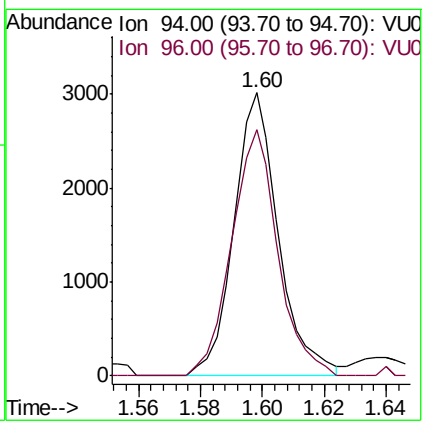


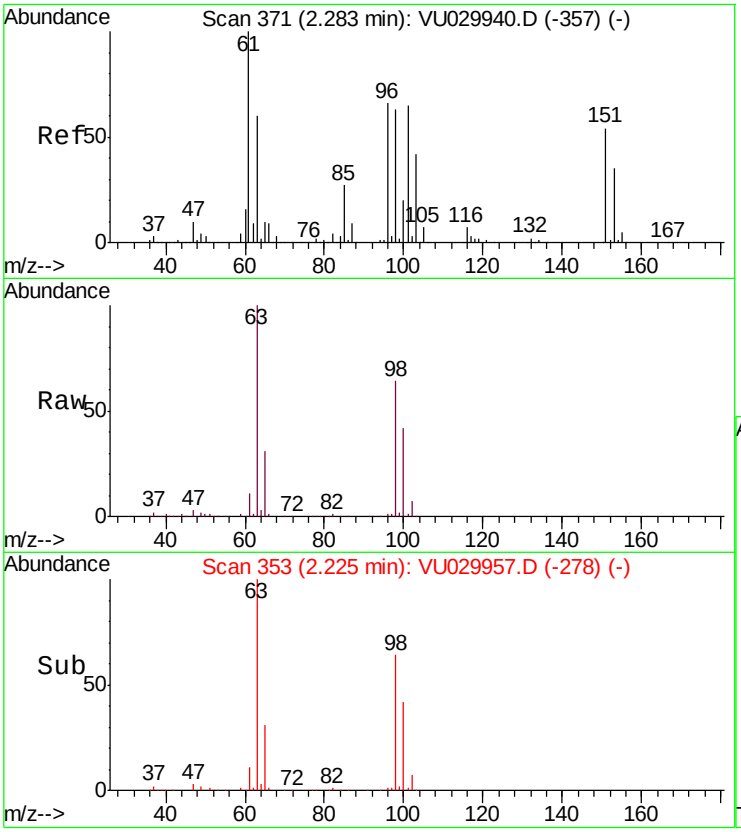


#6
Bromomethane
Concen: 2.431 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.02 min
Lab File: VU029957.D
Acq: 10 Mar 2019 18:21

Tgt Ion: 94 Resp: 3014

Ion	Ratio	Lower	Upper
94	100		
96	86.9	65.7	121.9



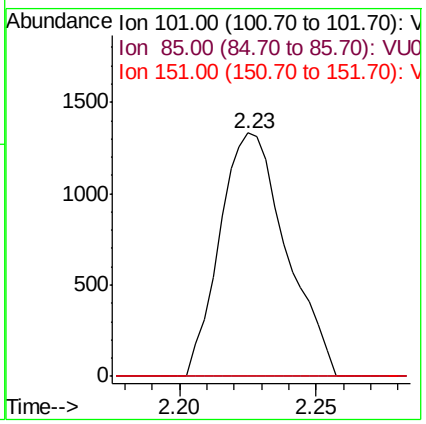


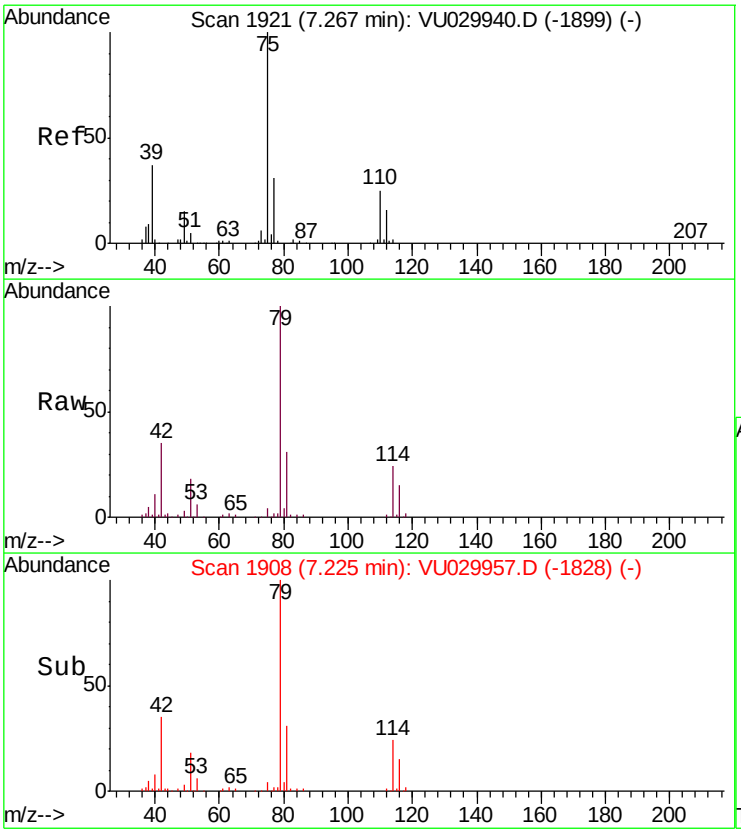
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.591 ug/L
RT: 2.23 min Scan# 353
Delta R.T. -0.06 min
Lab File: VU029957.D
Acq: 10 Mar 2019 18:21

Instrument :
MSVOA_U
ClientSampleId :
BF2K9ME

Tgt Ion:101 Resp: 2253

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

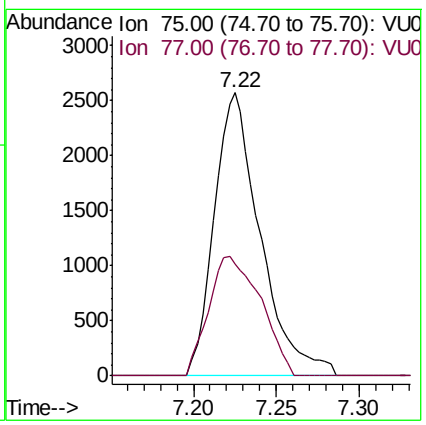


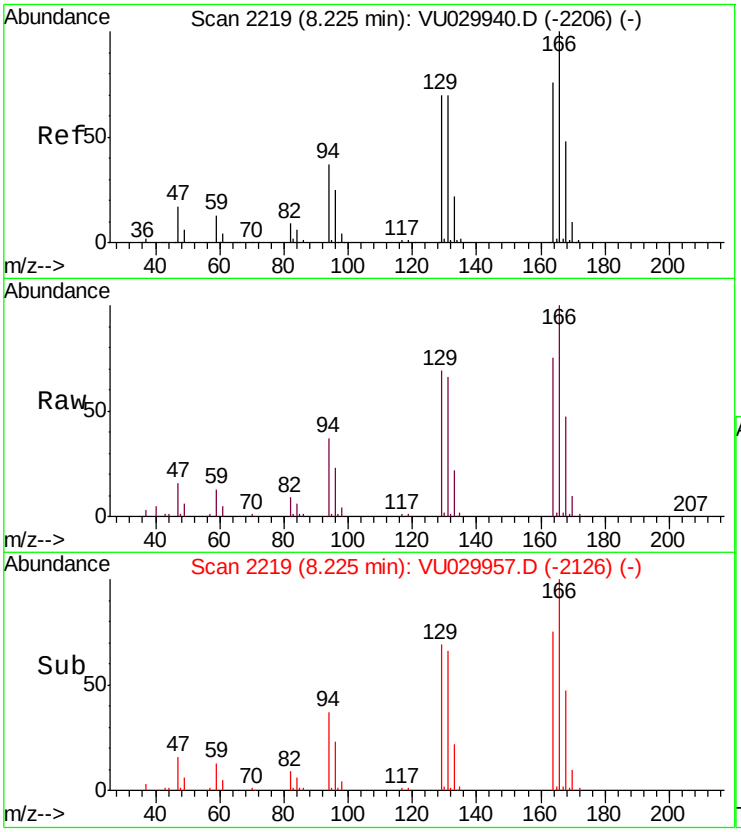


#39
cis-1,3-Dichloropropene
Concen: 0.798 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029957.D
Acq: 10 Mar 2019 18:21

Tgt Ion: 75 Resp: 4957

Ion	Ratio	Lower	Upper
75	100		
77	39.5	22.5	41.9



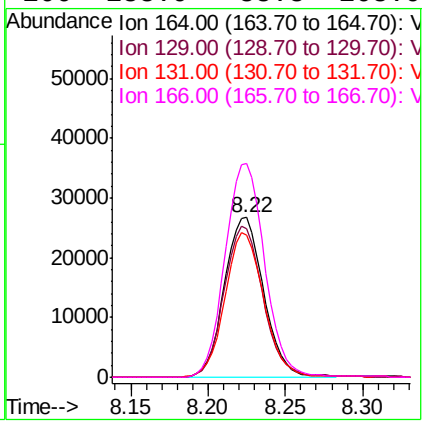


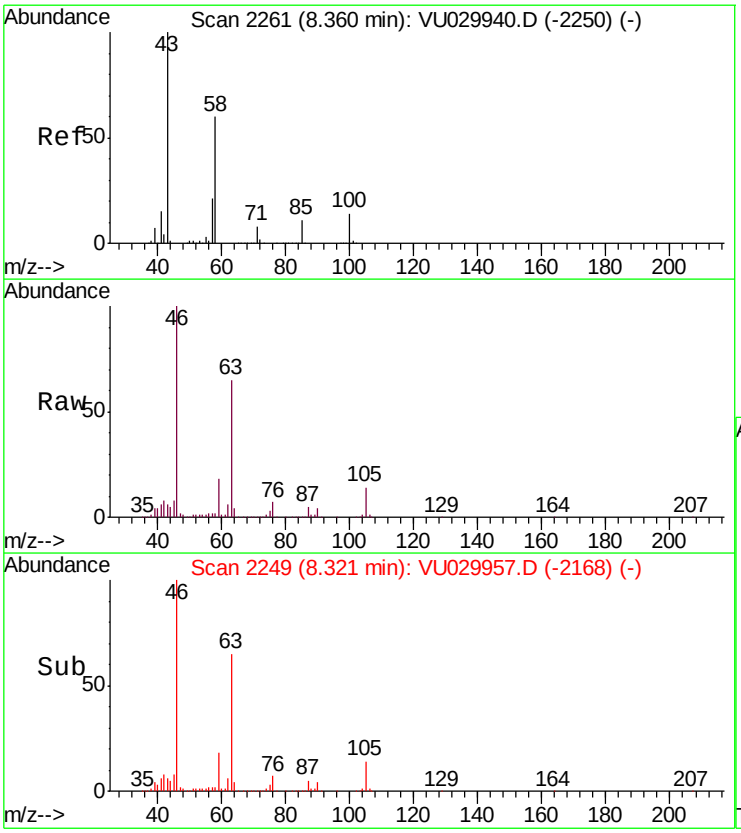
#46
Tetrachloroethene
Concen: 12.957 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU029957.D
Acq: 10 Mar 2019 18:21

Instrument : MSVOA_U
ClientSampleId : BF2K9ME

Tgt Ion:164 Resp: 47118

Ion	Ratio	Lower	Upper
164	100		
129	92.9	61.0	113.2
131	88.9	60.5	112.3
166	133.9	88.3	163.9

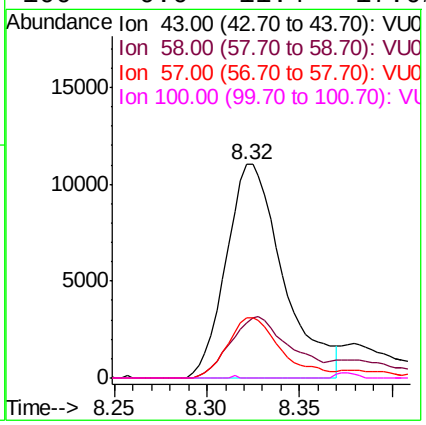


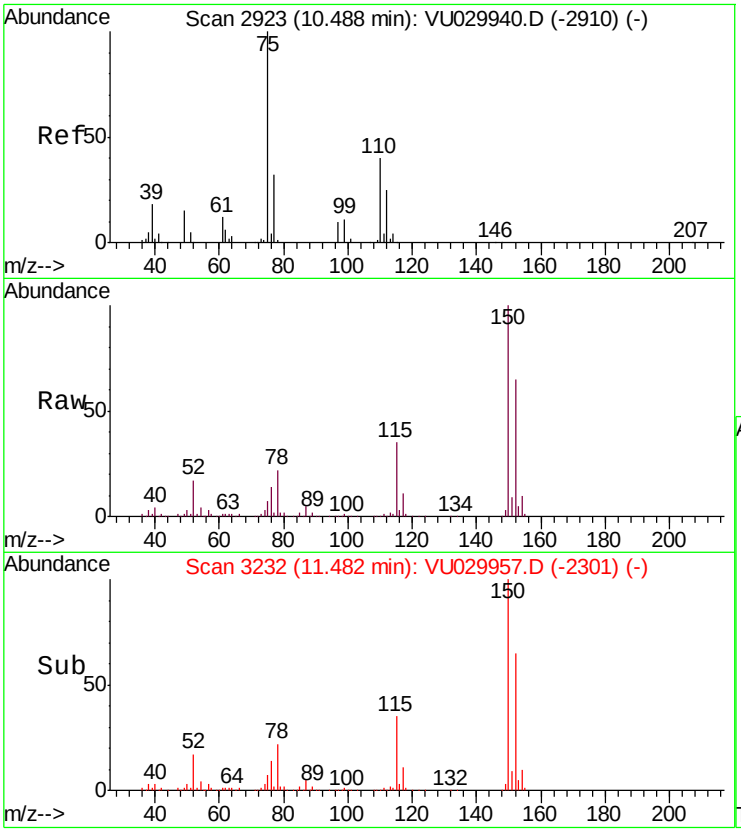


#48
2-Hexanone
Concen: 5.118 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU029957.D
Acq: 10 Mar 2019 18:21

Tgt Ion: 43 Resp: 23555

Ion	Ratio	Lower	Upper
43	100		
58	30.1	49.2	73.8#
57	26.3	16.6	25.0#
100	0.0	11.4	17.0#





#59
1,2,3-Trichloropropane
Concen: 5.479 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029957.D
Acq: 10 Mar 2019 18:21

Instrument :
MSVOA_U
ClientSampleId :
BF2K9ME

Tgt Ion: 75 Resp: 29652

Ion	Ratio	Lower	Upper
75	100		
77	36.1	26.1	39.1