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

Quantitation Report (Not Reviewed)

Data File : VU029952.D
Acq On : 10 Mar 2019 16:25
Operator : JC/SP
Sample : K1818-16
Misc : 5.56g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0R6

Quant Time: Mar 11 07:15:05 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	602004	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	593750	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	297649	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	147607	40.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.38%			
7) Chloroethane-d5	1.70	69	378	0.12	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.24%#			
11) 1,1-Dichloroethene-d2	2.23	63	216690	31.30	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.60%			
21) 2-Butanone-d5	4.20	46	255515	89.79	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.79%			
24) Chloroform-d	4.64	84	288745	40.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.78%			
26) 1,2-Dichloroethane-d4	5.30	65	176870	42.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.46%			
32) Benzene-d6	5.33	84	634353	42.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.74%			
36) 1,2-Dichloropropane-d6	6.32	67	193653	43.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.66%			
41) Toluene-d8	7.56	98	597103	42.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.12%			
43) trans-1,3-Dichloropropene-	7.85	79	88886	41.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.20%			
47) 2-Hexanone-d5	8.32	63	223440	92.92	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.92%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	318618	45.15	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.30%			
64) 1,2-Dichlorobenzene-d4	11.86	152	251636	43.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.20%			

Target Compounds						Qvalue
3) Chloromethane	1.32	50	52176	8.586	ug/L	99
6) Bromomethane	1.59	94	2939	2.355	ug/L	78
12) 1,1-Dichloroethene	2.22	96	2196	0.590	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3620	0.646	ug/L #	78
46) Tetrachloroethene	8.22	164	38144	10.361	ug/L	94
48) 2-Hexanone	8.32	43	22443	4.817	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	29287	5.345	ug/L	96

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

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Instrument : MSVOA_U
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Quant Time: Mar 11 07:15:05 2019
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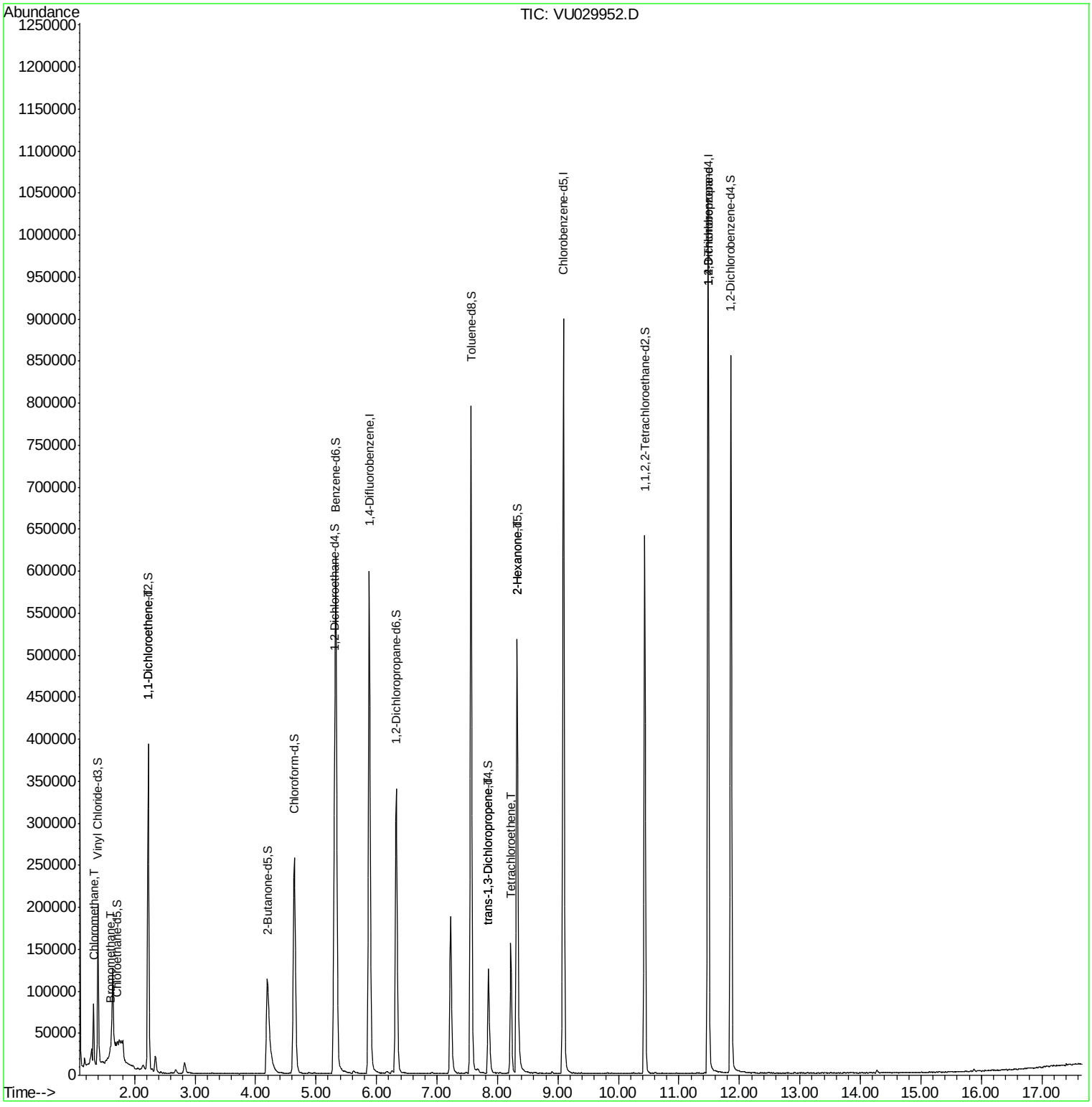
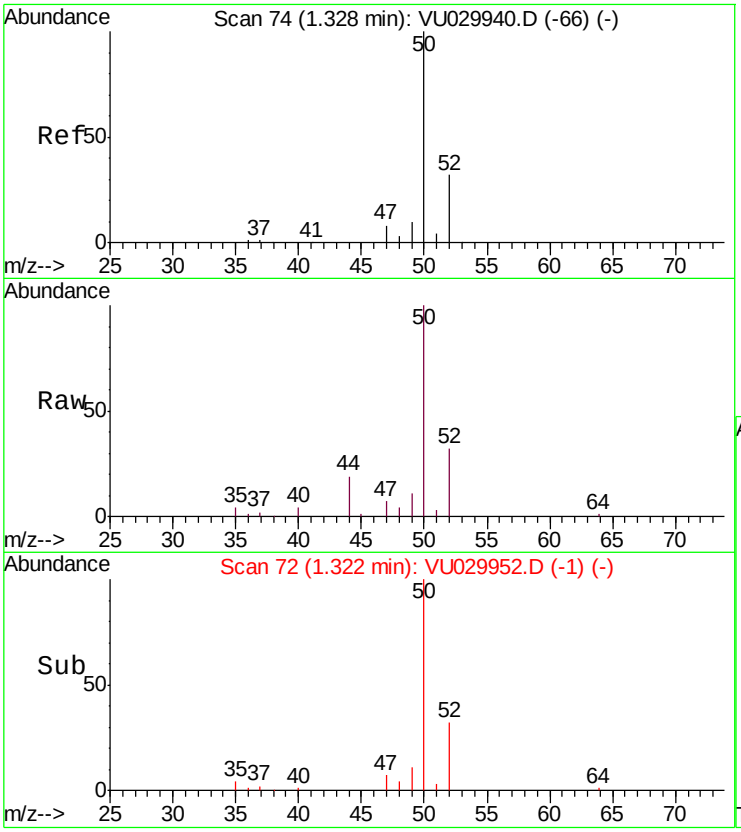
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 07:10:15 2019
Response via : Initial Calibration



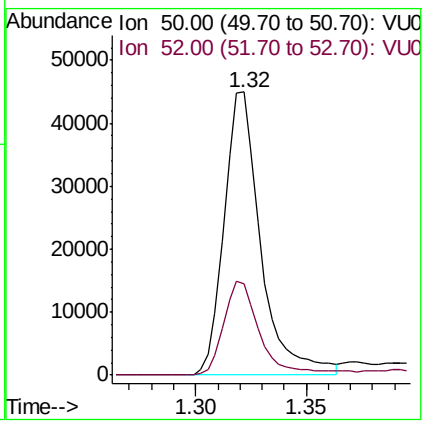


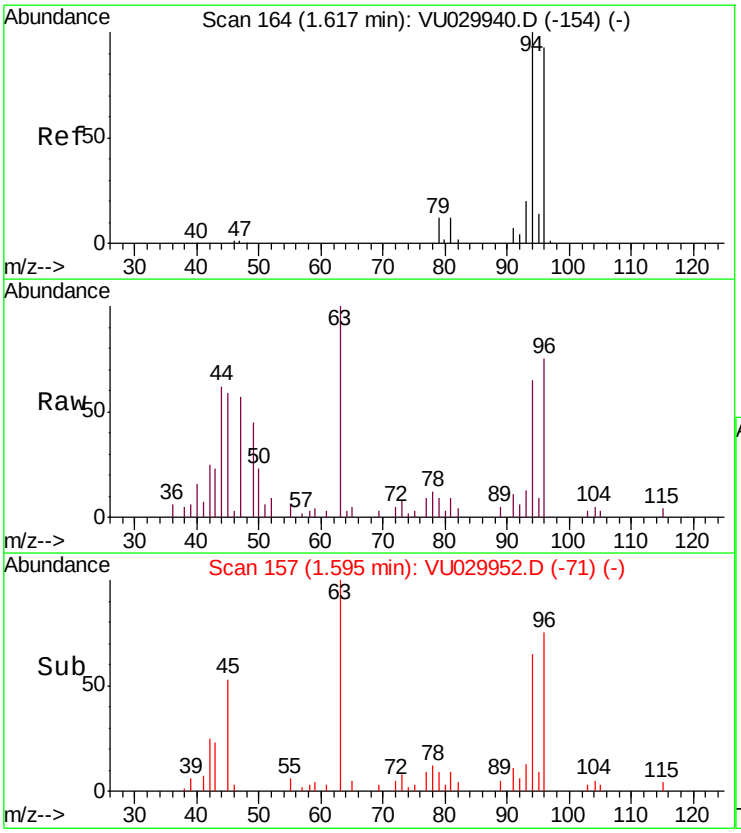
#3
Chloromethane
Concen: 8.586 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.01 min
Lab File: VU029952.D
Acq: 10 Mar 2019 16:25

Instrument :
MSVOA_U
ClientSampleId :
BF0R6

Tgt Ion: 50 Resp: 52176

Ion	Ratio	Lower	Upper
50	100		
52	32.3	23.1	42.9

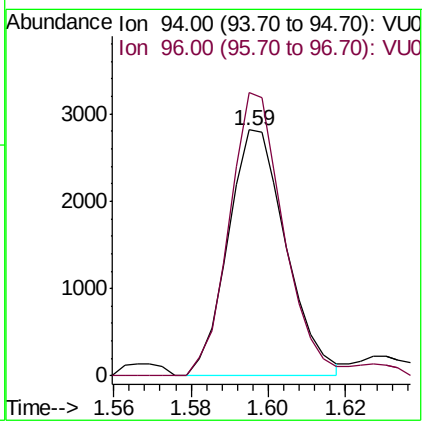


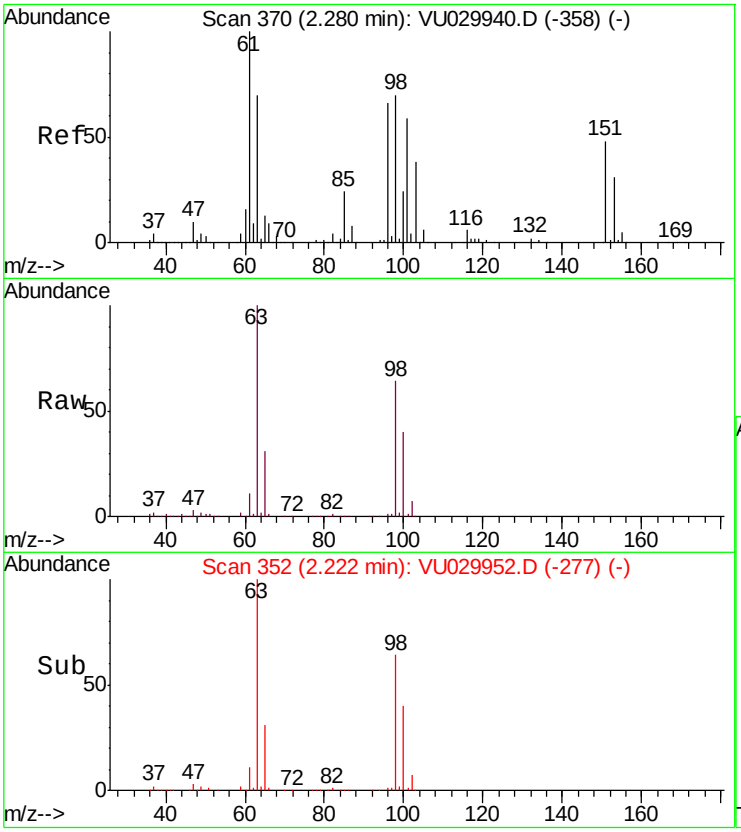


#6
Bromomethane
Concen: 2.355 ug/L
RT: 1.59 min Scan# 157
Delta R.T. -0.02 min
Lab File: VU029952.D
Acq: 10 Mar 2019 16:25

Tgt Ion: 94 Resp: 2939

Ion	Ratio	Lower	Upper
94	100		
96	115.1	65.7	121.9



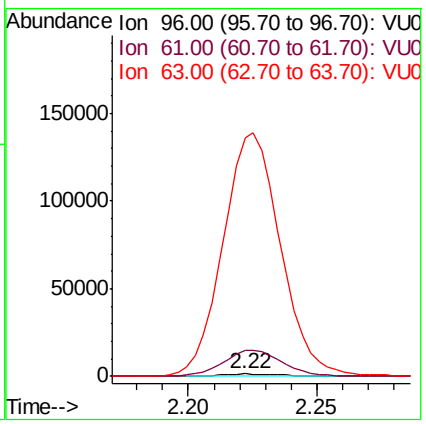


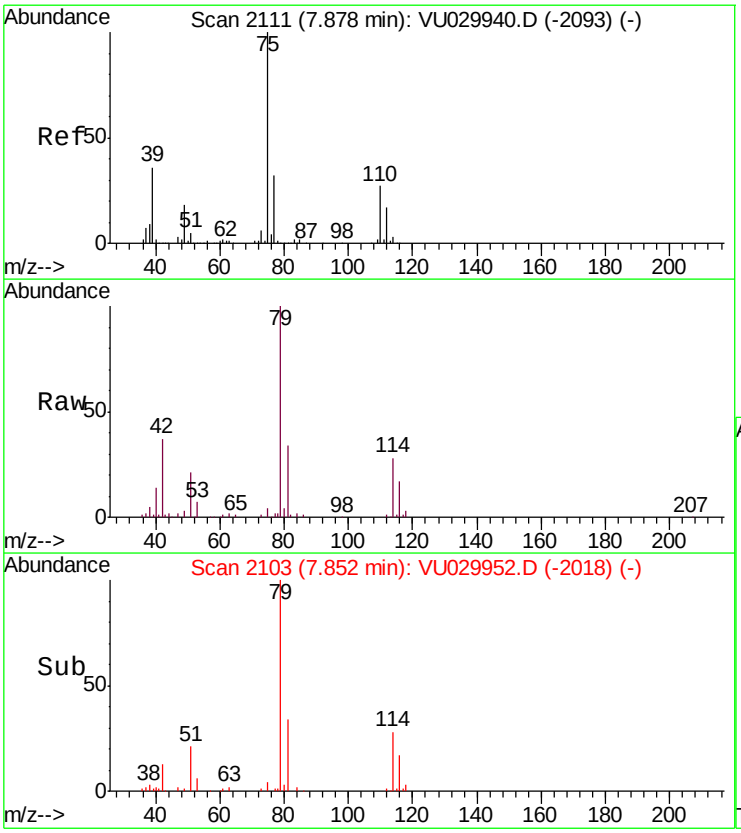
#12
1,1-Dichloroethene
Concen: 0.590 ug/L
RT: 2.22 min Scan# 352
Delta R.T. -0.06 min
Lab File: VU029952.D
Acq: 10 Mar 2019 16:25

Instrument : MSVOA_U
ClientSampleId : BF0R6

Tgt Ion: 96 Resp: 2196

Ion	Ratio	Lower	Upper
96	100		
61	1059.0	109.0	202.4#
63	9913.0	88.1	163.5#

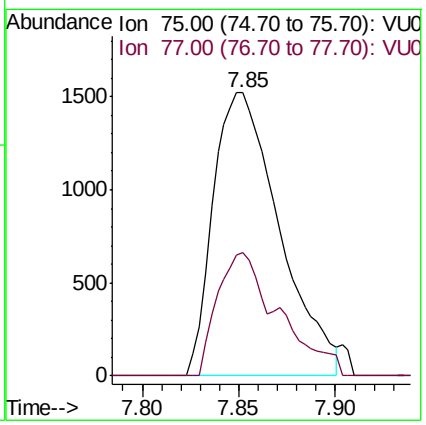


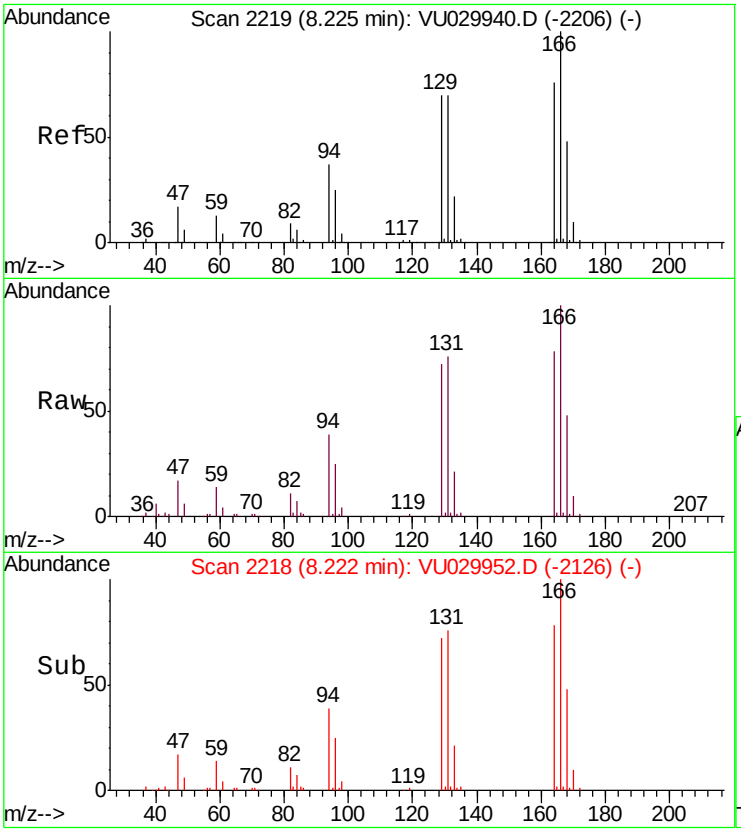


#44
trans-1,3-Dichloropropene
Concen: 0.646 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU029952.D
Acq: 10 Mar 2019 16:25

Tgt Ion: 75 Resp: 3620

Ion	Ratio	Lower	Upper
75	100		
77	43.6	21.8	40.6#



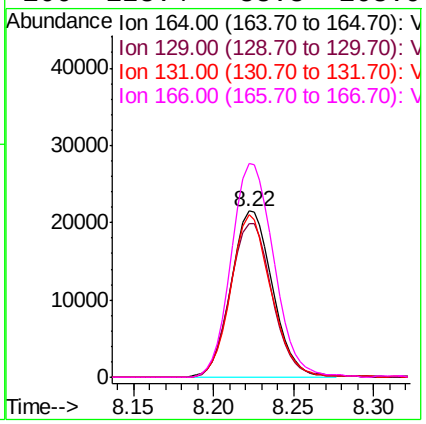


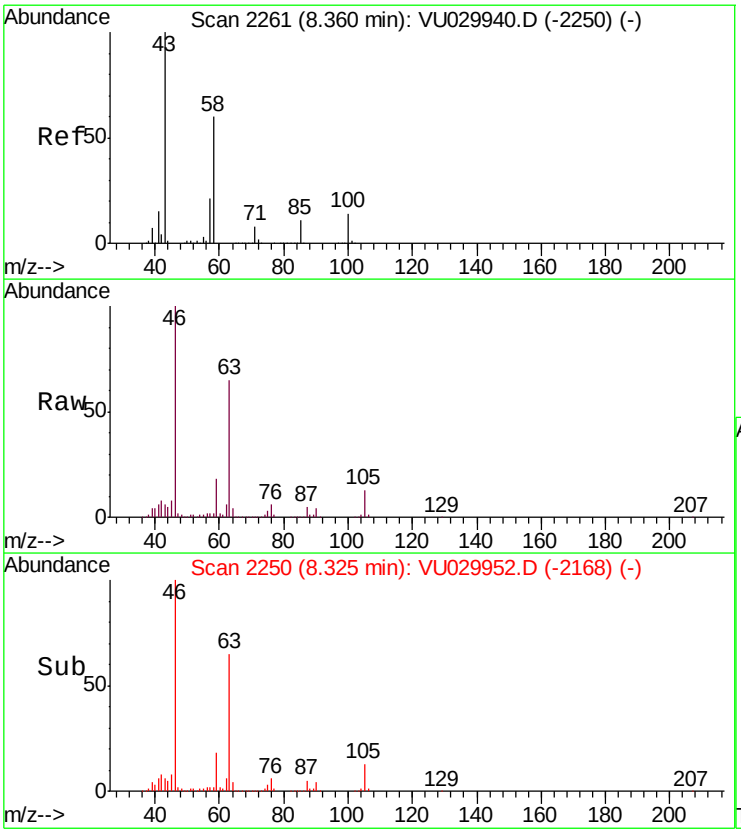
#46
Tetrachloroethene
Concen: 10.361 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029952.D
Acq: 10 Mar 2019 16:25

Instrument : MSVOA_U
ClientSampleId : BF0R6

Tgt Ion:164 Resp: 38144

Ion	Ratio	Lower	Upper
164	100		
129	92.6	61.0	113.2
131	97.4	60.5	112.3
166	128.4	88.3	163.9

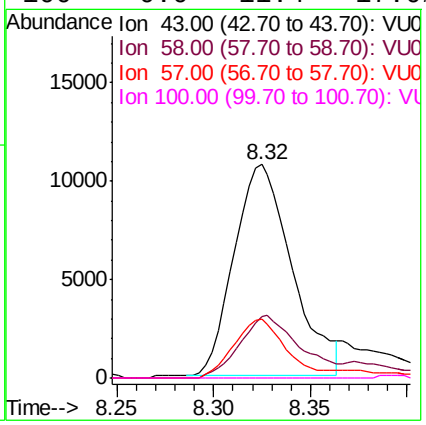


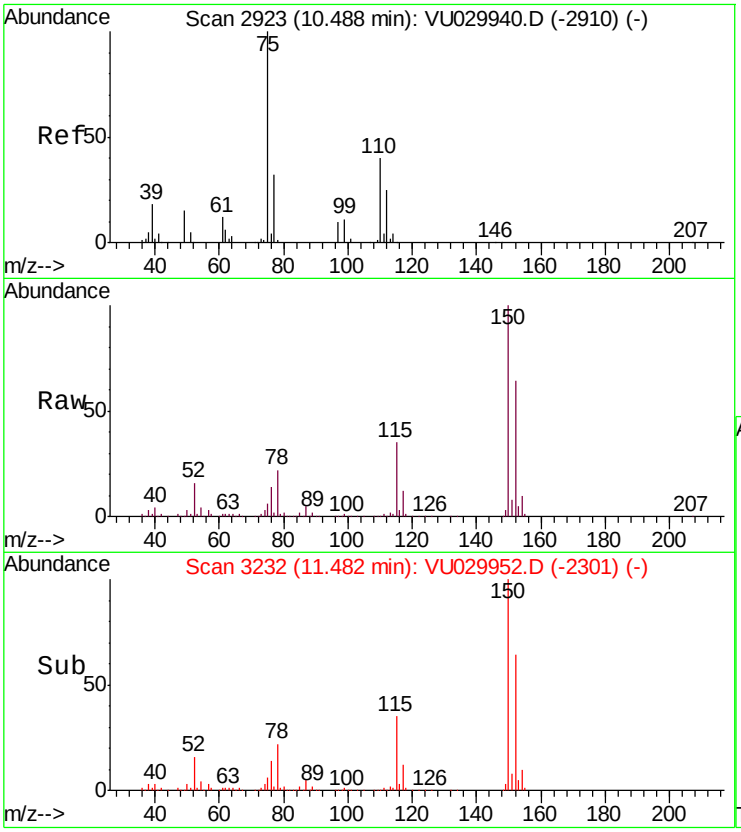


#48
2-Hexanone
Concen: 4.817 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.04 min
Lab File: VU029952.D
Acq: 10 Mar 2019 16:25

Tgt Ion: 43 Resp: 22443

Ion	Ratio	Lower	Upper
43	100		
58	31.1	49.2	73.8#
57	24.6	16.6	25.0
100	0.0	11.4	17.0#





#59
1,2,3-Trichloropropane
Concen: 5.345 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029952.D
Acq: 10 Mar 2019 16:25

Instrument :
MSVOA_U
ClientSampleId :
BF0R6

Tgt Ion: 75 Resp: 29287

Ion	Ratio	Lower	Upper
75	100		
77	35.0	26.1	39.1