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

Quantitation Report (Not Reviewed)

Data File : VU029951.D
Acq On : 10 Mar 2019 16:02
Operator : JC/SP
Sample : K1818-14ME
Misc : 5.82g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0R4ME

Quant Time: Mar 11 07:14:54 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	588606	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	579099	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	289915	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	141459	39.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.78%			
7) Chloroethane-d5	1.70	69	80	0.03	ug/L	0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.06%#			
11) 1,1-Dichloroethene-d2	2.23	63	207714	30.68	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.36%			
21) 2-Butanone-d5	4.20	46	249451	89.65	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.65%			
24) Chloroform-d	4.64	84	283968	40.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.26%			
26) 1,2-Dichloroethane-d4	5.30	65	175296	42.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.62%			
32) Benzene-d6	5.33	84	626772	43.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.86%			
36) 1,2-Dichloropropane-d6	6.32	67	191166	43.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.72%			
41) Toluene-d8	7.56	98	588080	42.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.94%			
43) trans-1,3-Dichloropropene-	7.85	79	85496	40.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.06%			
47) 2-Hexanone-d5	8.32	63	217947	92.93	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.93%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	312969	45.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.96%			
64) 1,2-Dichlorobenzene-d4	11.86	152	246395	43.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.66%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	58602	9.863	ug/L	98
6) Bromomethane	1.60	94	3805	3.118	ug/L	88
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2576	0.687	ug/L #	24
12) 1,1-Dichloroethene	2.23	96	2807	0.771	ug/L #	1
13) Acetone	2.35	43	2058	0.678	ug/L	76
16) Methylene chloride	2.68	84	2688	0.630	ug/L	88
44) trans-1,3-Dichloropropene	7.85	75	3370	0.617	ug/L #	80
45) 1,1,2-Trichloroethane	8.22	97	5464	1.335	ug/L #	1
46) Tetrachloroethene	8.22	164	811922	226.122	ug/L	97
48) 2-Hexanone	8.32	43	24523	5.396	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	29075	5.441	ug/L	96

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

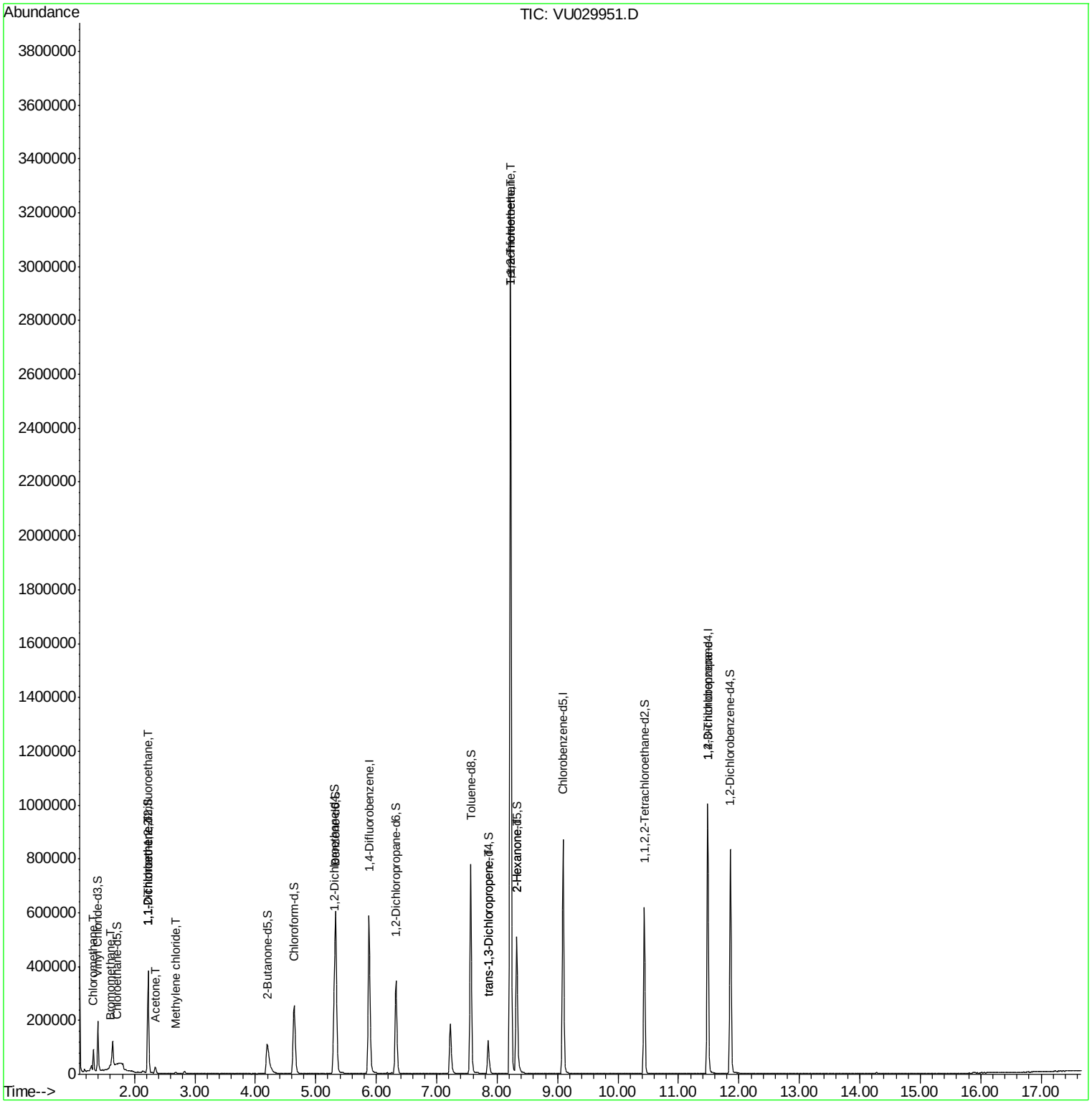
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031219\

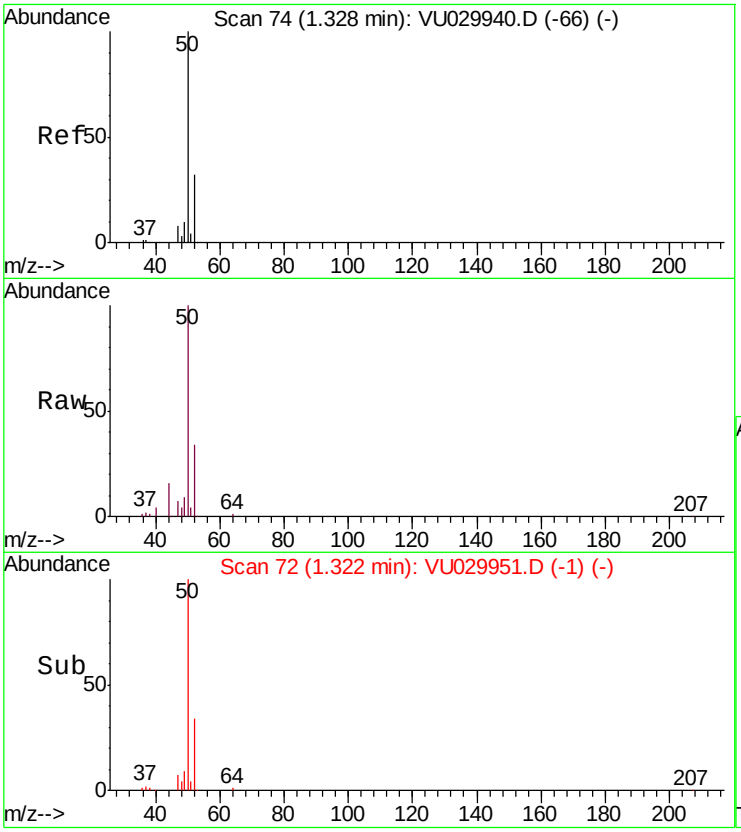
Quantitation Report (Not Reviewed)

Data File : VU029951.D
Acq On : 10 Mar 2019 16:02
Operator : JC/SP
Sample : K1818-14ME
Misc : 5.82g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF0R4ME

Quant Time: Mar 11 07:14:54 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



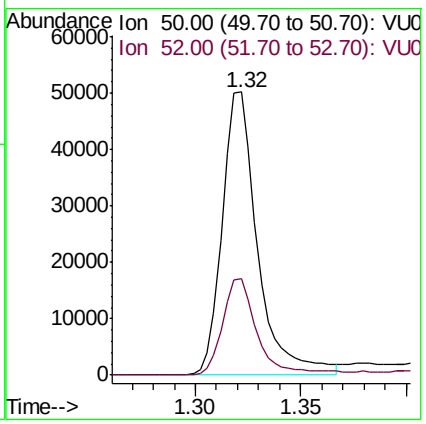


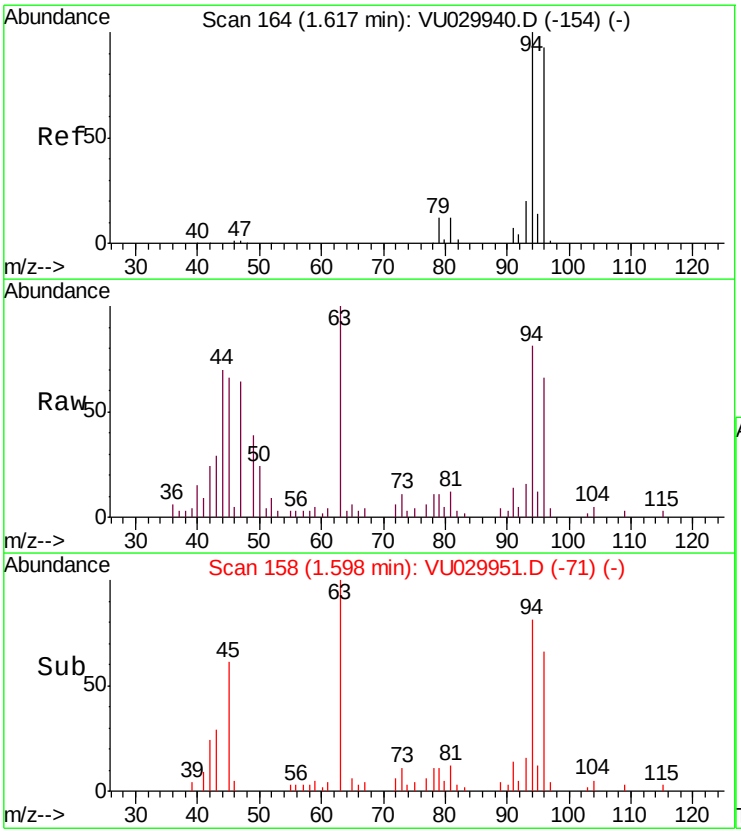
#3
Chloromethane
Concen: 9.863 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.01 min
Lab File: VU029951.D
Acq: 10 Mar 2019 16:02

Instrument :
MSVOA_U
ClientSampleId :
BF0R4ME

Tgt Ion: 50 Resp: 58602

Ion	Ratio	Lower	Upper
50	100		
52	33.9	23.1	42.9

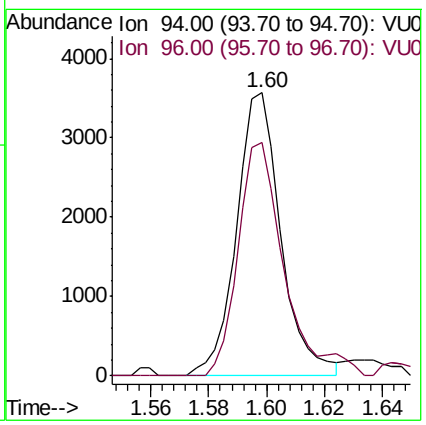


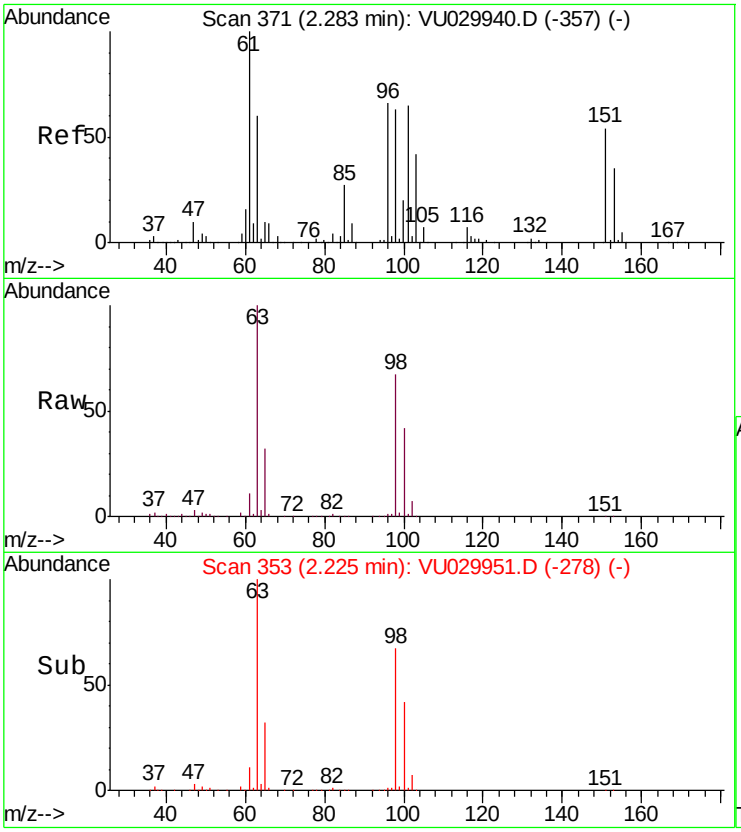


#6
Bromomethane
Concen: 3.118 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.02 min
Lab File: VU029951.D
Acq: 10 Mar 2019 16:02

Tgt Ion: 94 Resp: 3805

Ion	Ratio	Lower	Upper
94	100		
96	82.3	65.7	121.9



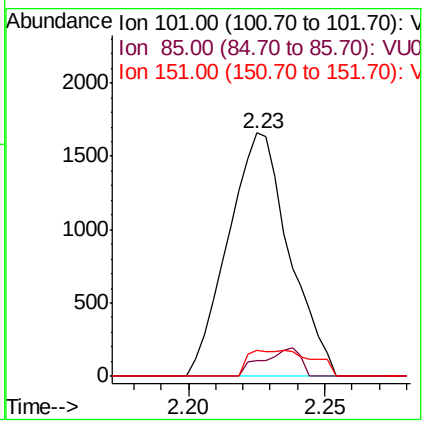


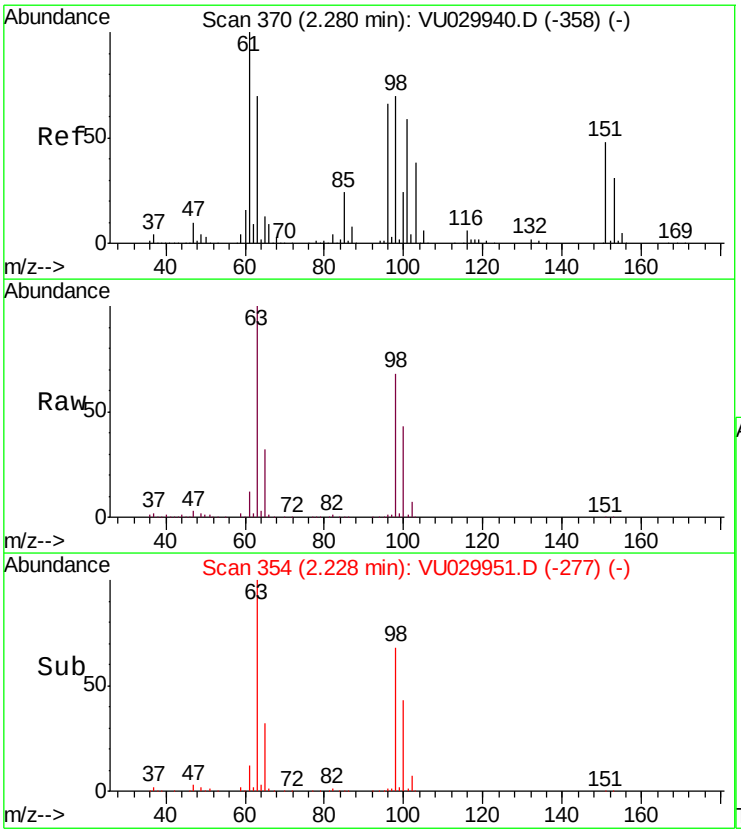
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.687 ug/L
RT: 2.23 min Scan# 353
Delta R.T. -0.06 min
Lab File: VU029951.D
Acq: 10 Mar 2019 16:02

Instrument :
MSVOA_U
ClientSampleId :
BF0R4ME

Tgt Ion:101 Resp: 2576

Ion	Ratio	Lower	Upper
101	100		
85	5.7	33.4	50.2#
151	4.9	65.8	98.6#

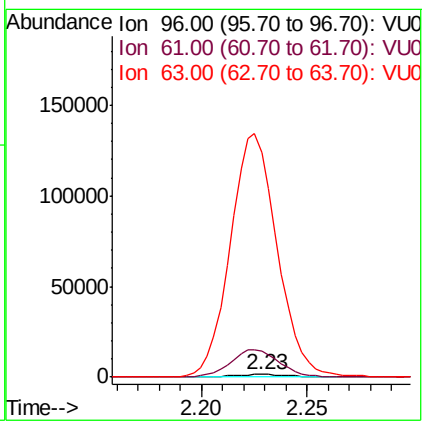


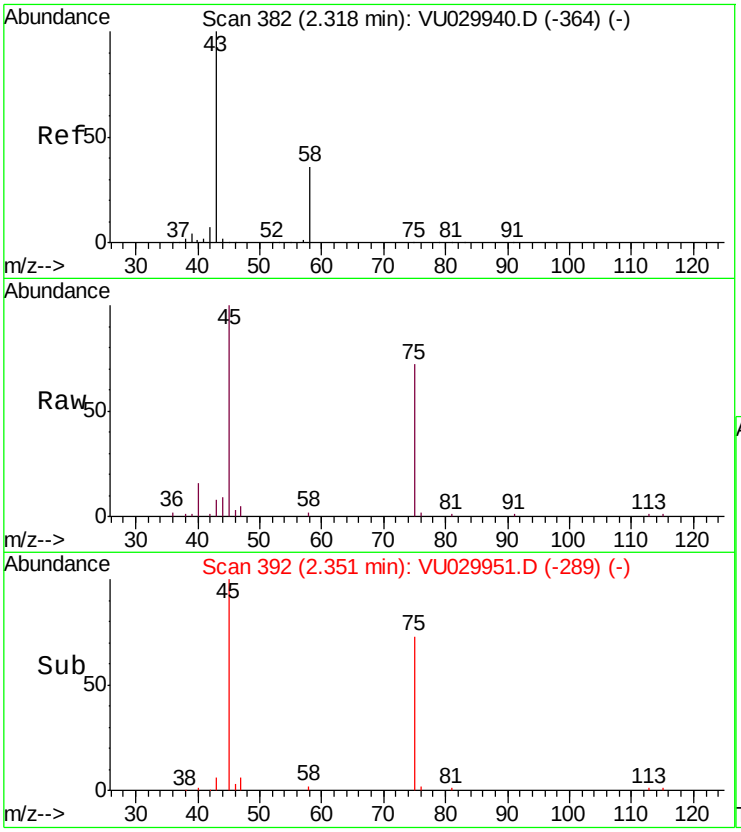


#12
1,1-Dichloroethene
Concen: 0.771 ug/L
RT: 2.23 min Scan# 354
Delta R.T. -0.05 min
Lab File: VU029951.D
Acq: 10 Mar 2019 16:02

Tgt Ion: 96 Resp: 2807

Ion	Ratio	Lower	Upper
96	100		
61	966.6	109.0	202.4#
63	8365.7	88.1	163.5#



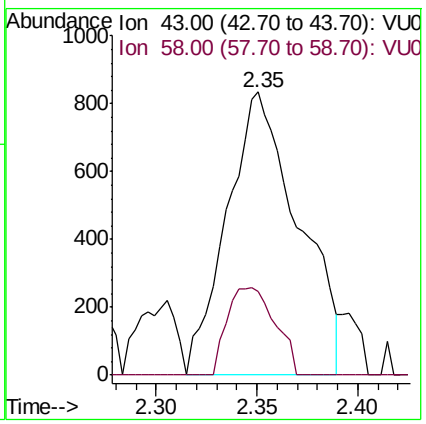


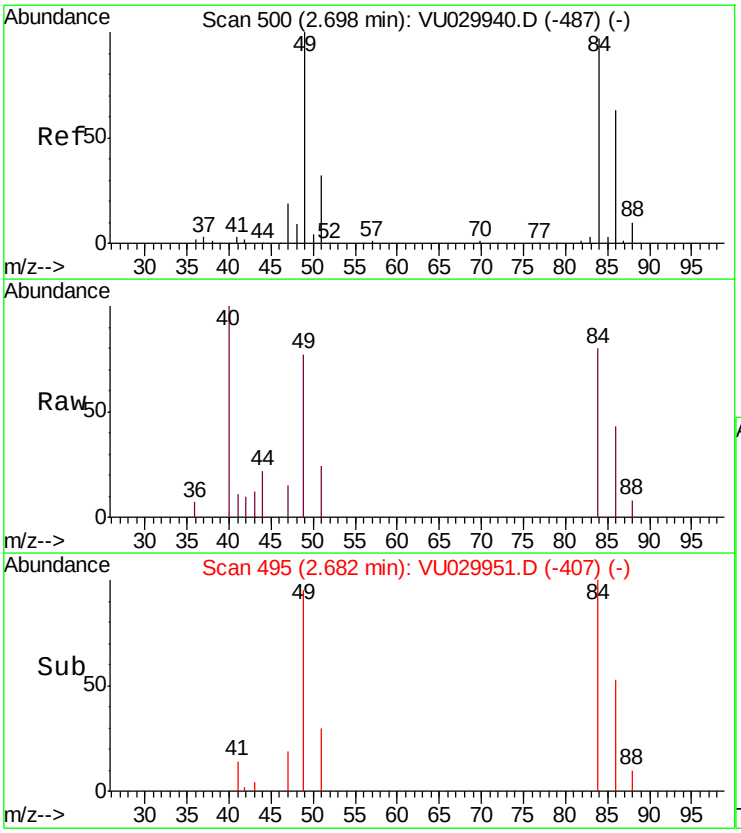
#13
Acetone
Concen: 0.678 ug/L
RT: 2.35 min Scan# 392
Delta R.T. 0.03 min
Lab File: VU029951.D
Acq: 10 Mar 2019 16:02

Instrument : MSVOA_U
ClientSampleId : BF0R4ME

Tgt Ion: 43 Resp: 2058

Ion	Ratio	Lower	Upper
43	100		
58	21.0	0.0	70.2

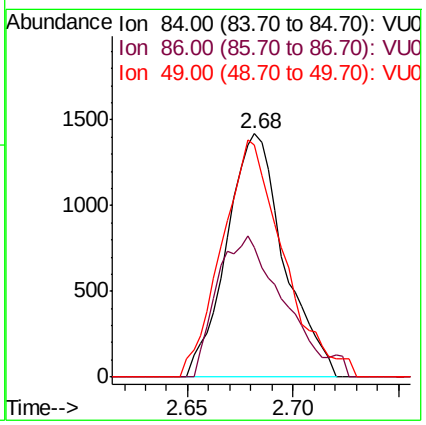


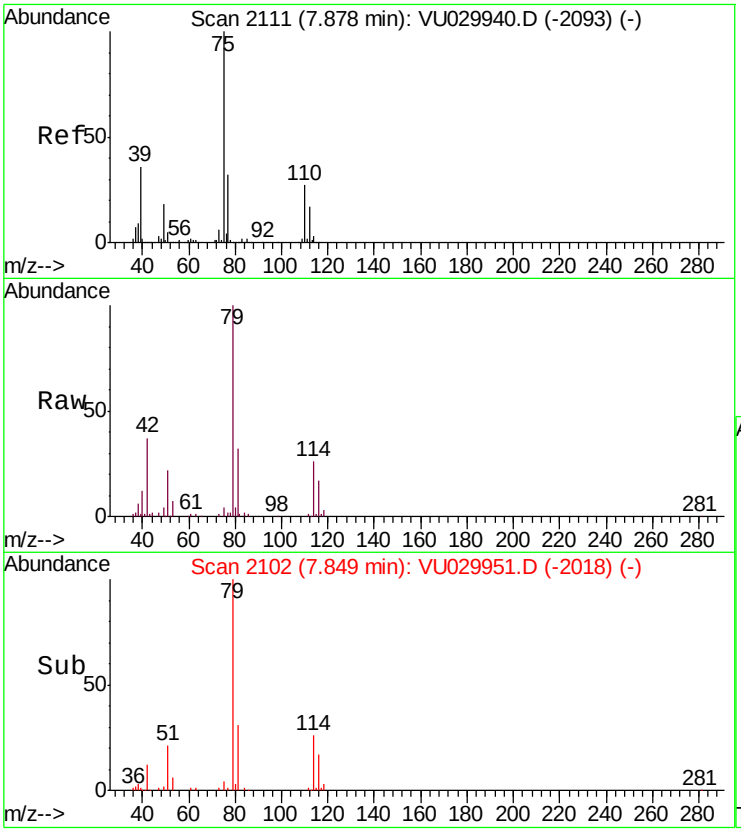


#16
Methylene chloride
Concen: 0.630 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.02 min
Lab File: VU029951.D
Acq: 10 Mar 2019 16:02

Tgt Ion: 84 Resp: 2688

Ion	Ratio	Lower	Upper
84	100		
86	53.2	45.3	84.1
49	95.3	74.8	139.0



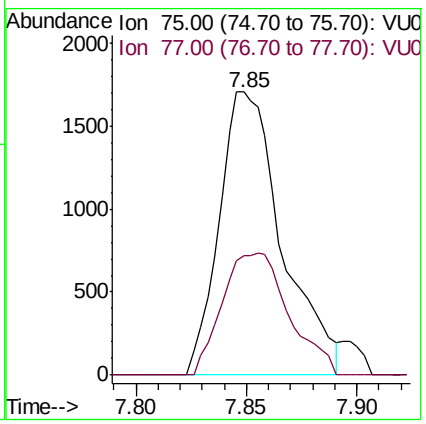


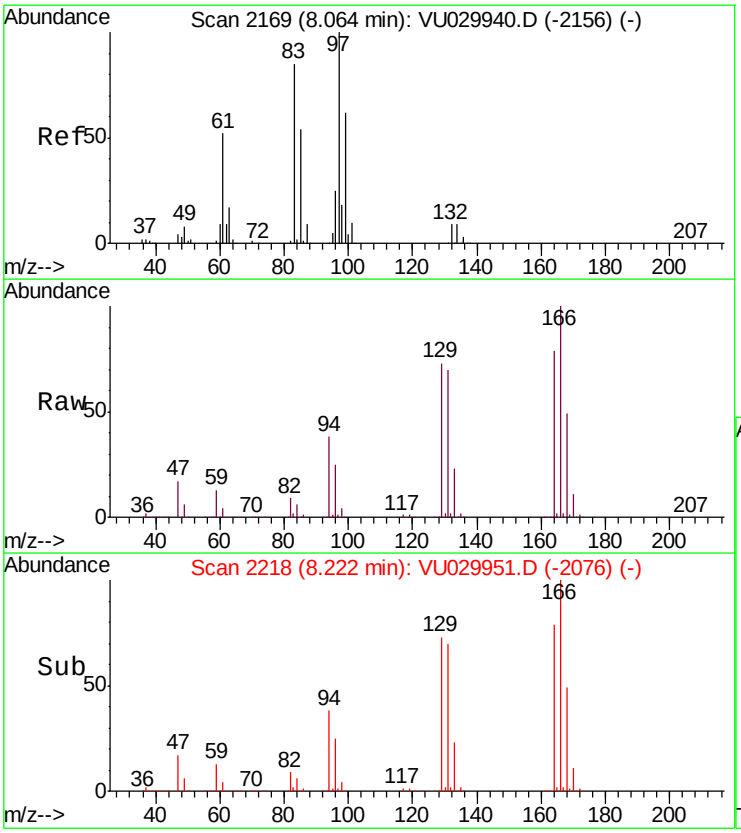
#44
trans-1,3-Dichloropropene
Concen: 0.617 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029951.D
Acq: 10 Mar 2019 16:02

Instrument : MSVOA_U
ClientSampleId : BF0R4ME

Tgt Ion: 75 Resp: 3370

Ion	Ratio	Lower	Upper
75	100		
77	42.3	21.8	40.6#

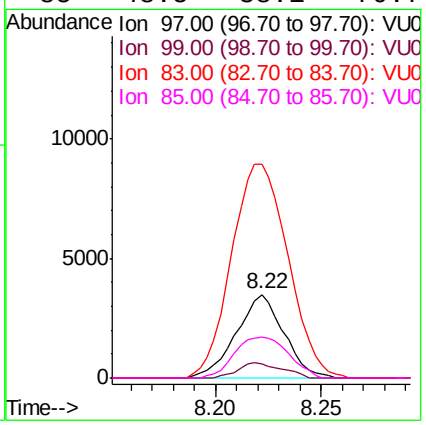


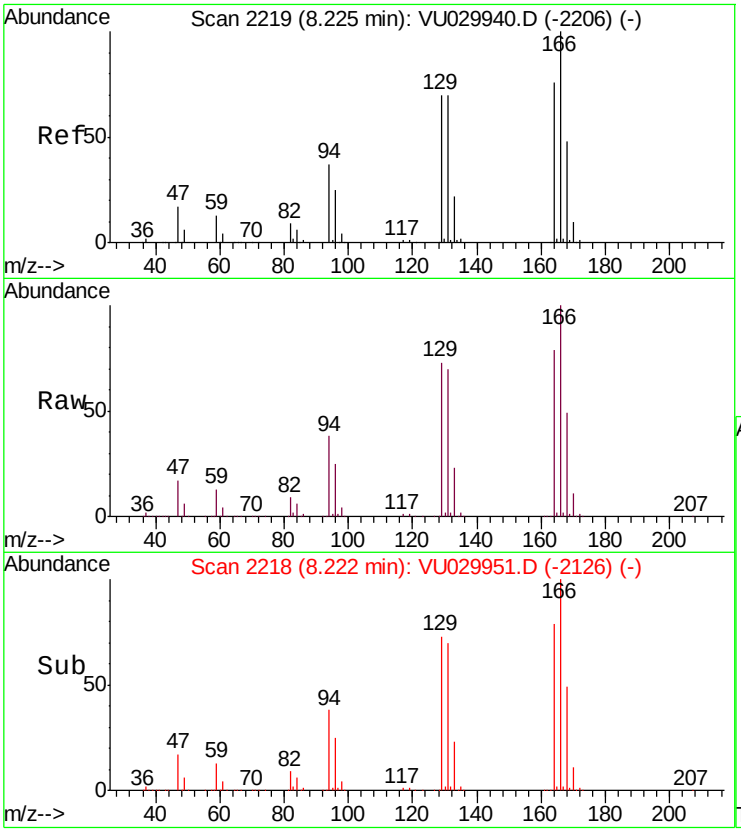


#45
1,1,2-Trichloroethane
Concen: 1.335 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.16 min
Lab File: VU029951.D
Acq: 10 Mar 2019 16:02

Tgt Ion: 97 Resp: 5464

Ion	Ratio	Lower	Upper
97	100		
99	16.7	43.7	81.1#
83	256.7	60.8	112.8#
85	48.5	38.1	70.7



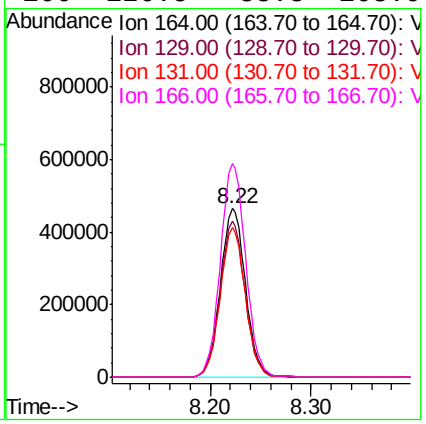


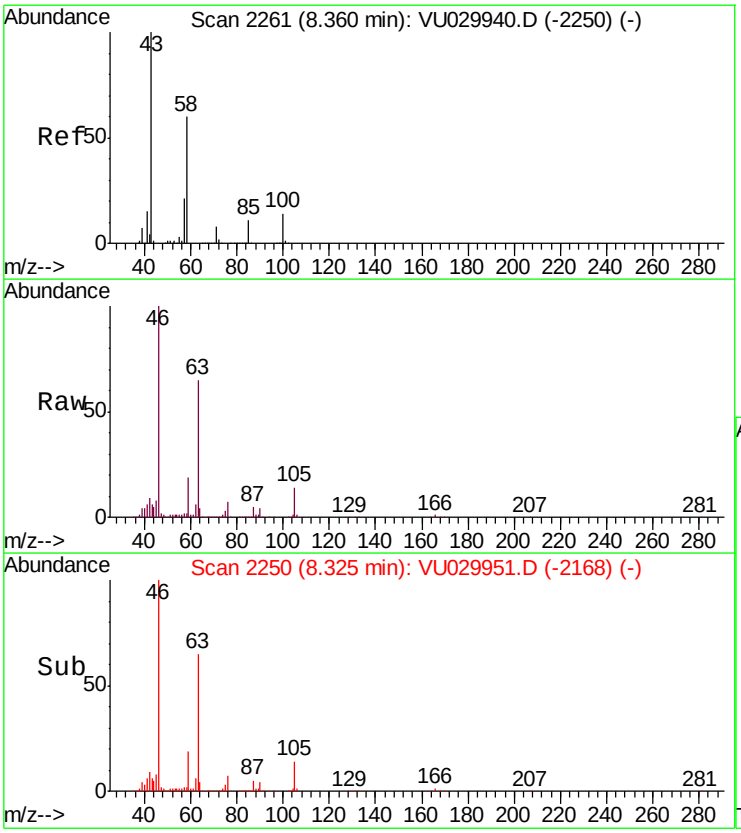
#46
Tetrachloroethene
Concen: 226.122 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029951.D
Acq: 10 Mar 2019 16:02

Instrument :
MSVOA_U
ClientSampleId :
BF0R4ME

Tgt Ion:164 Resp: 811922

Ion	Ratio	Lower	Upper
164	100		
129	92.5	61.0	113.2
131	88.6	60.5	112.3
166	126.5	88.3	163.9

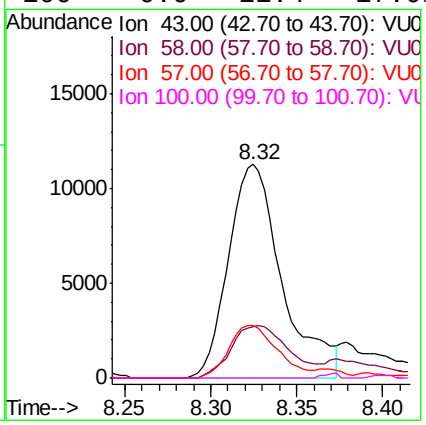


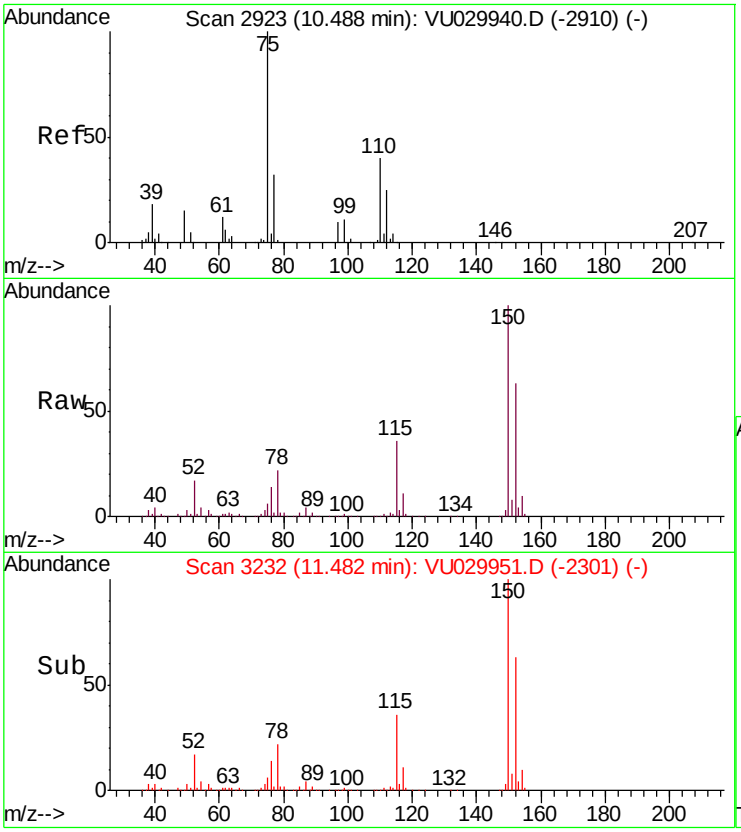


#48
2-Hexanone
Concen: 5.396 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.04 min
Lab File: VU029951.D
Acq: 10 Mar 2019 16:02

Tgt Ion: 43 Resp: 24523

Ion	Ratio	Lower	Upper
43	100		
58	26.5	49.2	73.8#
57	22.5	16.6	25.0
100	0.0	11.4	17.0#





#59
1,2,3-Trichloropropane
Concen: 5.441 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029951.D
Acq: 10 Mar 2019 16:02

Instrument :
MSVOA_U
ClientSampleId :
BF0R4ME

Tgt Ion: 75 Resp: 29075

Ion	Ratio	Lower	Upper
75	100		
77	34.8	26.1	39.1