Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041219\

Quantitation Report (Not Reviewed)

Data File : VU031131.D
Acq On : 12 Apr 2019 16:18
Operator : JC/SP
Sample : K2354-01MERE
Misc : 5.71g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF2T3ME

Quant Time: Apr 13 01:04:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	508012	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	505408	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	242960	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	112825	24.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 49.76%#			
7) Chloroethane-d5	1.69	69	809	0.24	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.48%#			
11) 1,1-Dichloroethene-d2	2.23	63	184368	22.48	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 44.96%#			
21) 2-Butanone-d5	4.19	46	328419	91.38	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.38%			
24) Chloroform-d	4.64	84	263629	38.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.12%			
26) 1,2-Dichloroethane-d4	5.30	65	196079	41.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.96%			
32) Benzene-d6	5.33	84	526423	35.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 71.36%			
36) 1,2-Dichloropropane-d6	6.32	67	192224	38.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 76.04%			
41) Toluene-d8	7.56	98	439917	33.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 67.28%#			
43) trans-1,3-Dichloropropene-	7.85	79	86891	37.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.38%			
47) 2-Hexanone-d5	8.32	63	224431	97.11	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.11%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	324953	47.64	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.28%			
64) 1,2-Dichlorobenzene-d4	11.86	152	203520	42.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.18%			

Target Compounds						Qvalue
6) Bromomethane	1.60	94	1651	0.570	ug/L	87
16) Methylene chloride	2.68	84	2551	0.598	ug/L #	70
25) Chloroform	4.66	83	18401	2.379	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	3707	0.631	ug/L	87
46) Tetrachloroethene	8.22	164	25768	8.737	ug/L	96
48) 2-Hexanone	8.32	43	27055	4.605	ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	29662	5.288	ug/L	93

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

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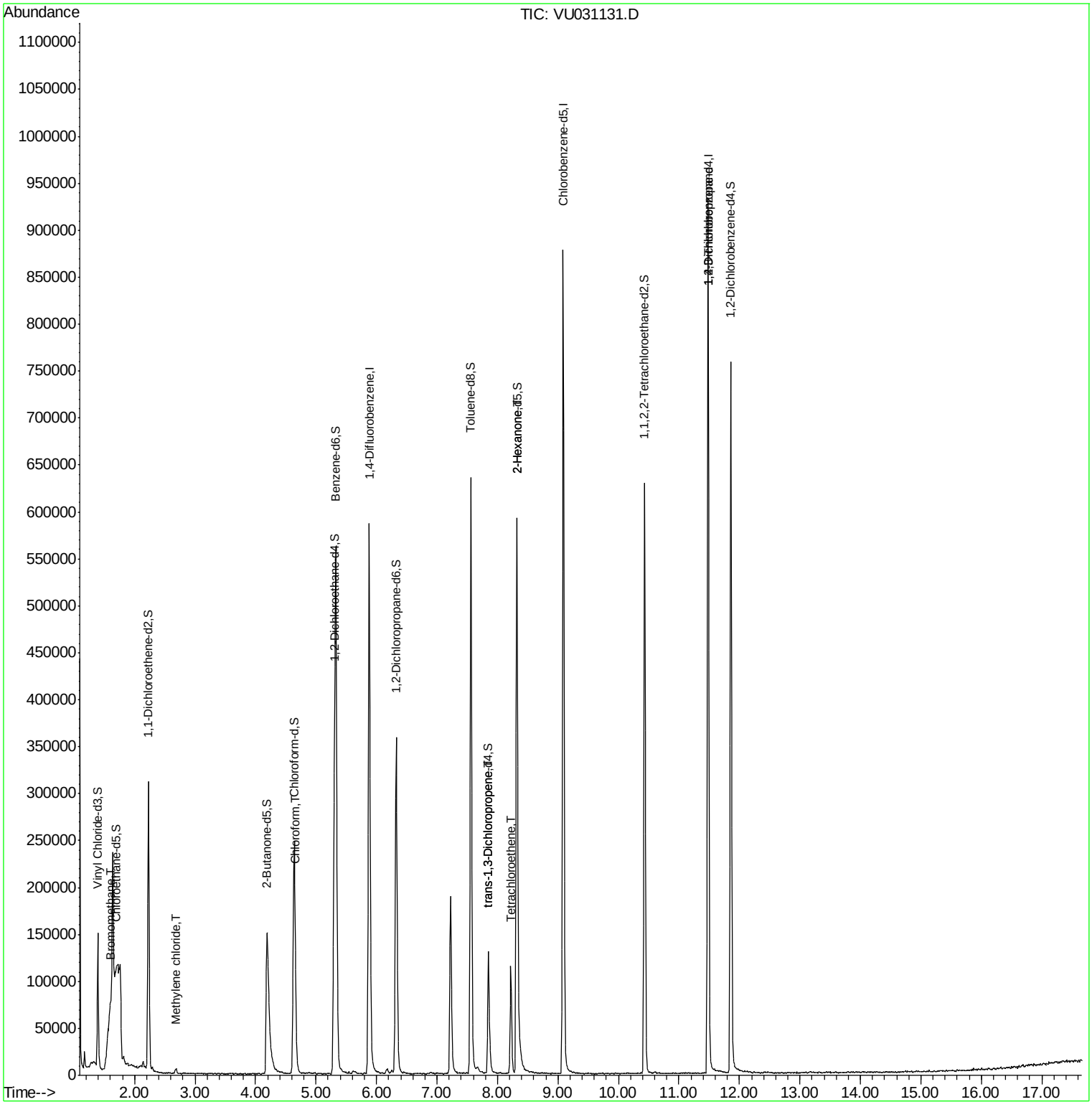
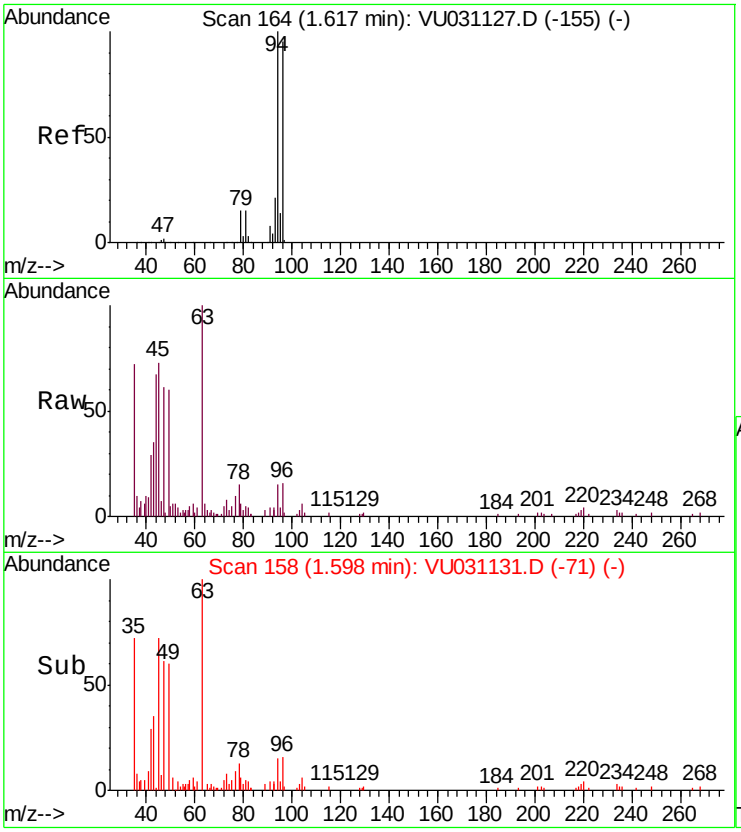
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration



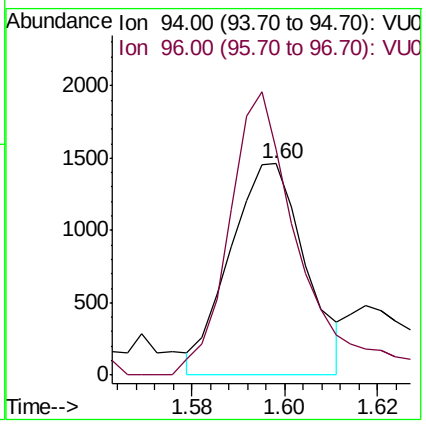


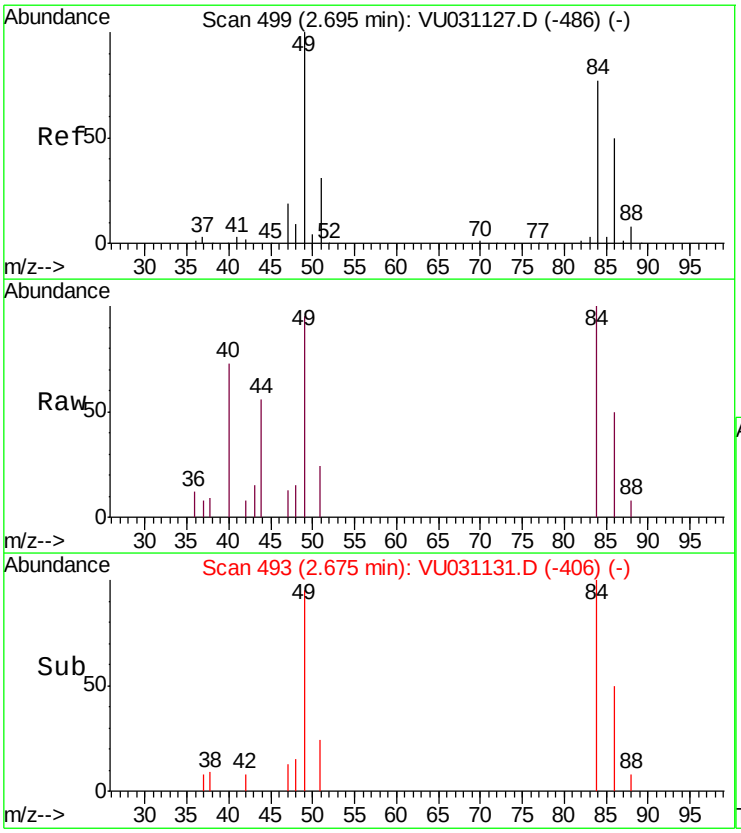
#6
Bromomethane
Concen: 0.570 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.02 min
Lab File: VU031131.D
Acq: 12 Apr 2019 16:18

Instrument :
MSVOA_U
ClientSampleId :
BF2T3ME

Tgt Ion: 94 Resp: 1651

Ion	Ratio	Lower	Upper
94	100		
96	106.6	65.5	121.7

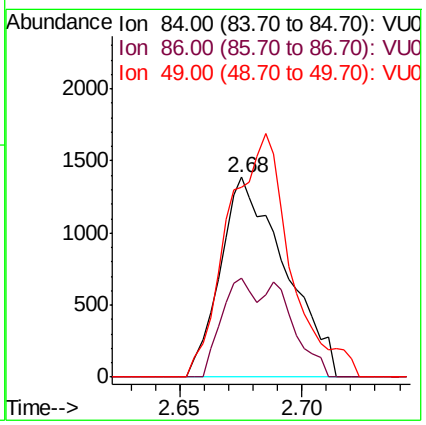


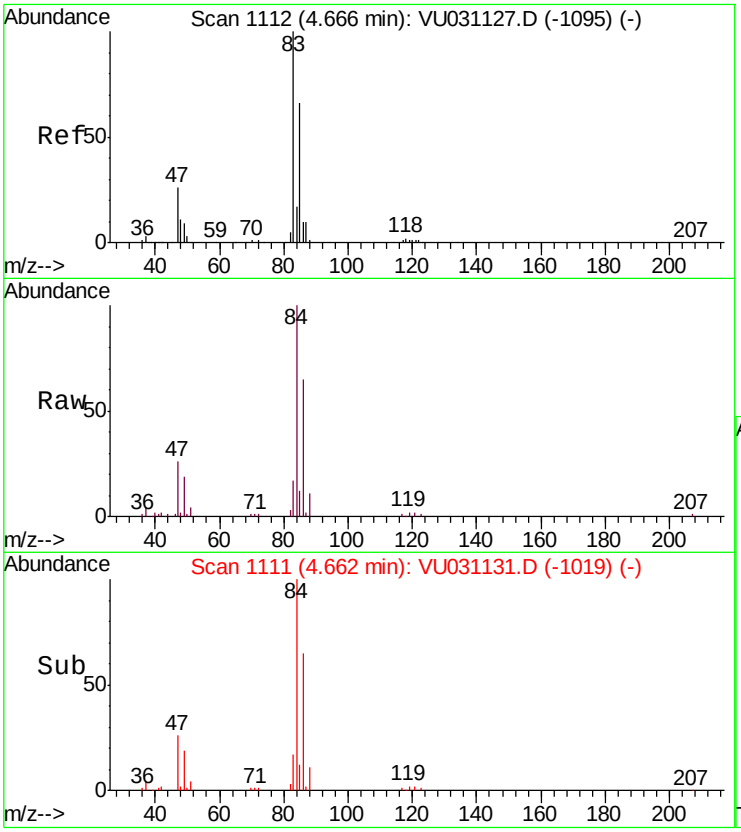


#16
Methylene chloride
Concen: 0.598 ug/L
RT: 2.68 min Scan# 493
Delta R.T. -0.02 min
Lab File: VU031131.D
Acq: 12 Apr 2019 16:18

Tgt Ion: 84 Resp: 2551

Ion	Ratio	Lower	Upper
84	100		
86	49.7	45.1	83.7
49	95.0	96.5	179.1#



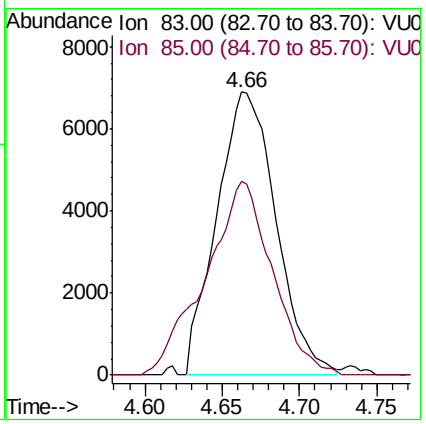


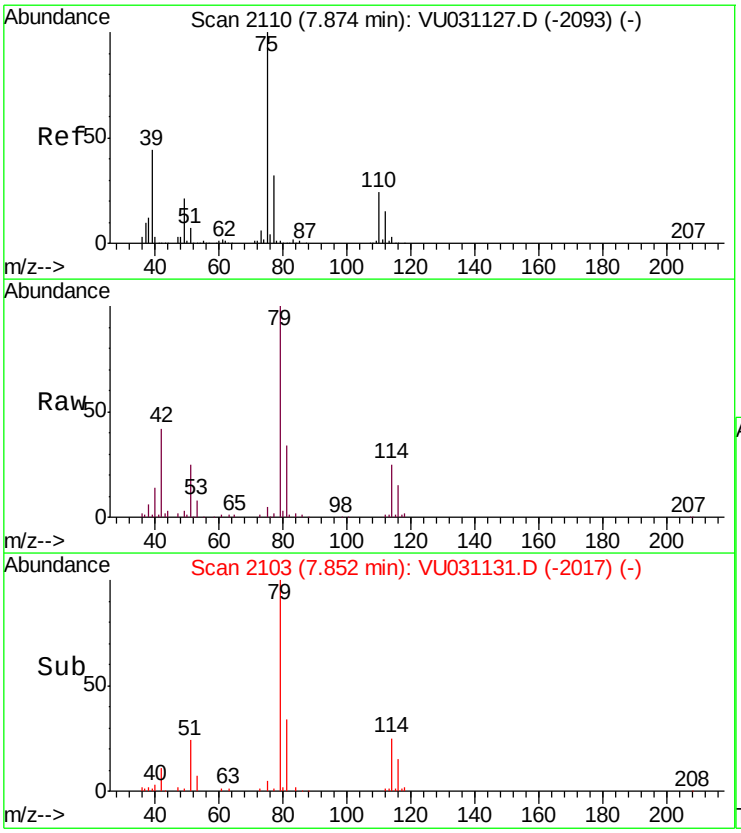
#25
Chloroform
Concen: 2.379 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VU031131.D
Acq: 12 Apr 2019 16:18

Instrument :
MSVOA_U
ClientSampleId :
BF2T3ME

Tgt Ion: 83 Resp: 18401

Ion	Ratio	Lower	Upper
83	100		
85	68.7	45.8	85.0

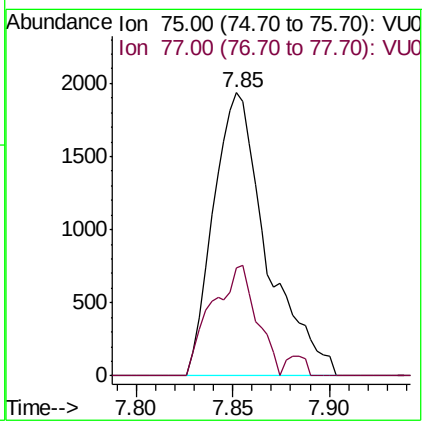


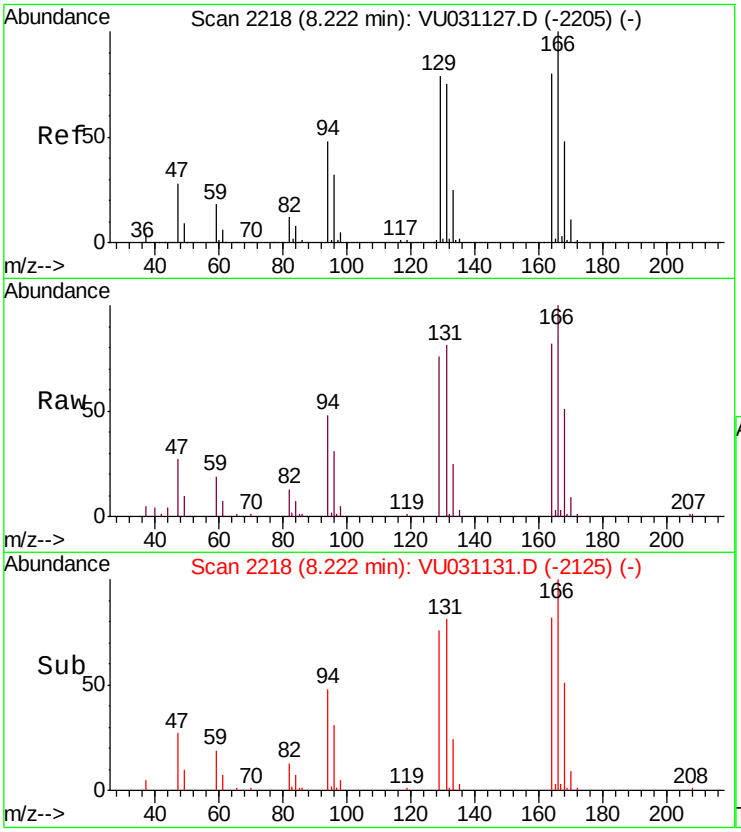


#44
trans-1,3-Dichloropropene
Concen: 0.631 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU031131.D
Acq: 12 Apr 2019 16:18

Tgt Ion: 75 Resp: 3707

Ion	Ratio	Lower	Upper
75	100		
77	38.1	21.6	40.0



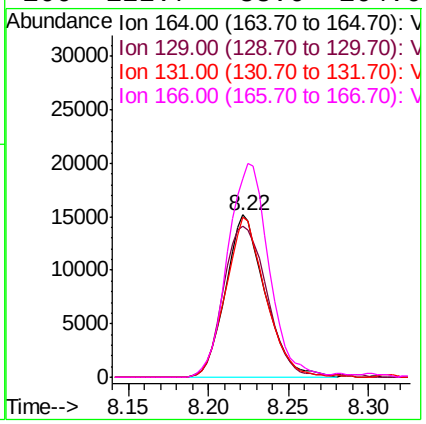


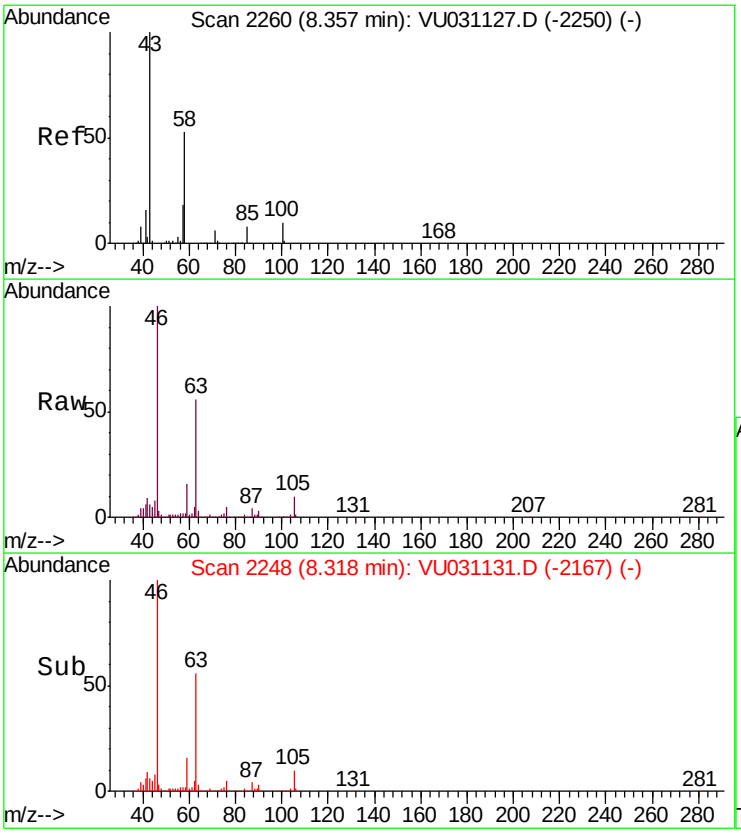
#46
Tetrachloroethene
Concen: 8.737 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031131.D
Acq: 12 Apr 2019 16:18

Instrument : MSVOA_U
ClientSampleId : BF2T3ME

Tgt Ion:164 Resp: 25768

Ion	Ratio	Lower	Upper
164	100		
129	93.2	67.4	125.2
131	98.8	65.9	122.5
166	122.7	88.6	164.6

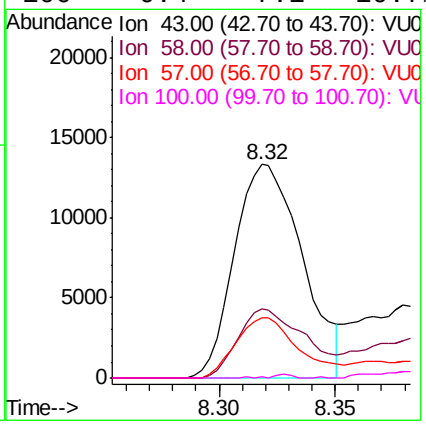


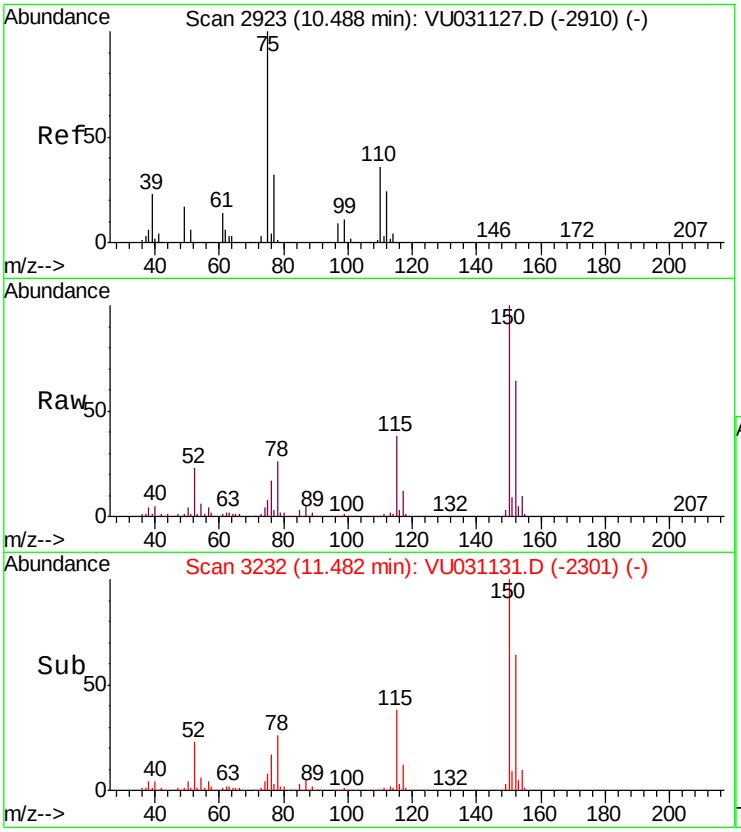


#48
2-Hexanone
Concen: 4.605 ug/L
RT: 8.32 min Scan# 2248
Delta R.T. -0.04 min
Lab File: VU031131.D
Acq: 12 Apr 2019 16:18

Tgt Ion: 43 Resp: 27055

Ion	Ratio	Lower	Upper
43	100		
58	32.0	41.9	62.9#
57	26.4	14.3	21.5#
100	0.4	7.1	10.7#





#59
1,2,3-Trichloropropane
Concen: 5.288 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU031131.D
Acq: 12 Apr 2019 16:18

Instrument :
MSVOA_U
ClientSampleId :
BF2T3ME

Tgt Ion: 75 Resp: 29662

Ion	Ratio	Lower	Upper
75	100		
77	36.3	26.1	39.1