Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122718\

Quantitation Report (Not Reviewed)

Data File : VU028963.D
Acq On : 27 Dec 2018 12:44
Operator : MD/SY
Sample : J6506-01ME
Misc : 6.05g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEZX8ME

Quant Time: Dec 28 00:51:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 00:46:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	245762	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	235734	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	116757	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	59803	30.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 60.70%			
7) Chloroethane-d5	1.64	69	32598	21.42	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 42.84%#			
11) 1,1-Dichloroethene-d2	2.23	63	94504	28.52	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.04%#			
21) 2-Butanone-d5	4.19	46	116360	84.29	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.29%			
24) Chloroform-d	4.64	84	128336	41.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.84%			
26) 1,2-Dichloroethane-d4	5.30	65	83049	43.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.98%			
32) Benzene-d6	5.33	84	278943	41.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.78%			
36) 1,2-Dichloropropane-d6	6.32	67	93748	41.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 82.88%			
41) Toluene-d8	7.56	98	255238	42.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.58%			
43) trans-1,3-Dichloropropene-	7.85	79	43187	42.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.20%			
47) 2-Hexanone-d5	8.32	63	108107	100.61	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.61%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	153537	48.92	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.84%			
64) 1,2-Dichlorobenzene-d4	11.86	152	115660	48.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.96%			

Target Compounds						Qvalue
3) Chloromethane	1.32	50	4162	1.527	ug/L	100
6) Bromomethane	1.59	94	614	0.599	ug/L	71
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	892	0.560	ug/L #	20
13) Acetone	2.35	43	2747	1.953	ug/L	93
15) Methyl Acetate	2.63	43	3595	1.639	ug/L	91
16) Methylene chloride	2.68	84	1449	0.746	ug/L	86
34) Trichloroethene	6.18	95	2647	1.461	ug/L	88
39) cis-1,3-Dichloropropene	7.22	75	2306	0.771	ug/L #	65
44) trans-1,3-Dichloropropene	7.85	75	1625	0.610	ug/L #	82
46) Tetrachloroethene	8.22	164	30904	22.146	ug/L	96
48) 2-Hexanone	8.32	43	10772	4.654	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	12724	5.082	ug/L	90

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

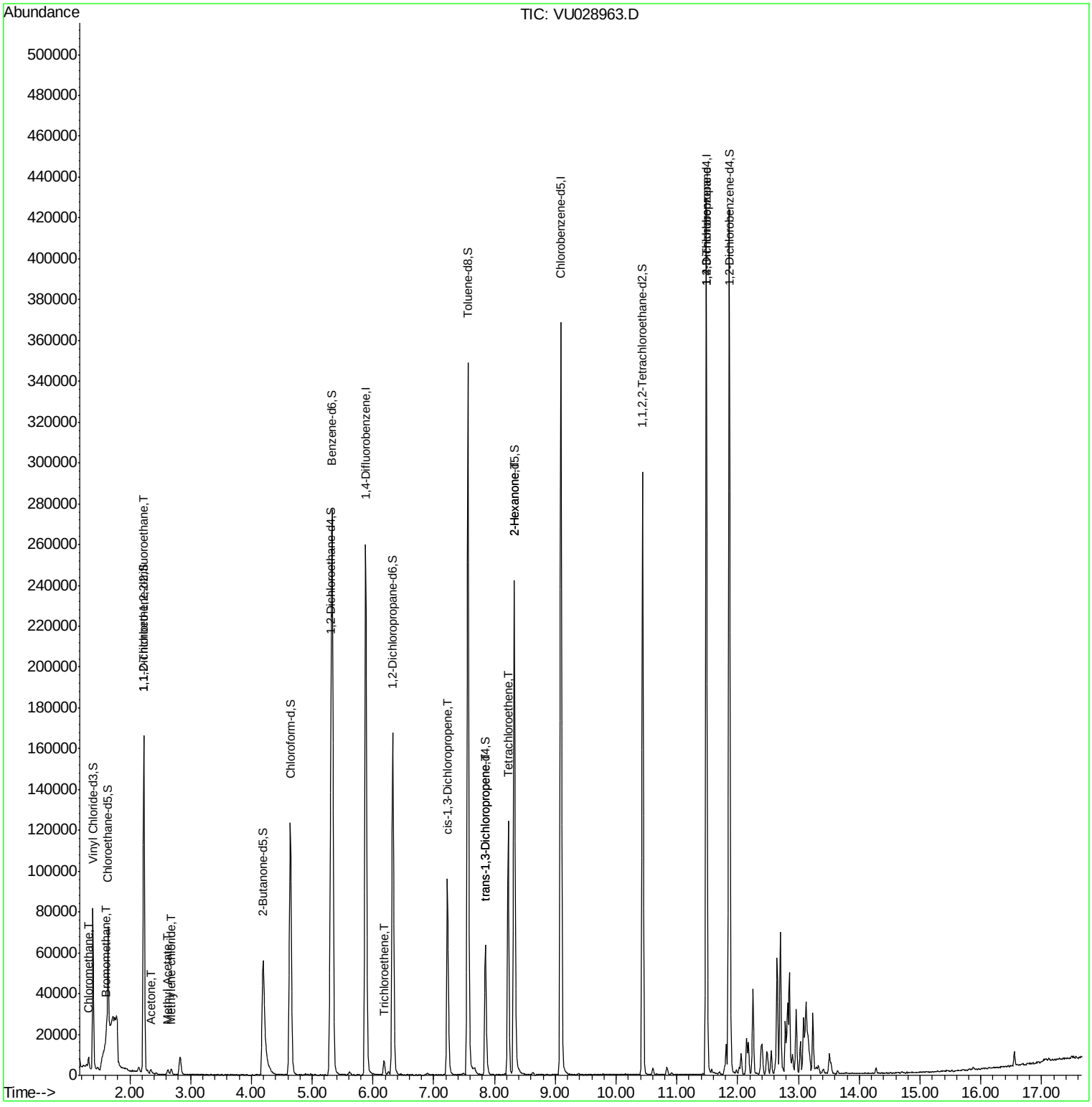
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122718\

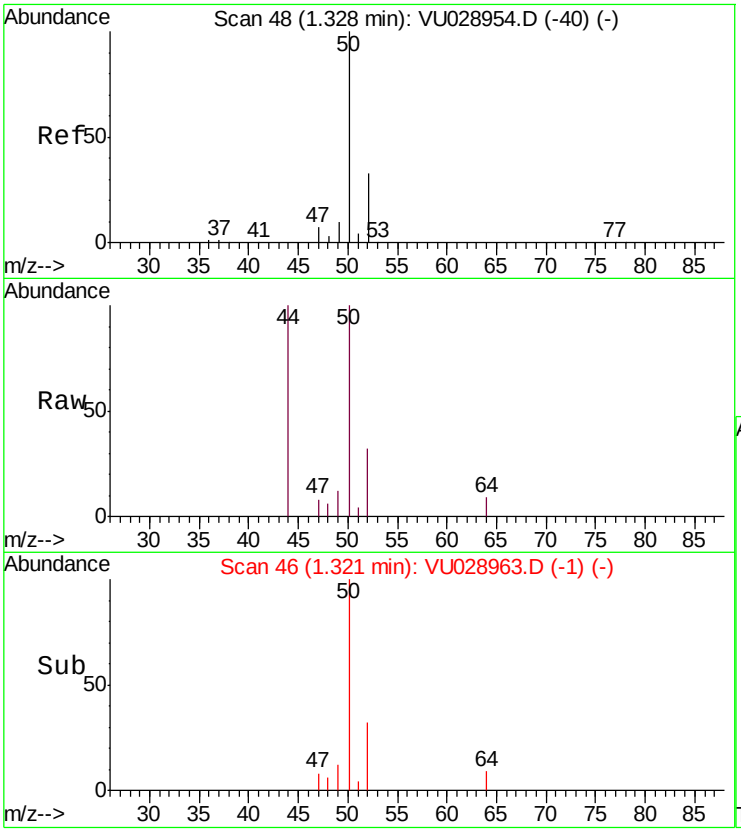
Quantitation Report (Not Reviewed)

Data File : VU028963.D
Acq On : 27 Dec 2018 12:44
Operator : MD/SY
Sample : J6506-01ME
Misc : 6.05g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEZX8ME

Quant Time: Dec 28 00:51:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 00:46:50 2018
Response via : Initial Calibration



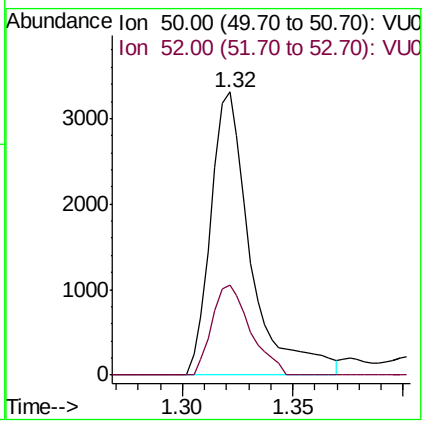


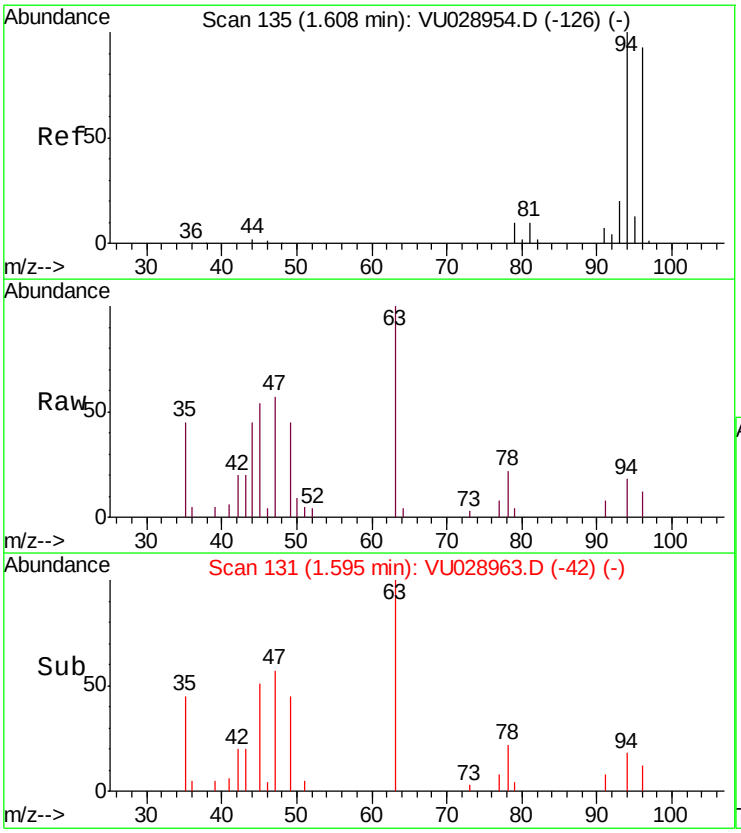
#3
Chloromethane
Concen: 1.527 ug/L
RT: 1.32 min Scan# 46
Delta R.T. -0.01 min
Lab File: VU028963.D
Acq: 27 Dec 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
BEZX8ME

Tgt Ion: 50 Resp: 4162

Ion	Ratio	Lower	Upper
50	100		
52	31.8	22.3	41.3

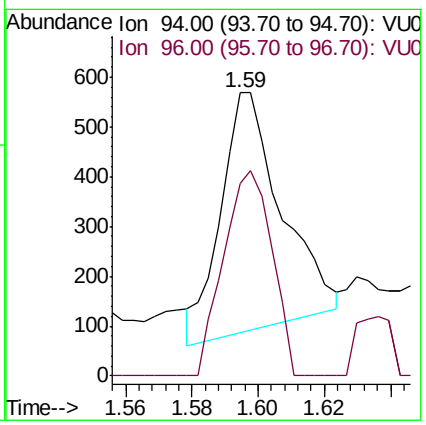


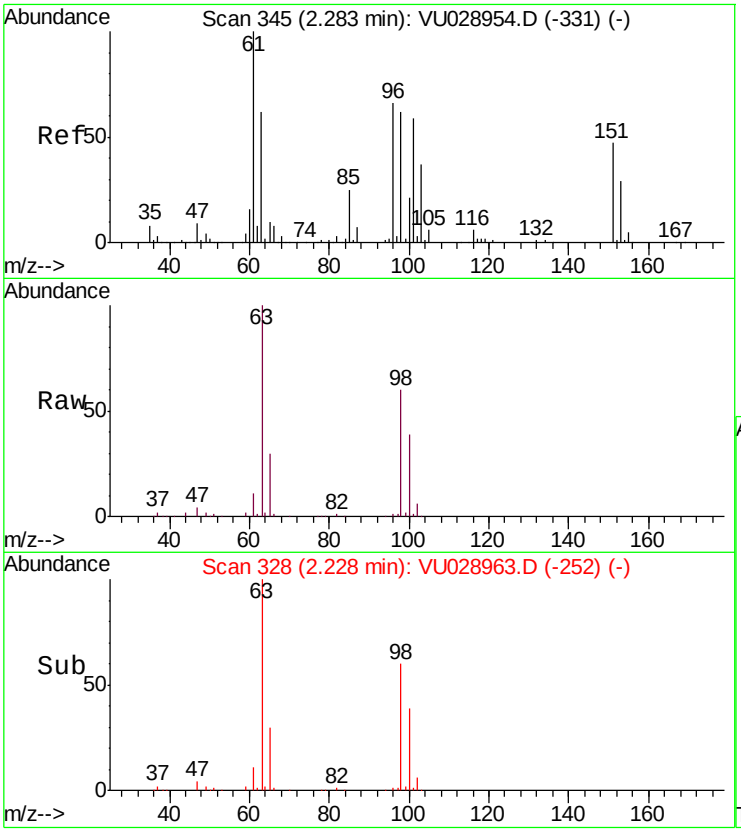


#6
Bromomethane
Concen: 0.599 ug/L
RT: 1.59 min Scan# 131
Delta R.T. -0.01 min
Lab File: VU028963.D
Acq: 27 Dec 2018 12:44

Tgt Ion: 94 Resp: 614

Ion	Ratio	Lower	Upper
94	100		
96	68.1	67.3	125.1



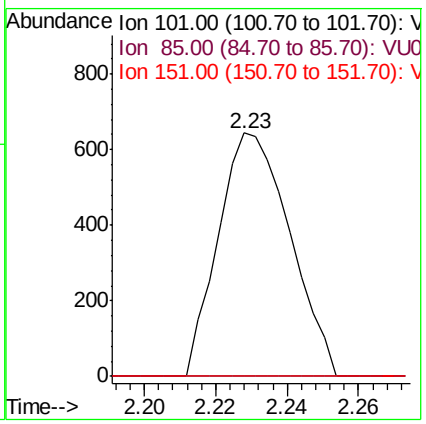


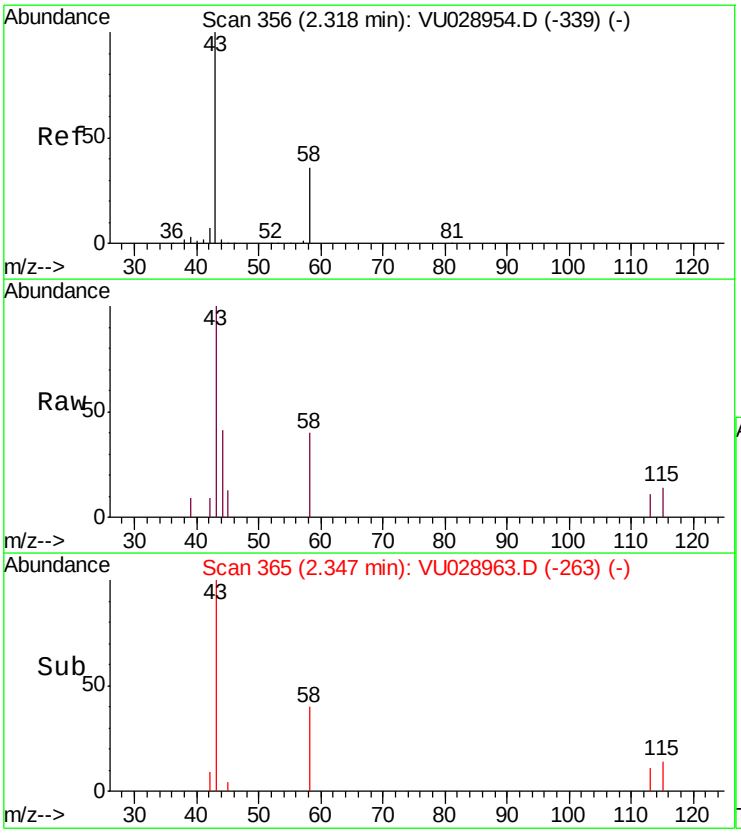
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.560 ug/L
RT: 2.23 min Scan# 328
Delta R.T. -0.05 min
Lab File: VU028963.D
Acq: 27 Dec 2018 12:44

Instrument : MSVOA_U
ClientSampleId : BEZX8ME

Tgt Ion:101 Resp: 892

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.8	50.6#
151	0.0	59.4	89.0#

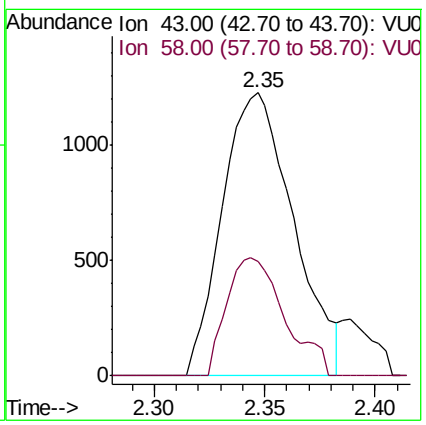


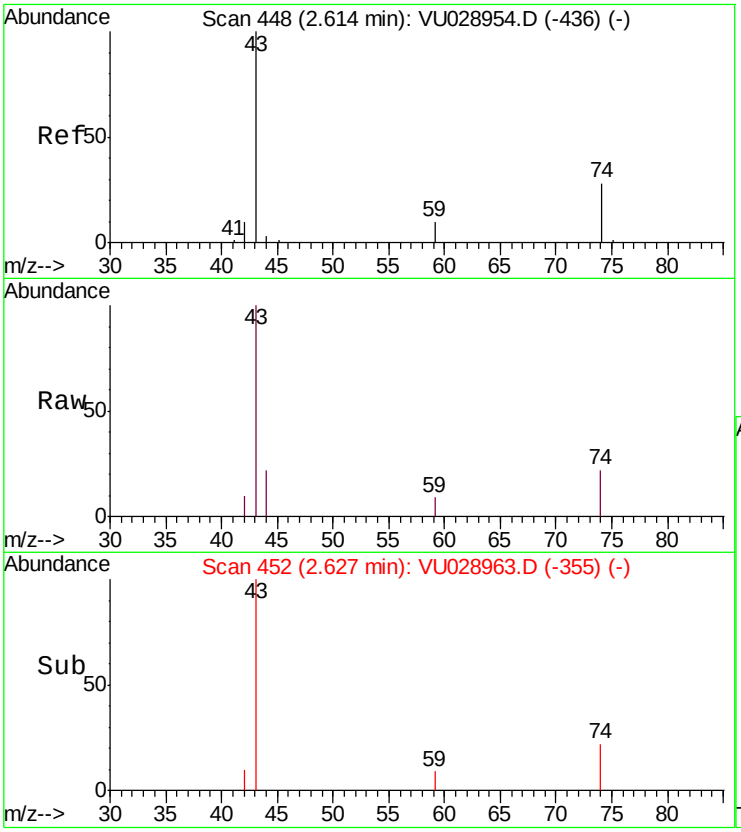


#13
Acetone
Concen: 1.953 ug/L
RT: 2.35 min Scan# 365
Delta R.T. 0.03 min
Lab File: VU028963.D
Acq: 27 Dec 2018 12:44

Tgt Ion: 43 Resp: 2747

Ion	Ratio	Lower	Upper
43	100		
58	31.0	0.0	70.2



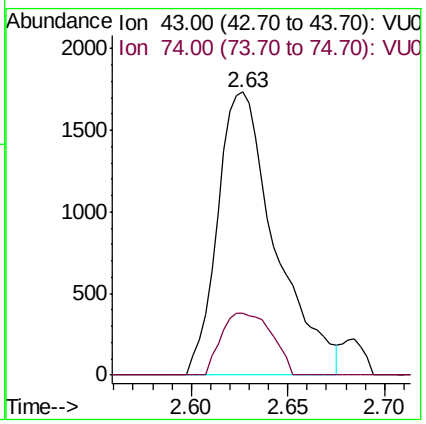


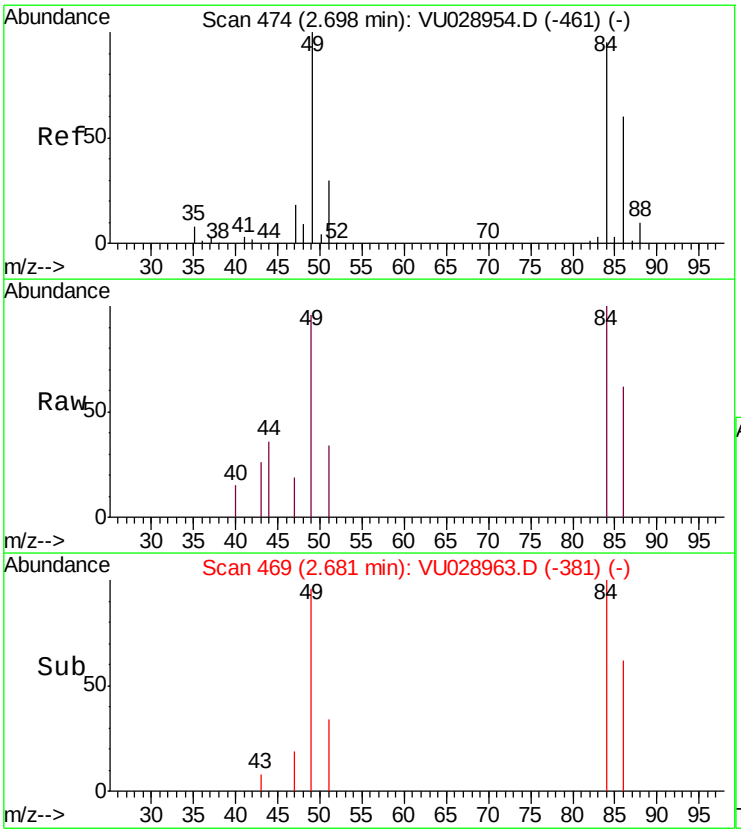
#15
Methyl Acetate
Concen: 1.639 ug/L
RT: 2.63 min Scan# 452
Delta R.T. 0.01 min
Lab File: VU028963.D
Acq: 27 Dec 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
BEZX8ME

Tgt Ion: 43 Resp: 3595

Ion	Ratio	Lower	Upper
43	100		
74	19.3	19.0	28.4

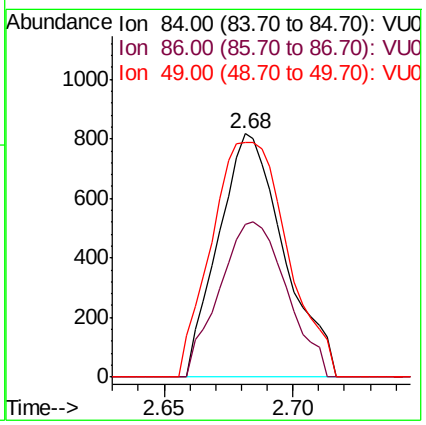


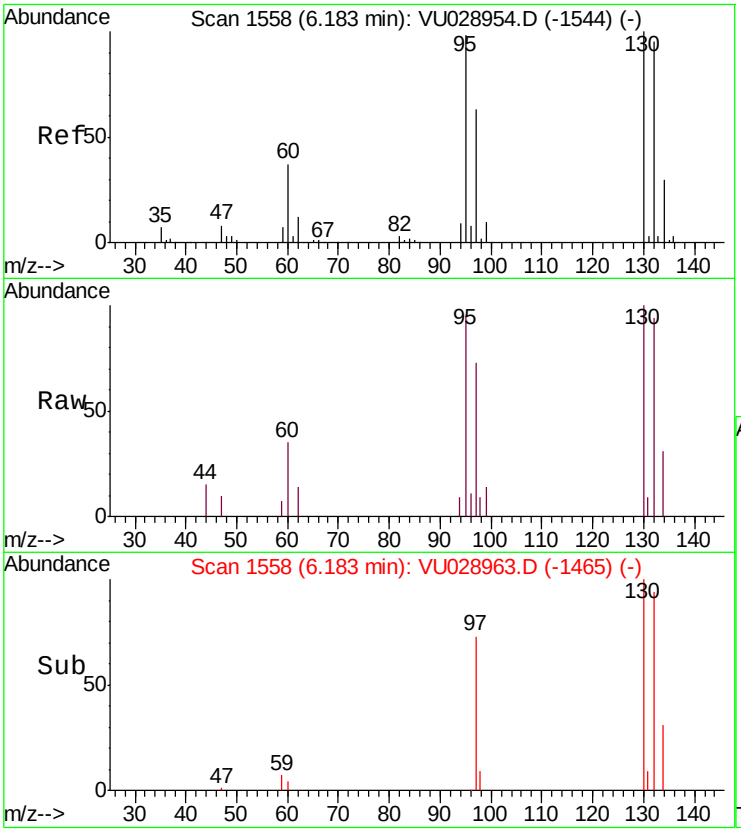


#16
Methylene chloride
Concen: 0.746 ug/L
RT: 2.68 min Scan# 469
Delta R.T. -0.02 min
Lab File: VU028963.D
Acq: 27 Dec 2018 12:44

Tgt Ion: 84 Resp: 1449

Ion	Ratio	Lower	Upper
84	100		
86	62.5	44.9	83.3
49	96.5	83.9	155.7



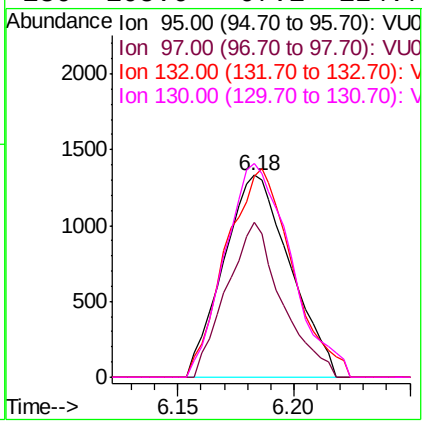


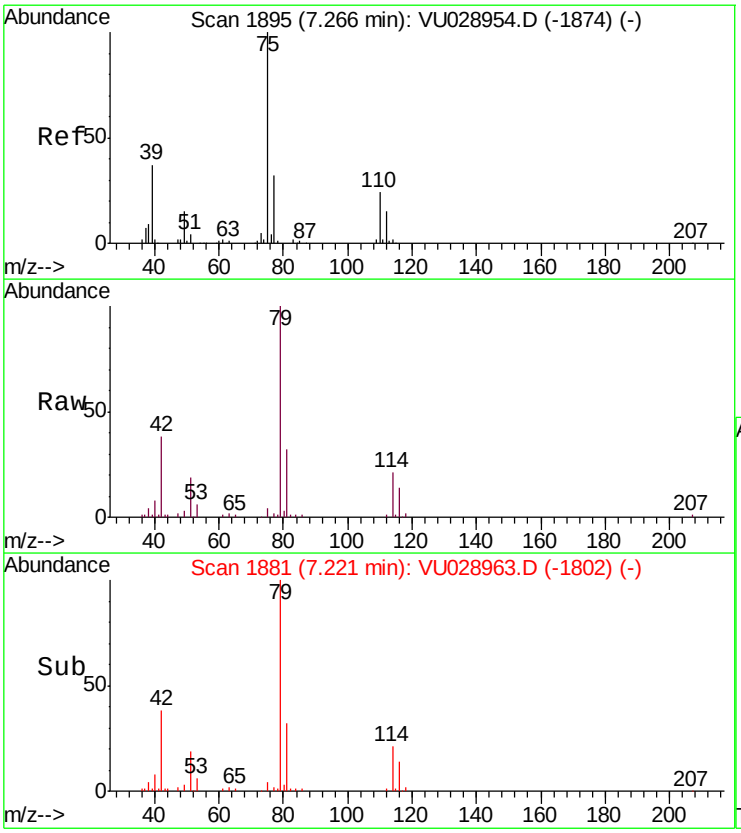
#34
Trichloroethene
Concen: 1.461 ug/L
RT: 6.18 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VU028963.D
Acq: 27 Dec 2018 12:44

Instrument :
MSVOA_U
ClientSampleId :
BEZX8ME

Tgt Ion: 95 Resp: 2647

Ion	Ratio	Lower	Upper
95	100		
97	76.7	43.3	80.3
132	99.1	64.2	119.2
130	105.6	67.1	124.7

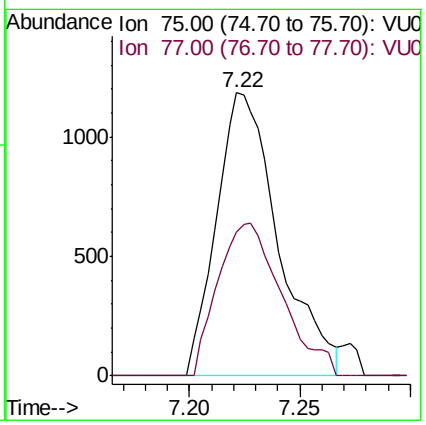


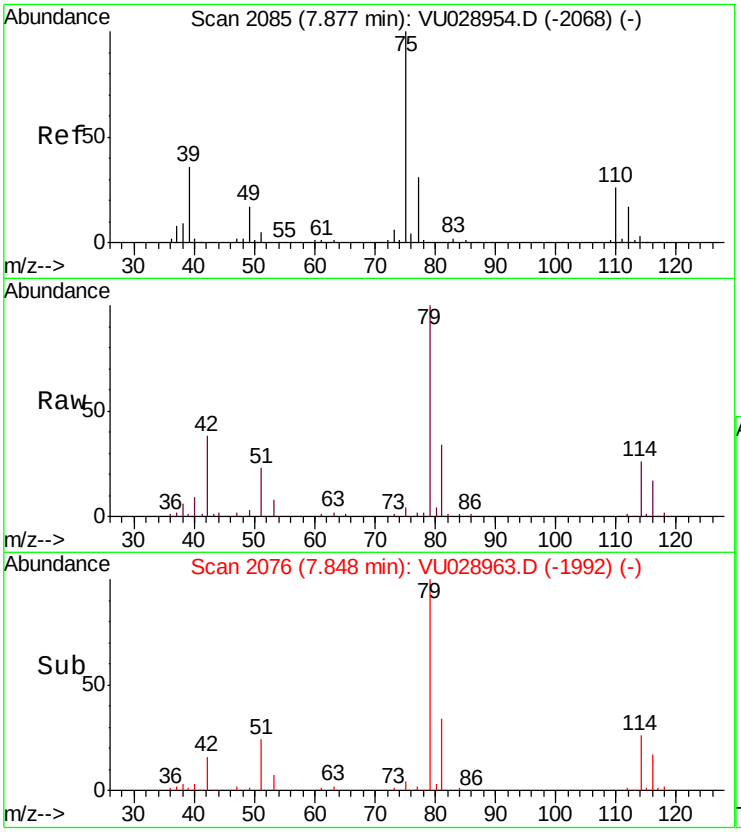


#39
cis-1,3-Dichloropropene
Concen: 0.771 ug/L
RT: 7.22 min Scan# 1881
Delta R.T. -0.05 min
Lab File: VU028963.D
Acq: 27 Dec 2018 12:44

Tgt Ion: 75 Resp: 2306

Ion	Ratio	Lower	Upper
75	100		
77	50.6	21.8	40.6#



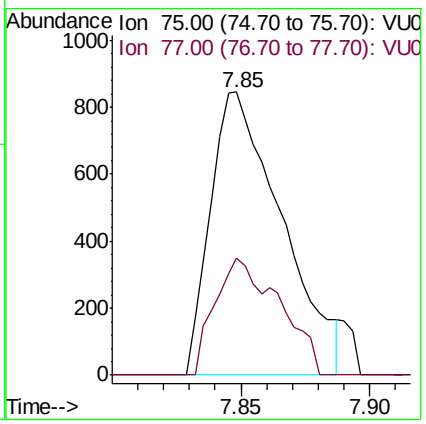


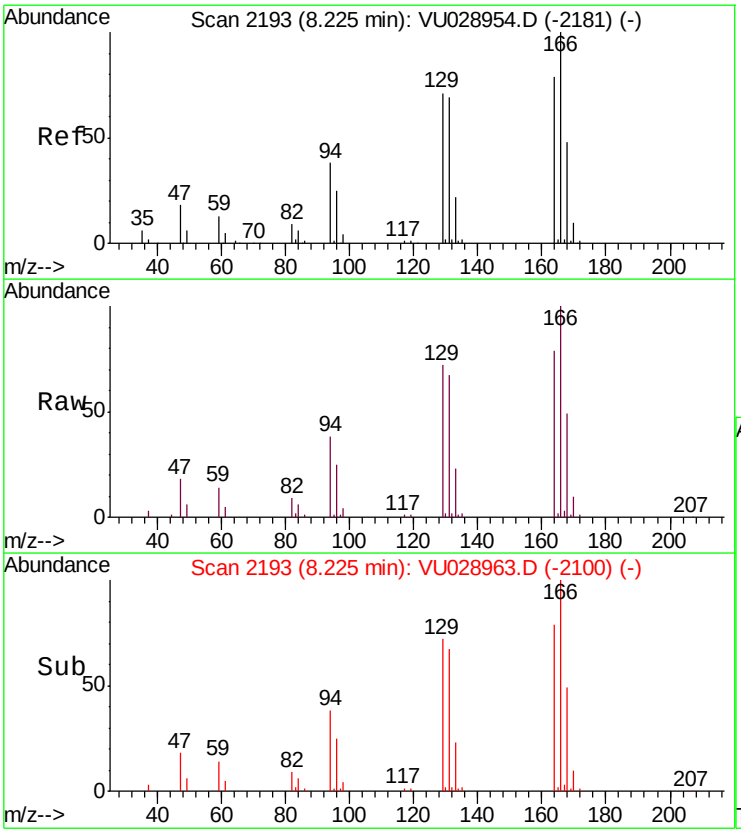
#44
trans-1,3-Dichloropropene
Concen: 0.610 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028963.D
Acq: 27 Dec 2018 12:44

Instrument : MSVOA_U
ClientSampleId : BEZX8ME

Tgt Ion: 75 Resp: 1625

Ion	Ratio	Lower	Upper
75	100		
77	41.3	21.8	40.6#

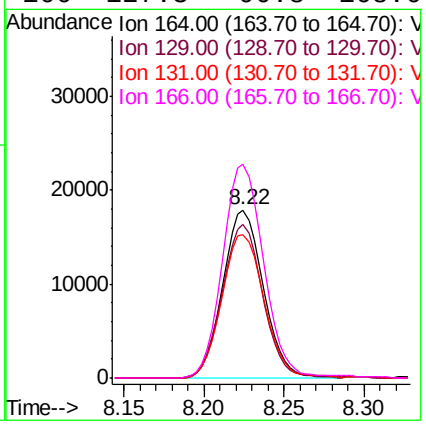


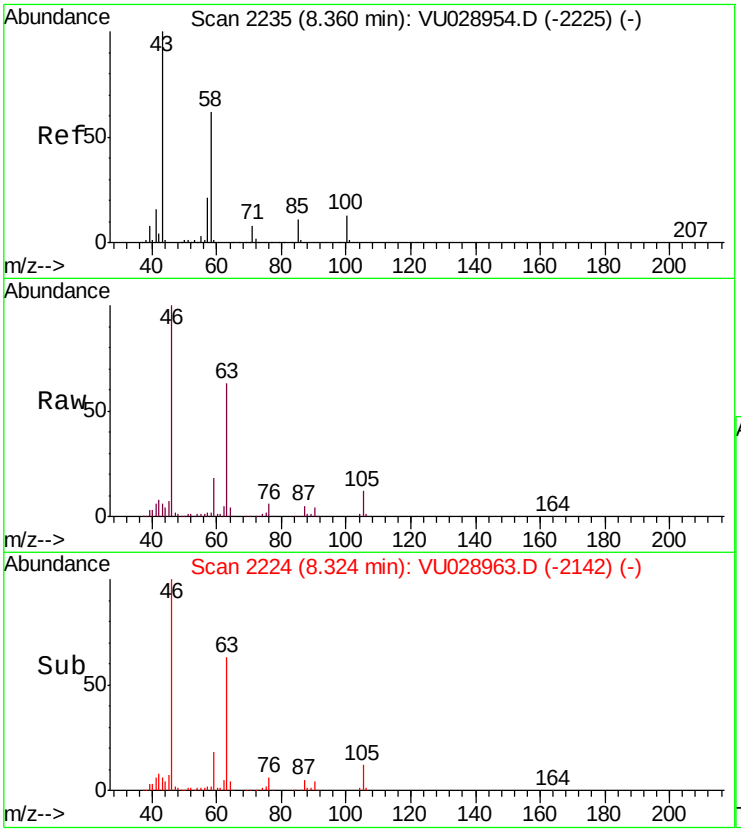


#46
Tetrachloroethene
Concen: 22.146 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028963.D
Acq: 27 Dec 2018 12:44

Tgt Ion:164 Resp: 30904

Ion	Ratio	Lower	Upper
164	100		
129	91.3	66.8	124.0
131	85.1	64.2	119.2
166	127.3	90.8	168.6



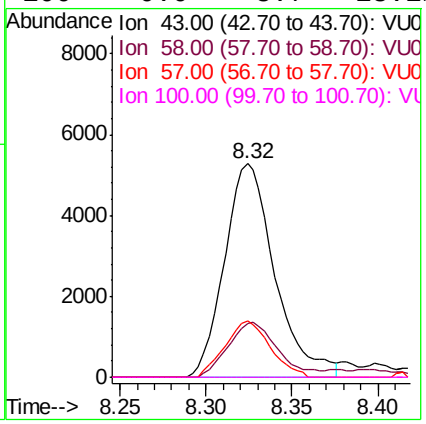


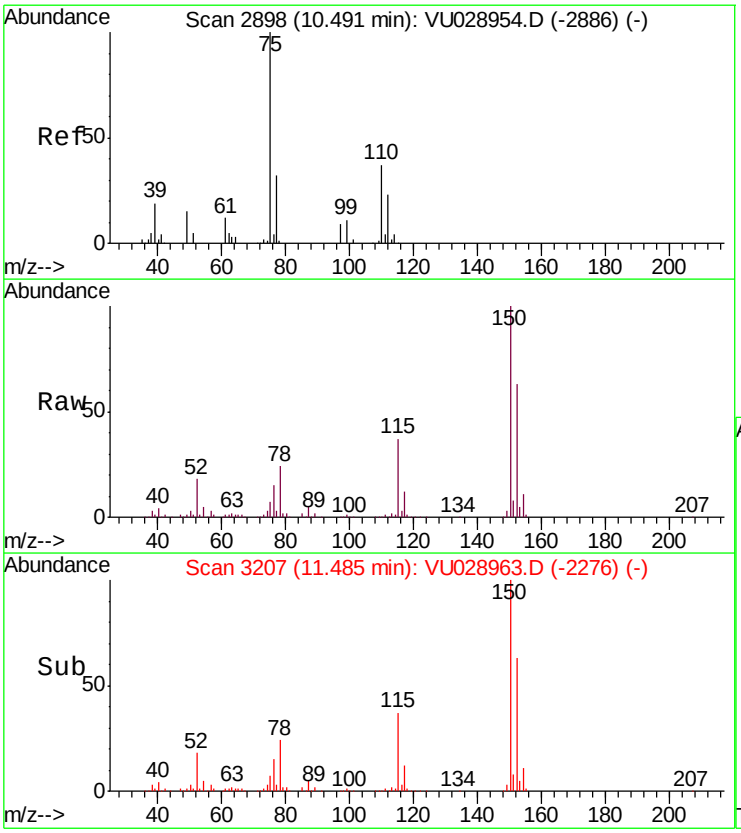
#48
2-Hexanone
Concen: 4.654 ug/L
RT: 8.32 min Scan# 2224
Delta R.T. -0.04 min
Lab File: VU028963.D
Acq: 27 Dec 2018 12:44

Instrument : MSVOA_U
ClientSampleId : BEZX8ME

Tgt Ion: 43 Resp: 10772

Ion	Ratio	Lower	Upper
43	100		
58	24.3	45.9	68.9#
57	23.6	15.0	22.4#
100	0.0	8.7	13.1#





#59
1,2,3-Trichloropropane
Concen: 5.082 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028963.D
Acq: 27 Dec 2018 12:44

Tgt Ion: 75 Resp: 12724

Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.5	38.3