Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052219\

Quantitation Report (Not Reviewed)

Data File : VU032237.D
Acq On : 22 May 2019 21:17
Operator : JC/SP
Sample : K2888-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BN9

Quant Time: May 23 01:53:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	371074	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	386356	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	152682	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	113320	5.44	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.80%			
7) Chloroethane-d5	1.68	69	99542	5.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.40%			
11) 1,1-Dichloroethene-d2	2.27	63	167595	4.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.20%			
20) 2-Butanone-d5	4.20	46	246353	41.91	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.82%			
24) Chloroform-d	4.64	84	222778	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.60%			
26) 1,2-Dichloroethane-d4	5.31	65	110499	3.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.40%			
32) Benzene-d6	5.33	84	456784	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.40%			
36) 1,2-Dichloropropane-d6	6.33	67	134835	3.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 75.80%			
41) Toluene-d8	7.56	98	375429	3.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.40%			
43) trans-1,3-Dichloropropene-	7.85	79	45421	3.32	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 66.40%			
46) 2-Hexanone-d5	8.31	63	205661	39.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.84%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	103342	2.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 58.40%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	138146	3.28	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 65.60%#			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	2838	0.178	ug/L #	80
12) 1,1-Dichloroethene	2.27	96	1883	0.143	ug/L #	1
13) Acetone	2.33	43	5770	3.168	ug/L	98
21) 2-Butanone	4.41	43	20725	7.543	ug/L #	45
35) Methylcyclohexane	6.33	83	32147	1.556	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	13247	1.053	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2909	0.162	ug/L #	57
44) trans-1,3-Dichloropropene	7.86	75	1822	0.129	ug/L #	79
47) Tetrachloroethene	8.22	164	1544	0.133	ug/L	84
48) 2-Hexanone	8.37	43	9484	1.944	ug/L #	63
49) Dibromochloromethane	8.22	129	1231	0.111	ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	15759	1.923	ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052219\

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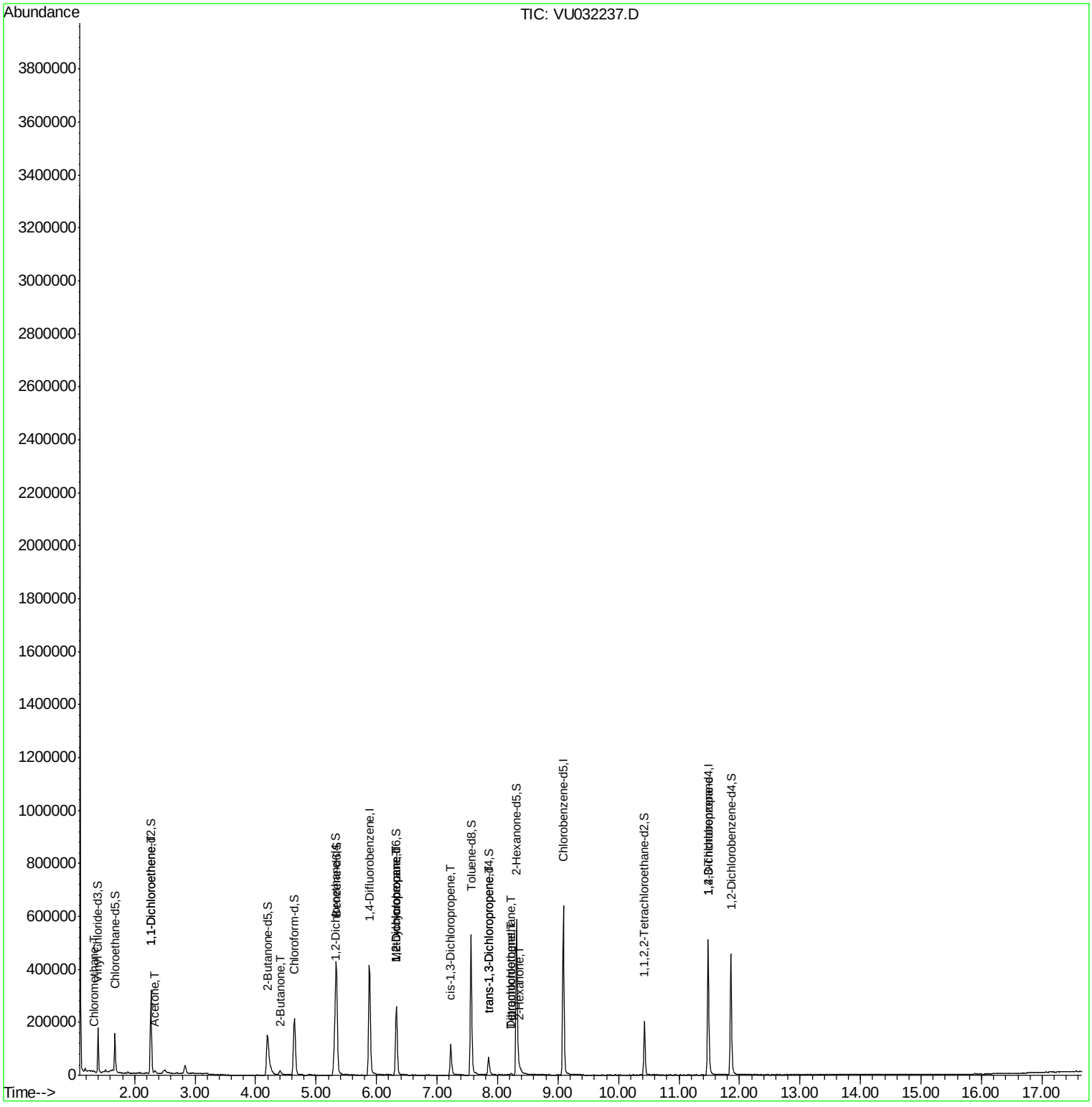
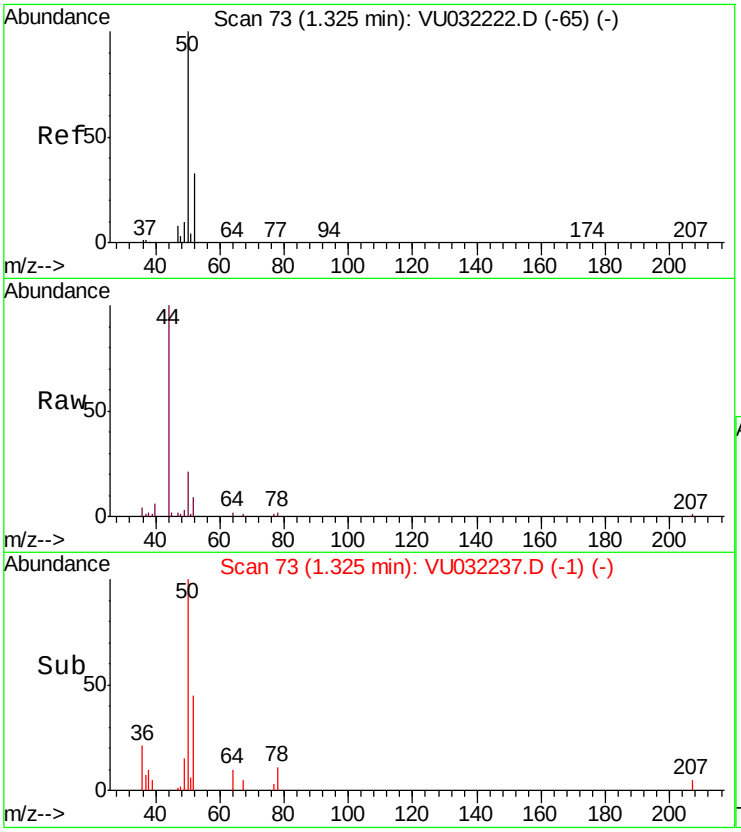
Quant Time: May 23 01:53:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration



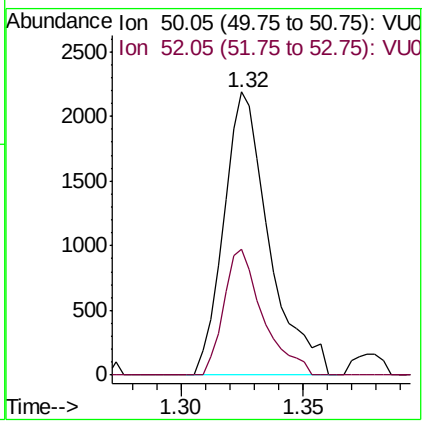


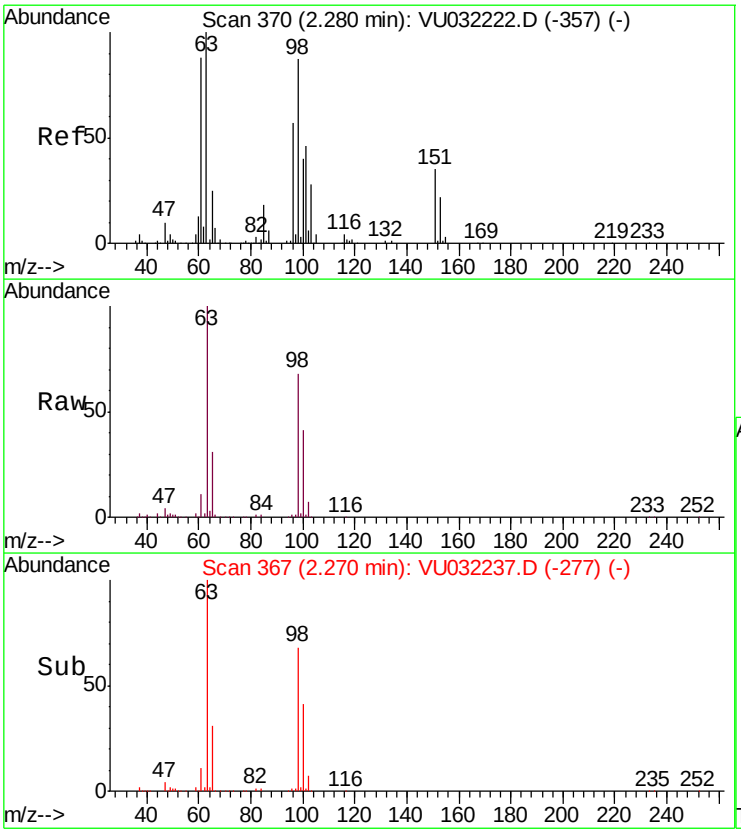
#3
Chloromethane
Concen: 0.178 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU032237.D
Acq: 22 May 2019 21:17

Instrument : MSVOA_U
ClientSampleId : C0BN9

Tgt Ion: 50 Resp: 2838

Ion	Ratio	Lower	Upper
50	100		
52	44.7	23.3	43.3#

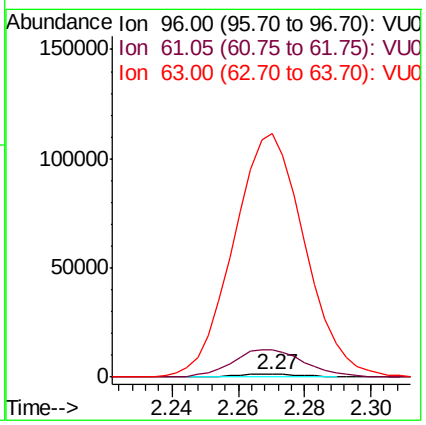


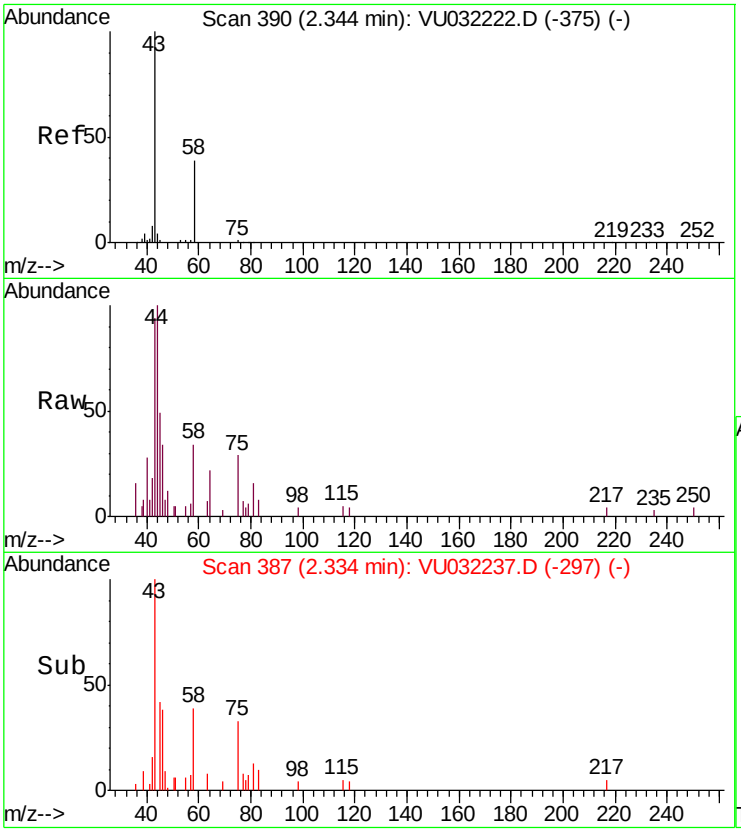


#12
1,1-Dichloroethene
Concen: 0.143 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032237.D
Acq: 22 May 2019 21:17

Tgt Ion: 96 Resp: 1883

Ion	Ratio	Lower	Upper
96	100		
61	1000.7	113.8	211.3#
63	9008.7	108.8	202.2#



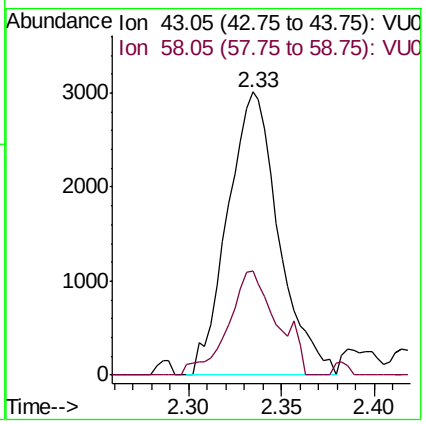


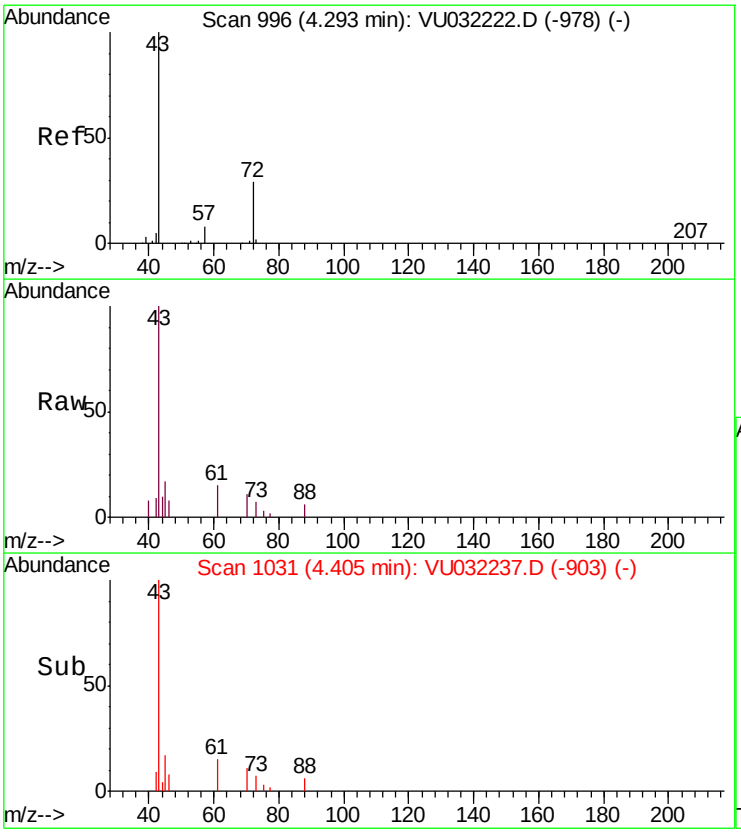
#13
Acetone
Concen: 3.168 ug/L
RT: 2.33 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU032237.D
Acq: 22 May 2019 21:17

Instrument :
MSVOA_U
ClientSampleId :
C0BN9

Tgt Ion: 43 Resp: 5770

Ion	Ratio	Lower	Upper
43	100		
58	35.1	0.0	72.6

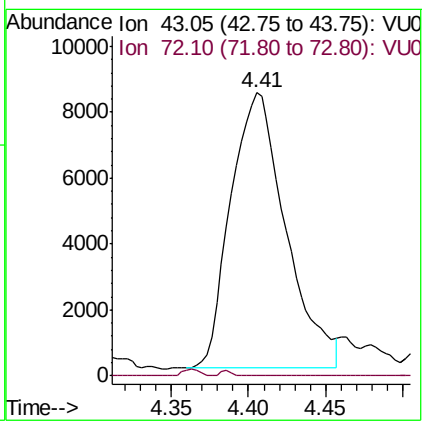


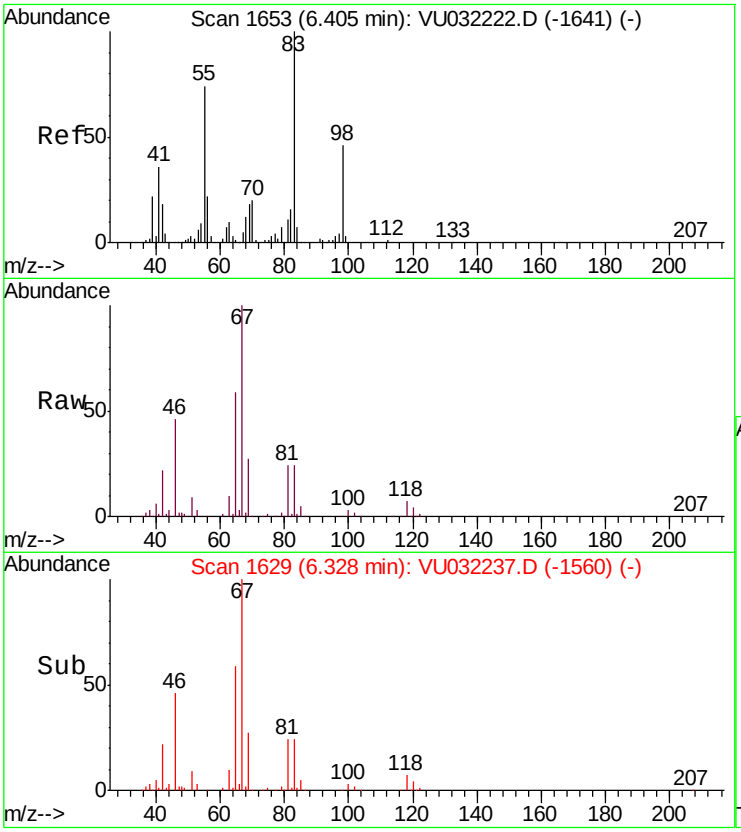


#21
2-Butanone
Concen: 7.543 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.11 min
Lab File: VU032237.D
Acq: 22 May 2019 21:17

Tgt Ion: 43 Resp: 20725

Ion	Ratio	Lower	Upper
43	100		
72	0.4	15.2	45.6#



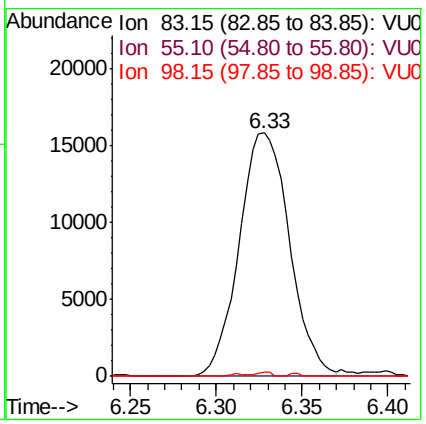


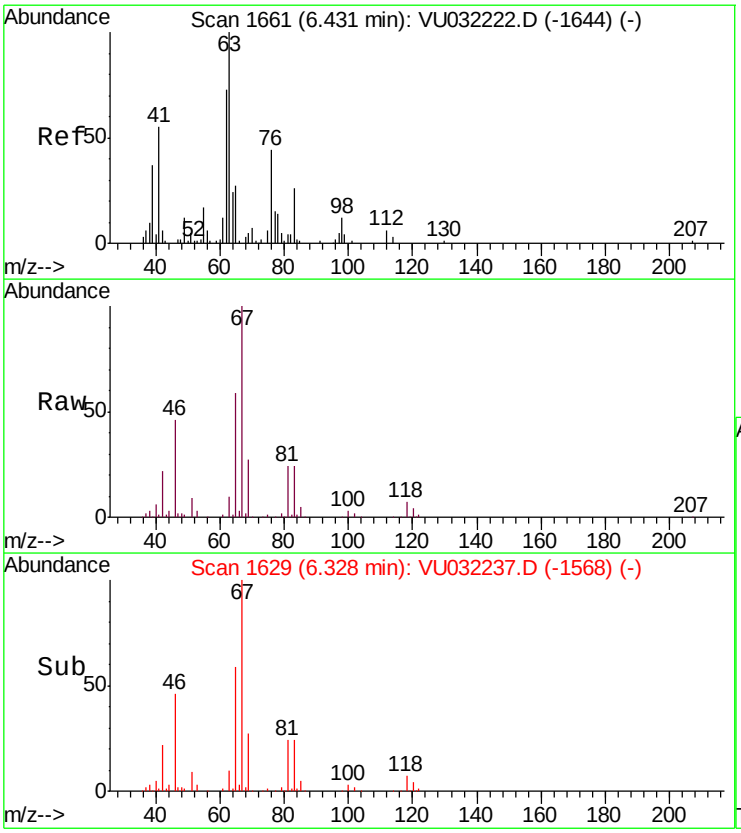
#35
Methylcyclohexane
Concen: 1.556 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032237.D
Acq: 22 May 2019 21:17

Instrument :
MSVOA_U
ClientSampleId :
C0BN9

Tgt Ion: 83 Resp: 32147

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.7	89.5#
98	0.5	37.5	56.3#

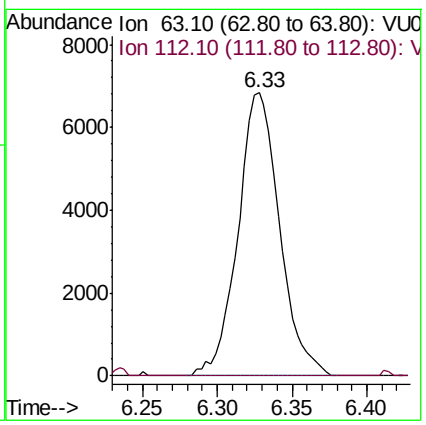


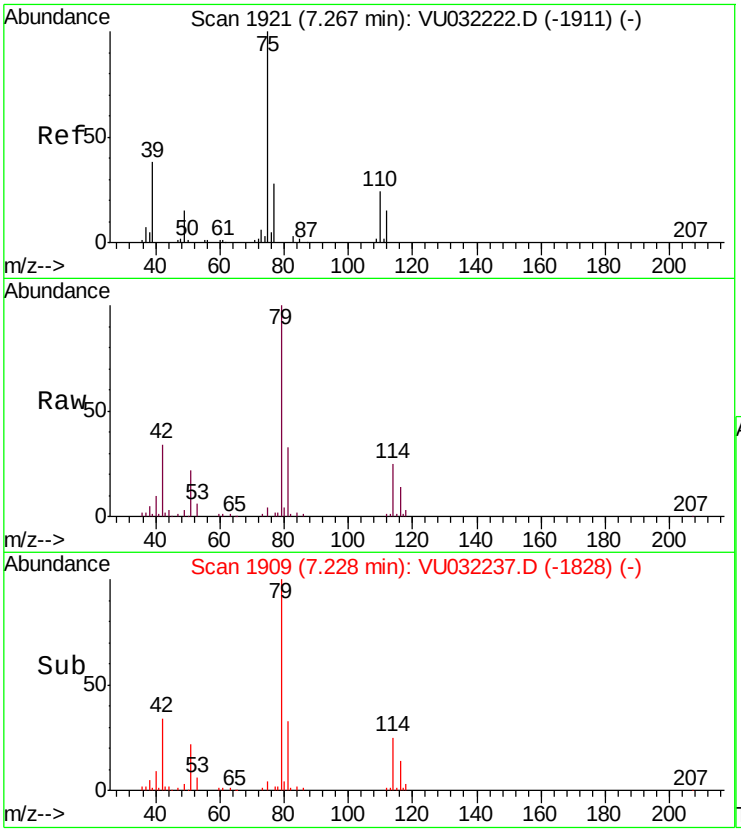


#37
1,2-Dichloropropane
Concen: 1.053 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032237.D
Acq: 22 May 2019 21:17

Tgt Ion: 63 Resp: 13247

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.8	5.8#



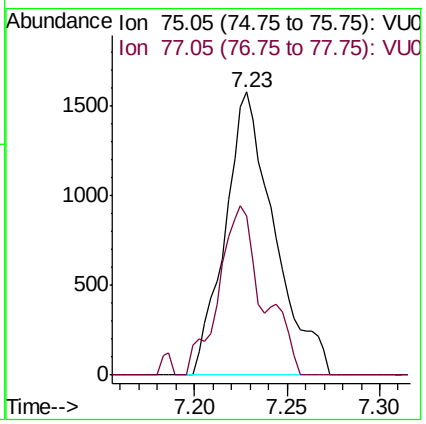


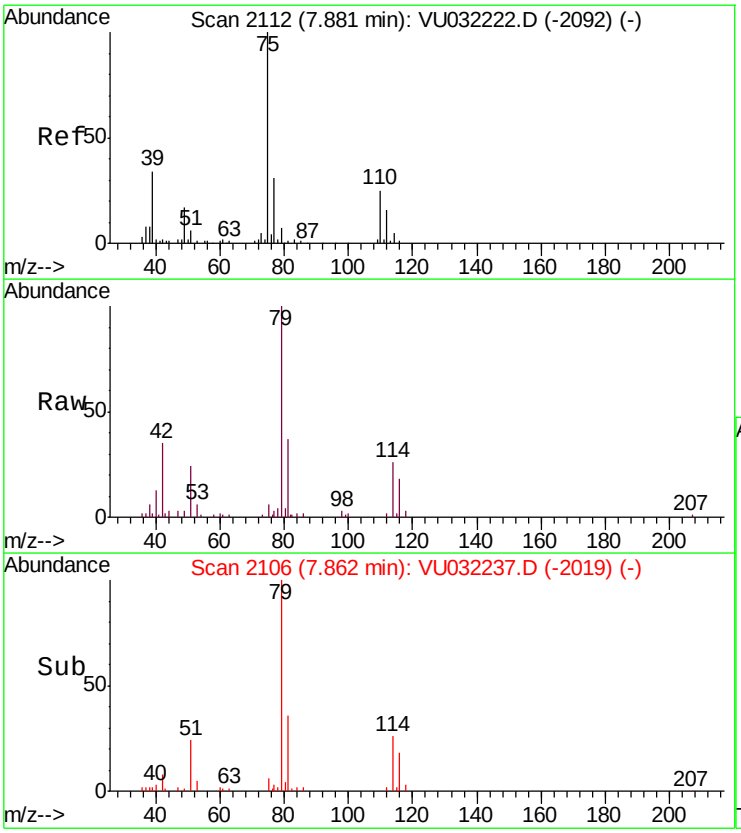
#39
cis-1,3-Dichloropropene
Concen: 0.162 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU032237.D
Acq: 22 May 2019 21:17

Instrument :
MSVOA_U
ClientSampleId :
C0BN9

Tgt Ion: 75 Resp: 2909

Ion	Ratio	Lower	Upper
75	100		
77	56.3	22.6	42.0#

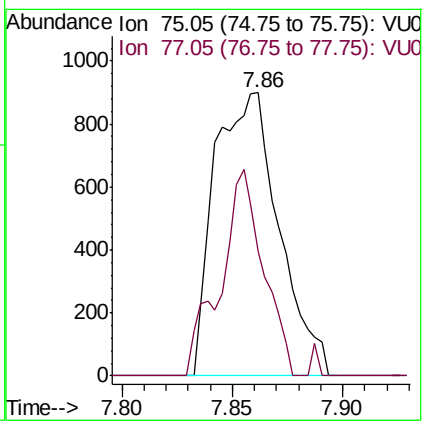


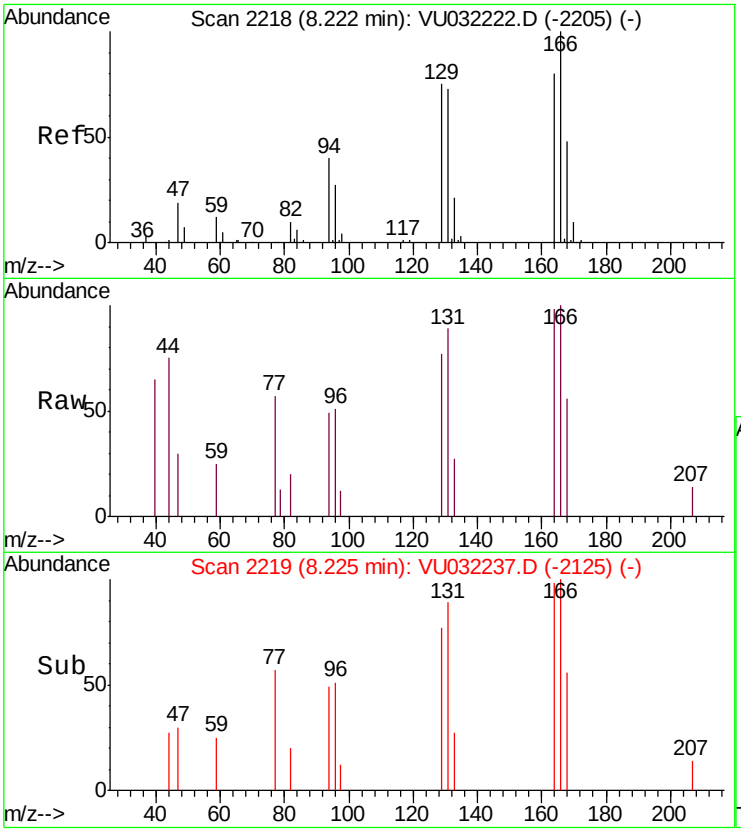


#44
trans-1,3-Dichloropropene
Concen: 0.129 ug/L
RT: 7.86 min Scan# 2106
Delta R.T. -0.02 min
Lab File: VU032237.D
Acq: 22 May 2019 21:17

Tgt Ion: 75 Resp: 1822

Ion	Ratio	Lower	Upper
75	100		
77	43.8	22.5	41.9#



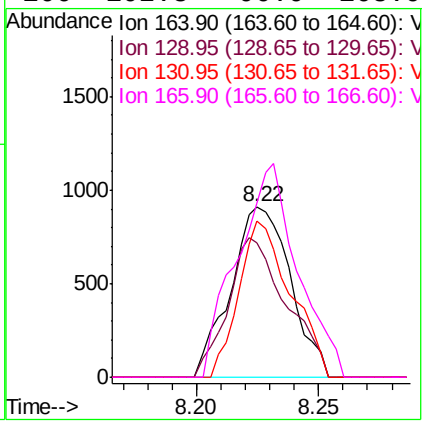


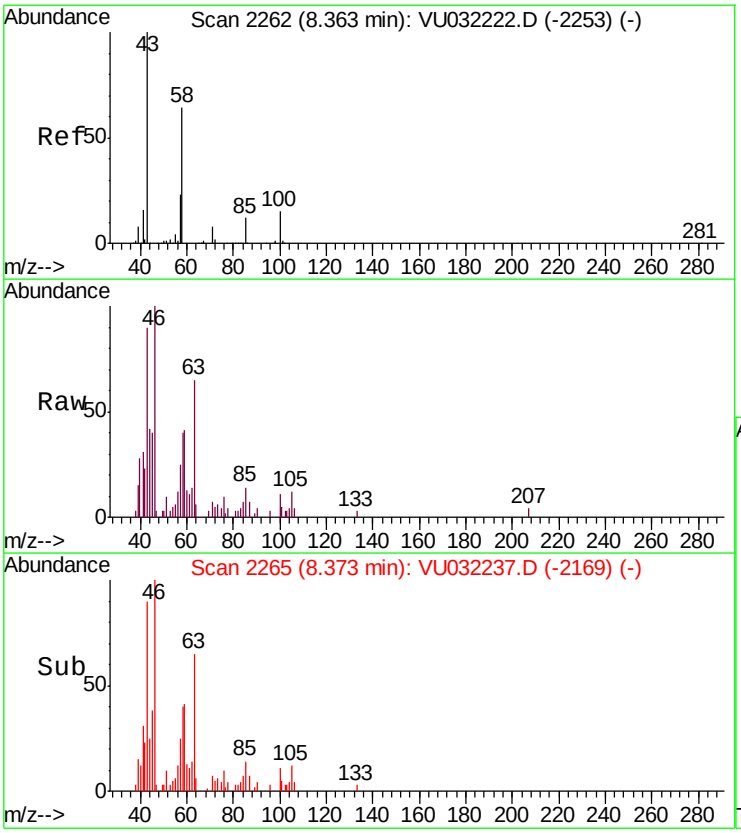
#47
Tetrachloroethene
Concen: 0.133 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032237.D
Acq: 22 May 2019 21:17

Instrument :
MSVOA_U
ClientSampleId :
C0BN9

Tgt Ion:164 Resp: 1544

Ion	Ratio	Lower	Upper
164	100		
129	78.9	67.1	124.7
131	91.4	62.2	115.4
166	102.3	90.9	168.9

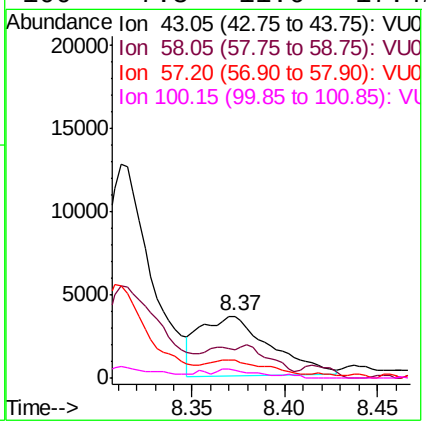


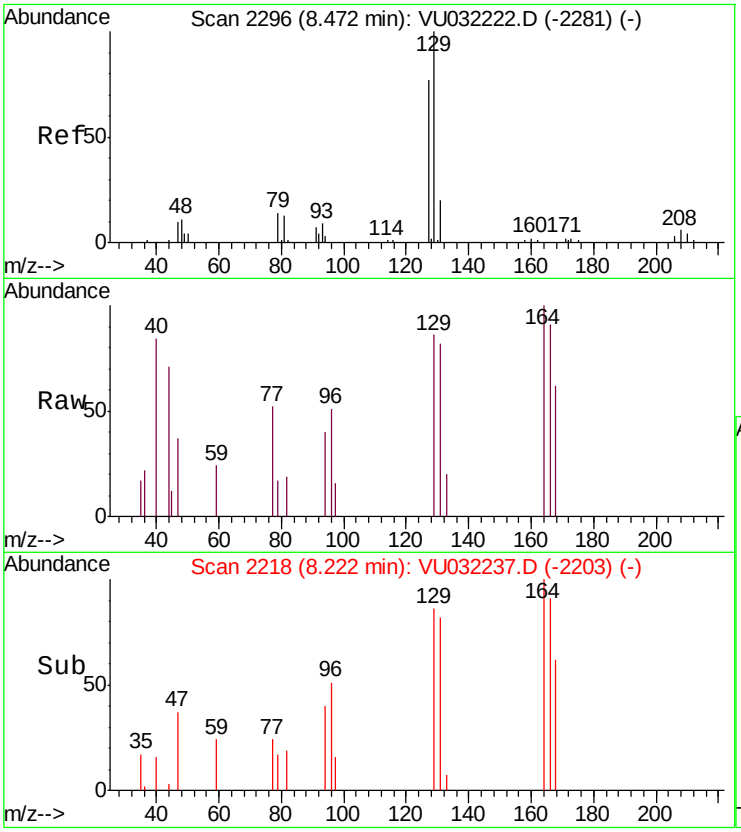


#48
2-Hexanone
Concen: 1.944 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU032237.D
Acq: 22 May 2019 21:17

Tgt Ion: 43 Resp: 9484

Ion	Ratio	Lower	Upper
43	100		
58	21.2	49.7	74.5#
57	19.9	17.1	25.7
100	7.3	11.6	17.4#



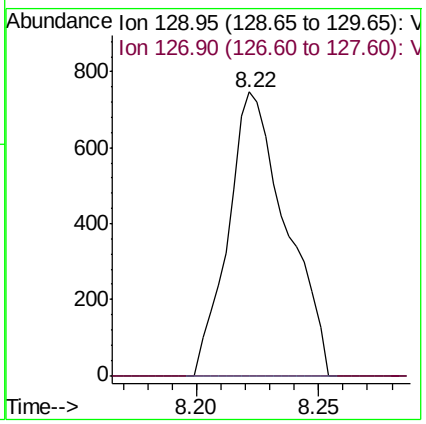


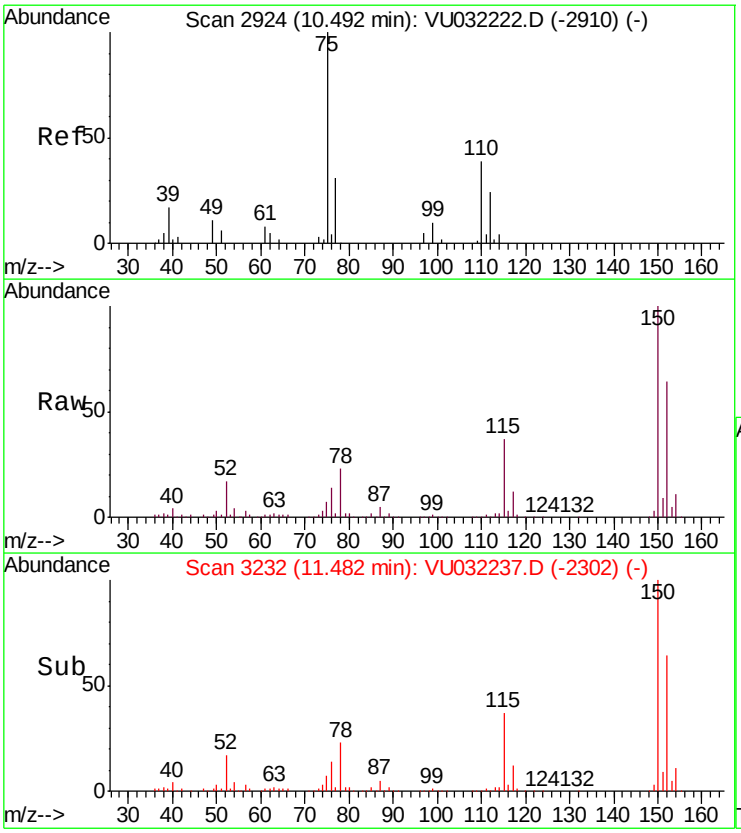
#49
Dibromochloromethane
Concen: 0.111 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032237.D
Acq: 22 May 2019 21:17

Instrument : MSVOA_U
ClientSampleId : C0BN9

Tgt Ion:129 Resp: 1231

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.7	95.9#





#59
1,2,3-Trichloropropane
Concen: 1.923 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032237.D
Acq: 22 May 2019 21:17

Tgt Ion: 75 Resp: 15759

Ion	Ratio	Lower	Upper
75	100		
77	37.2	28.2	42.4