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

Quantitation Report (Not Reviewed)

Data File : VU032236.D
Acq On : 22 May 2019 20:52
Operator : JC/SP
Sample : K2888-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BN8

Quant Time: May 23 01:52:48 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	381738	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	390254	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153285	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	113599	5.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.00%			
7) Chloroethane-d5	1.68	69	97109	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.20%			
11) 1,1-Dichloroethene-d2	2.27	63	171334	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.80%			
20) 2-Butanone-d5	4.20	46	241095	39.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.74%			
24) Chloroform-d	4.64	84	219260	4.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.00%			
26) 1,2-Dichloroethane-d4	5.31	65	109061	3.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.20%			
32) Benzene-d6	5.33	84	455029	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.20%			
36) 1,2-Dichloropropane-d6	6.33	67	131689	3.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 73.20%			
41) Toluene-d8	7.56	98	385290	3.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.60%			
43) trans-1,3-Dichloropropene-	7.85	79	44963	3.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 65.00%			
46) 2-Hexanone-d5	8.31	63	214389	41.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.40%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	104699	2.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 58.60%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	140818	3.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 66.60%#			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	3559	0.218	ug/L	84
12) 1,1-Dichloroethene	2.27	96	1739	0.128	ug/L #	1
13) Acetone	2.33	43	6822	3.641	ug/L	100
15) Methyl Acetate	2.50	43	18869	3.432	ug/L #	41
27) 1,2-Dichloroethane	5.33	62	2646	0.187	ug/L #	73
35) Methylcyclohexane	6.33	83	31454	1.507	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	13536	1.065	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	2746	0.152	ug/L	90
44) trans-1,3-Dichloropropene	7.86	75	1930	0.136	ug/L #	64
45) 1,1,2-Trichloroethane	8.22	97	4428	0.451	ug/L #	2
47) Tetrachloroethene	8.22	164	606472	51.854	ug/L	98
48) 2-Hexanone	8.37	43	8156	1.655	ug/L #	88
49) Dibromochloromethane	8.22	129	563583	50.446	ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	16224	1.960	ug/L	96

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

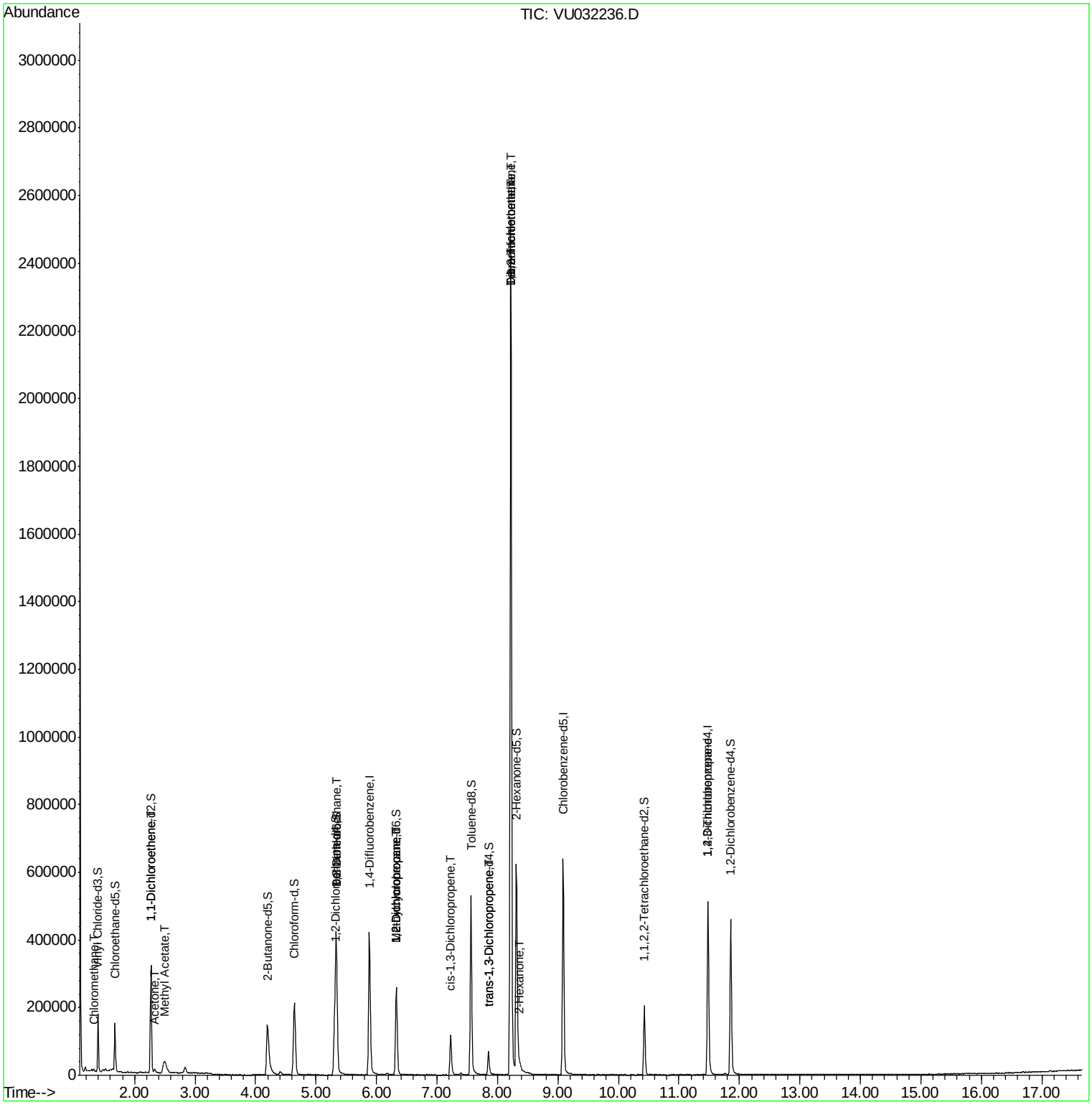
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052219\

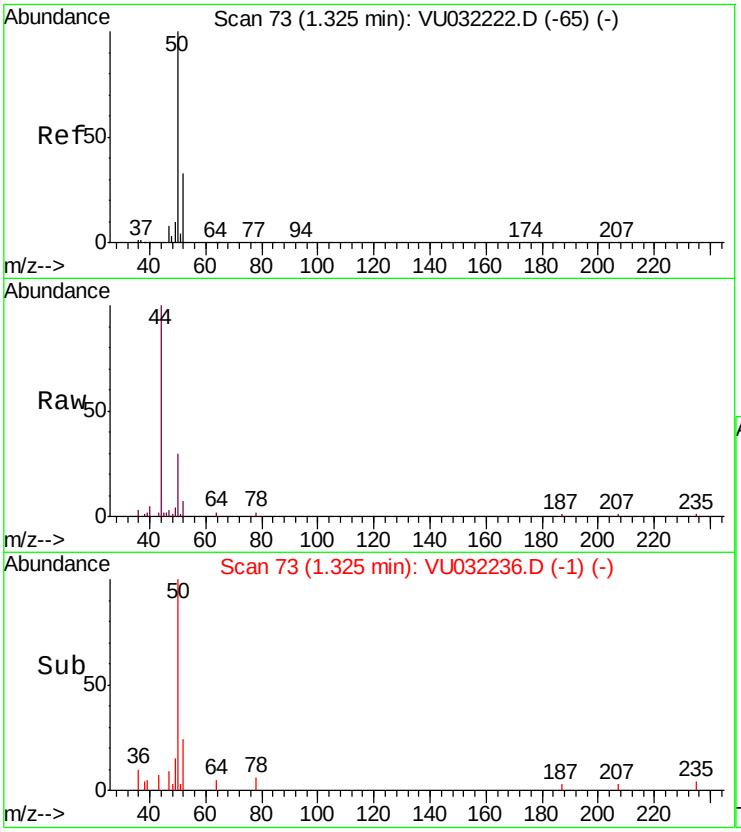
Quantitation Report (Not Reviewed)

Data File : VU032236.D
Acq On : 22 May 2019 20:52
Operator : JC/SP
Sample : K2888-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN8

Quant Time: May 23 01:52:48 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



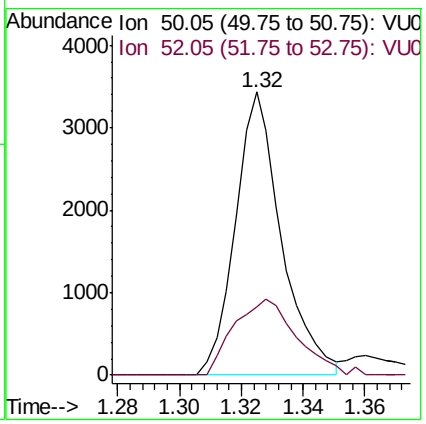


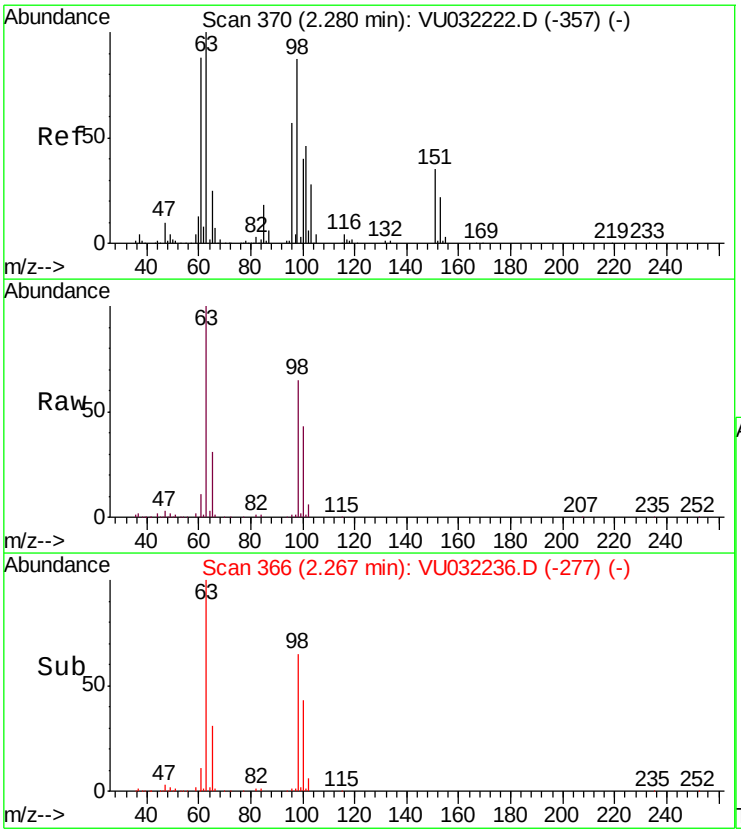
#3
Chloromethane
Concen: 0.218 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU032236.D
Acq: 22 May 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :
C0BN8

Tgt Ion: 50 Resp: 3559

Ion	Ratio	Lower	Upper
50	100		
52	24.2	23.3	43.3

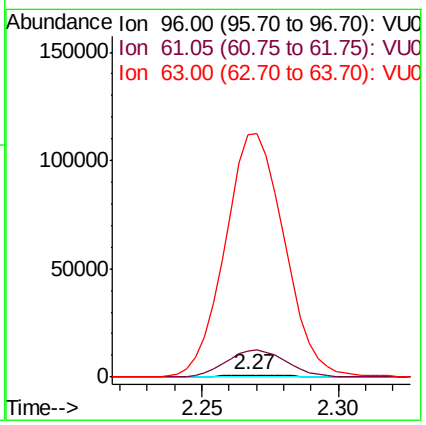


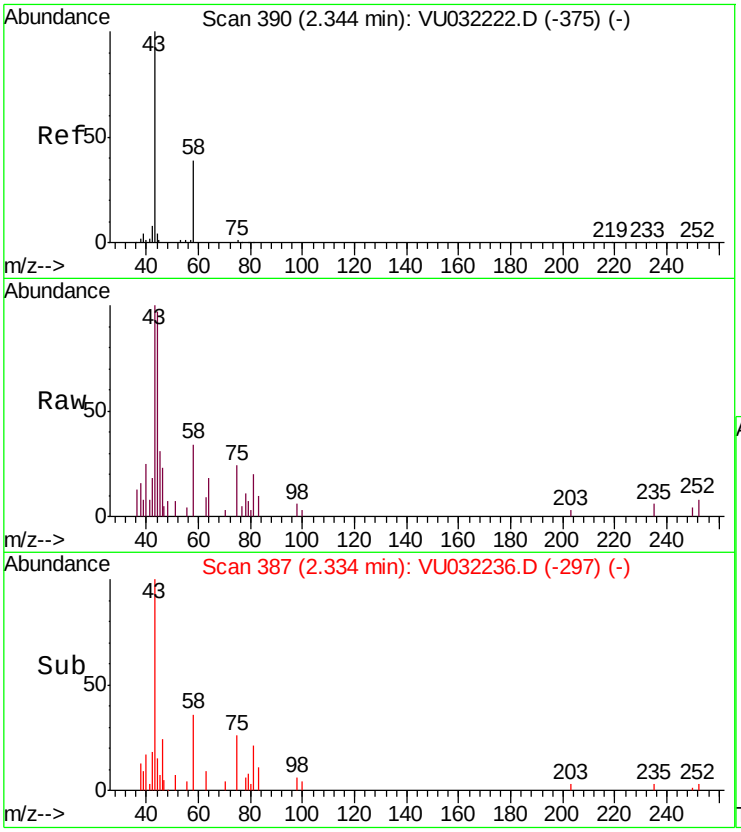


#12
1,1-Dichloroethene
Concen: 0.128 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032236.D
Acq: 22 May 2019 20:52

Tgt Ion: 96 Resp: 1739

Ion	Ratio	Lower	Upper
96	100		
61	1130.7	113.8	211.3#
63	10380.7	108.8	202.2#



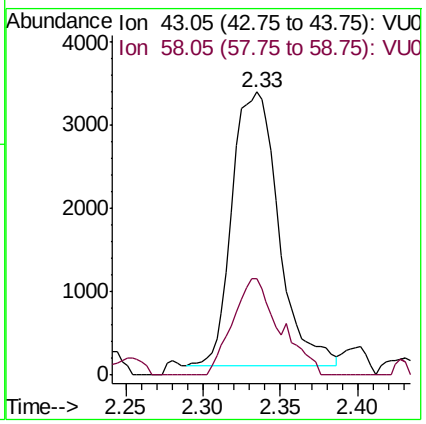


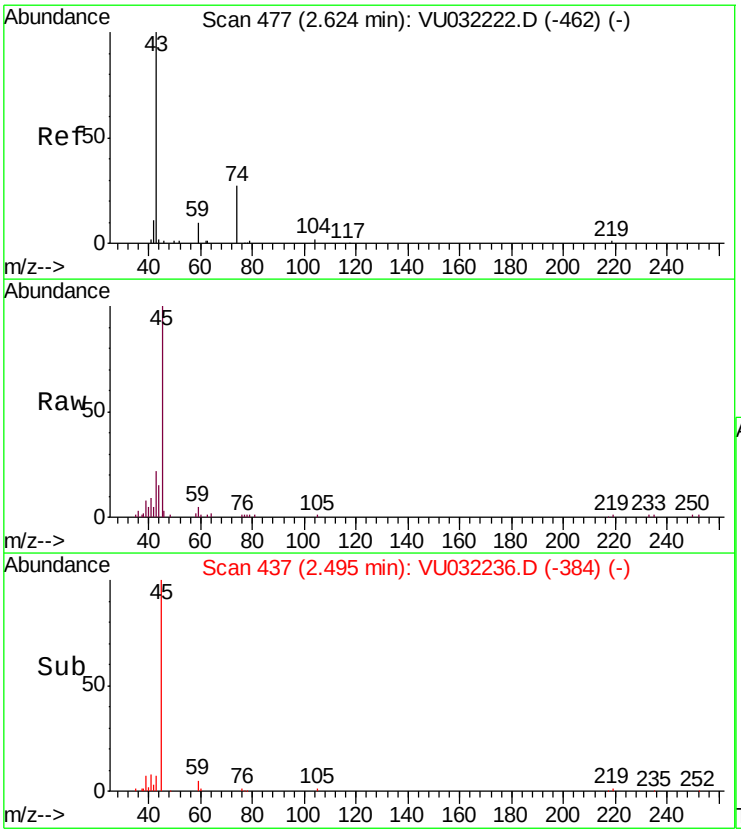
#13
Acetone
Concen: 3.641 ug/L
RT: 2.33 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU032236.D
Acq: 22 May 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :
C0BN8

Tgt Ion: 43 Resp: 6822

Ion	Ratio	Lower	Upper
43	100		
58	36.3	0.0	72.6

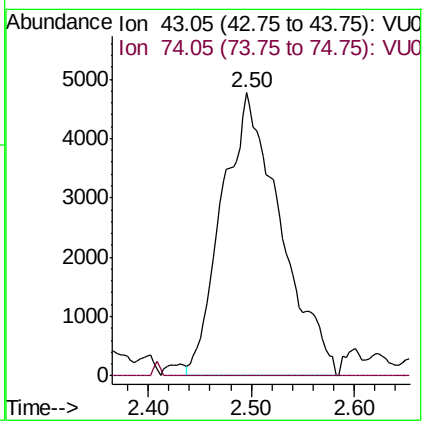


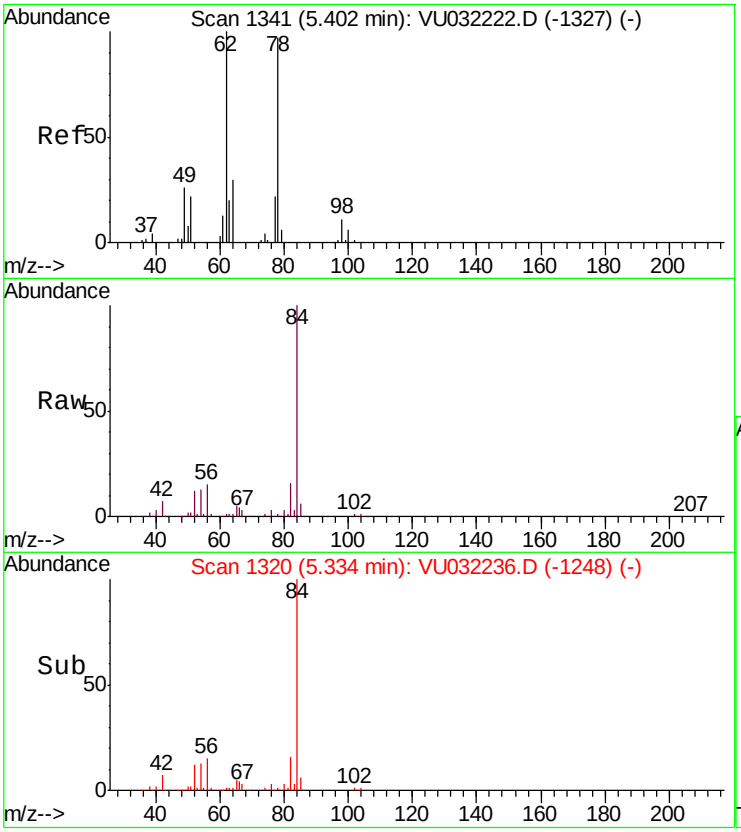


#15
Methyl Acetate
Concen: 3.432 ug/L
RT: 2.50 min Scan# 437
Delta R.T. -0.13 min
Lab File: VU032236.D
Acq: 22 May 2019 20:52

Tgt Ion: 43 Resp: 18869

Ion	Ratio	Lower	Upper
43	100		
74	0.5	27.3	40.9#



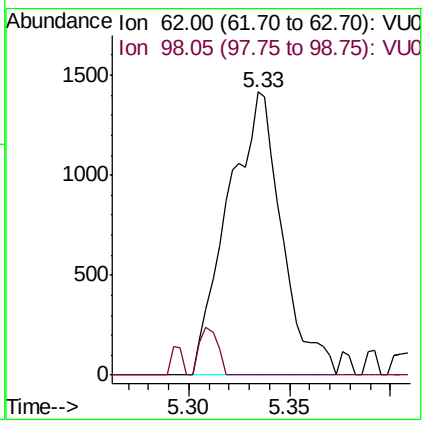


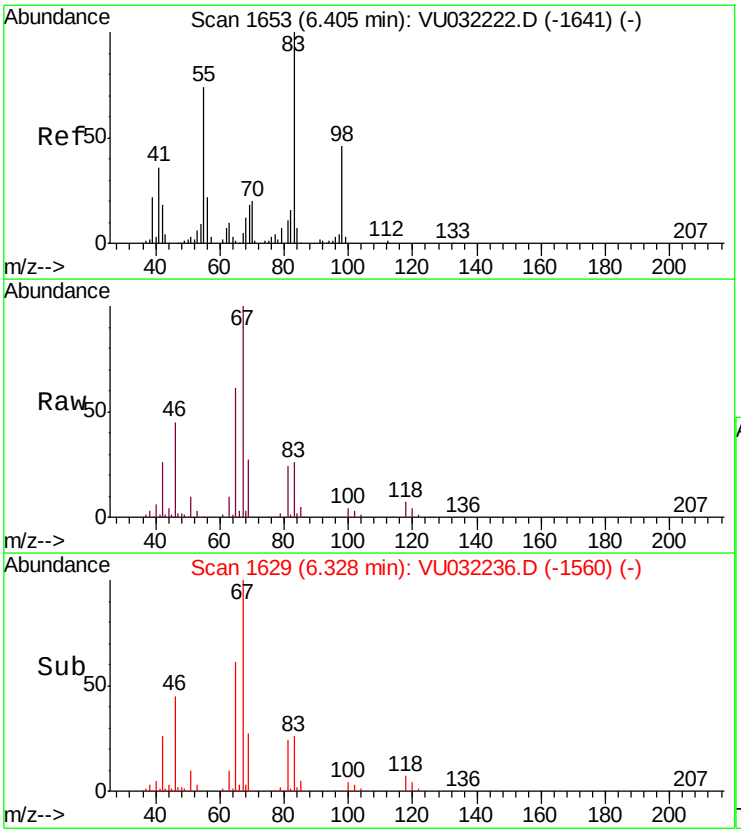
#27
1,2-Dichloroethane
Concen: 0.187 ug/L
RT: 5.33 min Scan# 1320
Delta R.T. -0.07 min
Lab File: VU032236.D
Acq: 22 May 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :
C0BN8

Tgt Ion: 62 Resp: 2646

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.2#

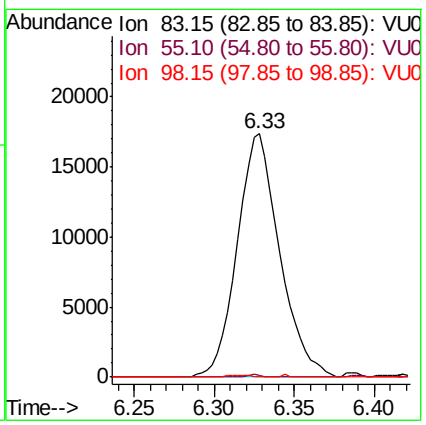


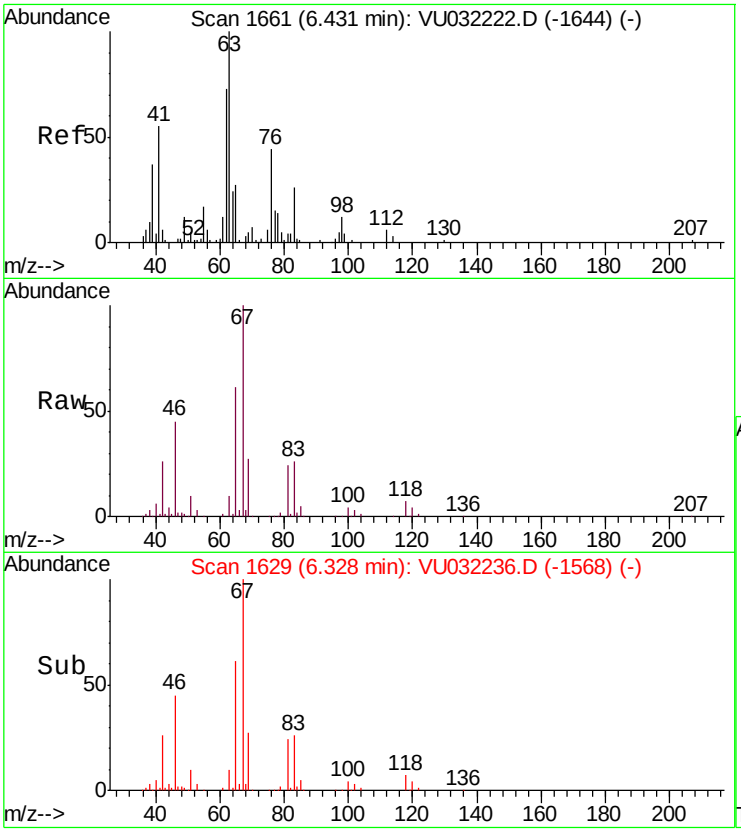


#35
Methylcyclohexane
Concen: 1.507 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032236.D
Acq: 22 May 2019 20:52

Tgt Ion: 83 Resp: 31454

Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.7	89.5#
98	0.4	37.5	56.3#



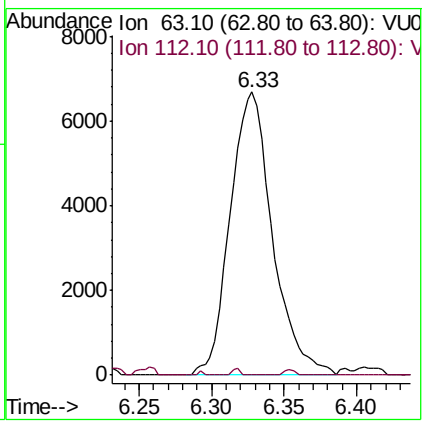


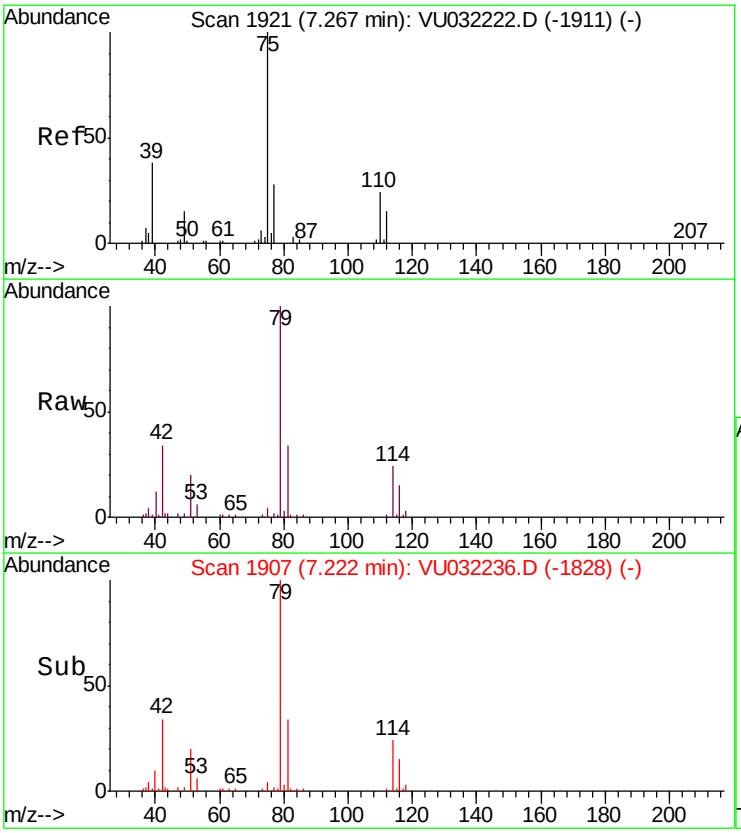
#37
1,2-Dichloropropane
Concen: 1.065 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032236.D
Acq: 22 May 2019 20:52

Instrument : MSVOA_U
ClientSampleId : C0BN8

Tgt Ion: 63 Resp: 13536

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.8	5.8#

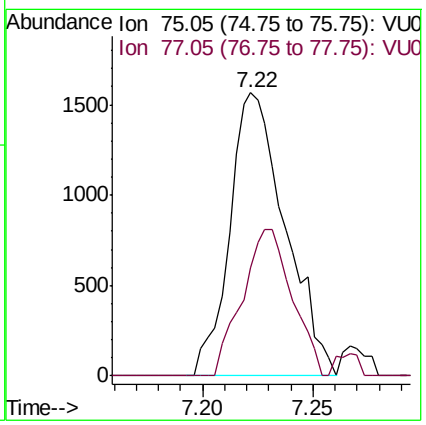


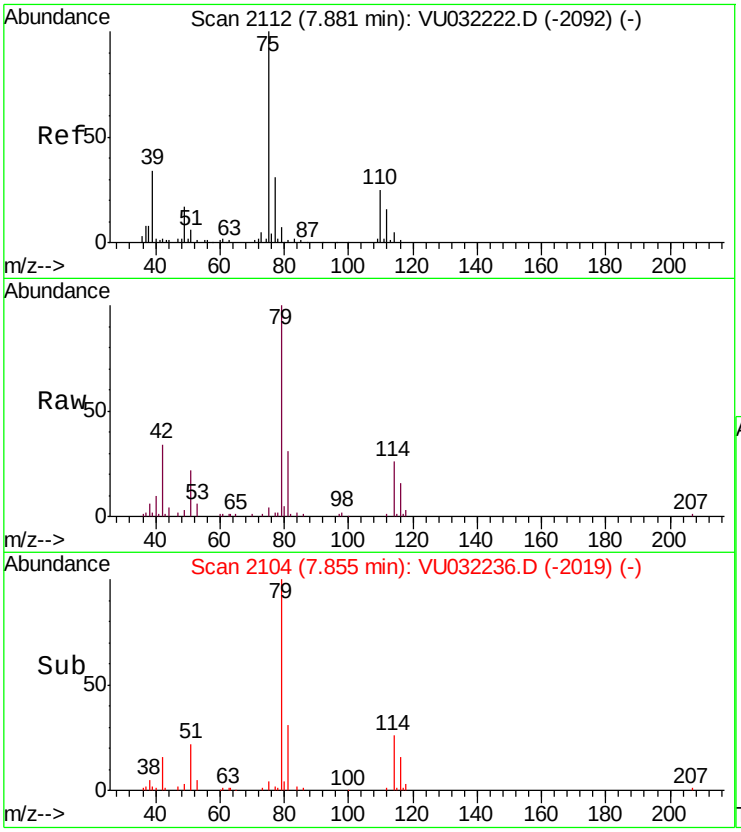


#39
cis-1,3-Dichloropropene
Concen: 0.152 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032236.D
Acq: 22 May 2019 20:52

Tgt Ion: 75 Resp: 2746

Ion	Ratio	Lower	Upper
75	100		
77	38.0	22.6	42.0



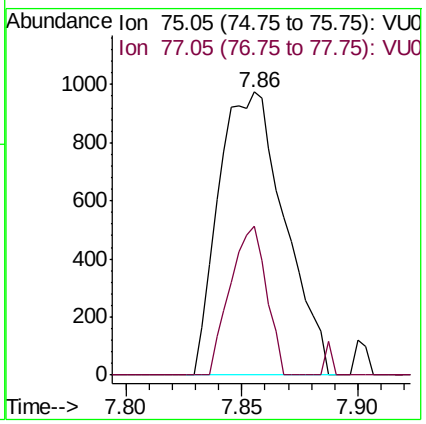


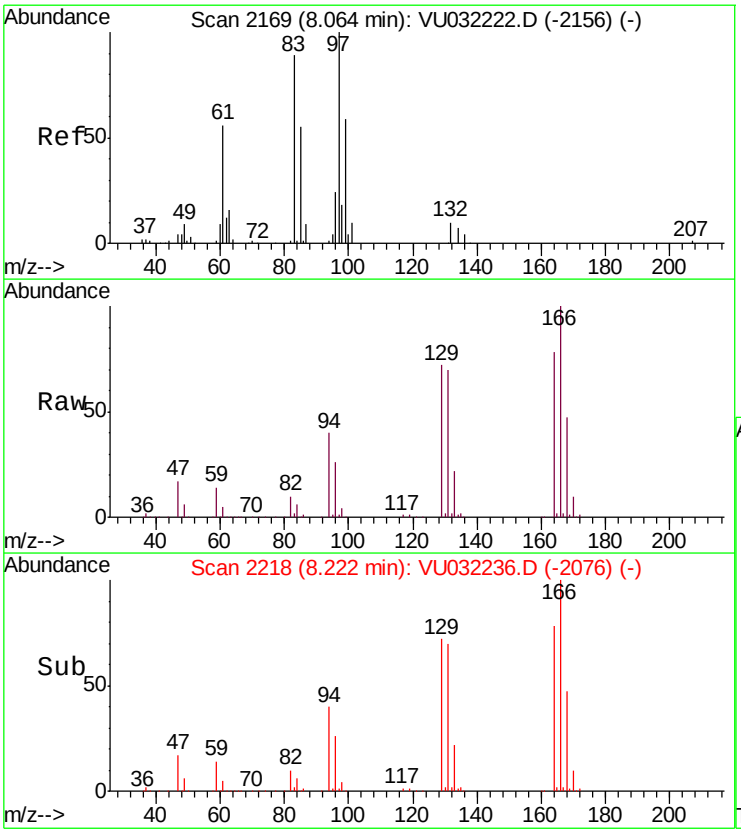
#44
trans-1,3-Dichloropropene
Concen: 0.136 ug/L
RT: 7.86 min Scan# 2104
Delta R.T. -0.03 min
Lab File: VU032236.D
Acq: 22 May 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :
C0BN8

Tgt Ion: 75 Resp: 1930

Ion	Ratio	Lower	Upper
75	100		
77	52.5	22.5	41.9#

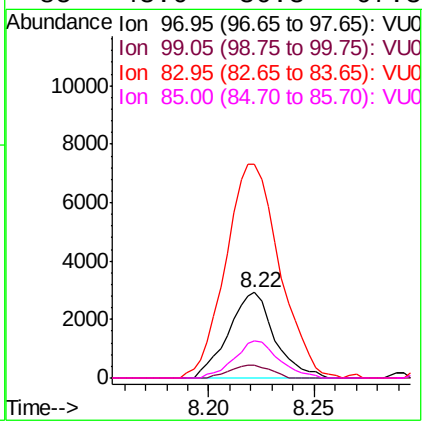


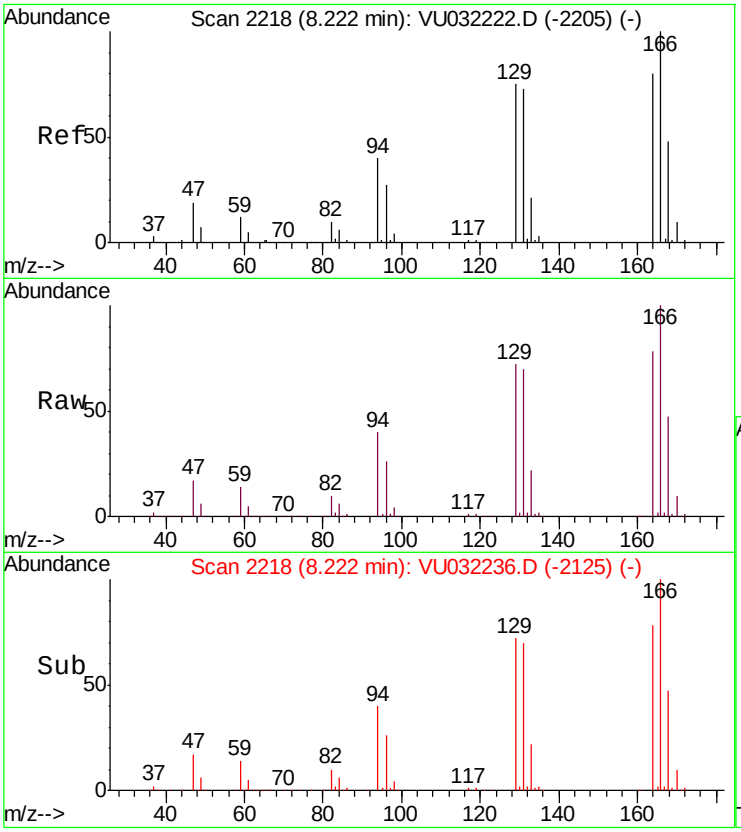


#45
1,1,2-Trichloroethane
Concen: 0.451 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.16 min
Lab File: VU032236.D
Acq: 22 May 2019 20:52

Tgt Ion: 97 Resp: 4428

Ion	Ratio	Lower	Upper
97	100		
99	14.4	44.2	82.0#
83	248.6	60.5	112.3#
85	43.0	36.3	67.3



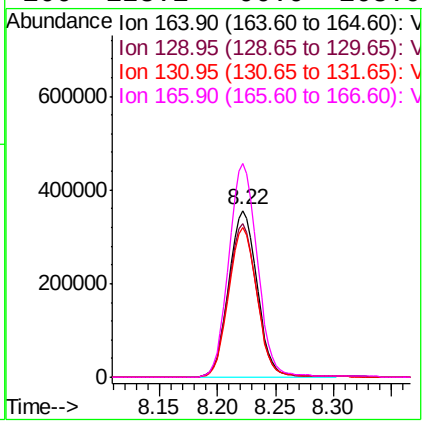


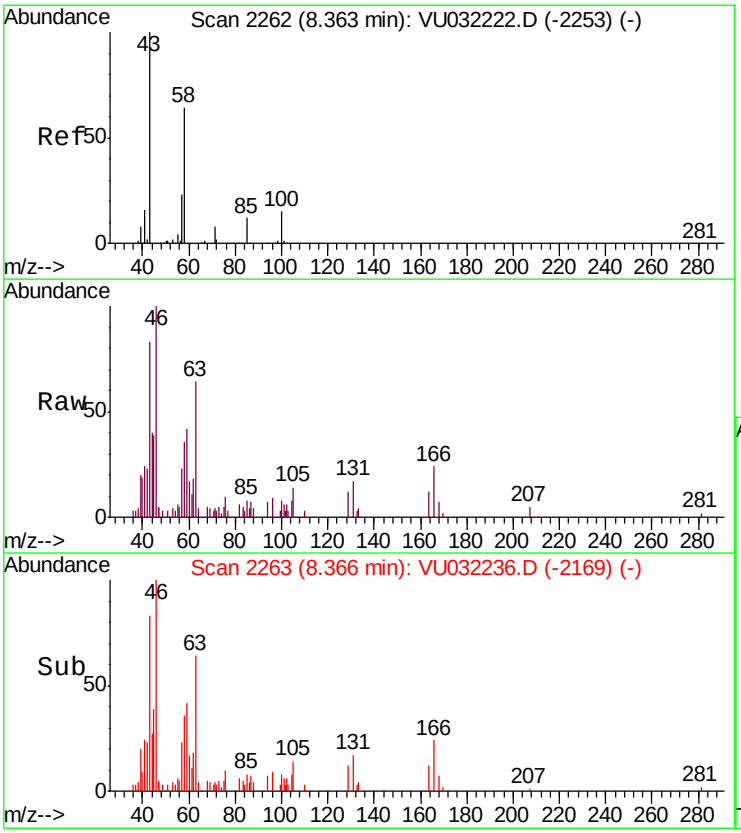
#47
Tetrachloroethene
Concen: 51.854 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032236.D
Acq: 22 May 2019 20:52

Instrument : MSVOA_U
ClientSampleId : C0BN8

Tgt Ion:164 Resp: 606472

Ion	Ratio	Lower	Upper
164	100		
129	91.8	67.1	124.7
131	89.6	62.2	115.4
166	128.1	90.9	168.9

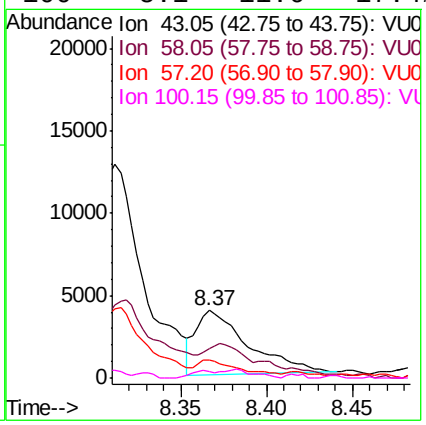


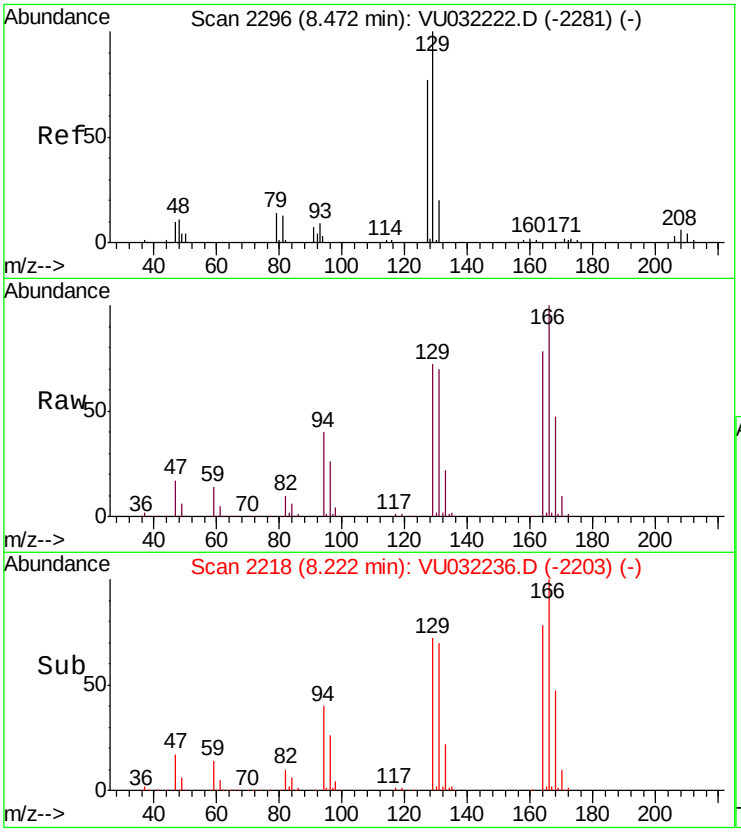


#48
2-Hexanone
Concen: 1.655 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU032236.D
Acq: 22 May 2019 20:52

Tgt Ion: 43 Resp: 8156

Ion	Ratio	Lower	Upper
43	100		
58	52.2	49.7	74.5
57	21.2	17.1	25.7
100	5.1	11.6	17.4#



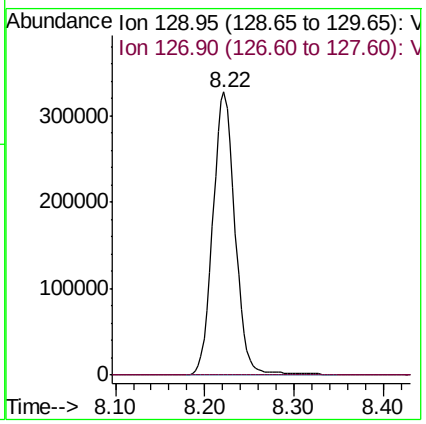


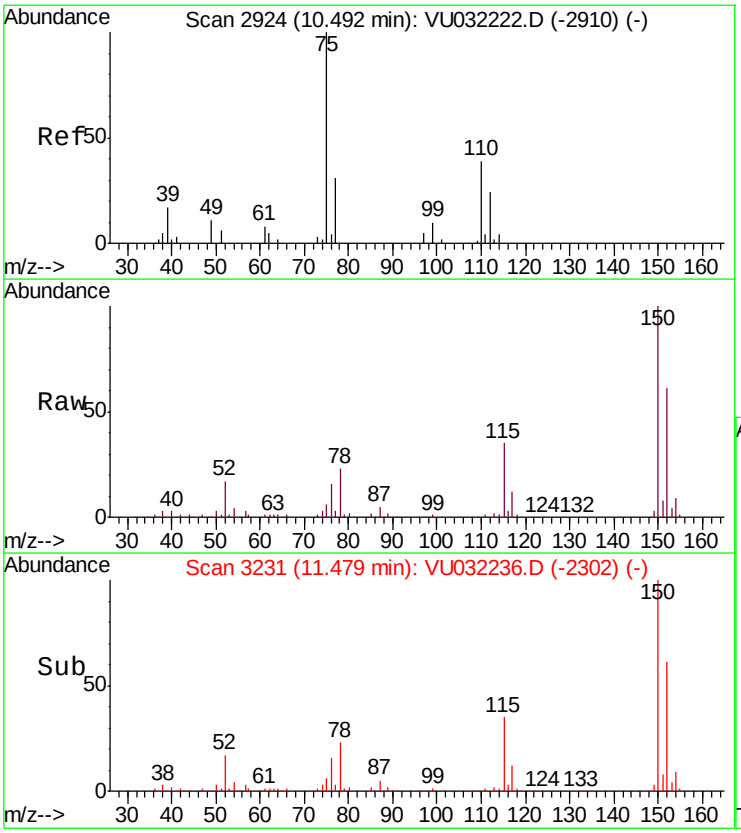
#49
Dibromochloromethane
Concen: 50.446 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032236.D
Acq: 22 May 2019 20:52

Instrument : MSVOA_U
ClientSampleId : C0BN8

Tgt Ion:129 Resp: 563583

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.7	95.9#





#59
1,2,3-Trichloropropane
Concen: 1.960 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032236.D
Acq: 22 May 2019 20:52

Tgt Ion: 75 Resp: 16224

Ion	Ratio	Lower	Upper
75	100		
77	37.4	28.2	42.4