Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\

Quantitation Report (Not Reviewed)

Data File : VU032088.D
Acq On : 17 May 2019 08:15
Operator : JC/SP
Sample : K2859-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W44

Quant Time: May 17 08:46:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 08:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	376172	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	386822	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154216	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	144397	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	1.68	69	121665	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.80%			
11) 1,1-Dichloroethene-d2	2.27	63	199156	3.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.80%			
20) 2-Butanone-d5	4.20	46	268770	43.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.40%			
24) Chloroform-d	4.64	84	249978	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.31	65	127922	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
32) Benzene-d6	5.33	84	528631	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	6.32	67	151198	4.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.60%			
41) Toluene-d8	7.56	98	430369	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%			
43) trans-1,3-Dichloropropene-	7.85	79	49579	3.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.80%			
46) 2-Hexanone-d5	8.31	63	235526	42.01	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.02%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	125774	4.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	156138	4.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	2743	0.152	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2348	0.152	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1975	0.131	ug/L #	1
13) Acetone	2.34	43	55294	27.075	ug/L	99
15) Methyl Acetate	2.34	43	47908	8.181	ug/L #	42
25) Chloroform	4.67	83	6894	0.251	ug/L	80
35) Methylcyclohexane	6.32	83	38298	1.651	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	16165	1.113	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	2945	0.147	ug/L #	14
44) trans-1,3-Dichloropropene	7.85	75	2050	0.131	ug/L	97
47) Tetrachloroethene	8.23	164	1773	0.147	ug/L	79
48) 2-Hexanone	8.37	43	5235	1.002	ug/L #	89
49) Dibromochloromethane	8.23	129	1626	0.132	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	16400	1.778	ug/L	89

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

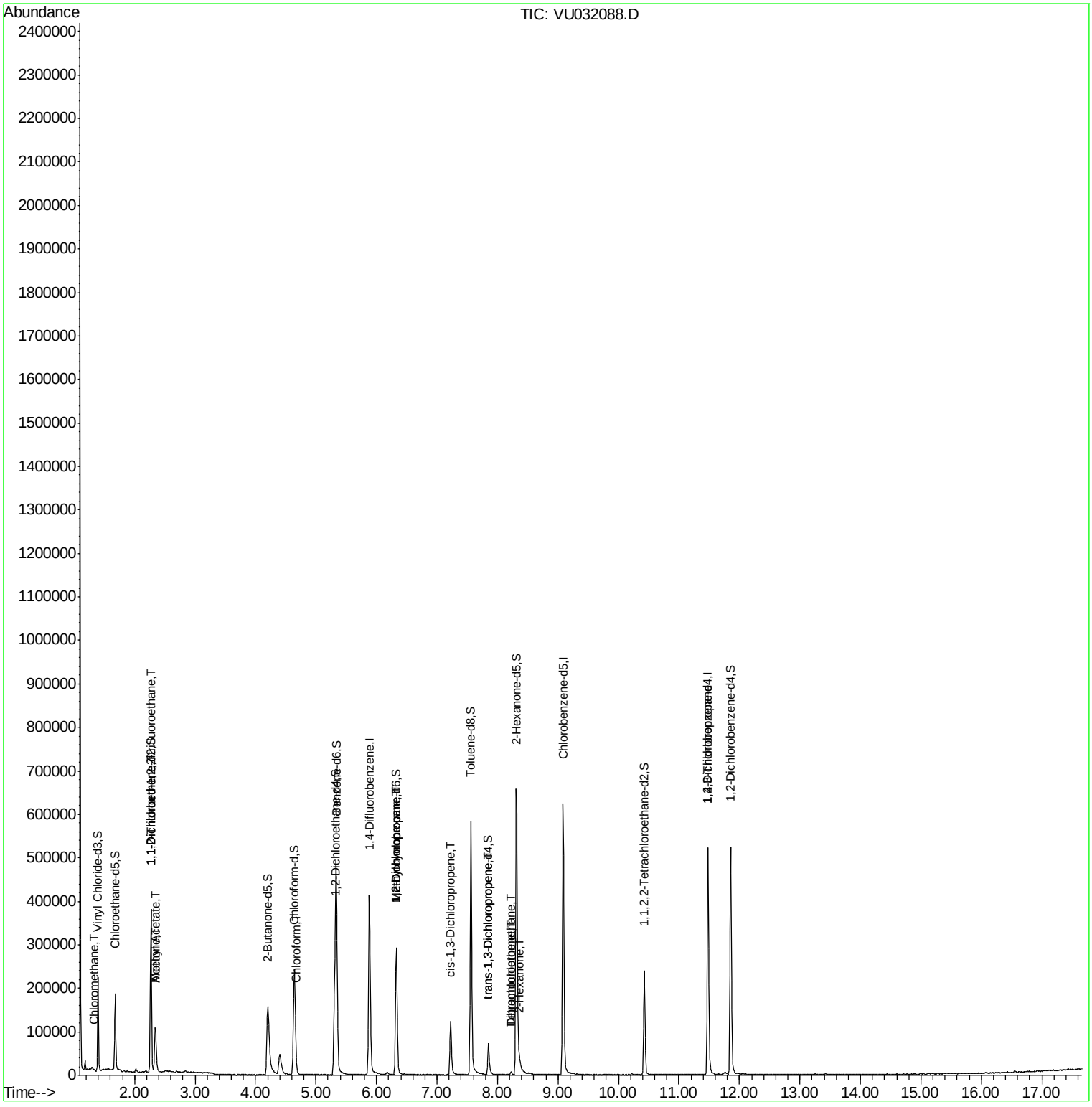
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\

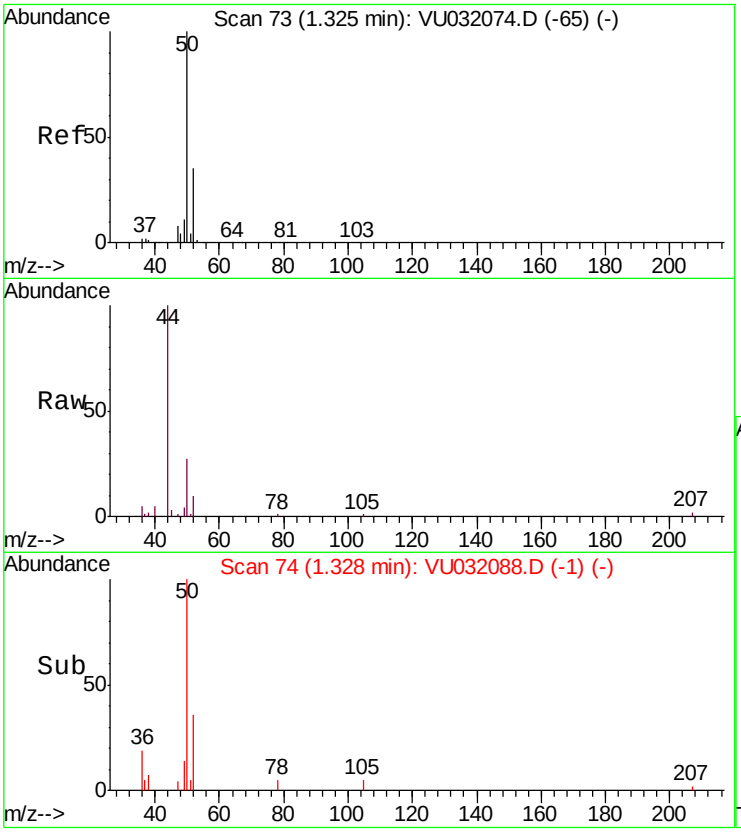
Quantitation Report (Not Reviewed)

Data File : VU032088.D
Acq On : 17 May 2019 08:15
Operator : JC/SP
Sample : K2859-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W44

Quant Time: May 17 08:46:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 08:41:24 2019
Response via : Initial Calibration



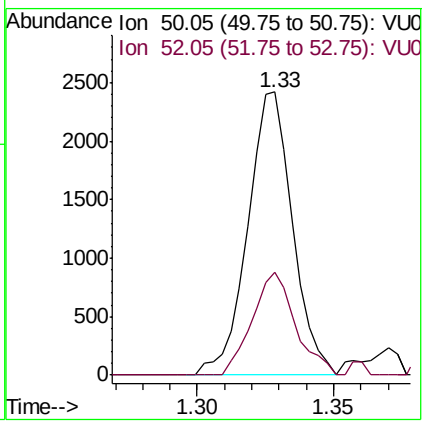


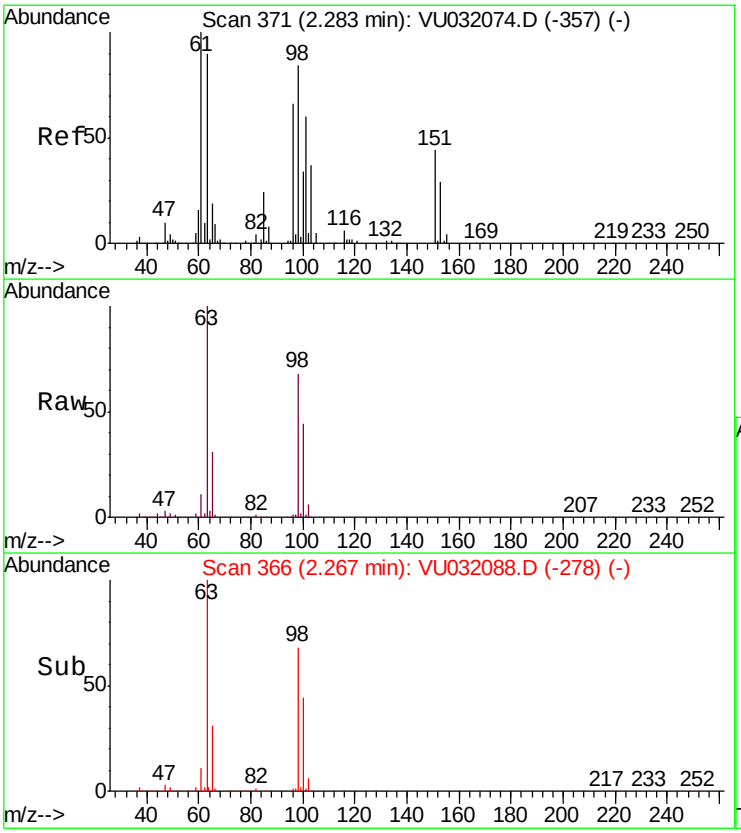
#3
Chloromethane
Concen: 0.152 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU032088.D
Acq: 17 May 2019 08:15

Instrument :
MSVOA_U
ClientSampleId :
F9W44

Tgt Ion: 50 Resp: 2743

Ion	Ratio	Lower	Upper
50	100		
52	36.2	23.2	43.0

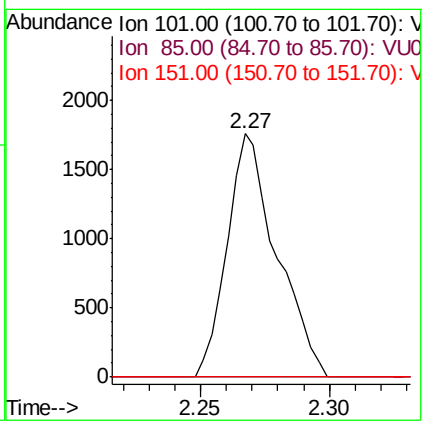


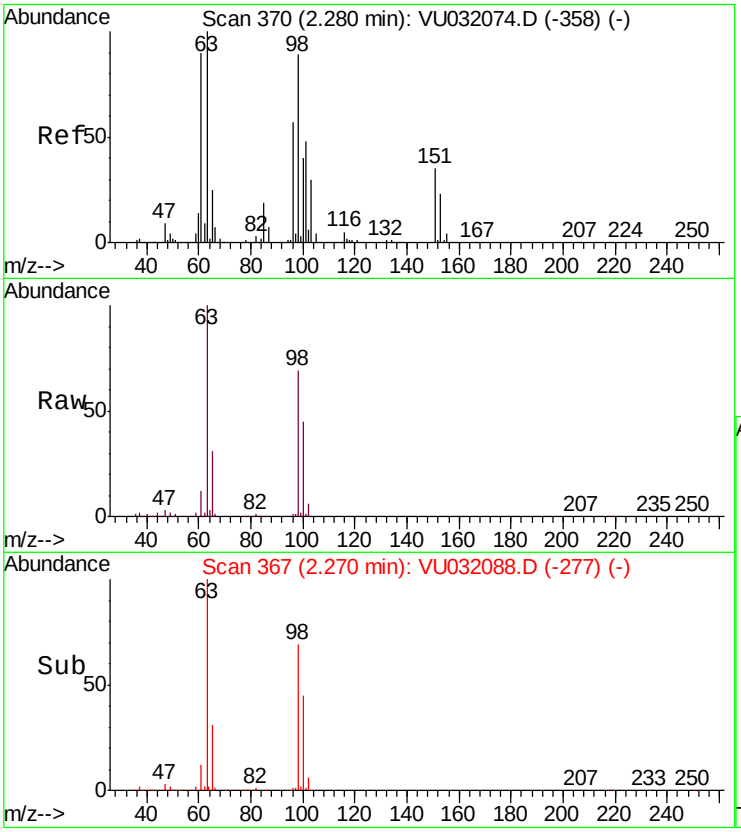


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.152 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU032088.D
Acq: 17 May 2019 08:15

Tgt Ion:101 Resp: 2348

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.8	50.8#
151	0.0	59.4	89.2#



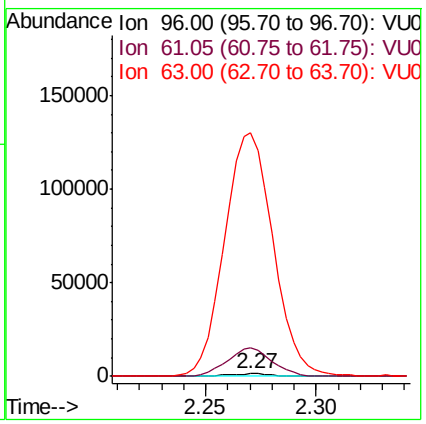


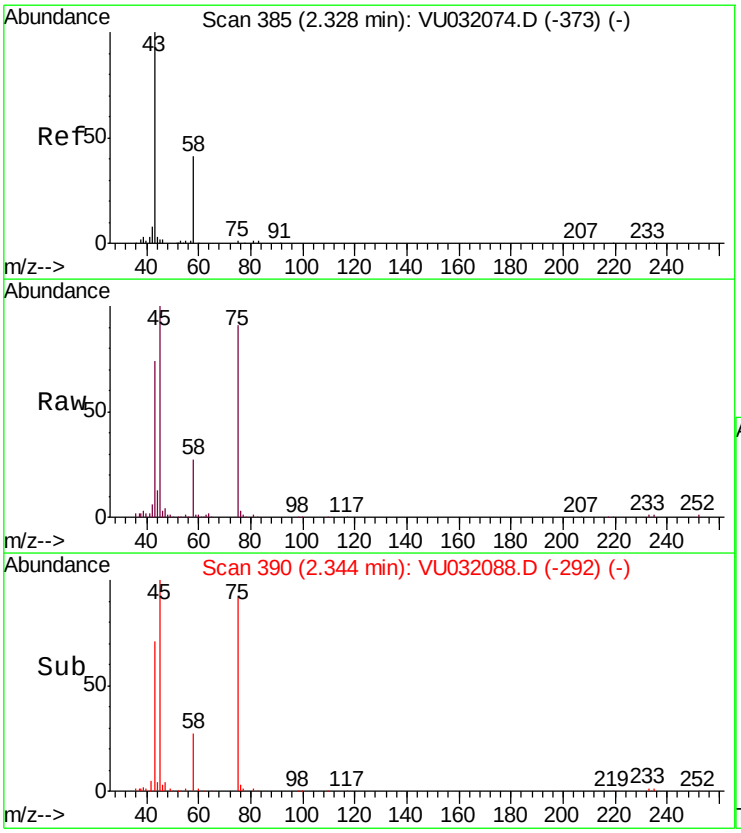
#12
1,1-Dichloroethene
Concen: 0.131 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032088.D
Acq: 17 May 2019 08:15

Instrument : MSVOA_U
ClientSampleId : F9W44

Tgt Ion: 96 Resp: 1975

Ion	Ratio	Lower	Upper
96	100		
61	1188.9	111.7	207.5#
63	9929.2	152.2	282.6#

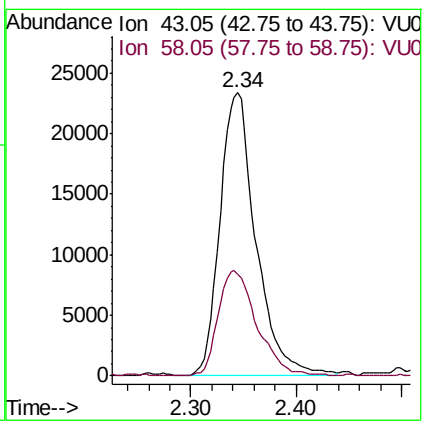


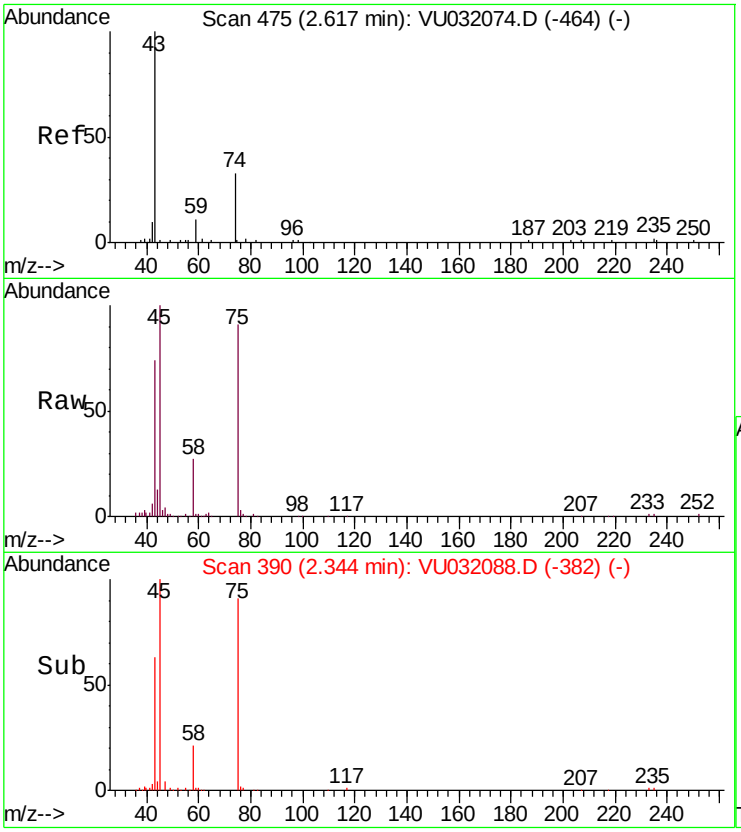


#13
Acetone
Concen: 27.075 ug/L
RT: 2.34 min Scan# 390
Delta R.T. 0.02 min
Lab File: VU032088.D
Acq: 17 May 2019 08:15

Tgt Ion: 43 Resp: 55294

Ion	Ratio	Lower	Upper
43	100		
58	40.0	0.0	78.8



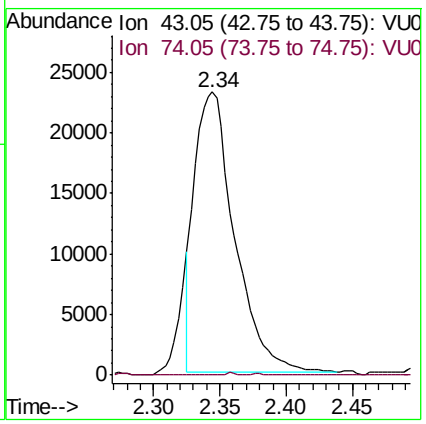


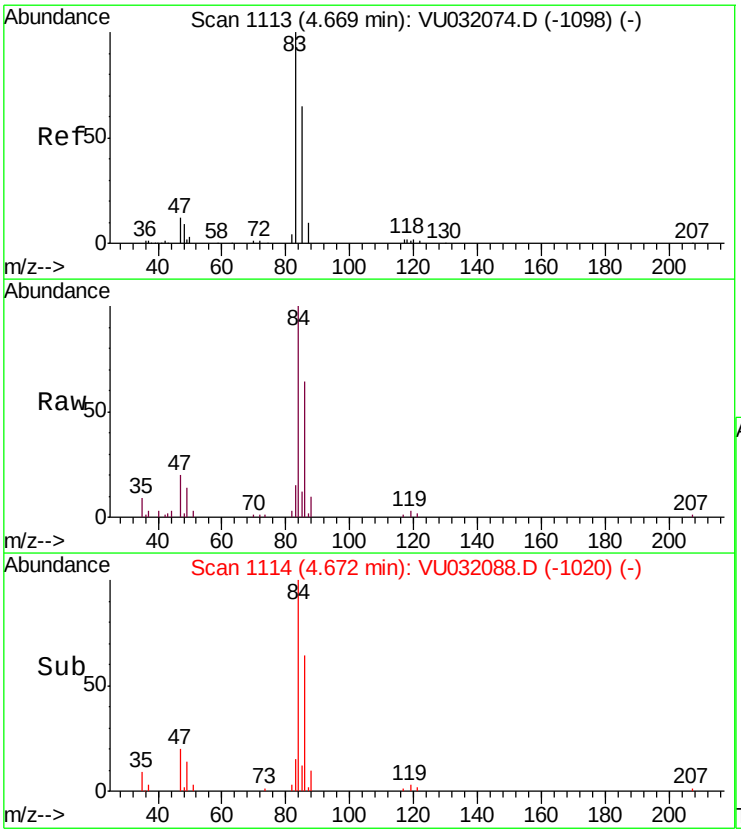
#15
Methyl Acetate
Concen: 8.181 ug/L
RT: 2.34 min Scan# 390
Delta R.T. -0.27 min
Lab File: VU032088.D
Acq: 17 May 2019 08:15

Instrument :
MSVOA_U
ClientSampleId :
F9W44

Tgt Ion: 43 Resp: 47908

Ion	Ratio	Lower	Upper
43	100		
74	0.2	26.4	39.6#

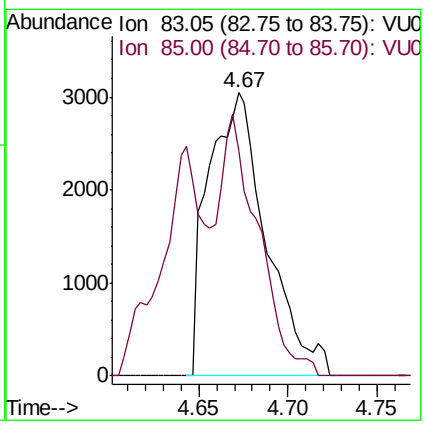


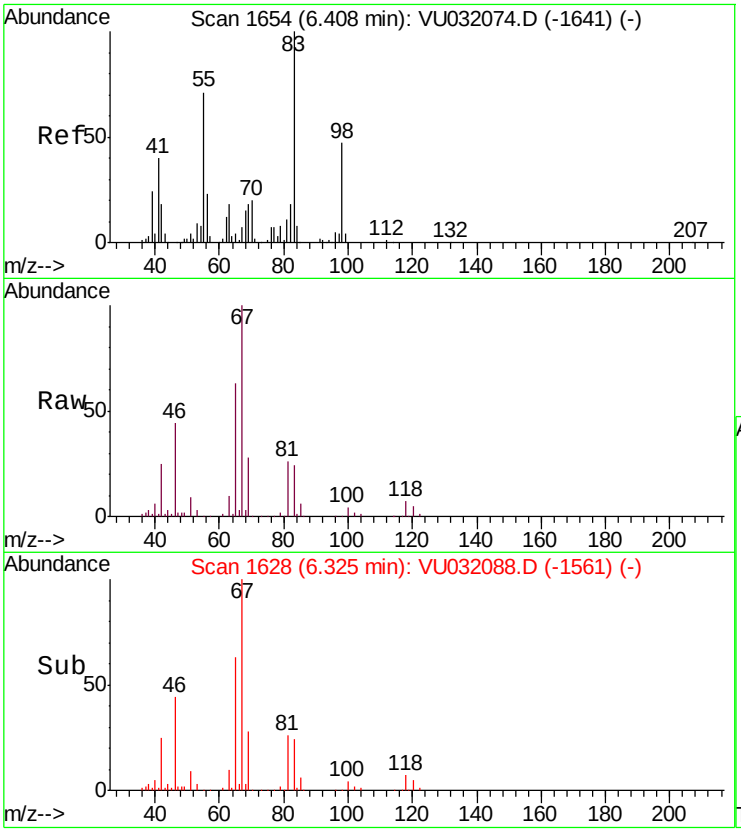


#25
Chloroform
Concen: 0.251 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU032088.D
Acq: 17 May 2019 08:15

Tgt Ion: 83 Resp: 6894

Ion	Ratio	Lower	Upper
83	100		
85	79.4	44.9	83.3



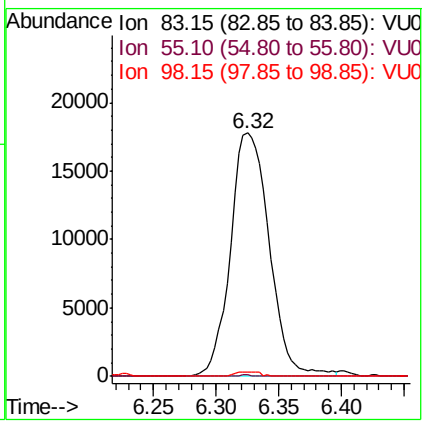


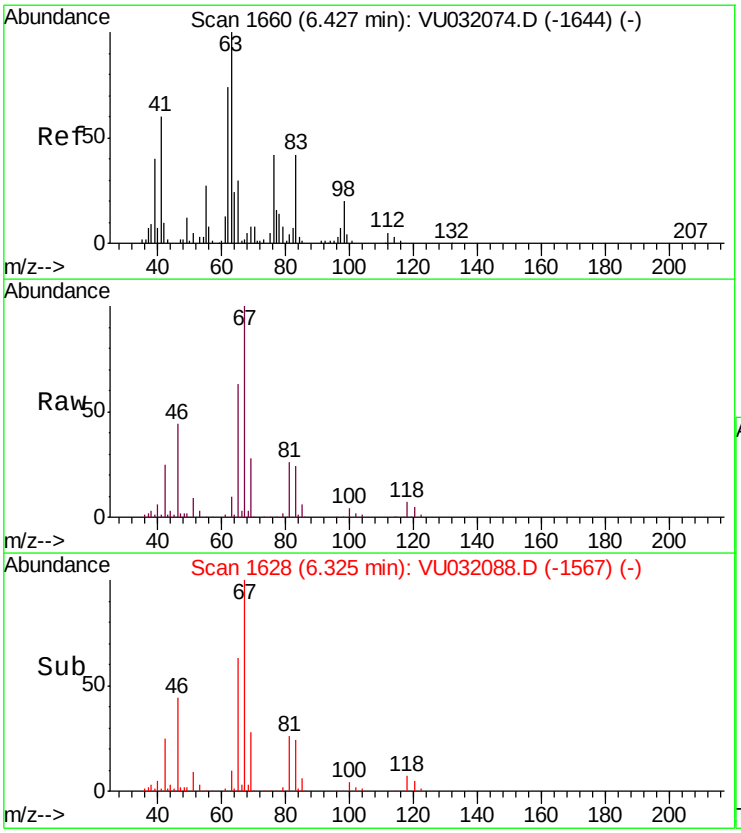
#35
Methylcyclohexane
Concen: 1.651 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032088.D
Acq: 17 May 2019 08:15

Instrument : MSVOA_U
ClientSampleId : F9W44

Tgt Ion: 83 Resp: 38298

Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.7	89.5#
98	1.1	36.8	55.2#

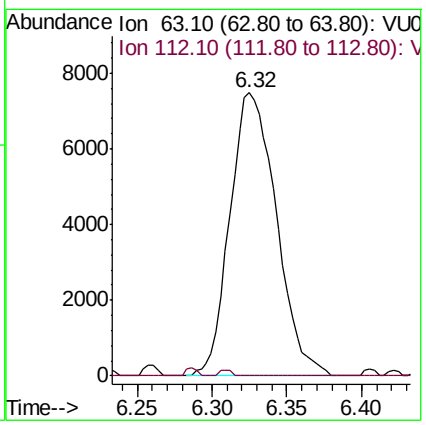


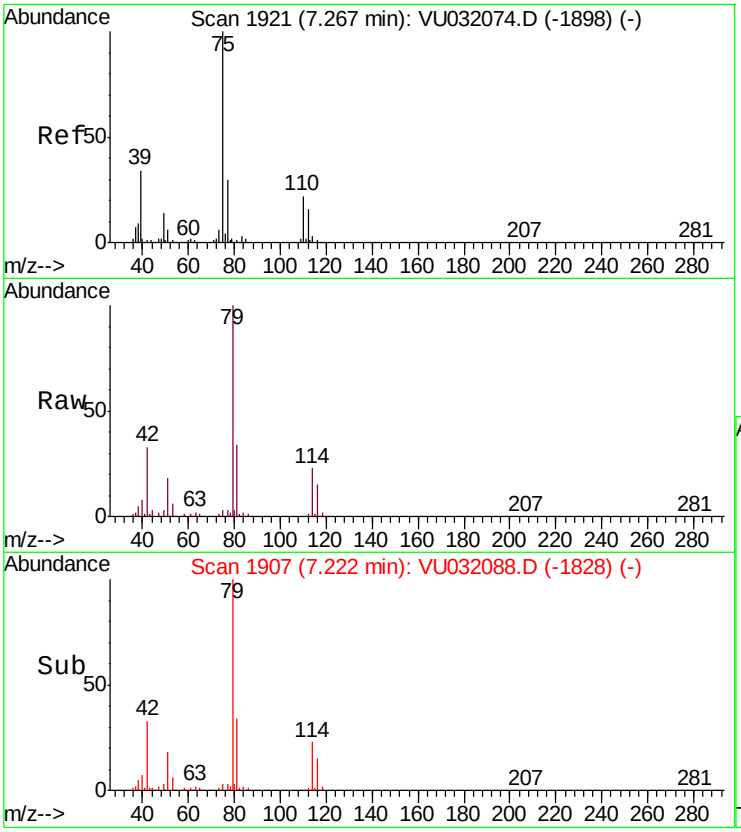


#37
1,2-Dichloropropane
Concen: 1.113 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032088.D
Acq: 17 May 2019 08:15

Tgt Ion: 63 Resp: 16165

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.8	5.6#



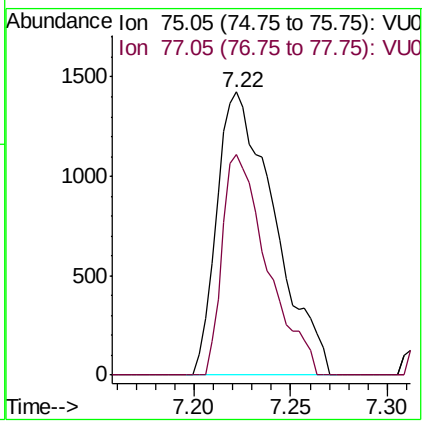


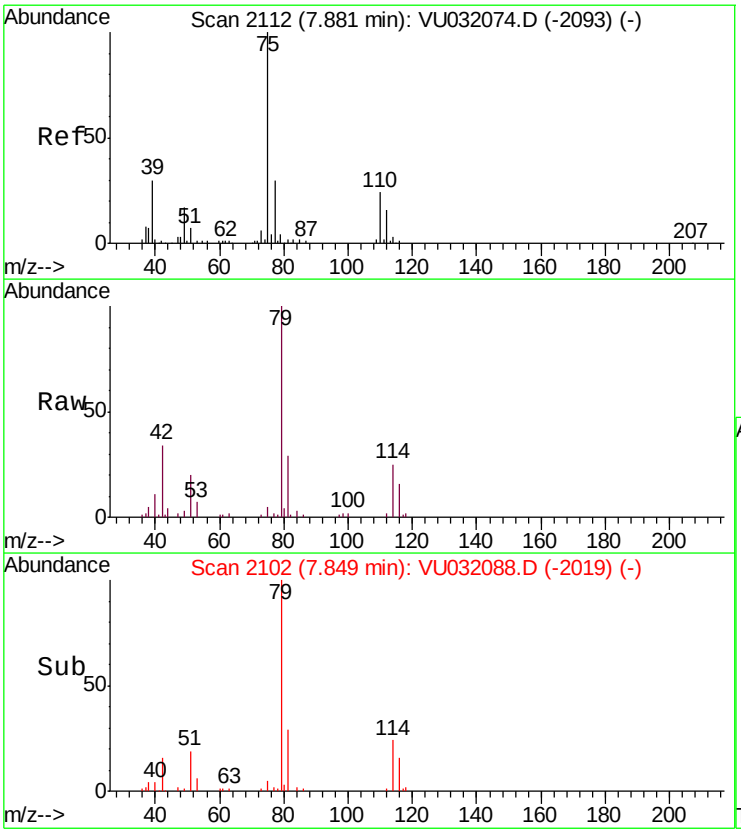
#39
cis-1,3-Dichloropropene
Concen: 0.147 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032088.D
Acq: 17 May 2019 08:15

Instrument :
MSVOA_U
ClientSampleId :
F9W44

Tgt Ion: 75 Resp: 2945

Ion	Ratio	Lower	Upper
75	100		
77	78.2	21.7	40.3#

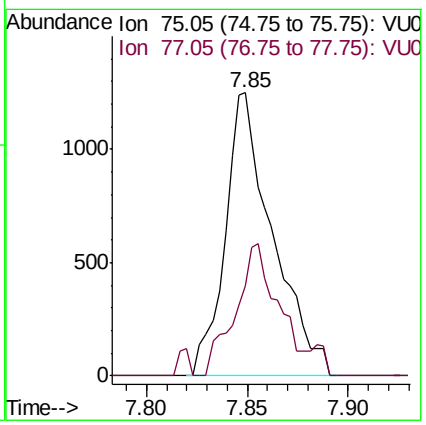


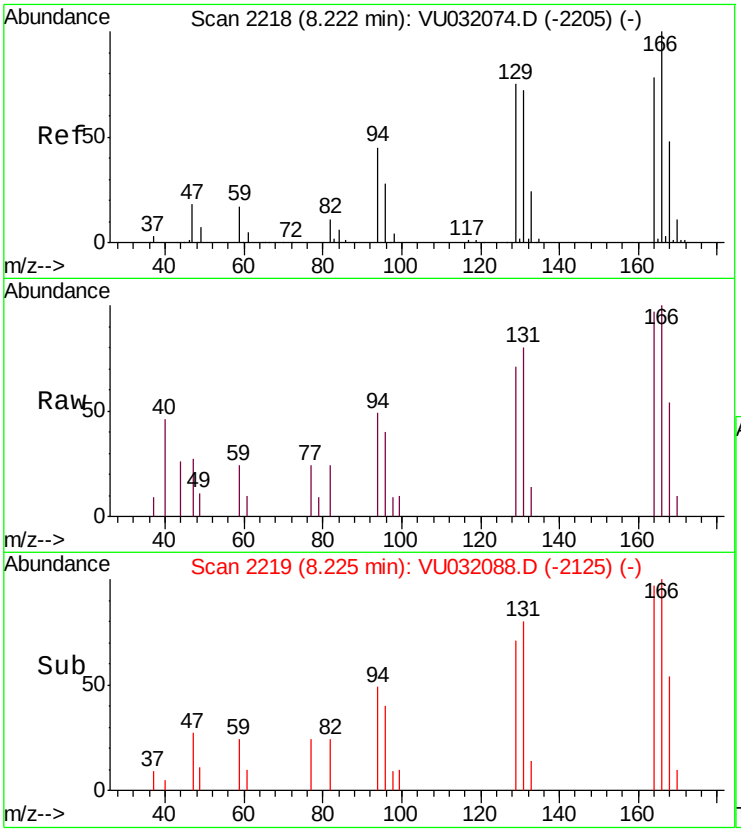


#44
trans-1,3-Dichloropropene
Concen: 0.131 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032088.D
Acq: 17 May 2019 08:15

Tgt Ion: 75 Resp: 2050

Ion	Ratio	Lower	Upper
75	100		
77	31.6	21.0	39.0



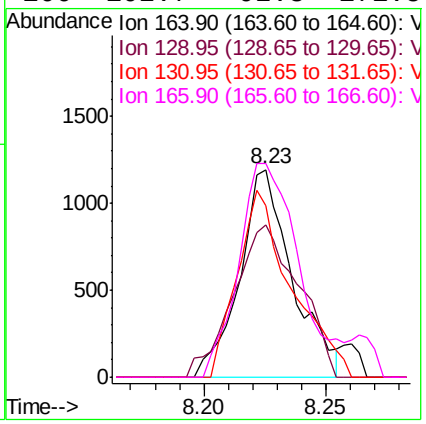


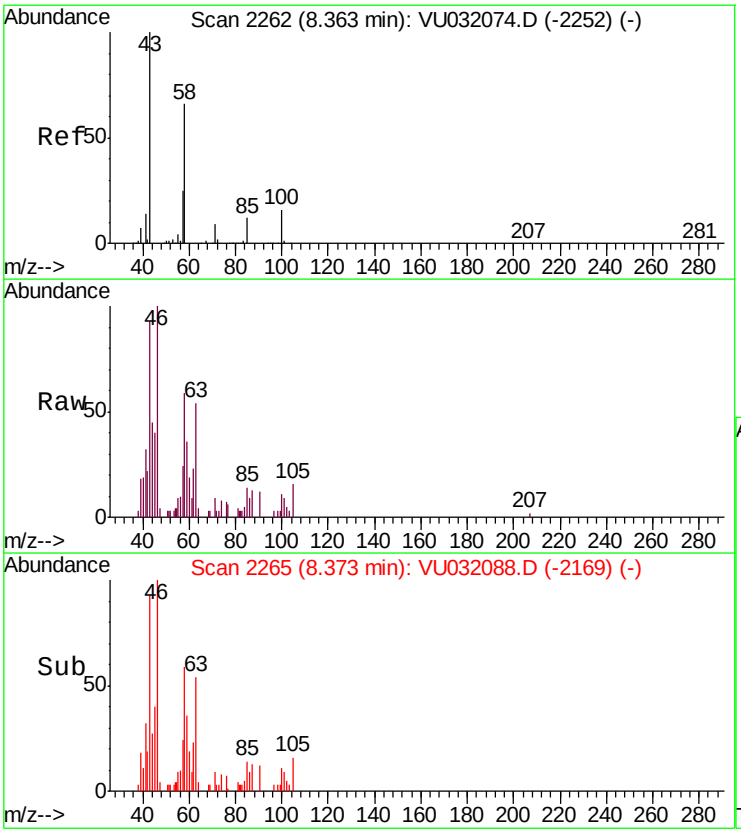
#47
Tetrachloroethene
Concen: 0.147 ug/L
RT: 8.23 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032088.D
Acq: 17 May 2019 08:15

Instrument : MSVOA_U
ClientSampleId : F9W44

Tgt Ion:164 Resp: 1773

Ion	Ratio	Lower	Upper
164	100		
129	73.4	70.3	130.5
131	82.4	64.5	119.9
166	102.7	92.3	171.5

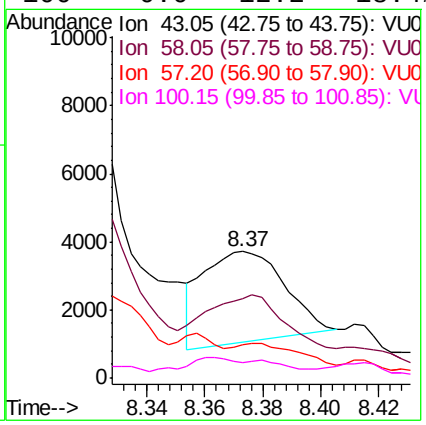


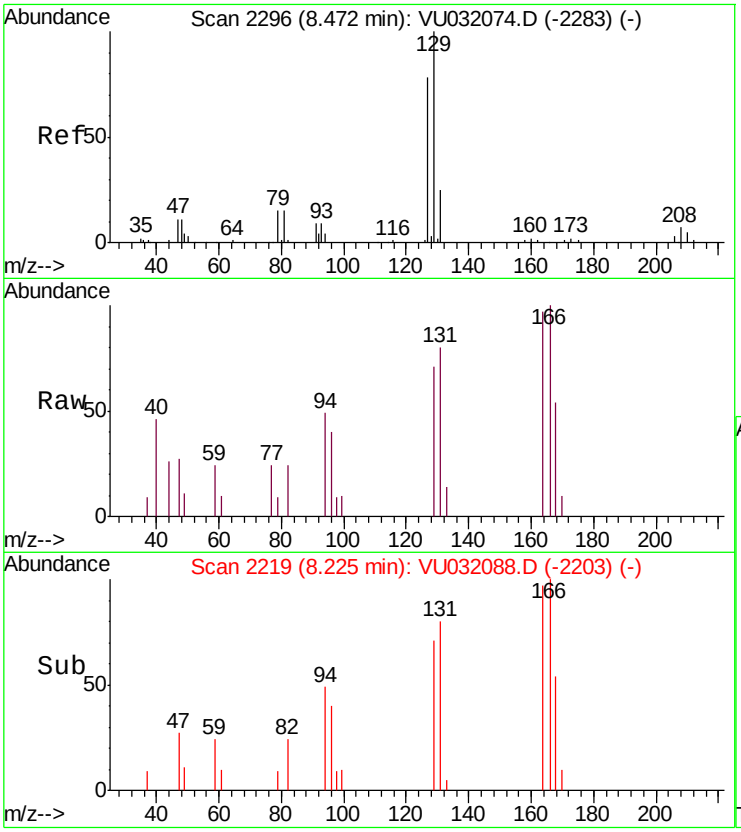


#48
2-Hexanone
Concen: 1.002 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU032088.D
Acq: 17 May 2019 08:15

Tgt Ion: 43 Resp: 5235

Ion	Ratio	Lower	Upper
43	100		
58	66.9	51.6	77.4
57	31.1	18.4	27.6#
100	0.0	12.2	18.4#



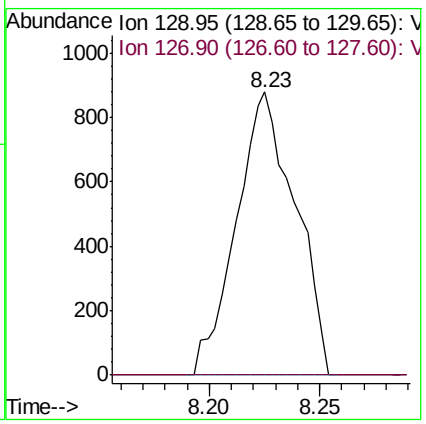


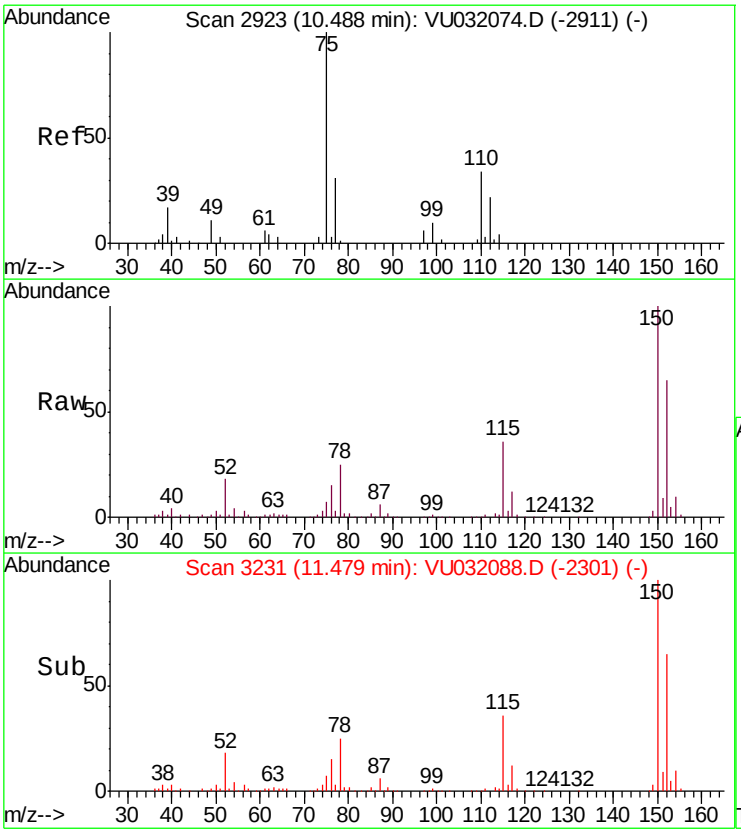
#49
Dibromochloromethane
Concen: 0.132 ug/L
RT: 8.23 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU032088.D
Acq: 17 May 2019 08:15

Instrument :
MSVOA_U
ClientSampleId :
F9W44

Tgt Ion:129 Resp: 1626

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#





#59
1,2,3-Trichloropropane
Concen: 1.778 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032088.D
Acq: 17 May 2019 08:15

Tgt Ion: 75 Resp: 16400

Ion	Ratio	Lower	Upper
75	100		
77	38.8	26.2	39.2