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

Quantitation Report (Not Reviewed)

Data File : VU032070.D
Acq On : 16 May 2019 23:59
Operator : JC/SP
Sample : K2850-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W12

Quant Time: May 17 07:24:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	383890	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	400446	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	157564	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	151017	4.67	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.40%			
7) Chloroethane-d5	1.68	69	126290	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.40%			
11) 1,1-Dichloroethene-d2	2.27	63	212329	4.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.40%			
20) 2-Butanone-d5	4.20	46	274926	43.31	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.62%			
24) Chloroform-d	4.64	84	257600	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.31	65	131973	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
32) Benzene-d6	5.33	84	545586	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.33	67	154933	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.80%			
41) Toluene-d8	7.56	98	454717	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
43) trans-1,3-Dichloropropene-	7.85	79	50502	3.93	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.60%			
46) 2-Hexanone-d5	8.31	63	245427	42.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.56%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	129771	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	162095	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	2889	0.157	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2362	0.150	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	1869	0.121	ug/L #	1
13) Acetone	2.34	43	8023	3.849	ug/L	91
17) Methyl tert-butyl Ether	3.00	73	444089	12.253	ug/L	97
35) Methylcyclohexane	6.32	83	38311	1.595	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	17980	1.196	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	3912	0.188	ug/L #	63
44) trans-1,3-Dichloropropene	7.85	75	2380	0.147	ug/L #	68
47) Tetrachloroethene	8.22	164	1357	0.109	ug/L #	73
48) 2-Hexanone	8.36	43	9190	1.700	ug/L #	44
49) Dibromochloromethane	8.22	129	1460	0.114	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	16155	1.692	ug/L #	81

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

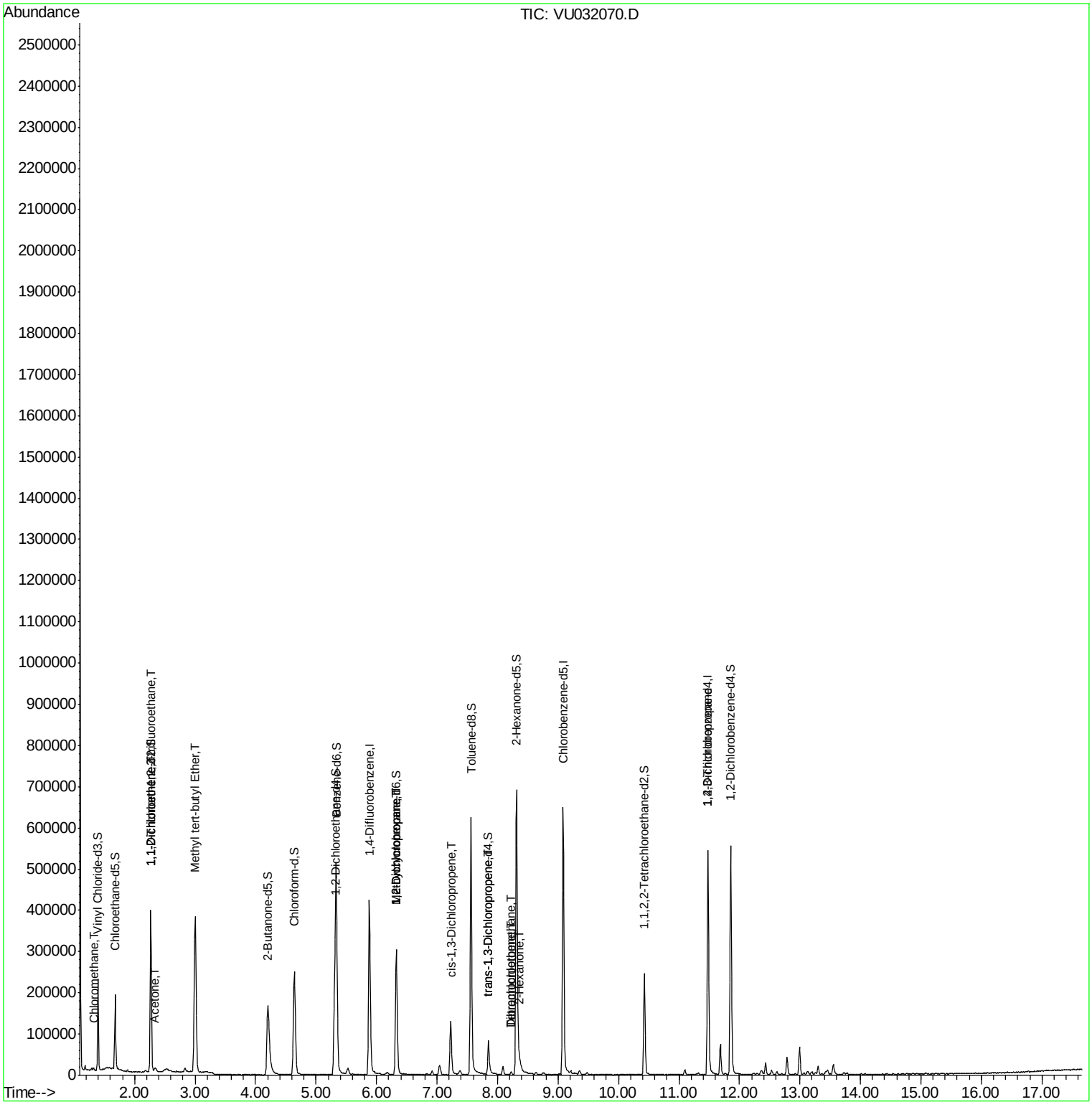
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051619\

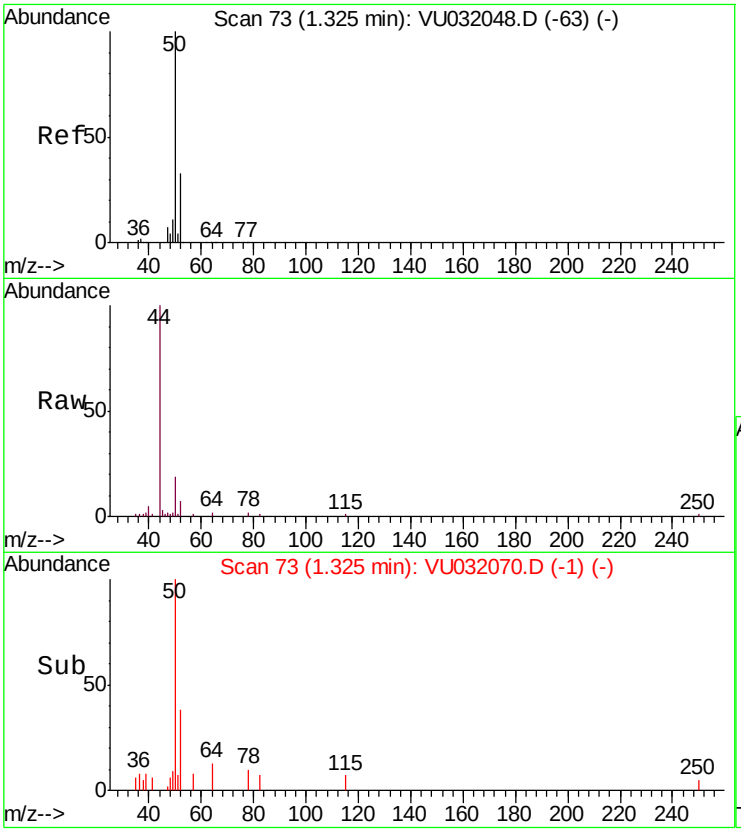
Quantitation Report (Not Reviewed)

Data File : VU032070.D
Acq On : 16 May 2019 23:59
Operator : JC/SP
Sample : K2850-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W12

Quant Time: May 17 07:24:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration



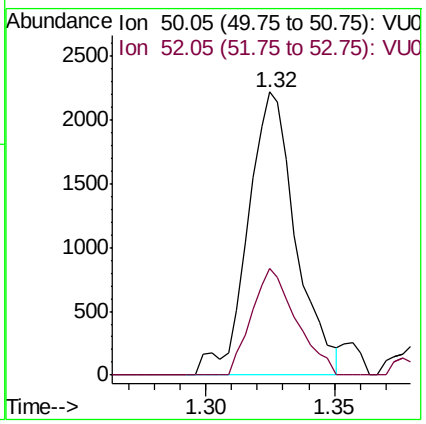


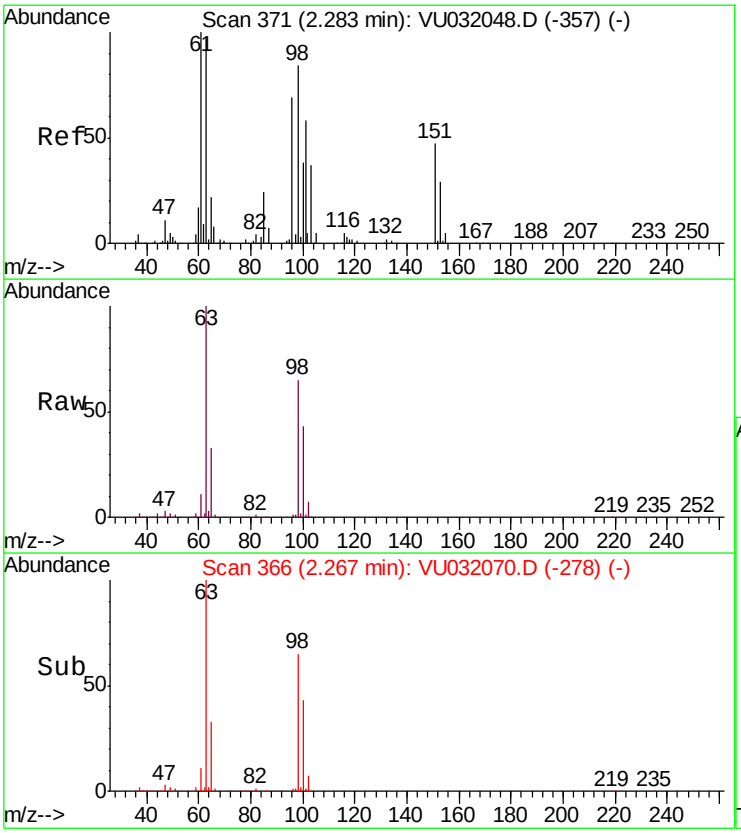
#3
Chloromethane
Concen: 0.157 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU032070.D
Acq: 16 May 2019 23:59

Instrument :
MSVOA_U
ClientSampleId :
F9W12

Tgt Ion: 50 Resp: 2889

Ion	Ratio	Lower	Upper
50	100		
52	37.6	23.2	43.0

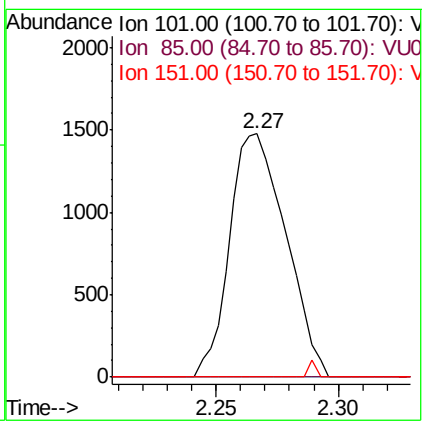


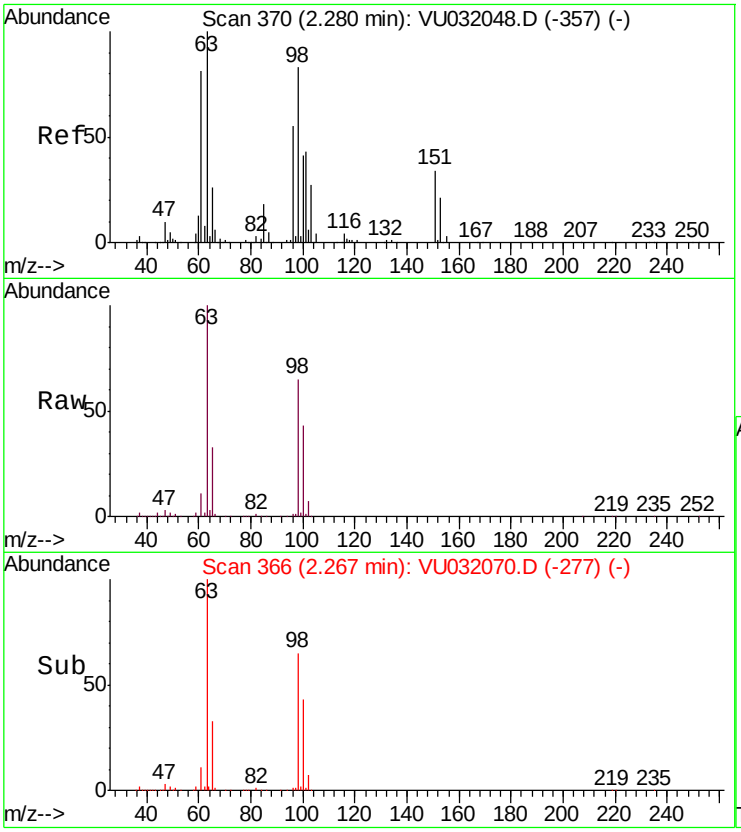


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.150 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU032070.D
Acq: 16 May 2019 23:59

Tgt Ion:101 Resp: 2362

Ion	Ratio	Lower	Upper
101	100		
85	1.9	33.8	50.8#
151	0.8	59.4	89.2#



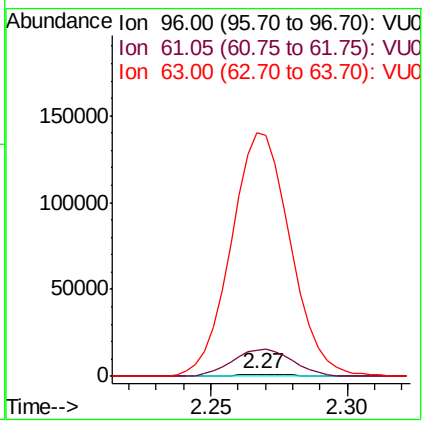


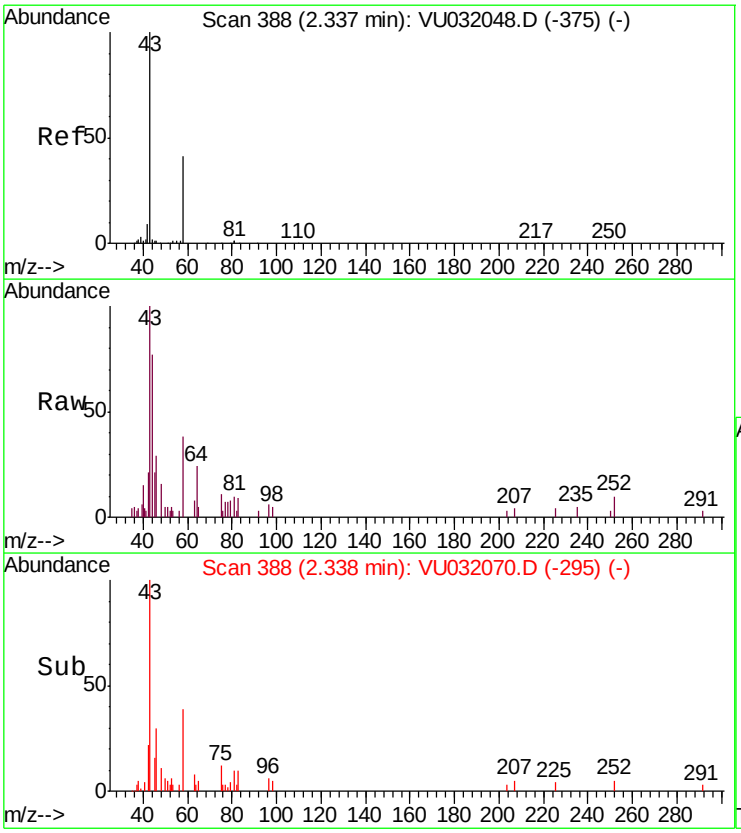
#12
1,1-Dichloroethene
Concen: 0.121 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032070.D
Acq: 16 May 2019 23:59

Instrument :
MSVOA_U
ClientSampleId :
F9W12

Tgt Ion: 96 Resp: 1869

Ion	Ratio	Lower	Upper
96	100		
61	1226.4	111.7	207.5#
63	11362.2	152.2	282.6#

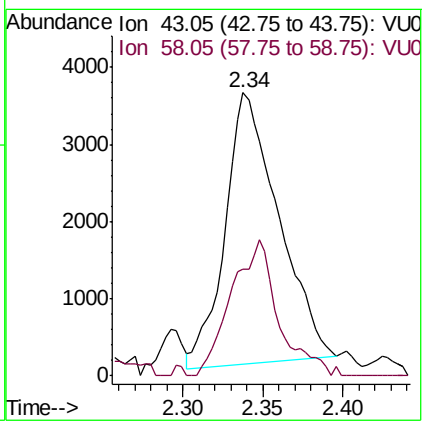


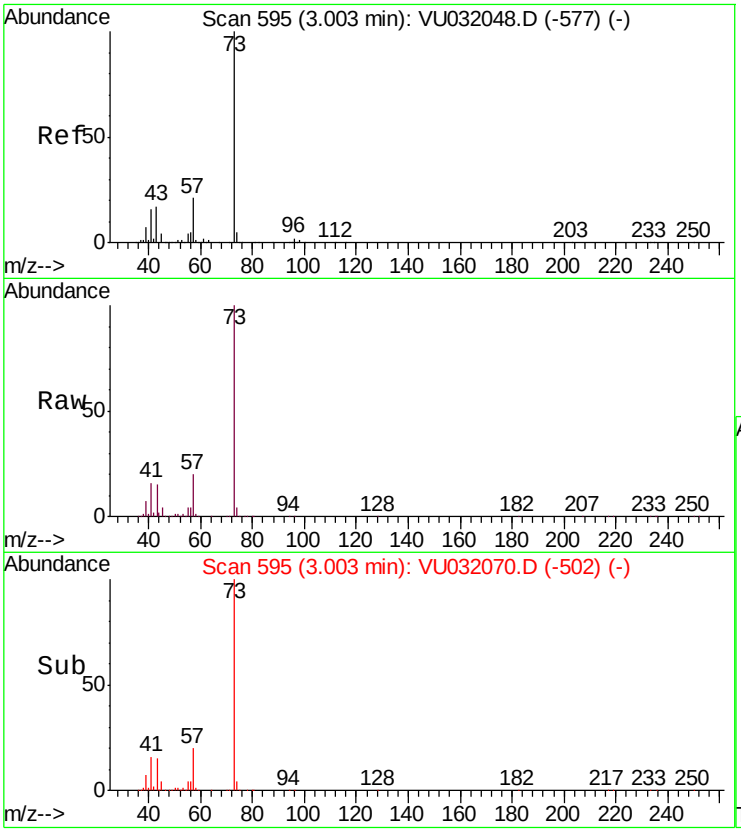


#13
Acetone
Concen: 3.849 ug/L
RT: 2.34 min Scan# 388
Delta R.T. 0.00 min
Lab File: VU032070.D
Acq: 16 May 2019 23:59

Tgt Ion: 43 Resp: 8023

Ion	Ratio	Lower	Upper
43	100		
58	44.7	0.0	78.8



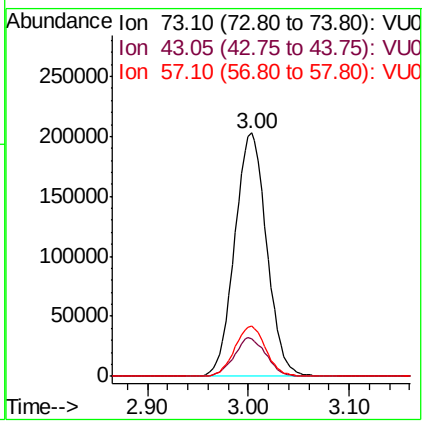


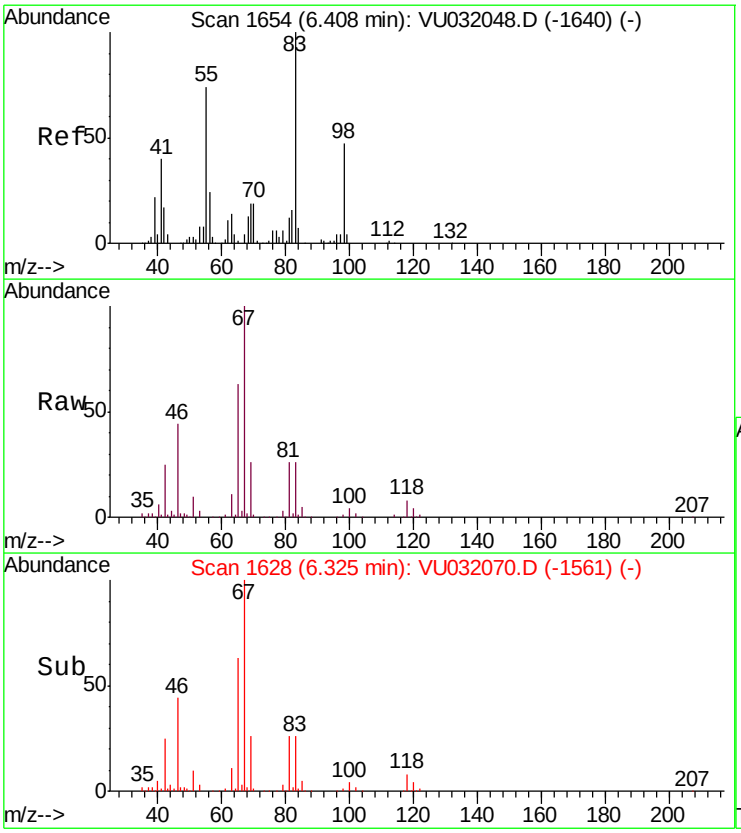
#17
Methyl tert-butyl Ether
Concen: 12.253 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU032070.D
Acq: 16 May 2019 23:59

Instrument : MSVOA_U
ClientSampleId : F9W12

Tgt Ion: 73 Resp: 444089

Ion	Ratio	Lower	Upper
73	100		
43	16.0	13.0	19.6
57	20.1	17.9	26.9

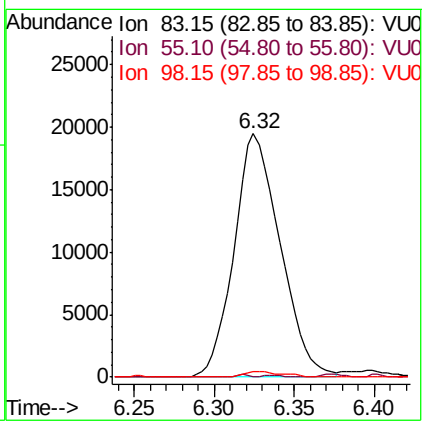


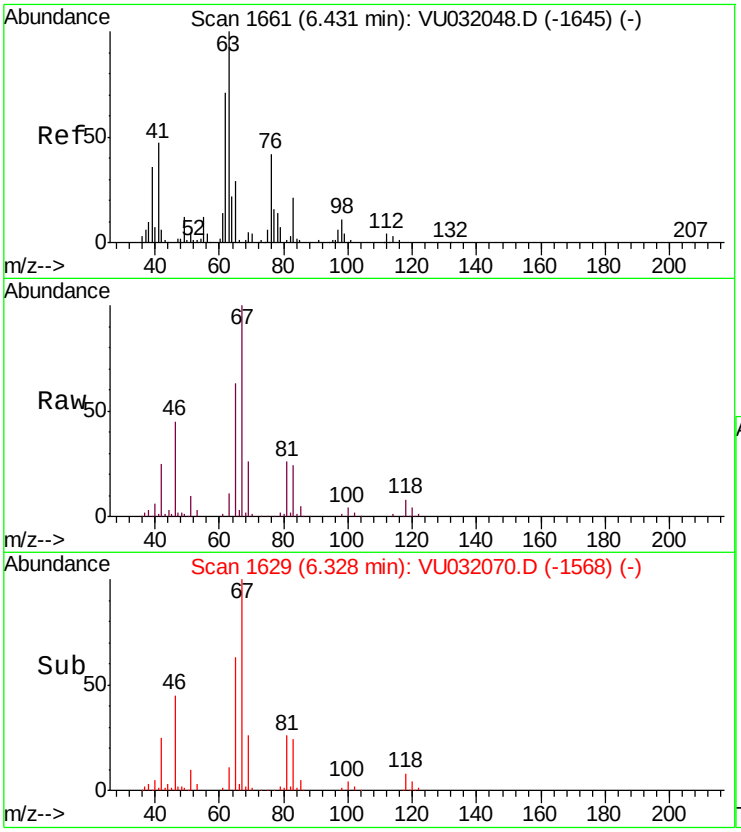


#35
Methylcyclohexane
Concen: 1.595 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032070.D
Acq: 16 May 2019 23:59

Tgt Ion: 83 Resp: 38311

Ion	Ratio	Lower	Upper
83	100		
55	0.2	59.7	89.5#
98	1.5	36.8	55.2#



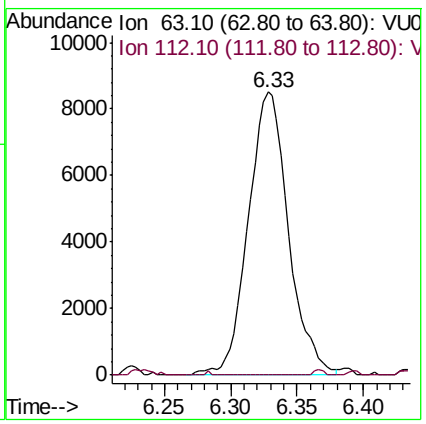


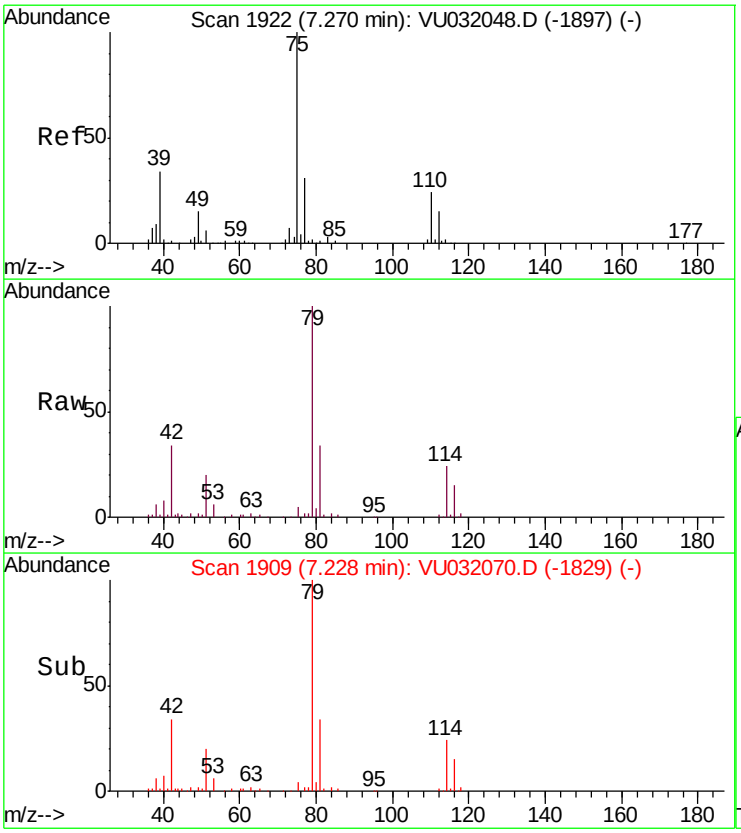
#37
1,2-Dichloropropane
Concen: 1.196 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032070.D
Acq: 16 May 2019 23:59

Instrument : MSVOA_U
ClientSampleId : F9W12

Tgt Ion: 63 Resp: 17980

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.8	5.6#

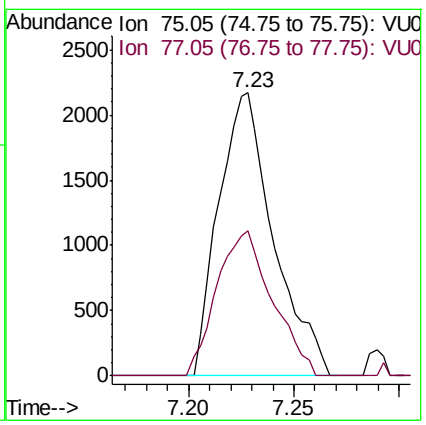


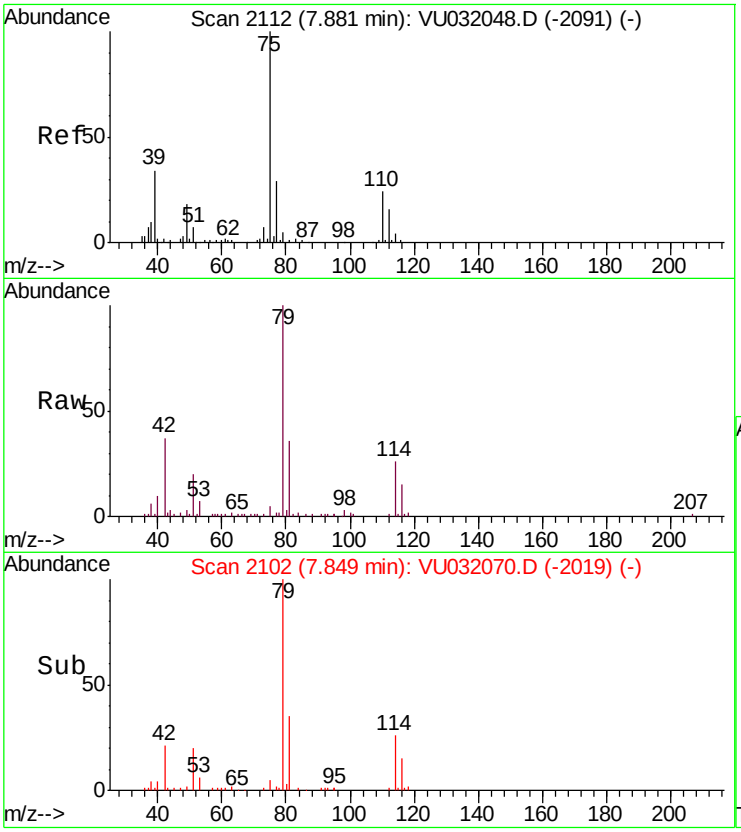


#39
cis-1,3-Dichloropropene
Concen: 0.188 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU032070.D
Acq: 16 May 2019 23:59

Tgt Ion: 75 Resp: 3912

Ion	Ratio	Lower	Upper
75	100		
77	51.3	21.7	40.3#



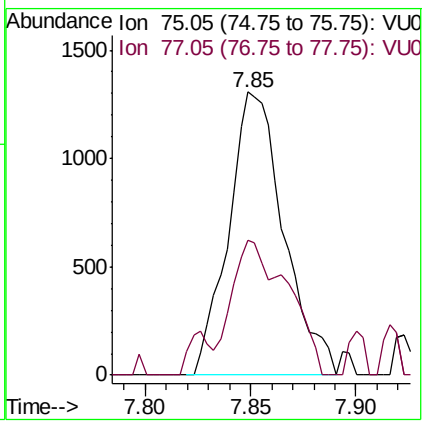


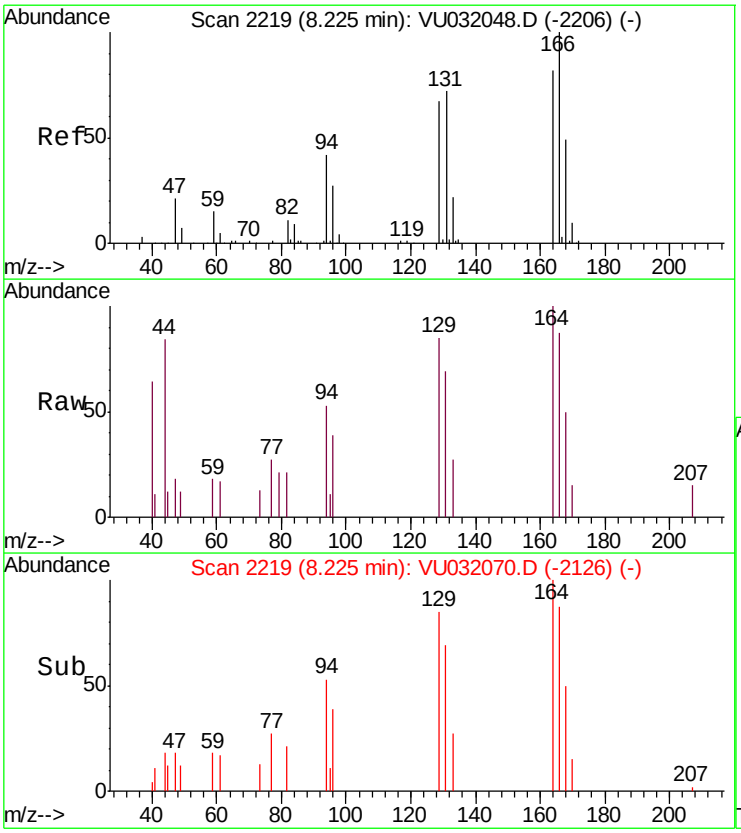
#44
trans-1,3-Dichloropropene
Concen: 0.147 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032070.D
Acq: 16 May 2019 23:59

Instrument :
MSVOA_U
ClientSampleId :
F9W12

Tgt Ion: 75 Resp: 2380

Ion	Ratio	Lower	Upper
75	100		
77	47.5	21.0	39.0#

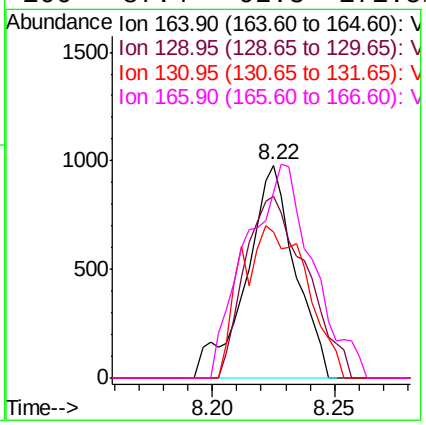


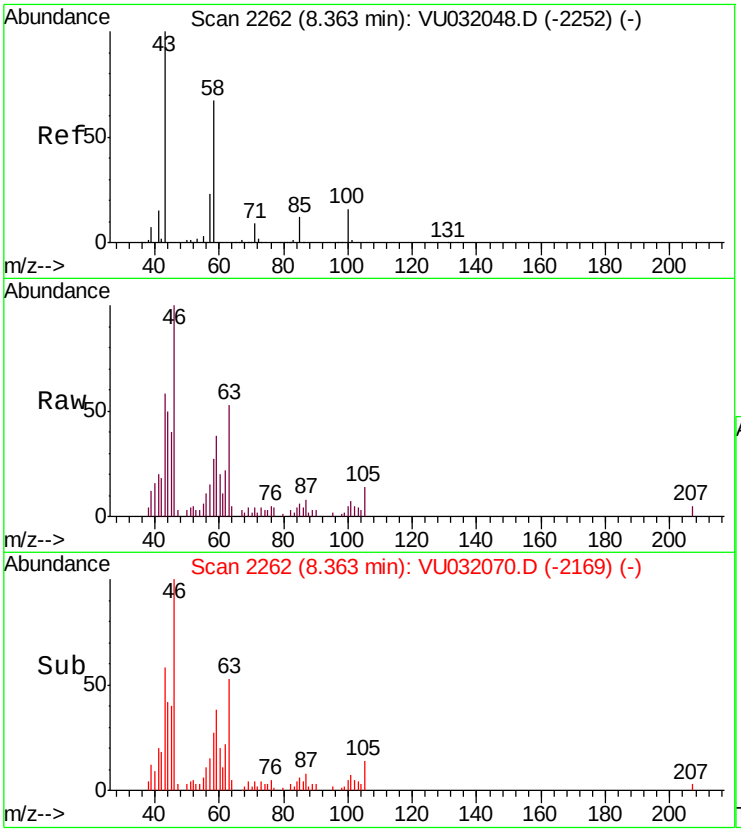


#47
Tetrachloroethene
Concen: 0.109 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032070.D
Acq: 16 May 2019 23:59

Tgt Ion:164 Resp: 1357

Ion	Ratio	Lower	Upper
164	100		
129	85.5	70.3	130.5
131	68.7	64.5	119.9
166	87.4	92.3	171.5#



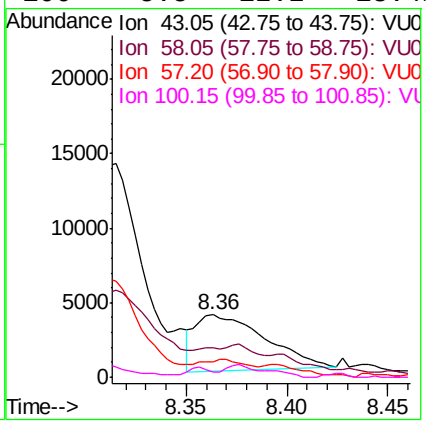


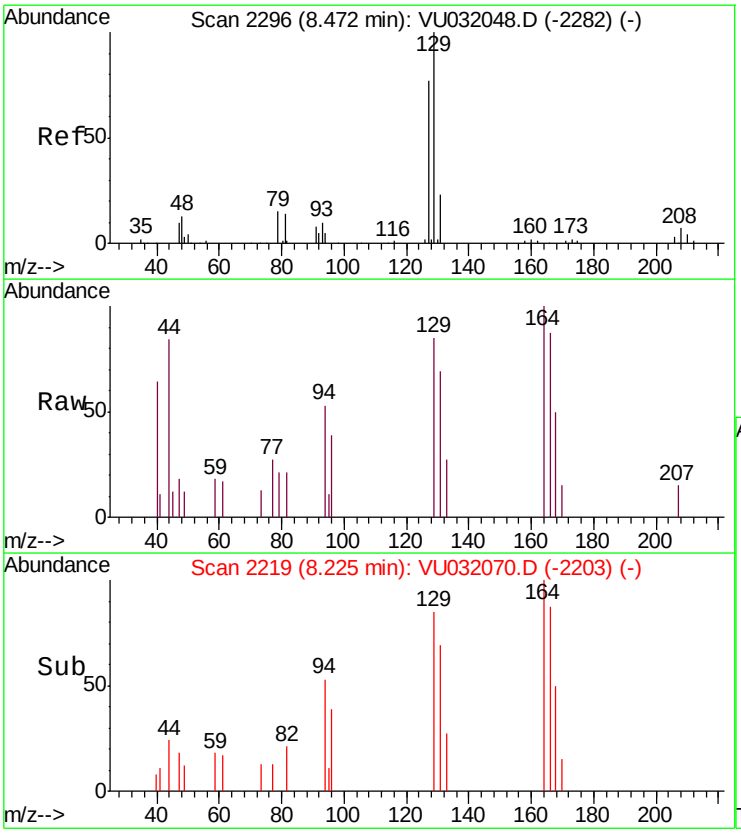
#48
2-Hexanone
Concen: 1.700 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032070.D
Acq: 16 May 2019 23:59

Instrument : MSVOA_U
ClientSampleId : F9W12

Tgt Ion: 43 Resp: 9190

Ion	Ratio	Lower	Upper
43	100		
58	0.0	51.6	77.4#
57	21.4	18.4	27.6
100	5.5	12.2	18.4#

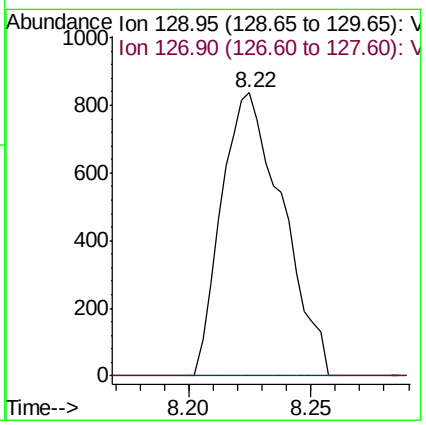


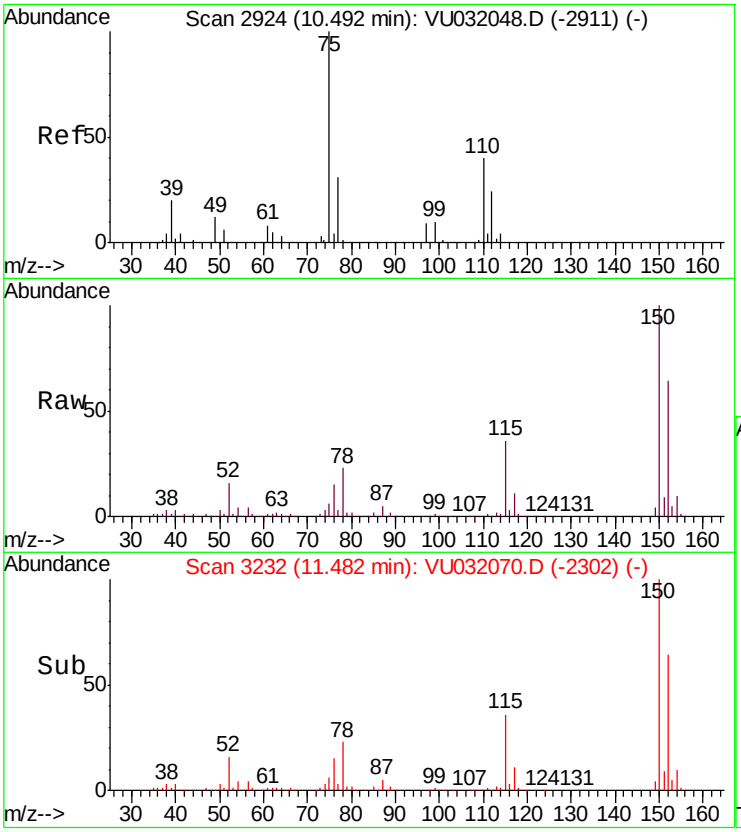


#49
Dibromochloromethane
Concen: 0.114 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU032070.D
Acq: 16 May 2019 23:59

Tgt Ion:129 Resp: 1460

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#





#59
1,2,3-Trichloropropane
Concen: 1.692 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032070.D
Acq: 16 May 2019 23:59

Instrument :
MSVOA_U
ClientSampleId :
F9W12

Tgt Ion: 75 Resp: 16155

Ion	Ratio	Lower	Upper
75	100		
77	43.4	26.2	39.2#