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

Quantitation Report (Not Reviewed)

Data File : VU032242.D
Acq On : 22 May 2019 23:21
Operator : JC/SP
Sample : K2888-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0BP4

Quant Time: May 23 01:54:01 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	379840	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	384349	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150735	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	117472	5.51	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 110.20%			
7) Chloroethane-d5	1.68	69	97239	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.80%			
11) 1,1-Dichloroethene-d2	2.27	63	168762	4.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.80%			
20) 2-Butanone-d5	4.20	46	252256	41.92	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.84%			
24) Chloroform-d	4.64	84	222823	4.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.80%			
26) 1,2-Dichloroethane-d4	5.31	65	111442	3.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.20%			
32) Benzene-d6	5.33	84	453802	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.20%			
36) 1,2-Dichloropropane-d6	6.33	67	131289	3.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 74.20%			
41) Toluene-d8	7.56	98	373374	3.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.40%			
43) trans-1,3-Dichloropropene-	7.85	79	44706	3.28	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 65.60%			
46) 2-Hexanone-d5	8.31	63	207444	40.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.96%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	105927	3.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 60.20%#			
64) 1,2-Dichlorobenzene-d4	11.85	152	136624	3.29	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 65.80%#			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	2380	0.146	ug/L	85
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1954	0.145	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1592	0.118	ug/L #	1
13) Acetone	2.34	43	11543	6.192	ug/L	93
35) Methylcyclohexane	6.33	83	32459	1.579	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	15041	1.202	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2785	0.156	ug/L #	74
44) trans-1,3-Dichloropropene	7.85	75	1824	0.130	ug/L	88
45) 1,1,2-Trichloroethane	8.22	97	1820	0.188	ug/L #	12
47) Tetrachloroethene	8.22	164	235050	20.406	ug/L	98
48) 2-Hexanone	8.37	43	7918	1.631	ug/L #	87
49) Dibromochloromethane	8.22	129	213283	19.384	ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	15801	1.938	ug/L	90

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

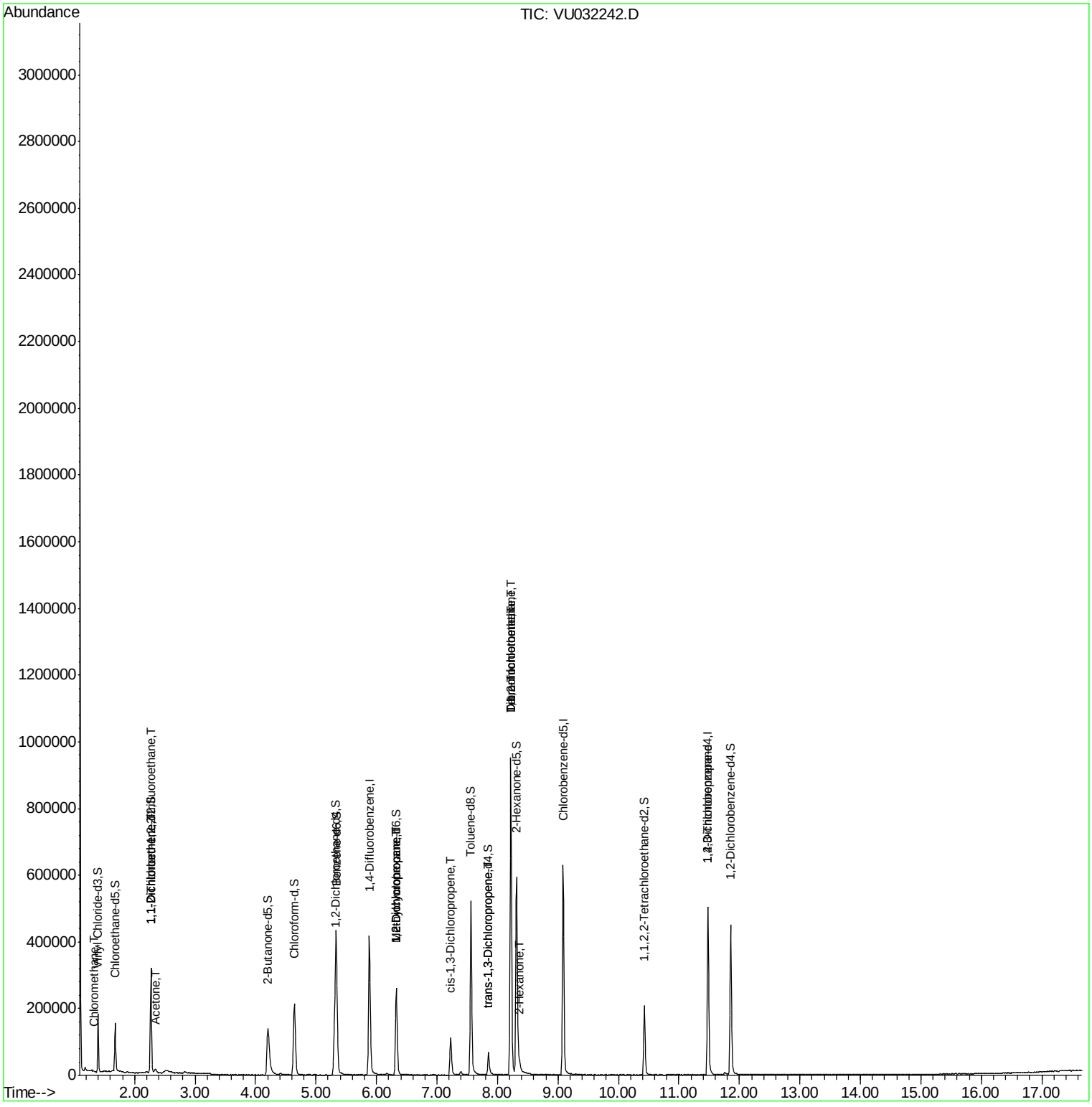
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052219\

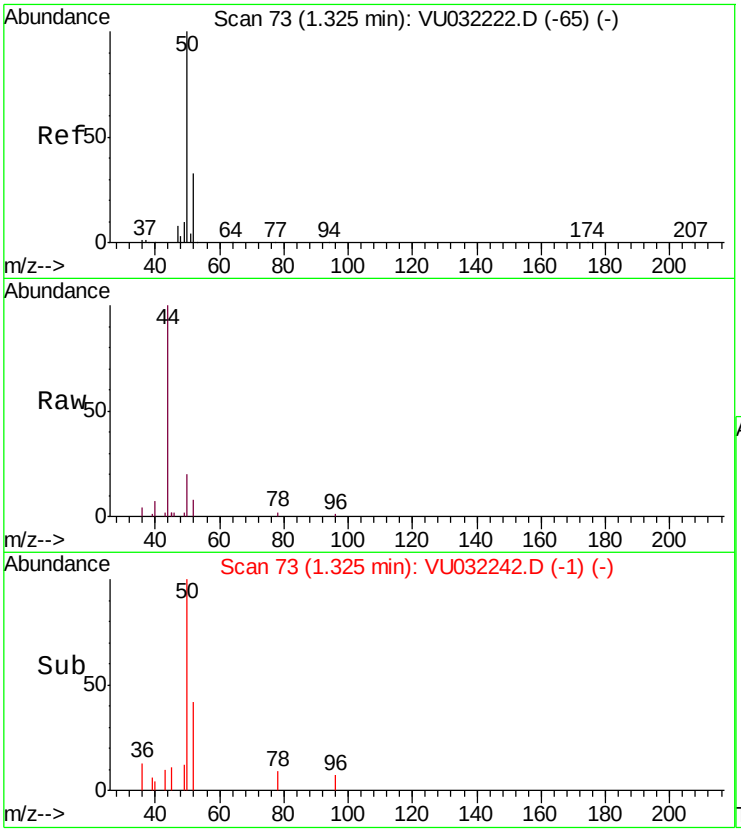
Quantitation Report (Not Reviewed)

Data File : VU032242.D
Acq On : 22 May 2019 23:21
Operator : JC/SP
Sample : K2888-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BP4

Quant Time: May 23 01:54:01 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



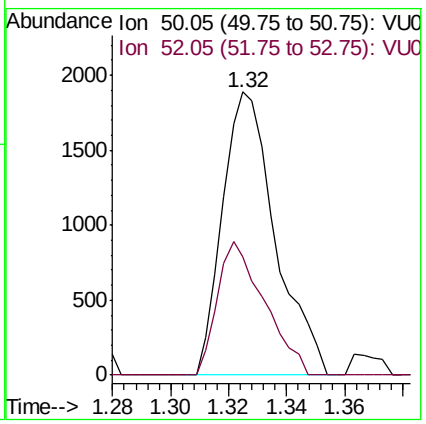


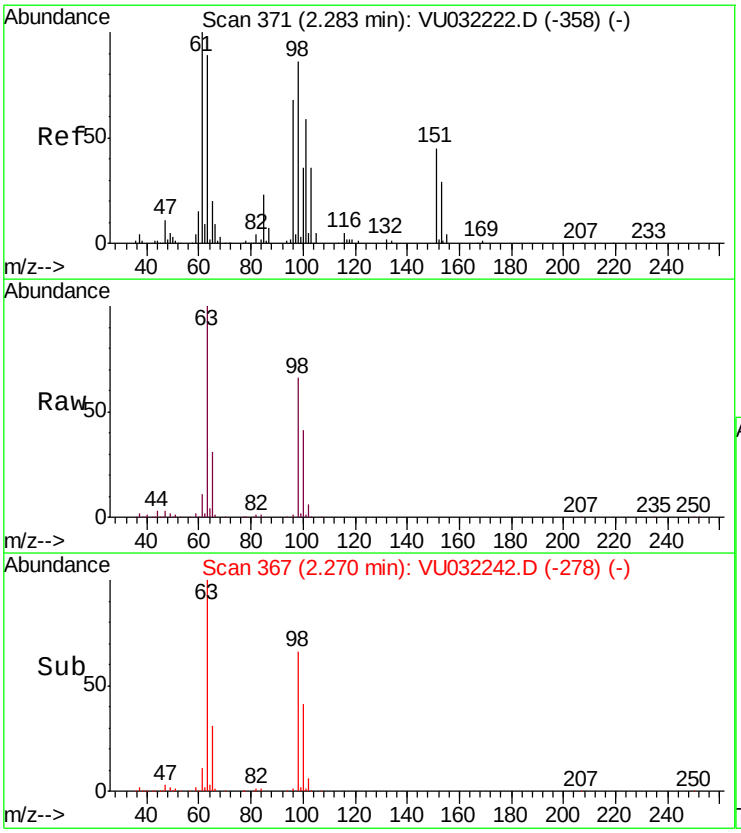
#3
Chloromethane
Concen: 0.146 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU032242.D
Acq: 22 May 2019 23:21

Instrument :
MSVOA_U
ClientSampleId :
C0BP4

Tgt Ion: 50 Resp: 2380

Ion	Ratio	Lower	Upper
50	100		
52	42.0	23.3	43.3

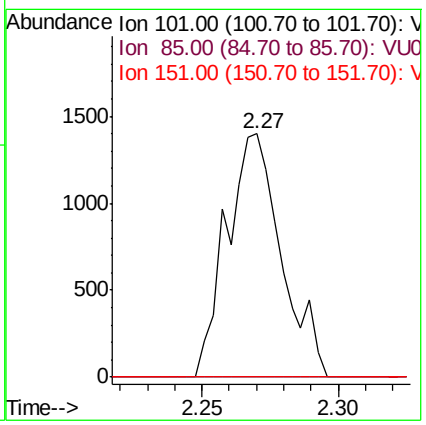


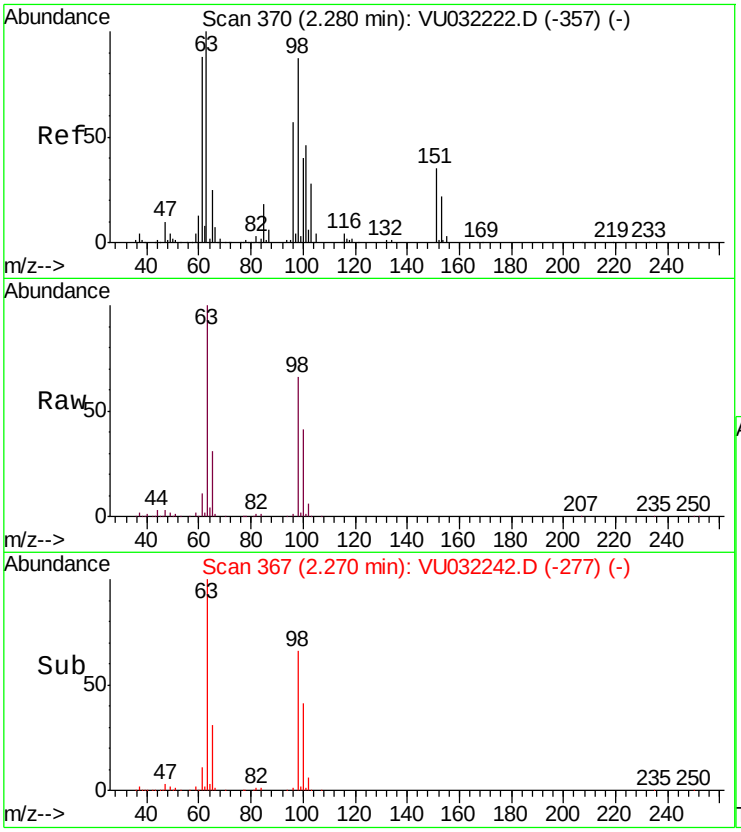


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.145 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032242.D
Acq: 22 May 2019 23:21

Tgt Ion:101 Resp: 1954

Ion	Ratio	Lower	Upper
101	100		
85	2.3	34.2	51.4#
151	0.0	64.4	96.6#



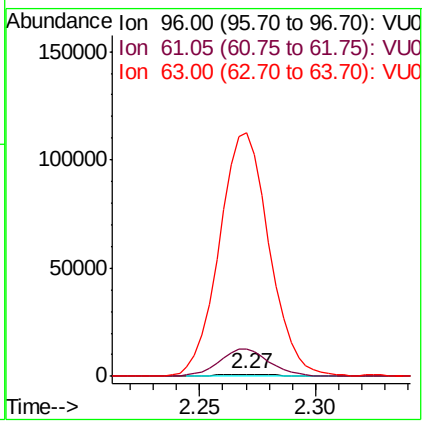


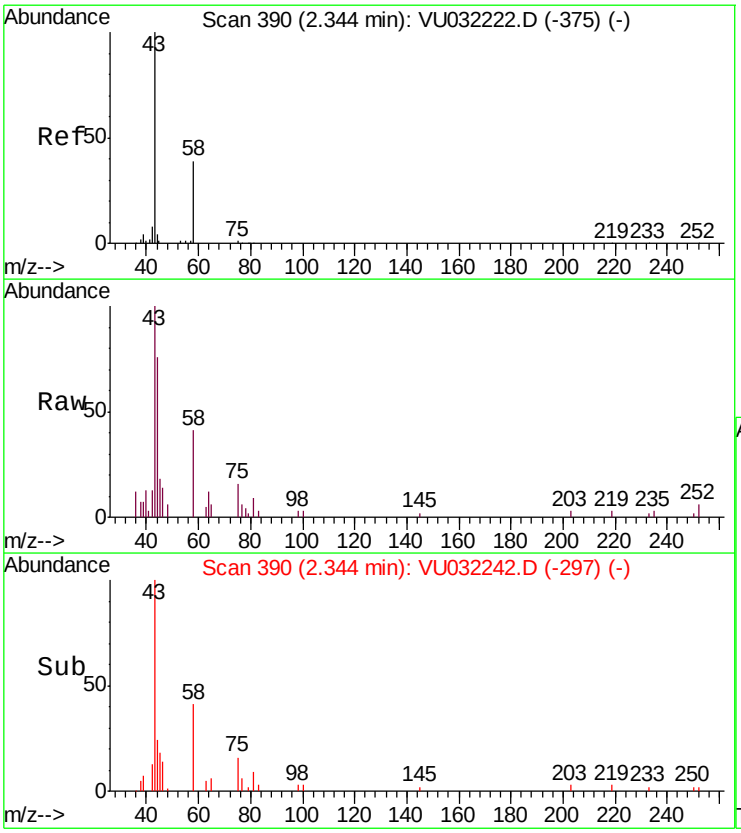
#12
1,1-Dichloroethene
Concen: 0.118 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032242.D
Acq: 22 May 2019 23:21

Instrument : MSVOA_U
ClientSampleId : C0BP4

Tgt Ion: 96 Resp: 1592

Ion	Ratio	Lower	Upper
96	100		
61	1420.4	113.8	211.3#
63	12522.0	108.8	202.2#

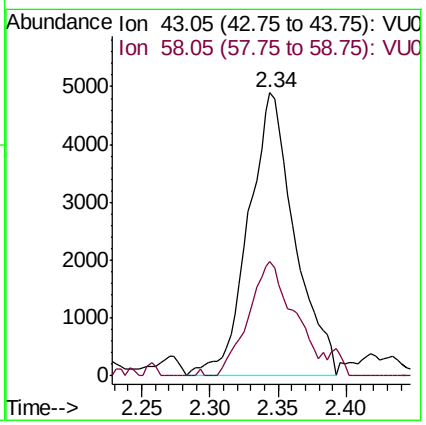


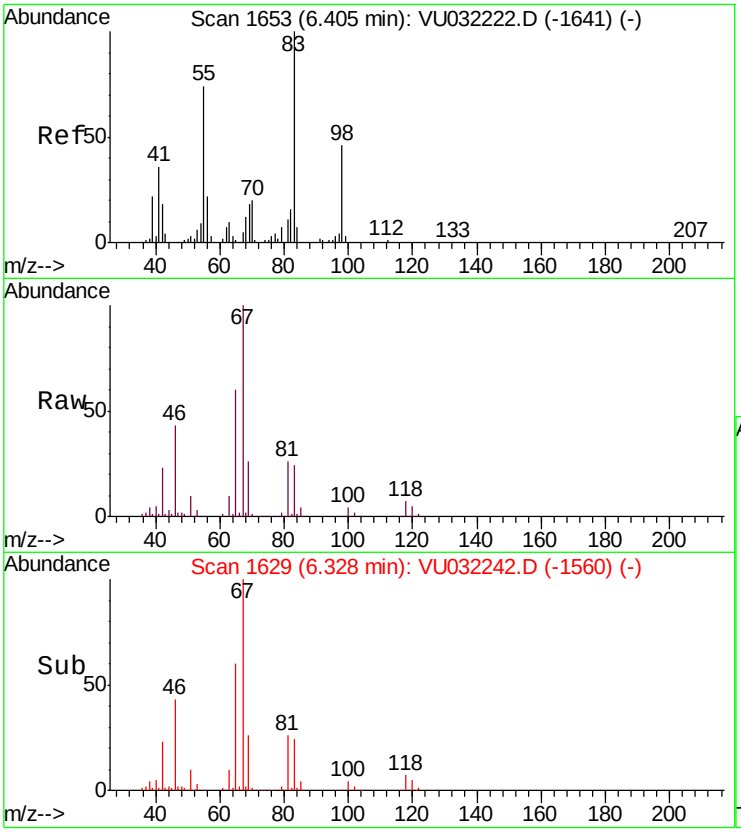


#13
Acetone
Concen: 6.192 ug/L
RT: 2.34 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU032242.D
Acq: 22 May 2019 23:21

Tgt Ion: 43 Resp: 11543

Ion	Ratio	Lower	Upper
43	100		
58	40.5	0.0	72.6



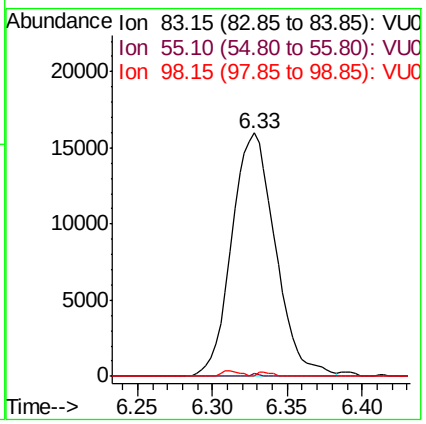


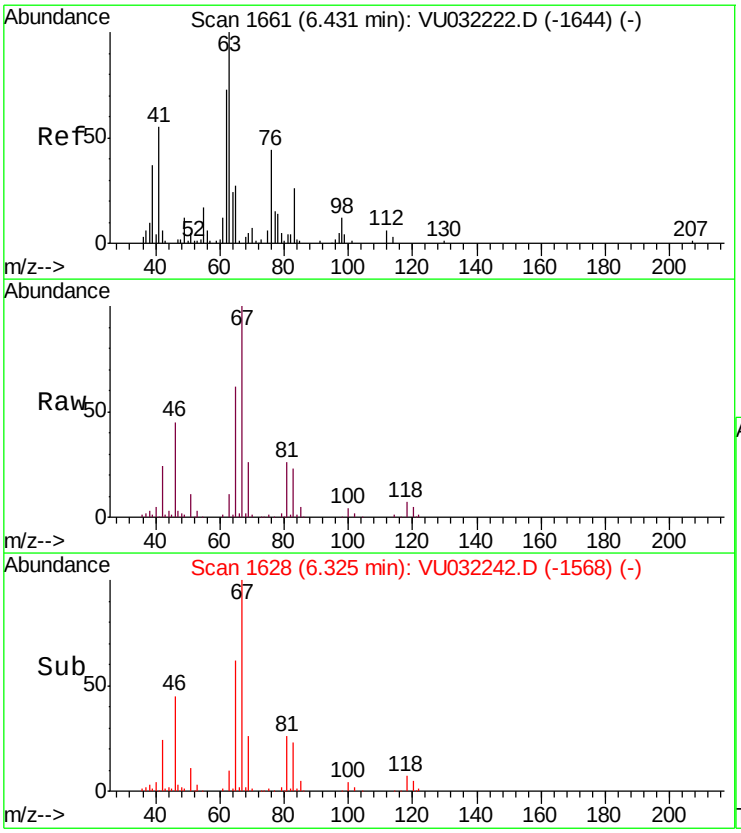
#35
Methylcyclohexane
Concen: 1.579 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032242.D
Acq: 22 May 2019 23:21

Instrument :
MSVOA_U
ClientSampleId :
C0BP4

Tgt Ion: 83 Resp: 32459

Ion	Ratio	Lower	Upper
83	100		
55	0.2	59.7	89.5#
98	0.5	37.5	56.3#

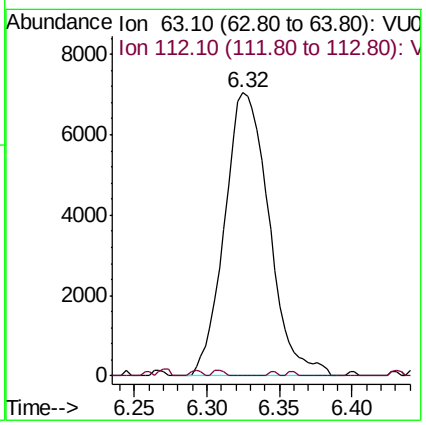


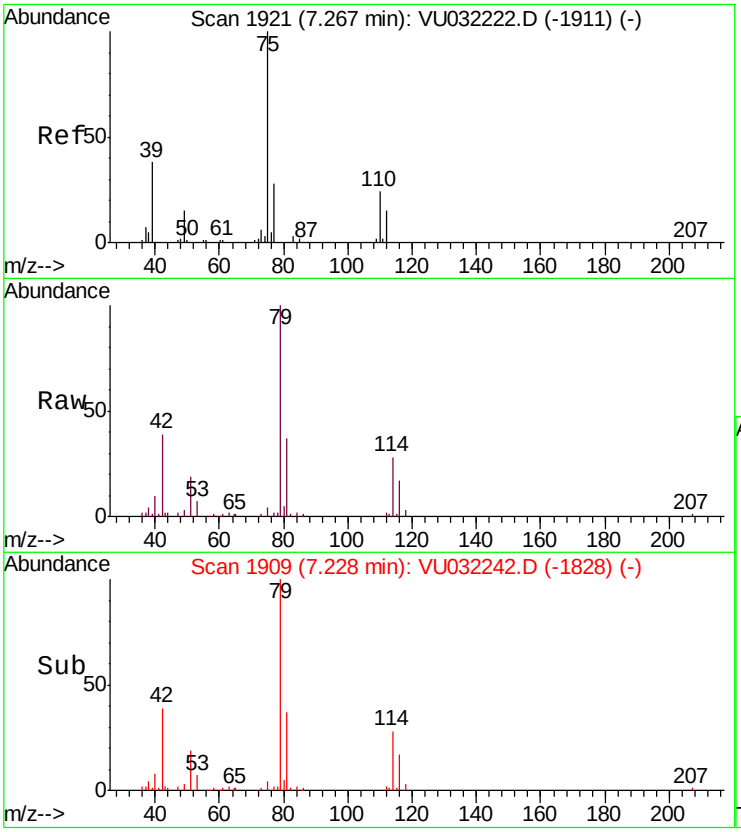


#37
1,2-Dichloropropane
Concen: 1.202 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU032242.D
Acq: 22 May 2019 23:21

Tgt Ion: 63 Resp: 15041

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.8	5.8#



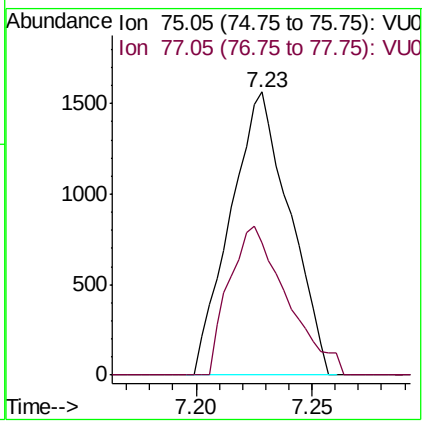


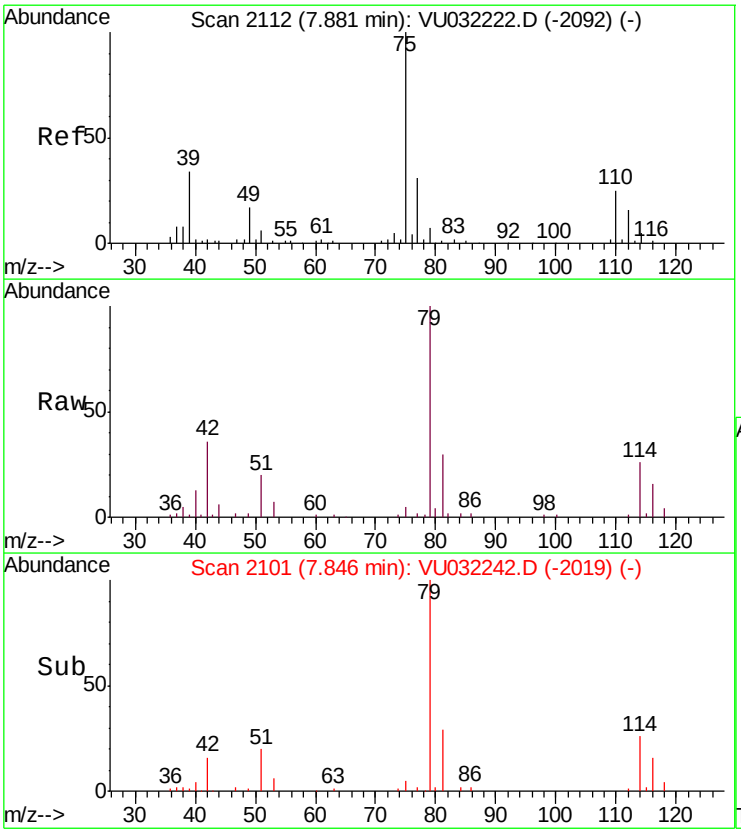
#39
cis-1,3-Dichloropropene
Concen: 0.156 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU032242.D
Acq: 22 May 2019 23:21

Instrument :
MSVOA_U
ClientSampleId :
C0BP4

Tgt Ion: 75 Resp: 2785

Ion	Ratio	Lower	Upper
75	100		
77	47.0	22.6	42.0#

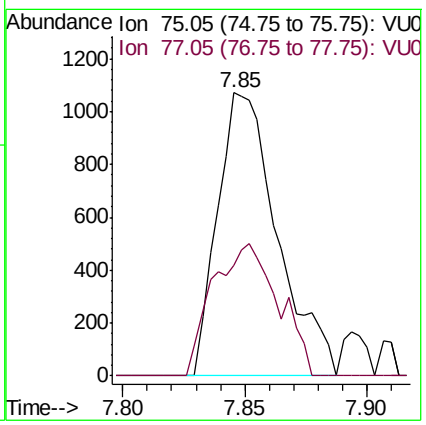


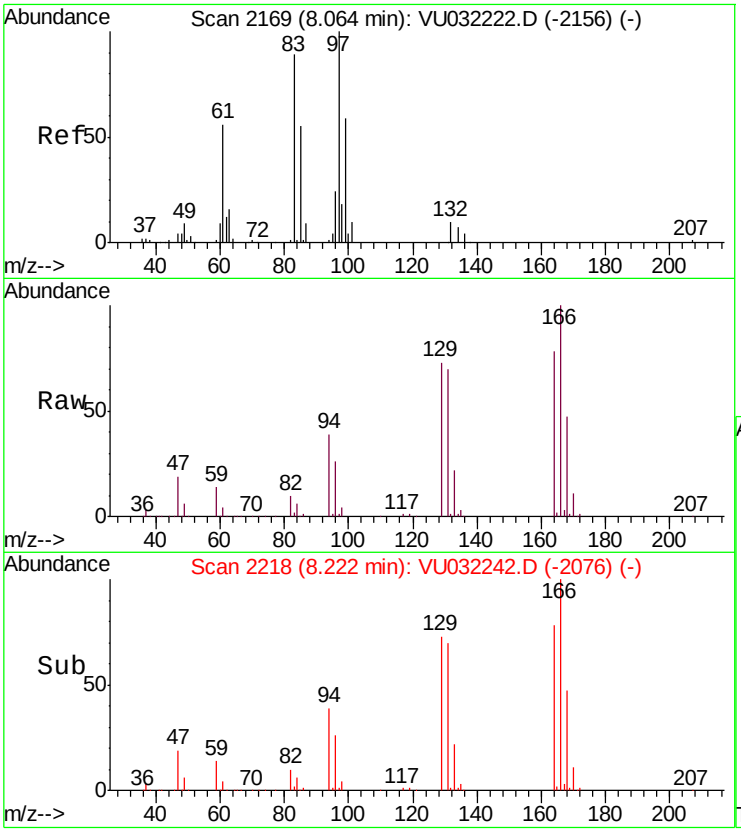


#44
trans-1,3-Dichloropropene
Concen: 0.130 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.04 min
Lab File: VU032242.D
Acq: 22 May 2019 23:21

Tgt Ion: 75 Resp: 1824

Ion	Ratio	Lower	Upper
75	100		
77	38.9	22.5	41.9



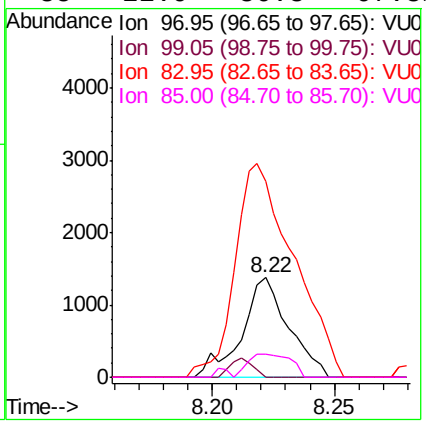


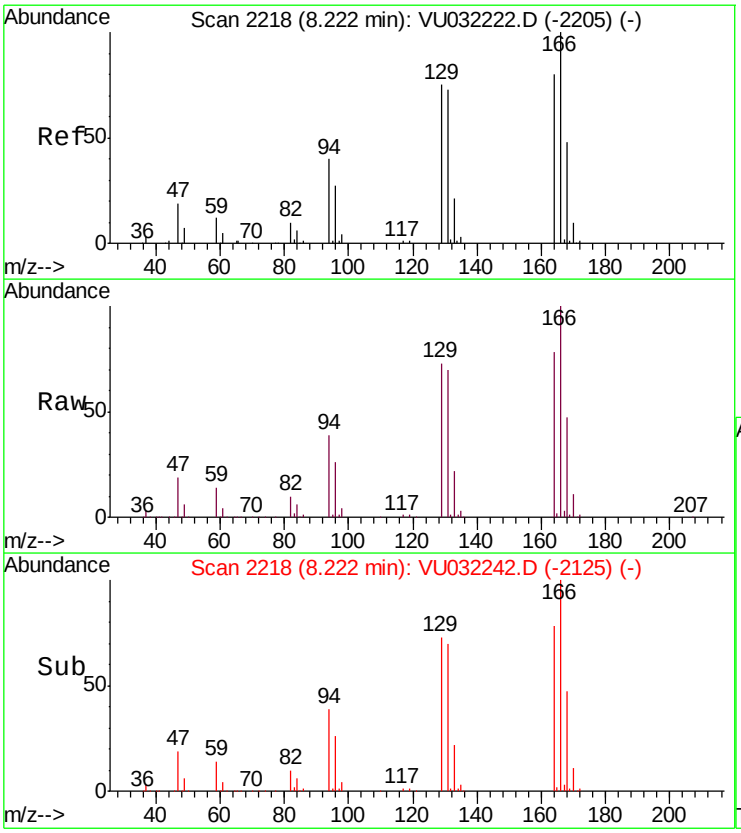
#45
1,1,2-Trichloroethane
Concen: 0.188 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.16 min
Lab File: VU032242.D
Acq: 22 May 2019 23:21

Instrument : MSVOA_U
ClientSampleId : C0BP4

Tgt Ion: 97 Resp: 1820

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.2	82.0#
83	196.8	60.5	112.3#
85	22.9	36.3	67.3#

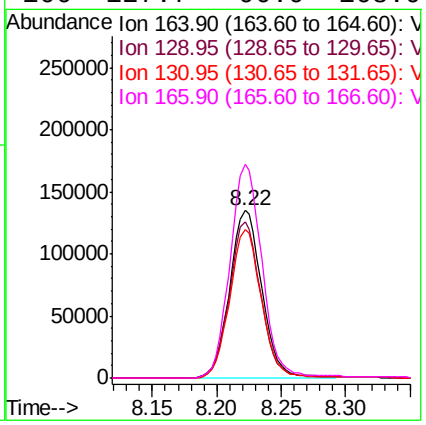


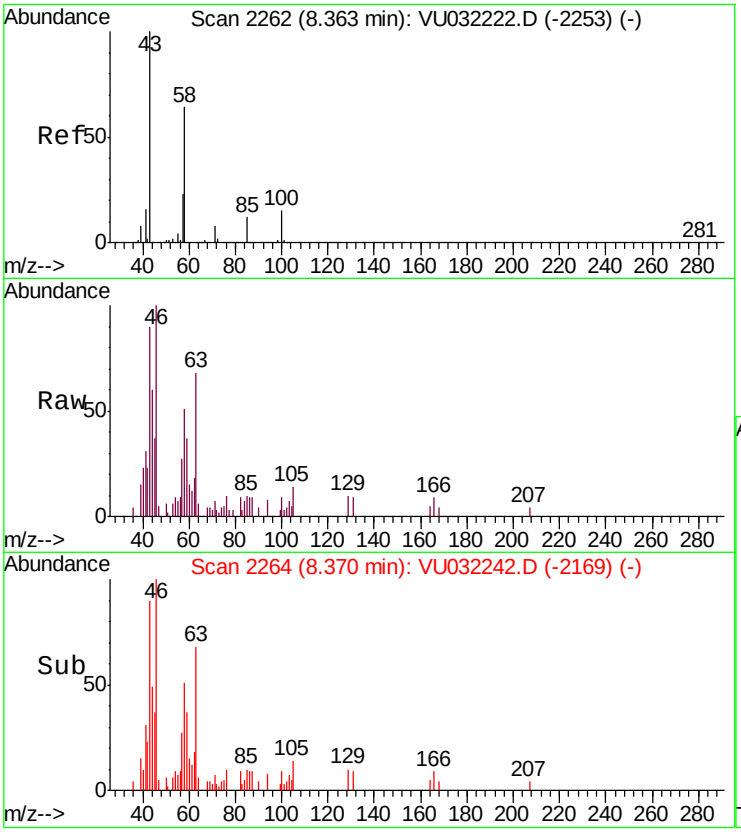


#47
Tetrachloroethene
Concen: 20.406 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032242.D
Acq: 22 May 2019 23:21

Tgt Ion:164 Resp: 235050

Ion	Ratio	Lower	Upper
164	100		
129	93.2	67.1	124.7
131	89.1	62.2	115.4
166	127.7	90.9	168.9



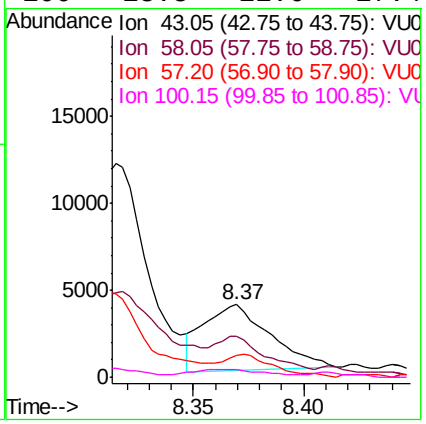


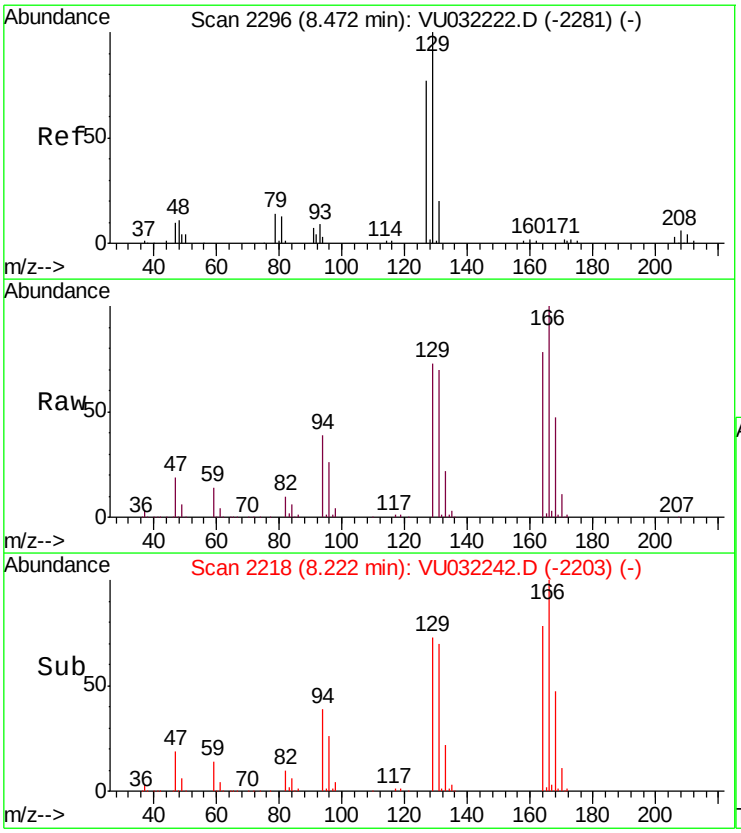
#48
2-Hexanone
Concen: 1.631 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032242.D
Acq: 22 May 2019 23:21

Instrument :
MSVOA_U
ClientSampleId :
C0BP4

Tgt Ion: 43 Resp: 7918

Ion	Ratio	Lower	Upper
43	100		
58	50.2	49.7	74.5
57	27.8	17.1	25.7#
100	13.8	11.6	17.4

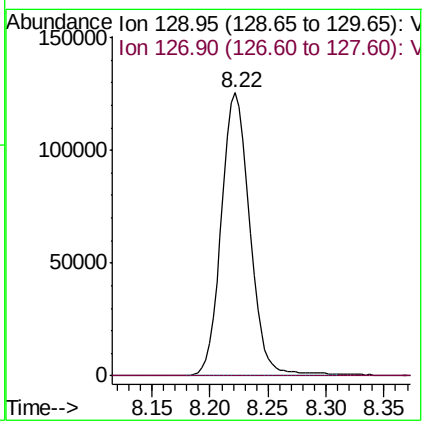


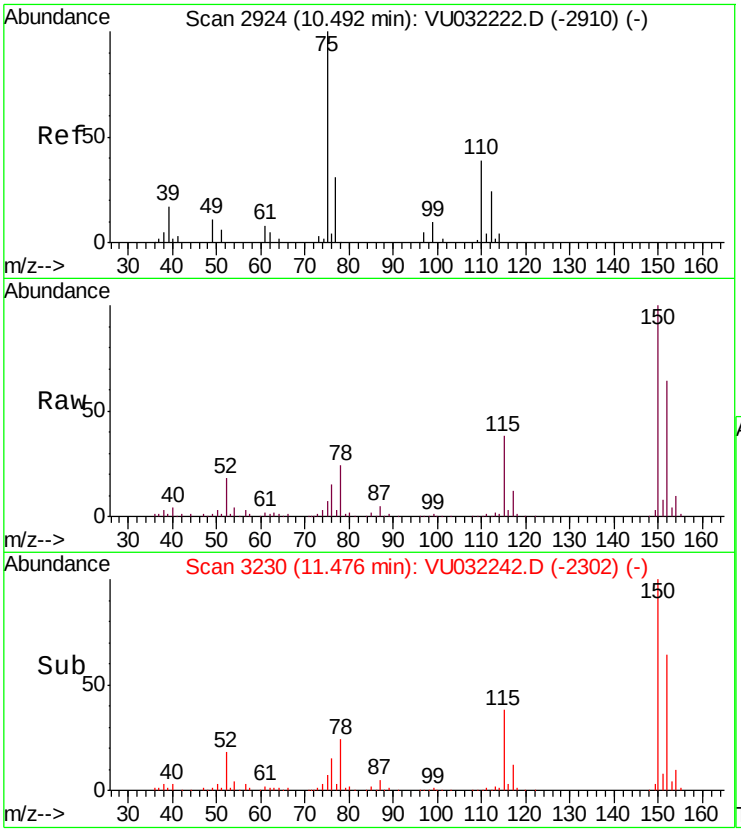


#49
Dibromochloromethane
Concen: 19.384 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032242.D
Acq: 22 May 2019 23:21

Tgt Ion:129 Resp: 213283

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.7	95.9#





#59
1,2,3-Trichloropropane
Concen: 1.938 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.98 min
Lab File: VU032242.D
Acq: 22 May 2019 23:21

Instrument :
MSVOA_U
ClientSampleId :
C0BP4

Tgt Ion: 75 Resp: 15801

Ion	Ratio	Lower	Upper
75	100		
77	40.8	28.2	42.4