Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051319\

Quantitation Report (Not Reviewed)

Data File : VU031974.D
Acq On : 13 May 2019 17:27
Operator : JC/SP
Sample : K2744-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D16

Quant Time: May 14 02:43:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 14 02:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	511797	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	503516	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	193994	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	110869	3.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.60%			
7) Chloroethane-d5	1.68	69	114661	3.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.80%			
11) 1,1-Dichloroethene-d2	2.27	63	173298	2.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 46.20%#			
20) 2-Butanone-d5	4.19	46	495707	36.40	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 72.80%			
24) Chloroform-d	4.64	84	266479	3.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 74.60%			
26) 1,2-Dichloroethane-d4	5.31	65	151760	3.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.00%			
32) Benzene-d6	5.33	84	509527	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.00%			
36) 1,2-Dichloropropane-d6	6.33	67	184668	3.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.00%			
41) Toluene-d8	7.56	98	392253	3.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.20%			
43) trans-1,3-Dichloropropene-	7.85	79	49184	2.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 59.20%			
46) 2-Hexanone-d5	8.31	63	368491	43.87	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.74%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	157513	4.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	148371	4.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.60%			
Target Compounds						Qvalue
6) Bromomethane	1.63	94	4598	0.163	ug/L	85
8) Chloroethane	1.51	64	42018	1.243	ug/L #	55
35) Methylcyclohexane	6.32	83	40218	0.633	ug/L #	11
37) 1,2-Dichloropropane	6.32	63	17790	0.354	ug/L #	91
47) Tetrachloroethene	8.23	164	5094	0.177	ug/L #	79
49) Dibromochloromethane	8.22	129	4353	0.126	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	23907	0.804	ug/L	97
69) Naphthalene	13.76	128	7640	0.129	ug/L #	82

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

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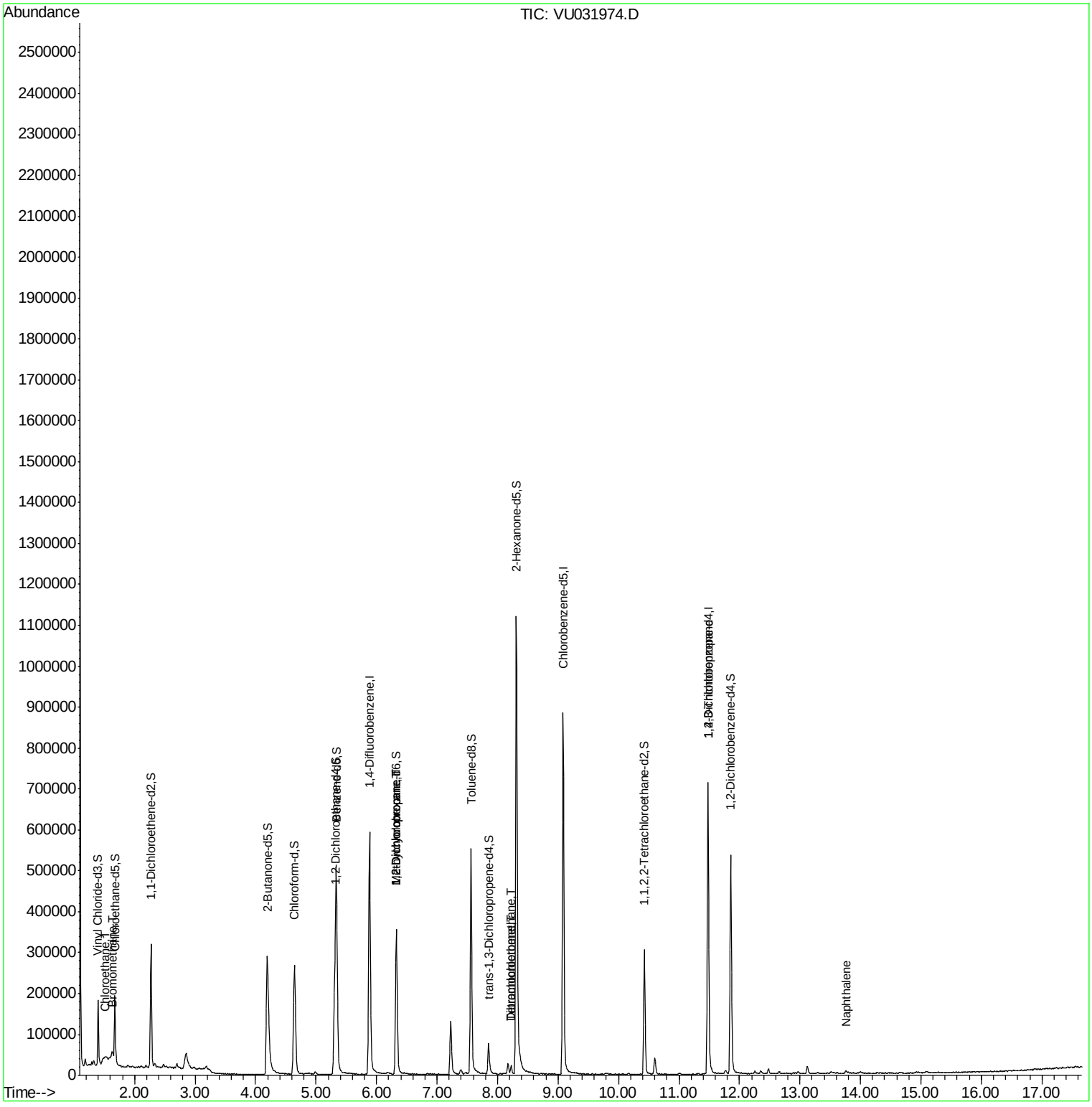
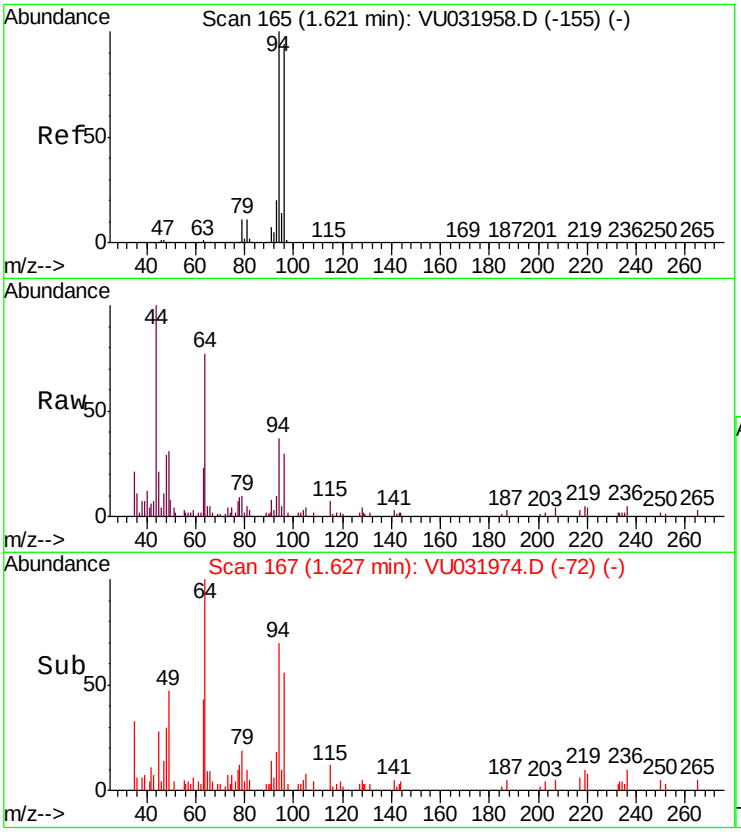
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 14 02:38:02 2019
Response via : Initial Calibration



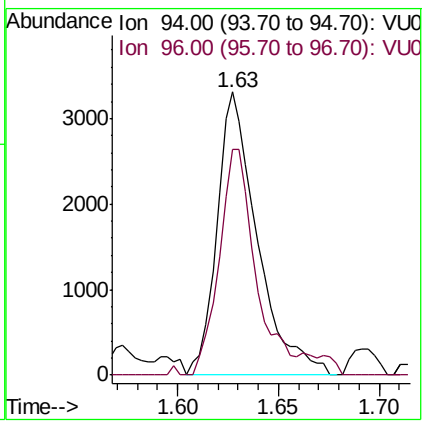


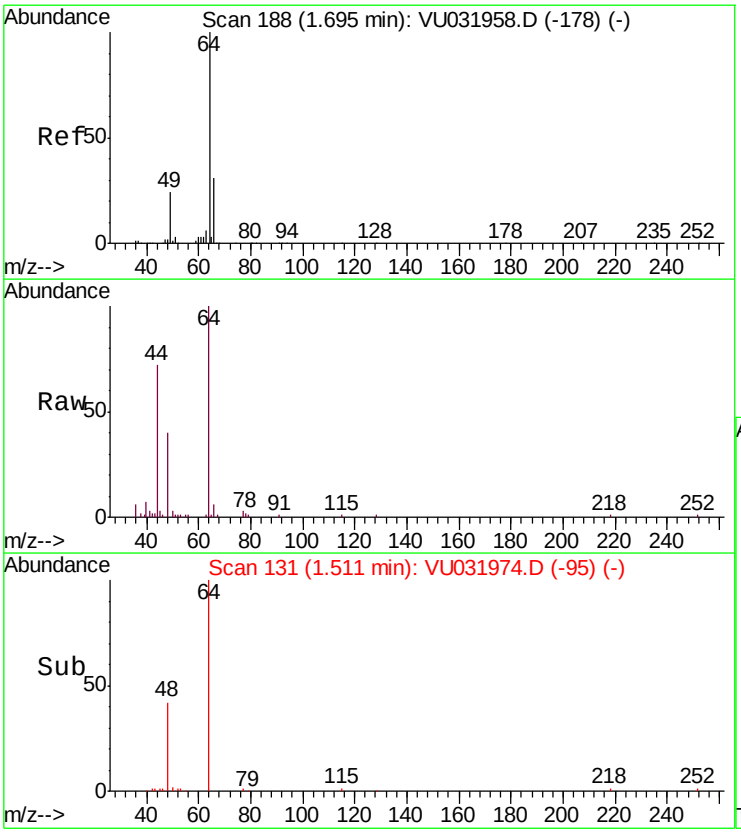
#6
Bromomethane
Concen: 0.163 ug/L
RT: 1.63 min Scan# 167
Delta R.T. 0.01 min
Lab File: VU031974.D
Acq: 13 May 2019 17:27

Instrument :
MSVOA_U
ClientSampleId :
F9D16

Tgt Ion: 94 Resp: 4598

Ion	Ratio	Lower	Upper
94	100		
96	79.9	66.1	122.8

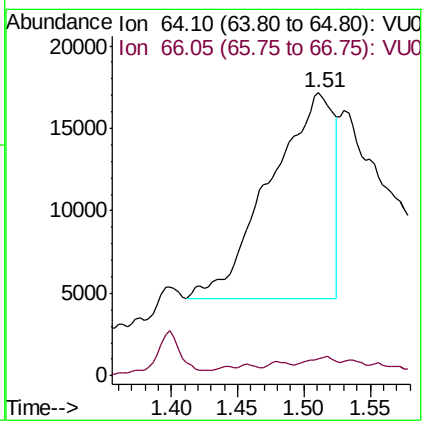


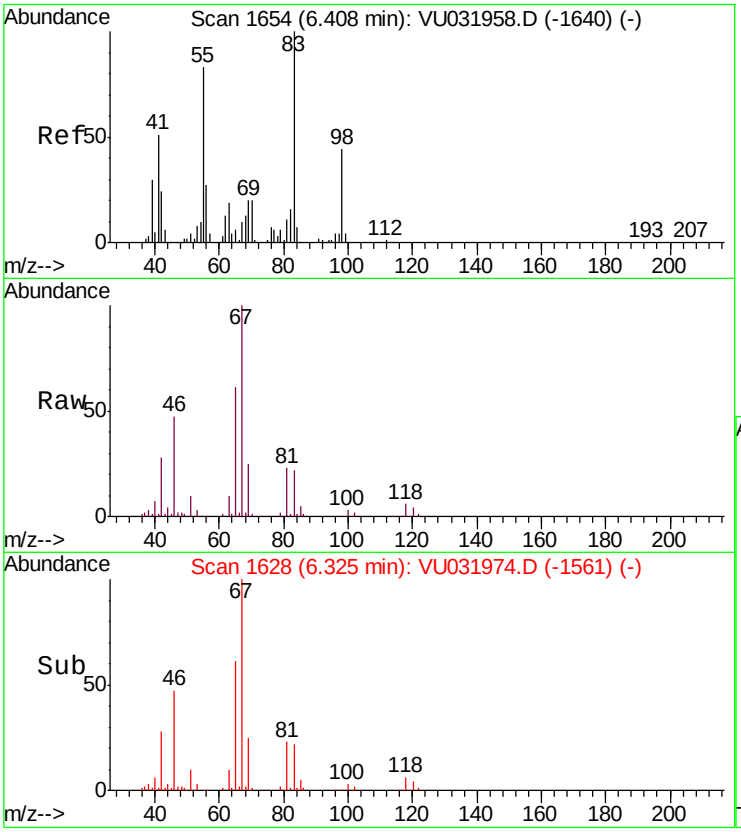


#8
Chloroethane
Concen: 1.243 ug/L
RT: 1.51 min Scan# 131
Delta R.T. -0.18 min
Lab File: VU031974.D
Acq: 13 May 2019 17:27

Tgt Ion: 64 Resp: 42018

Ion	Ratio	Lower	Upper
64	100		
66	6.2	21.9	40.7#



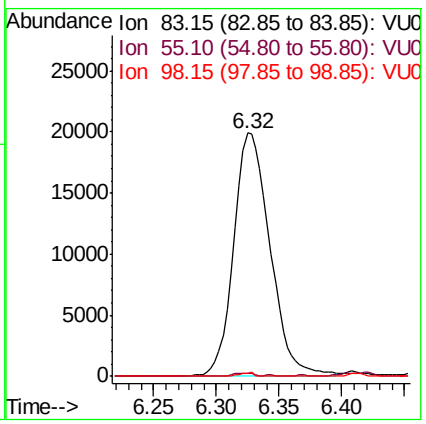


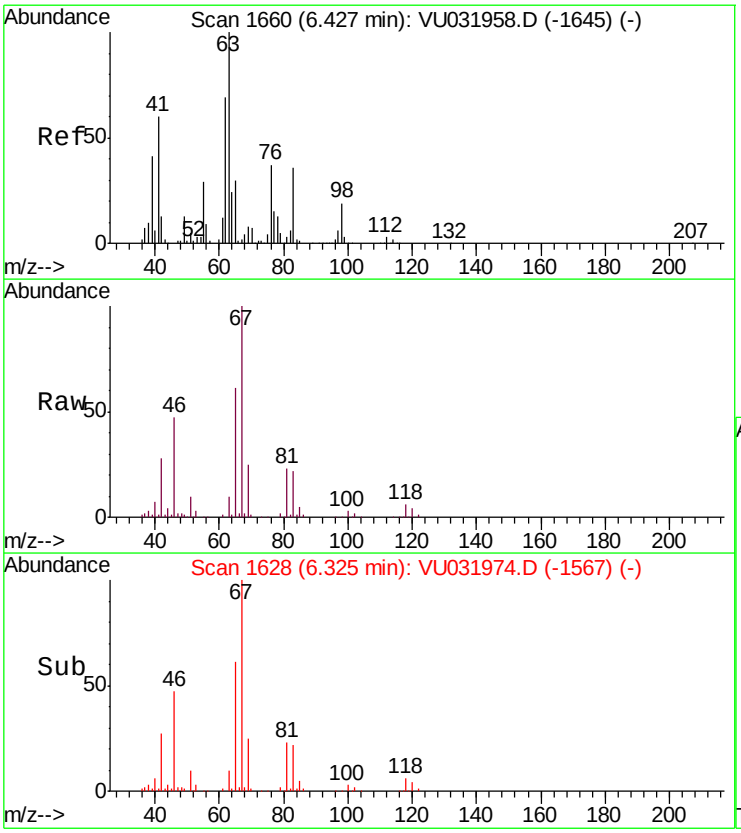
#35
Methylcyclohexane
Concen: 0.633 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU031974.D
Acq: 13 May 2019 17:27

Instrument :
MSVOA_U
ClientSampleId :
F9D16

Tgt Ion: 83 Resp: 40218

Ion	Ratio	Lower	Upper
83	100		
55	0.7	79.2	118.8#
98	0.5	34.0	51.0#

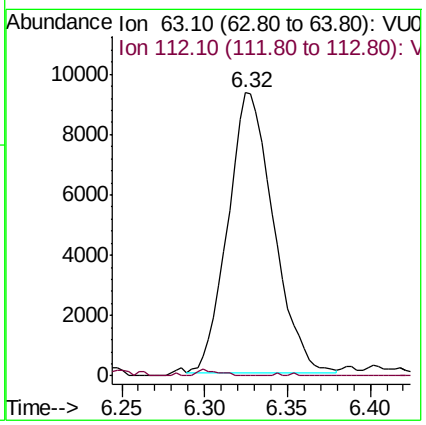


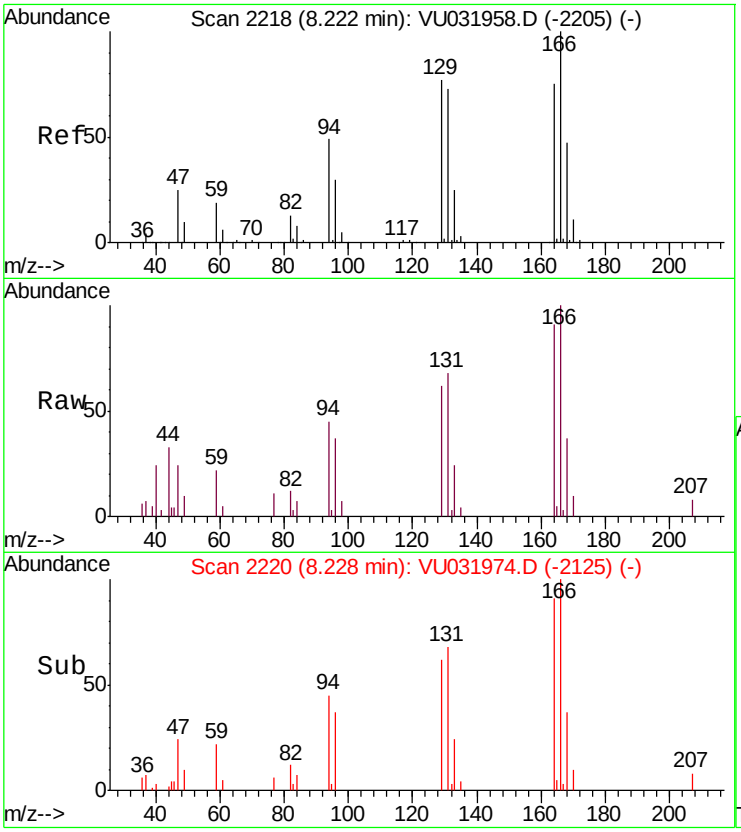


#37
1,2-Dichloropropane
Concen: 0.354 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU031974.D
Acq: 13 May 2019 17:27

Tgt Ion: 63 Resp: 17790

Ion	Ratio	Lower	Upper
63	100		
112	0.1	2.5	3.7#



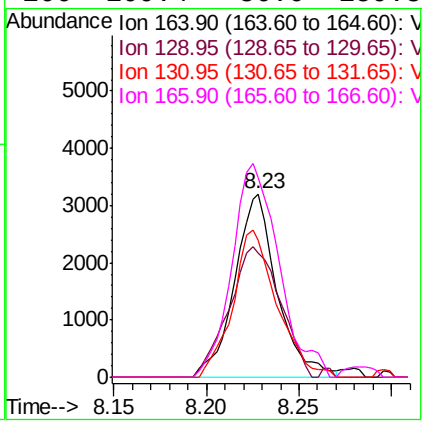


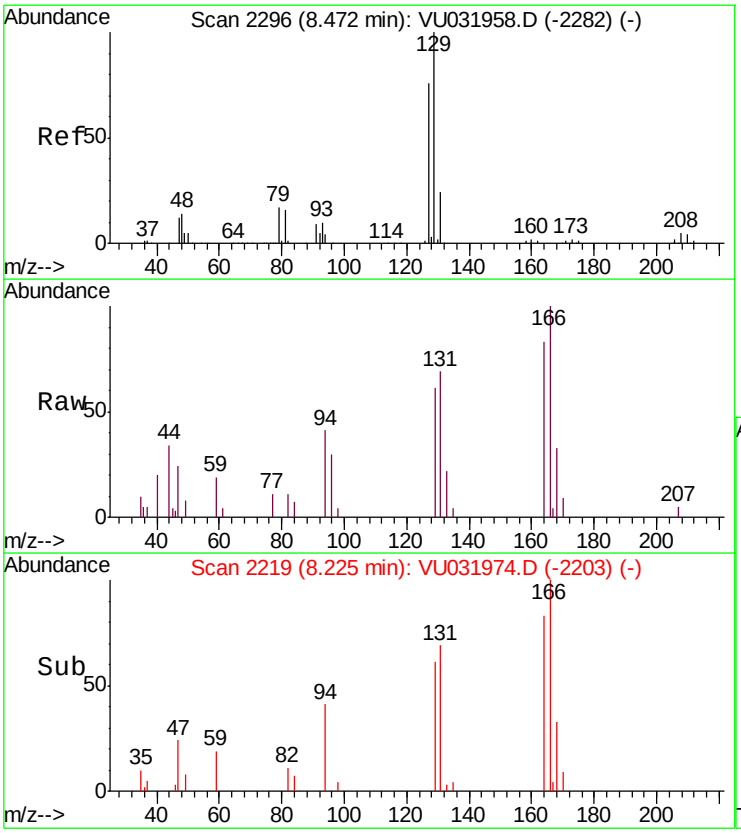
#47
Tetrachloroethene
Concen: 0.177 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031974.D
Acq: 13 May 2019 17:27

Instrument : MSVOA_U
ClientSampleId : F9D16

Tgt Ion:164 Resp: 5094

Ion	Ratio	Lower	Upper
164	100		
129	68.1	70.3	130.5#
131	74.6	65.4	121.4
166	109.4	86.0	159.8

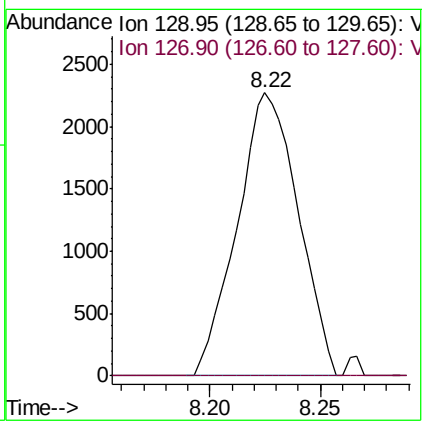


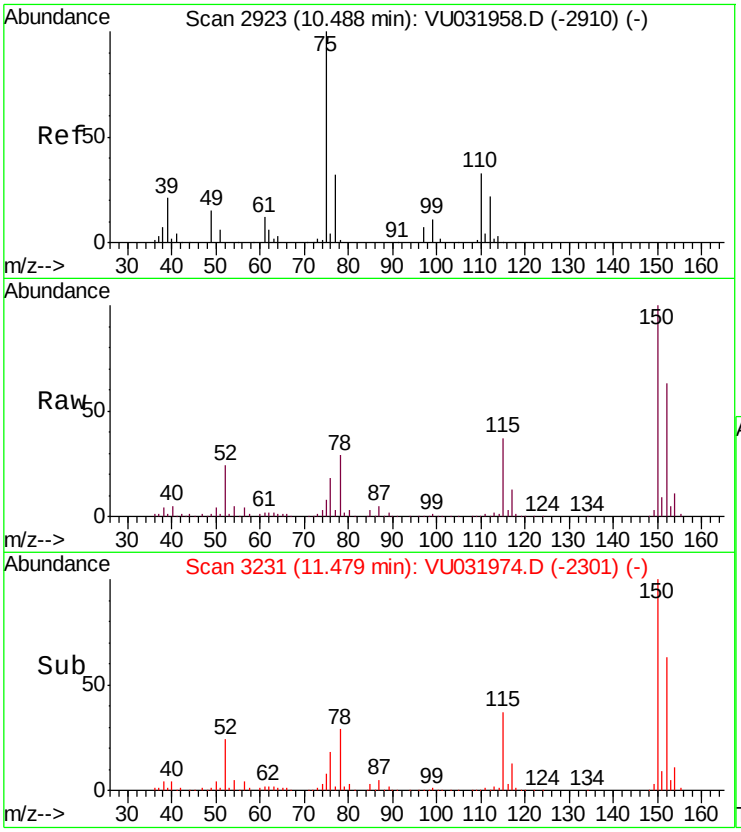


#49
Dibromochloromethane
Concen: 0.126 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU031974.D
Acq: 13 May 2019 17:27

Tgt Ion:129 Resp: 4353

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#



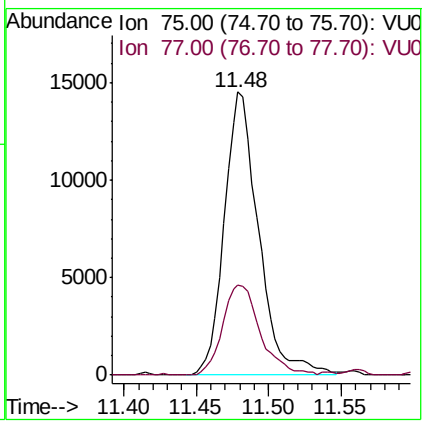


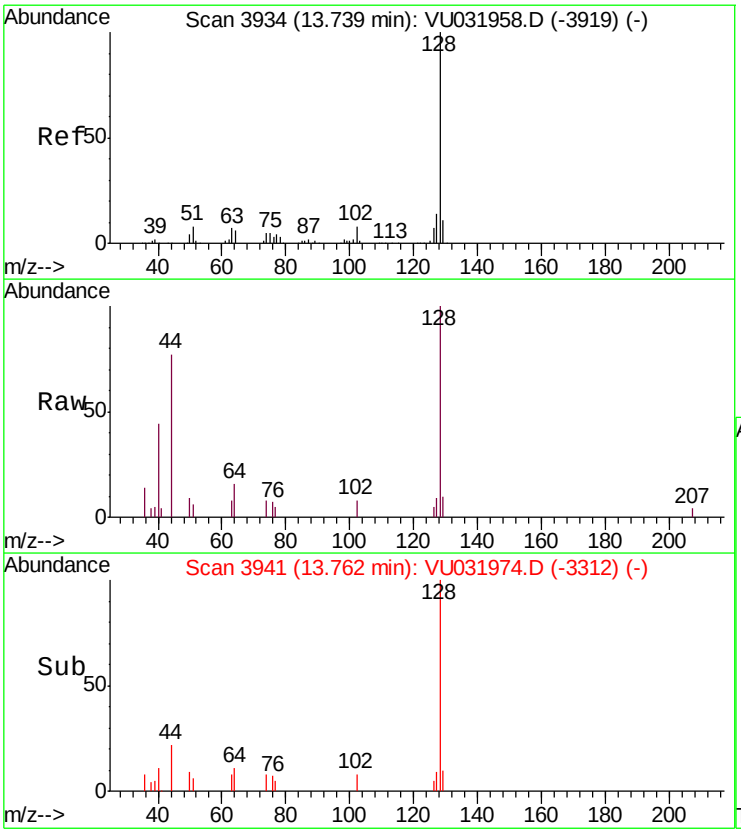
#59
1,2,3-Trichloropropane
Concen: 0.804 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031974.D
Acq: 13 May 2019 17:27

Instrument :
MSVOA_U
ClientSampleId :
F9D16

Tgt Ion: 75 Resp: 23907

Ion	Ratio	Lower	Upper
75	100		
77	34.7	26.3	39.5





#69
Naphthalene
Concen: 0.129 ug/L
RT: 13.76 min Scan# 3941
Delta R.T. 0.02 min
Lab File: VU031974.D
Acq: 13 May 2019 17:27

Tgt Ion:128 Resp: 7640

Ion	Ratio	Lower	Upper
128	100		
129	5.2	8.0	12.0#
127	4.8	10.7	16.1#