Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051719\

Quantitation Report (Not Reviewed)

Data File : VU032128.D
Acq On : 18 May 2019 03:21
Operator : JC/SP
Sample : K2860-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W30

Quant Time: May 18 05:49:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 05:45:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	348916	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	360219	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	141205	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	111401	3.79	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.80%				
7) Chloroethane-d5	1.68	69	98985	3.94	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.80%				
11) 1,1-Dichloroethene-d2	2.27	63	155918	3.33	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.60%				
20) 2-Butanone-d5	4.21	46	266530	46.19	ug/L		0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.38%				
24) Chloroform-d	4.64	84	219259	4.24	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.80%				
26) 1,2-Dichloroethane-d4	5.31	65	111913	4.20	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.00%				
32) Benzene-d6	5.33	84	440890	4.01	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.20%				
36) 1,2-Dichloropropane-d6	6.32	67	130860	4.07	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.40%				
41) Toluene-d8	7.56	98	361134	3.73	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.60%				
43) trans-1,3-Dichloropropene-	7.85	79	44600	3.86	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.20%				
46) 2-Hexanone-d5	8.31	63	231822	44.40	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.80%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118701	4.52	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.40%				
64) 1,2-Dichlorobenzene-d4	11.86	152	140980	4.71	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.20%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	2949	0.176	ug/L		87
8) Chloroethane	1.71	64	1198	0.110	ug/L	#	50
12) 1,1-Dichloroethene	2.27	96	1795	0.128	ug/L	#	1
13) Acetone	2.34	43	87988	46.449	ug/L		99
15) Methyl Acetate	2.34	43	79245	14.590	ug/L	#	42
17) Methyl tert-butyl Ether	3.00	73	519270	15.763	ug/L		96
22) cis-1,2-Dichloroethene	4.22	96	3372	0.229	ug/L		92
34) Trichloroethene	6.18	95	8702	0.580	ug/L	#	64
35) Methylcyclohexane	6.33	83	32243	1.492	ug/L	#	20
37) 1,2-Dichloropropane	6.32	63	13993	1.035	ug/L	#	86
44) trans-1,3-Dichloropropene	7.85	75	1781	0.122	ug/L	#	80
47) Tetrachloroethene	8.22	164	20823	1.857	ug/L		93
48) 2-Hexanone	8.37	43	8404	1.728	ug/L	#	73
49) Dibromochloromethane	8.22	129	19122	1.661	ug/L	#	10
59) 1,2,3-Trichloropropane	11.48	75	14373	1.673	ug/L		95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051719\

Quantitation Report (Not Reviewed)

Data File : VU032128.D
Acq On : 18 May 2019 03:21
Operator : JC/SP
Sample : K2860-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W30

Quant Time: May 18 05:49:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 05:45:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051719\

Quantitation Report (Not Reviewed)

Data File : VU032128.D
Acq On : 18 May 2019 03:21
Operator : JC/SP
Sample : K2860-03
Misc : 25.0mL/MSVOA_U/WATER
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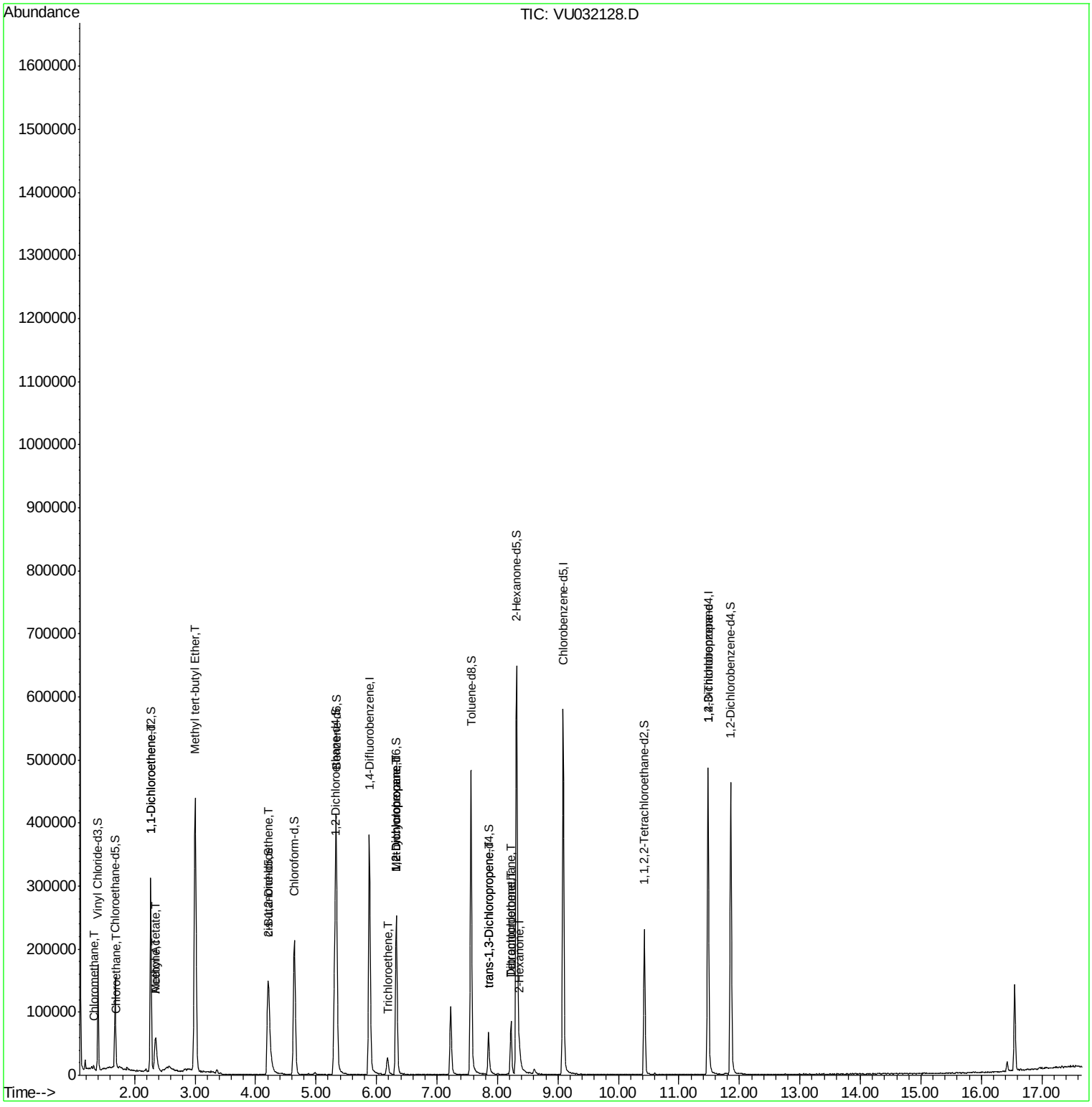
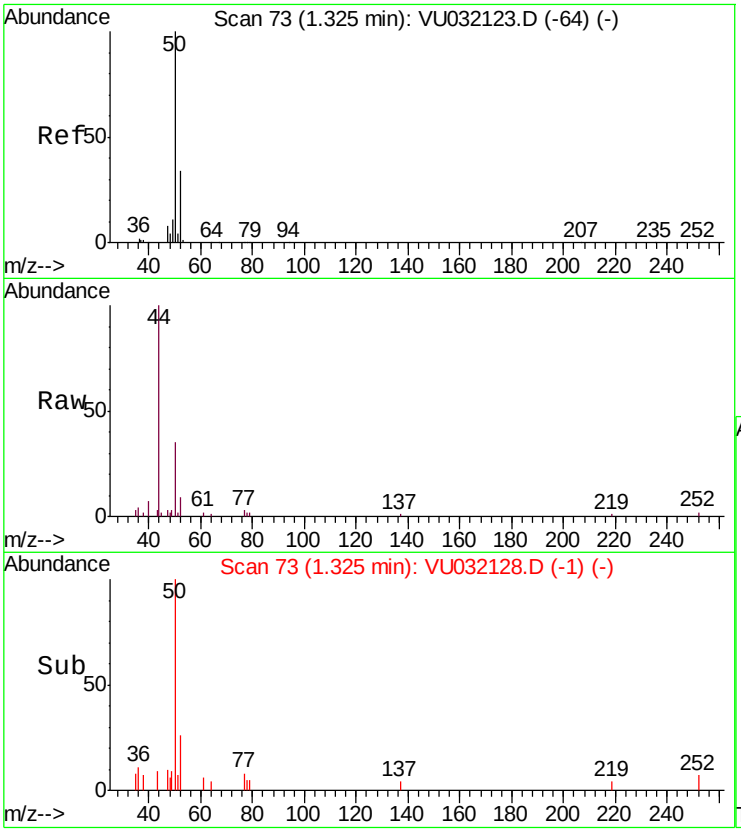
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 05:45:56 2019
Response via : Initial Calibration



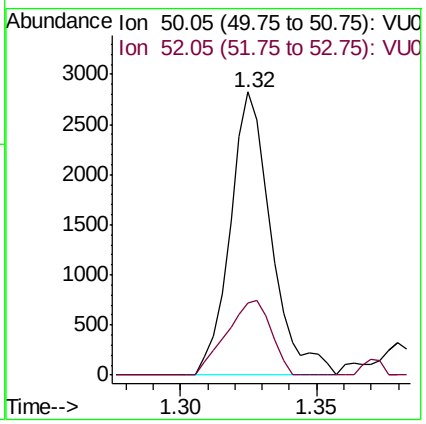


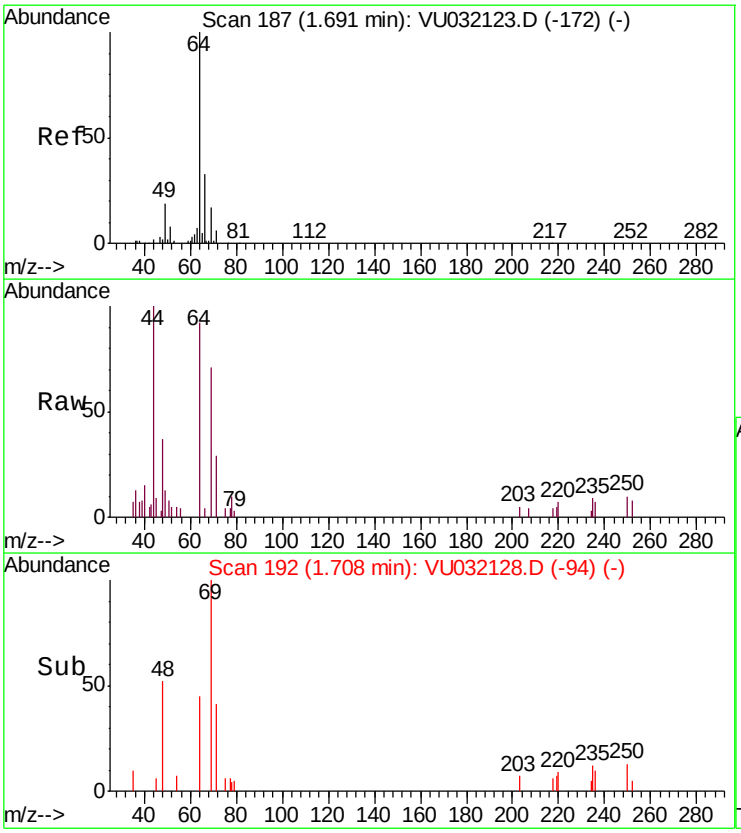
#3
Chloromethane
Concen: 0.176 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU032128.D
Acq: 18 May 2019 03:21

Instrument : MSVOA_U
ClientSampleId : F9W30

Tgt Ion: 50 Resp: 2949

Ion	Ratio	Lower	Upper
50	100		
52	25.7	23.2	43.0

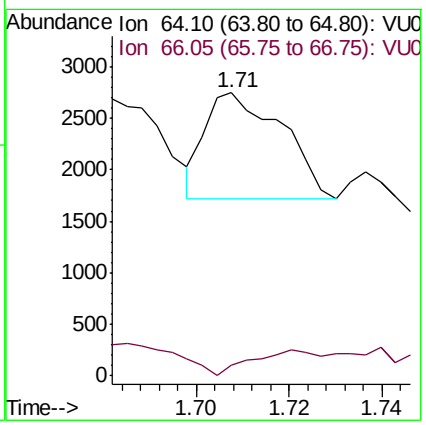


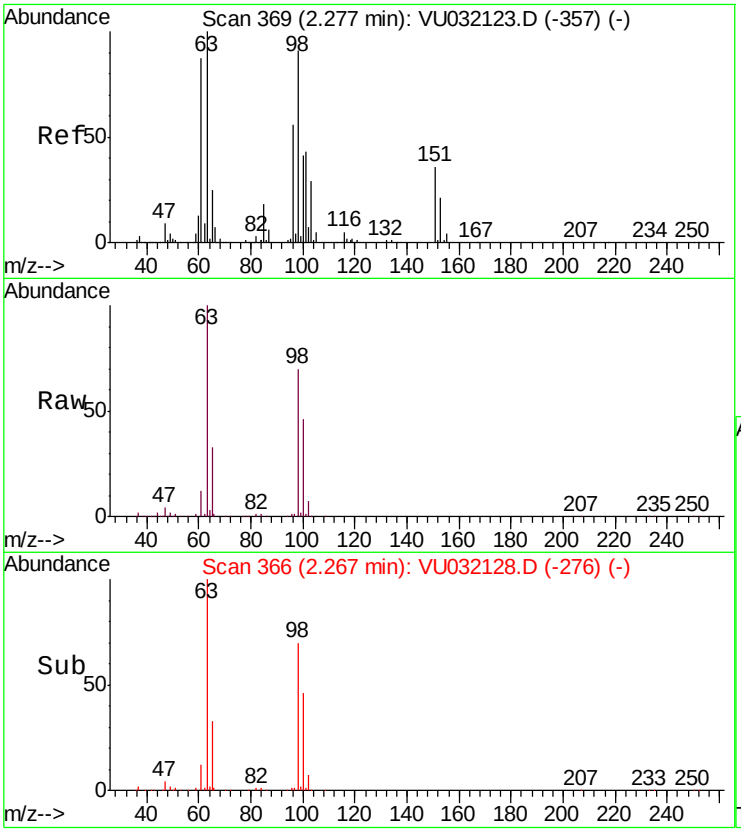


#8
Chloroethane
Concen: 0.110 ug/L
RT: 1.71 min Scan# 192
Delta R.T. 0.02 min
Lab File: VU032128.D
Acq: 18 May 2019 03:21

Tgt Ion: 64 Resp: 1198

Ion	Ratio	Lower	Upper
64	100		
66	3.9	22.0	41.0#



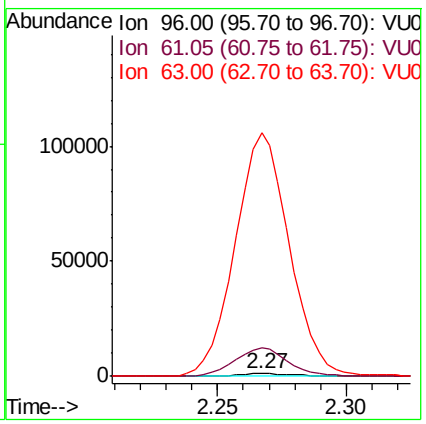


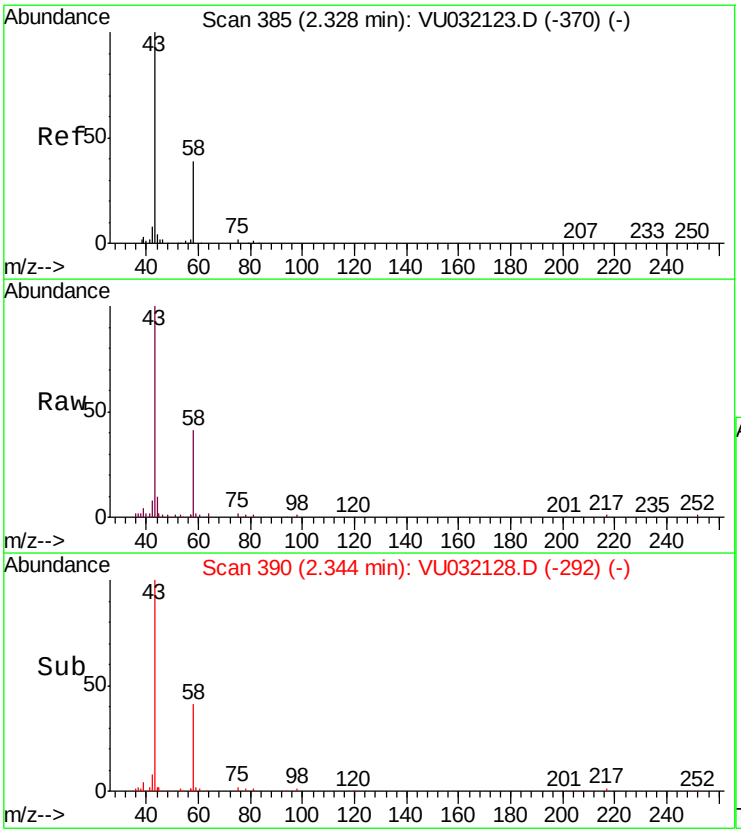
#12
1,1-Dichloroethene
Concen: 0.128 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032128.D
Acq: 18 May 2019 03:21

Instrument : MSVOA_U
ClientSampleId : F9W30

Tgt Ion: 96 Resp: 1795

Ion	Ratio	Lower	Upper
96	100		
61	1024.6	111.7	207.5#
63	8822.7	152.2	282.6#

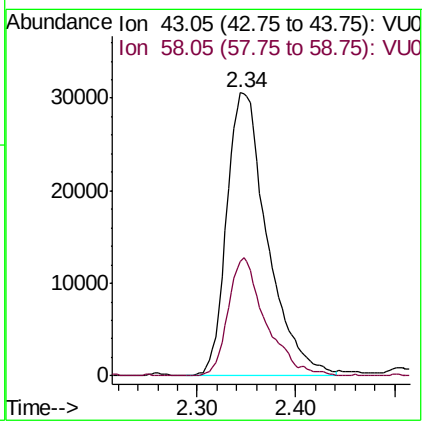


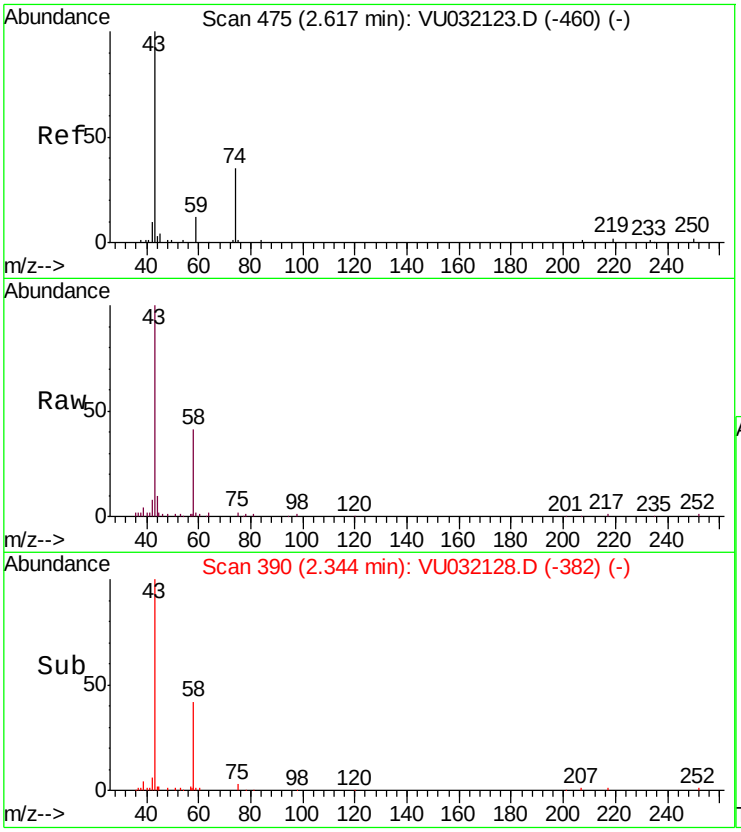


#13
Acetone
Concen: 46.449 ug/L
RT: 2.34 min Scan# 390
Delta R.T. 0.02 min
Lab File: VU032128.D
Acq: 18 May 2019 03:21

Tgt Ion: 43 Resp: 87988

Ion	Ratio	Lower	Upper
43	100		
58	38.5	0.0	78.8



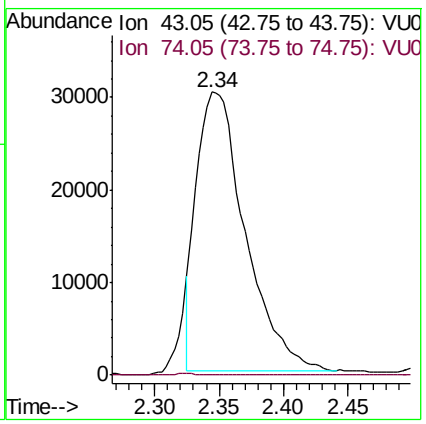


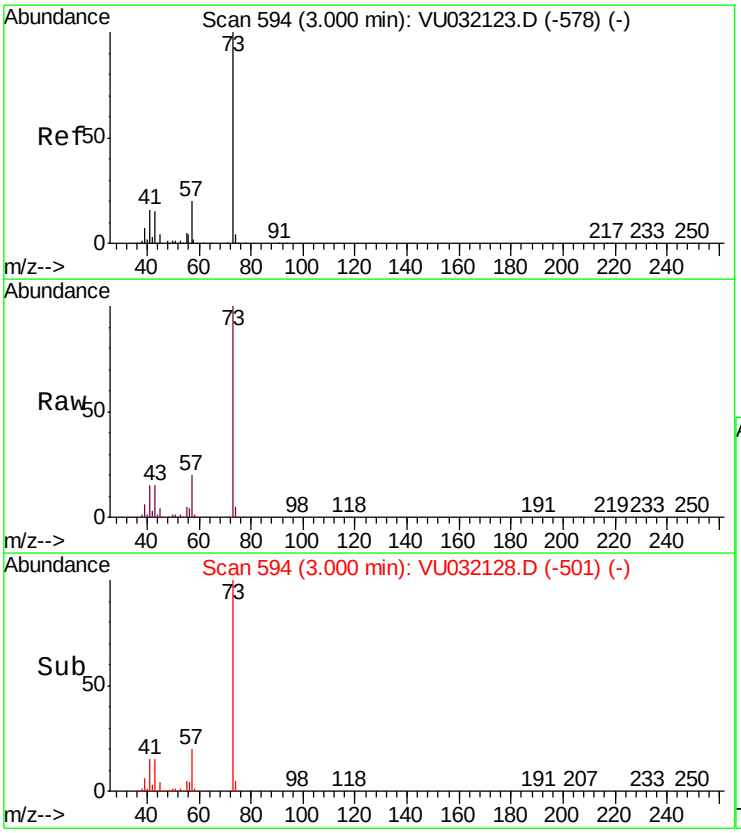
#15
Methyl Acetate
Concen: 14.590 ug/L
RT: 2.34 min Scan# 390
Delta R.T. -0.27 min
Lab File: VU032128.D
Acq: 18 May 2019 03:21

Instrument : MSVOA_U
ClientSampleId : F9W30

Tgt Ion: 43 Resp: 79245

Ion	Ratio	Lower	Upper
43	100		
74	0.0	26.4	39.6#

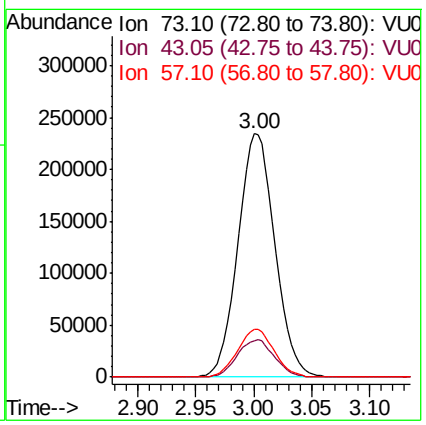


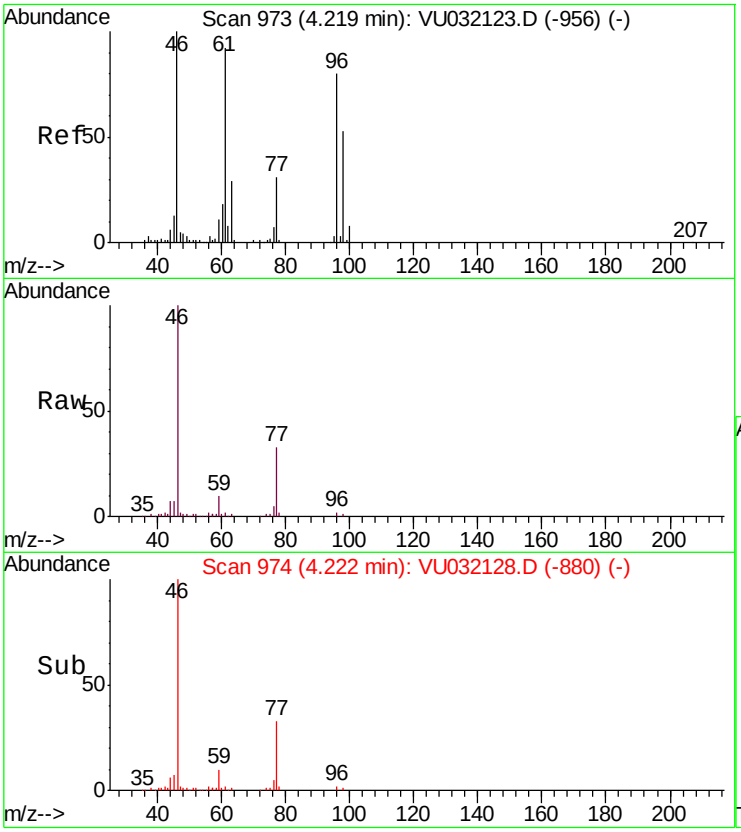


#17
Methyl tert-butyl Ether
Concen: 15.763 ug/L
RT: 3.00 min Scan# 594
Delta R.T. 0.00 min
Lab File: VU032128.D
Acq: 18 May 2019 03:21

Tgt Ion: 73 Resp: 519270

Ion	Ratio	Lower	Upper
73	100		
43	15.6	13.0	19.6
57	19.6	17.9	26.9



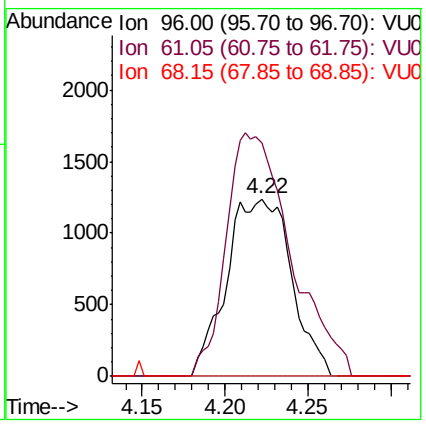


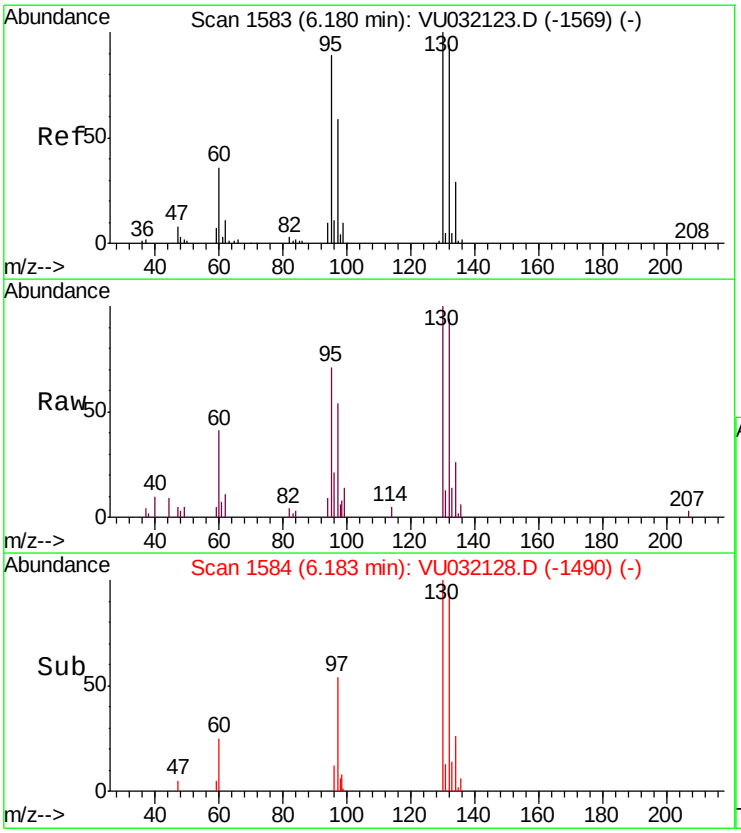
#22
cis-1,2-Dichloroethene
Concen: 0.229 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU032128.D
Acq: 18 May 2019 03:21

Instrument :
MSVOA_U
ClientSampleId :
F9W30

Tgt Ion: 96 Resp: 3372

Ion	Ratio	Lower	Upper
96	100		
61	131.8	85.8	159.4
68	0.0	0.0	0.0

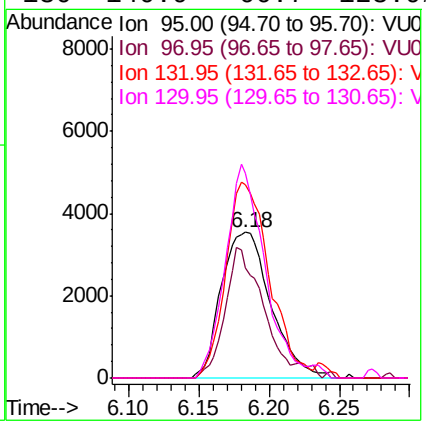


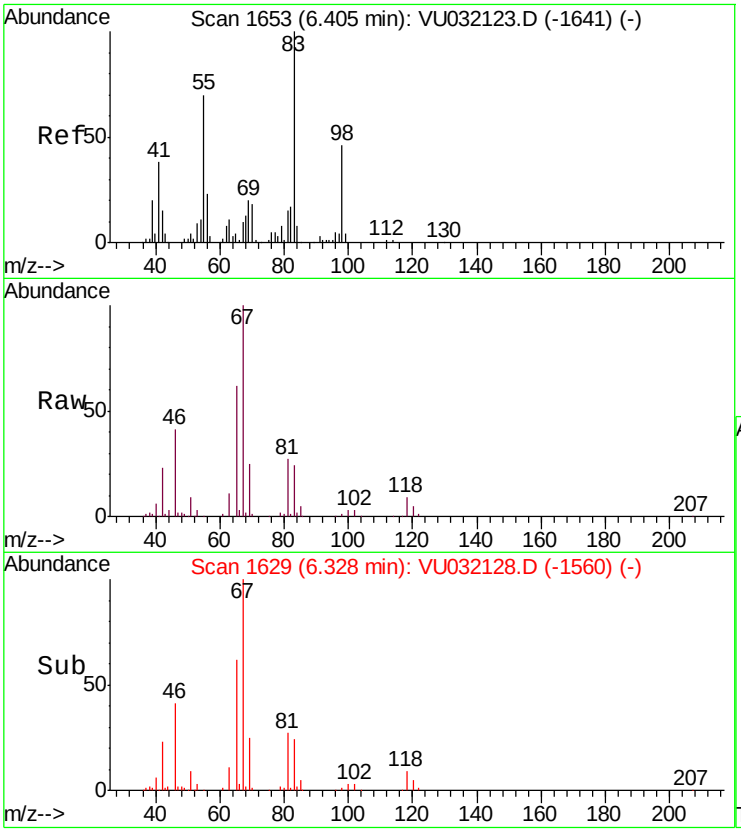


#34
Trichloroethene
Concen: 0.580 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032128.D
Acq: 18 May 2019 03:21

Tgt Ion: 95 Resp: 8702

Ion	Ratio	Lower	Upper
95	100		
97	75.8	45.2	84.0
132	132.7	66.1	122.7#
130	140.9	66.7	123.9#



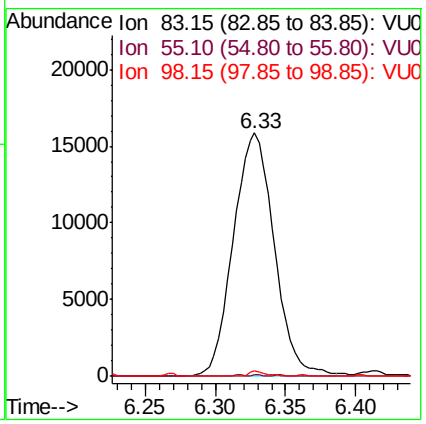


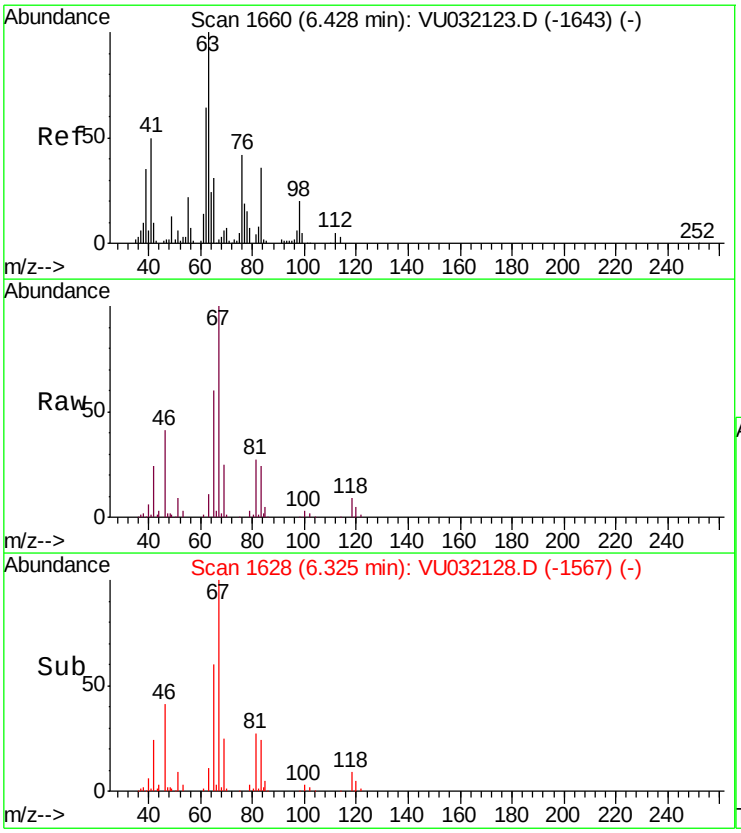
#35
Methylcyclohexane
Concen: 1.492 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032128.D
Acq: 18 May 2019 03:21

Instrument : MSVOA_U
ClientSampleId : F9W30

Tgt Ion: 83 Resp: 32243

Ion	Ratio	Lower	Upper
83	100		
55	0.2	59.7	89.5#
98	0.9	36.8	55.2#

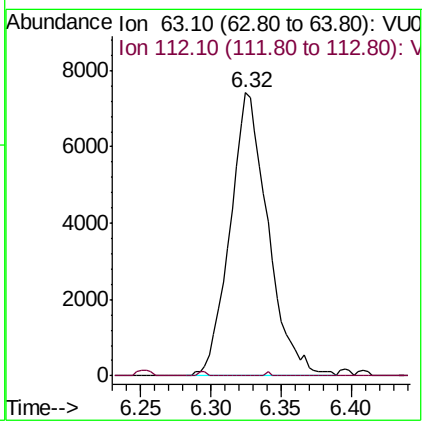


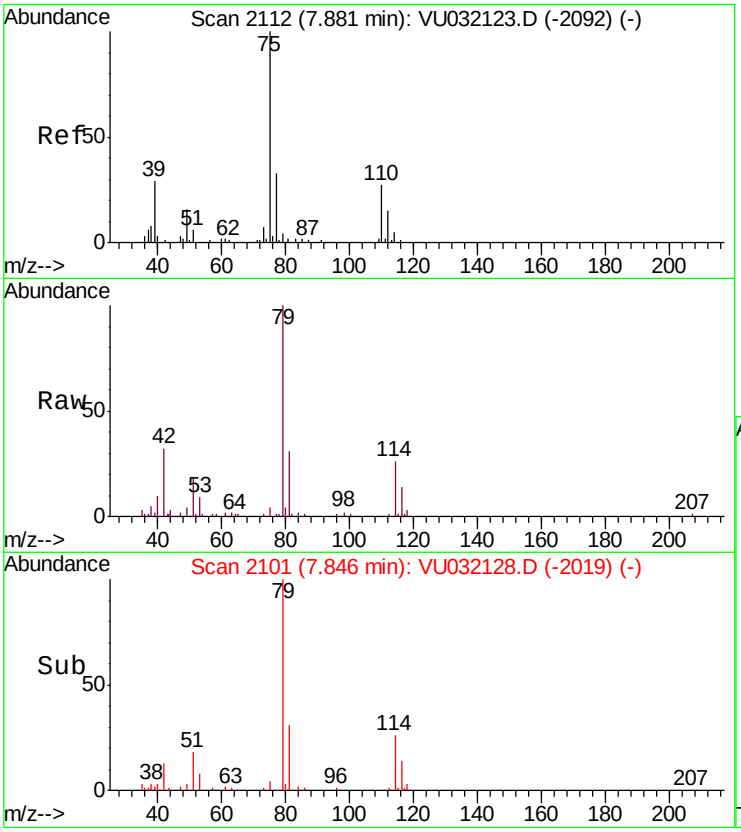


#37
1,2-Dichloropropane
Concen: 1.035 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032128.D
Acq: 18 May 2019 03:21

Tgt Ion: 63 Resp: 13993

Ion	Ratio	Lower	Upper
63	100		
112	0.1	3.8	5.6#



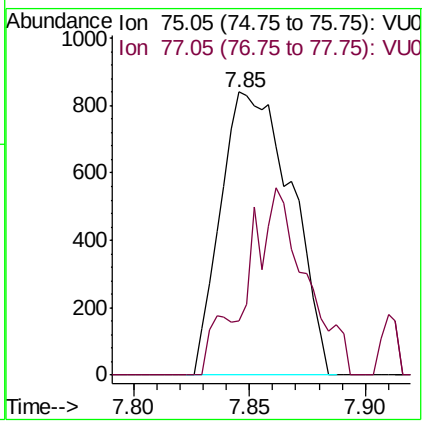


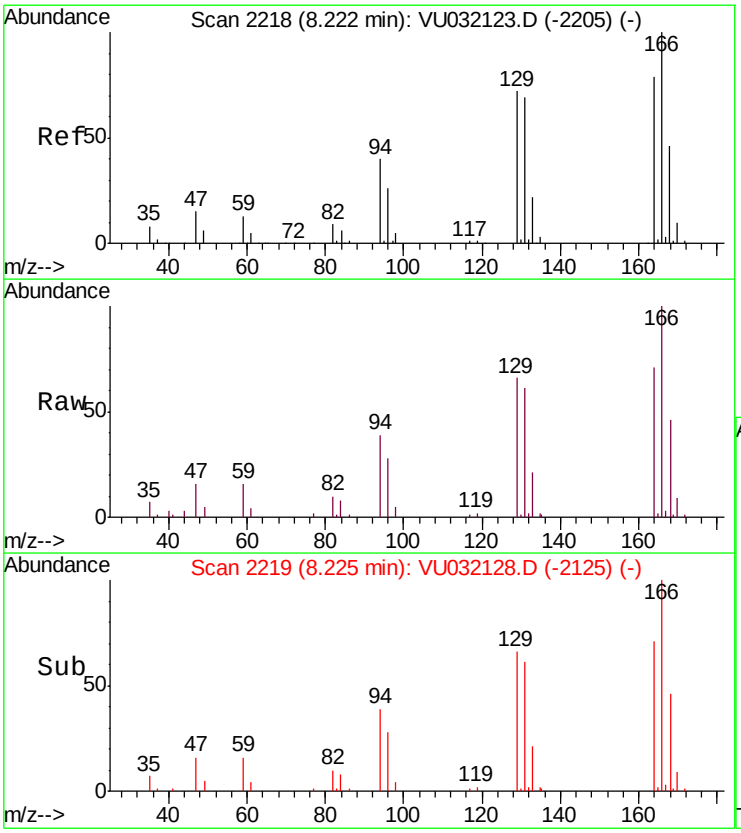
#44
trans-1,3-Dichloropropene
Concen: 0.122 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.04 min
Lab File: VU032128.D
Acq: 18 May 2019 03:21

Instrument : MSVOA_U
ClientSampleId : F9W30

Tgt Ion: 75 Resp: 1781

Ion	Ratio	Lower	Upper
75	100		
77	19.2	21.0	39.0#

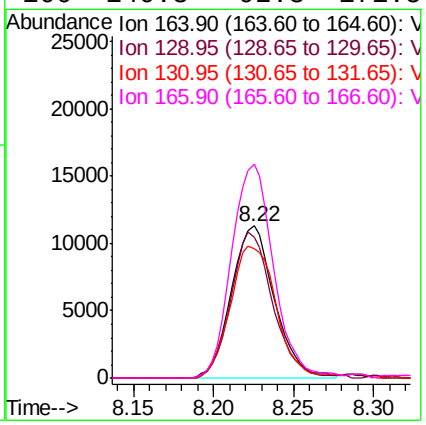


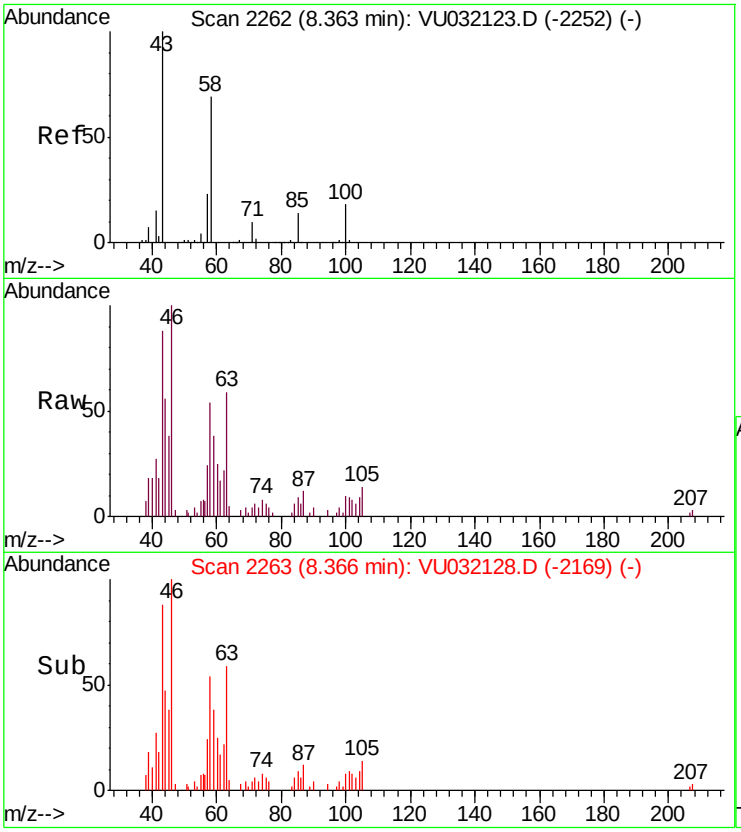


#47
Tetrachloroethene
Concen: 1.857 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032128.D
Acq: 18 May 2019 03:21

Tgt Ion:164 Resp: 20823

Ion	Ratio	Lower	Upper
164	100		
129	92.9	70.3	130.5
131	85.2	64.5	119.9
166	140.3	92.3	171.5



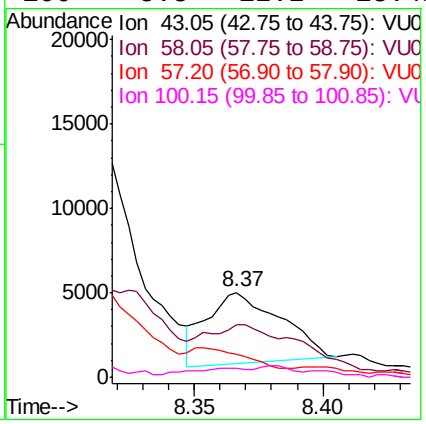


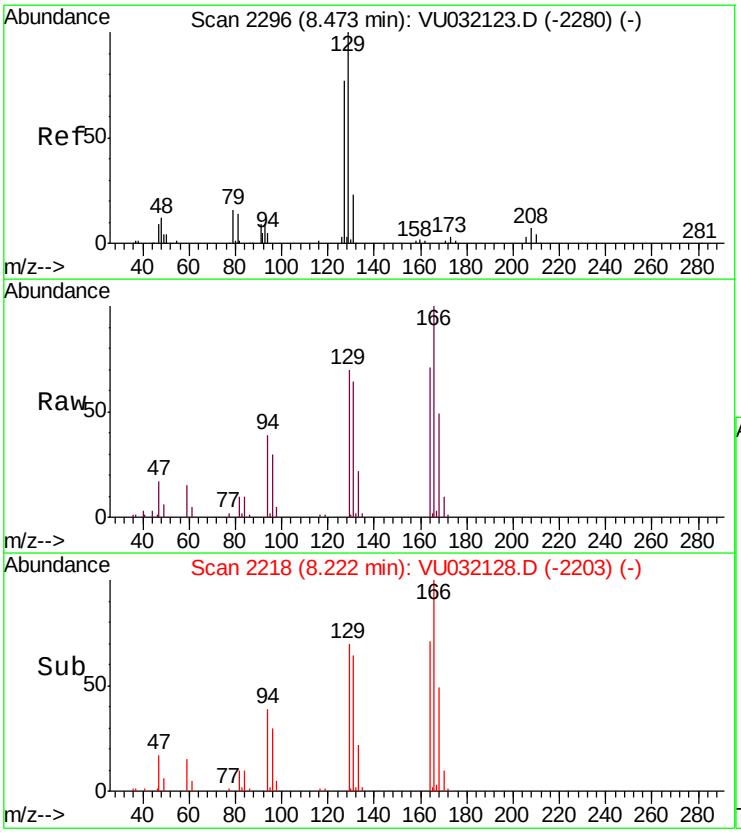
#48
2-Hexanone
Concen: 1.728 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU032128.D
Acq: 18 May 2019 03:21

Instrument : MSVOA_U
ClientSampleId : F9W30

Tgt Ion: 43 Resp: 8404

Ion	Ratio	Lower	Upper
43	100		
58	87.8	51.6	77.4#
57	34.5	18.4	27.6#
100	5.8	12.2	18.4#

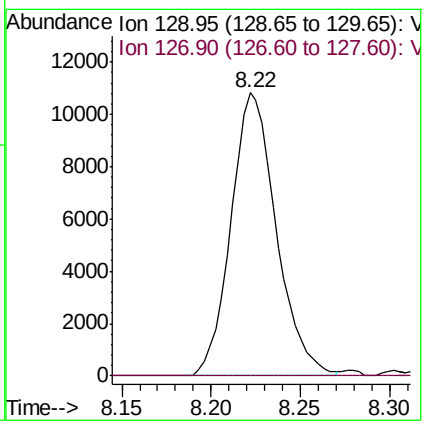


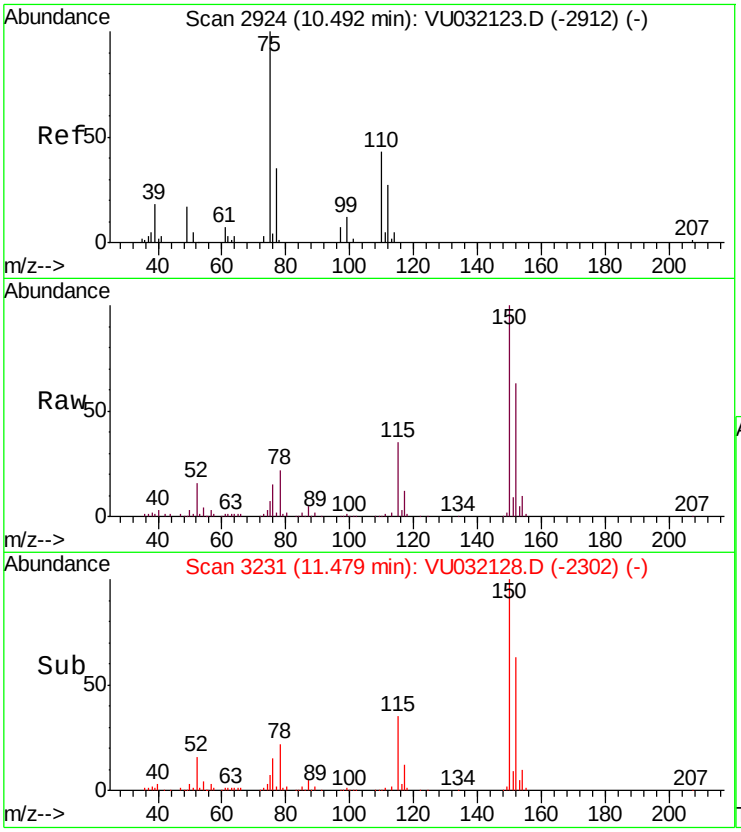


#49
Dibromochloromethane
Concen: 1.661 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032128.D
Acq: 18 May 2019 03:21

Tgt Ion:129 Resp: 19122

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#





#59
1,2,3-Trichloropropane
Concen: 1.673 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032128.D
Acq: 18 May 2019 03:21

Instrument :
MSVOA_U
ClientSampleId :
F9W30

Tgt Ion: 75 Resp: 14373

Ion	Ratio	Lower	Upper
75	100		
77	35.3	26.2	39.2