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

Quantitation Report (Not Reviewed)

Data File : VU032110.D
Acq On : 17 May 2019 19:02
Operator : JC/SP
Sample : K2850-01DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W00DL

Quant Time: May 18 04:13:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	379749	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	387065	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150261	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	121049	3.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.60%			
7) Chloroethane-d5	1.66	69	71654	2.62	ug/L	-0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 52.40%#			
11) 1,1-Dichloroethene-d2	2.26	63	175610	3.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.80%			
20) 2-Butanone-d5	4.20	46	277116	44.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.26%			
24) Chloroform-d	4.64	84	238865	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.00%			
26) 1,2-Dichloroethane-d4	5.31	65	121577	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.80%			
32) Benzene-d6	5.33	84	485422	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.20%			
36) 1,2-Dichloropropane-d6	6.32	67	140692	4.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.60%			
41) Toluene-d8	7.56	98	394526	3.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.80%			
43) trans-1,3-Dichloropropene-	7.85	79	49367	3.97	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.40%			
46) 2-Hexanone-d5	8.31	63	247609	44.13	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.26%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	126705	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	147352	4.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.60%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	3367	0.185	ug/L	92
6) Bromomethane	1.62	94	2056	0.186	ug/L	88
8) Chloroethane	1.70	64	1331	0.112	ug/L #	43
13) Acetone	2.33	43	4399	2.134	ug/L	92
15) Methyl Acetate	2.61	43	1558	0.264	ug/L	95
16) Methylene chloride	2.69	84	3139	0.172	ug/L	90
17) Methyl tert-butyl Ether	3.00	73	439976	12.272	ug/L	97
34) Trichloroethene	6.18	95	5098	0.316	ug/L #	74
35) Methylcyclohexane	6.32	83	35238	1.518	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	15154	1.043	ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	3167	0.158	ug/L	83
44) trans-1,3-Dichloropropene	7.85	75	2128	0.136	ug/L	90
47) Tetrachloroethene	8.22	164	5310	0.441	ug/L	87
48) 2-Hexanone	8.37	43	9513	1.821	ug/L #	48
49) Dibromochloromethane	8.22	129	5107	0.413	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	15532	1.683	ug/L	92

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

Quantitation Report (Not Reviewed)

Data File : VU032110.D
Acq On : 17 May 2019 19:02
Operator : JC/SP
Sample : K2850-01DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W00DL

Quant Time: May 18 04:13:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration

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

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

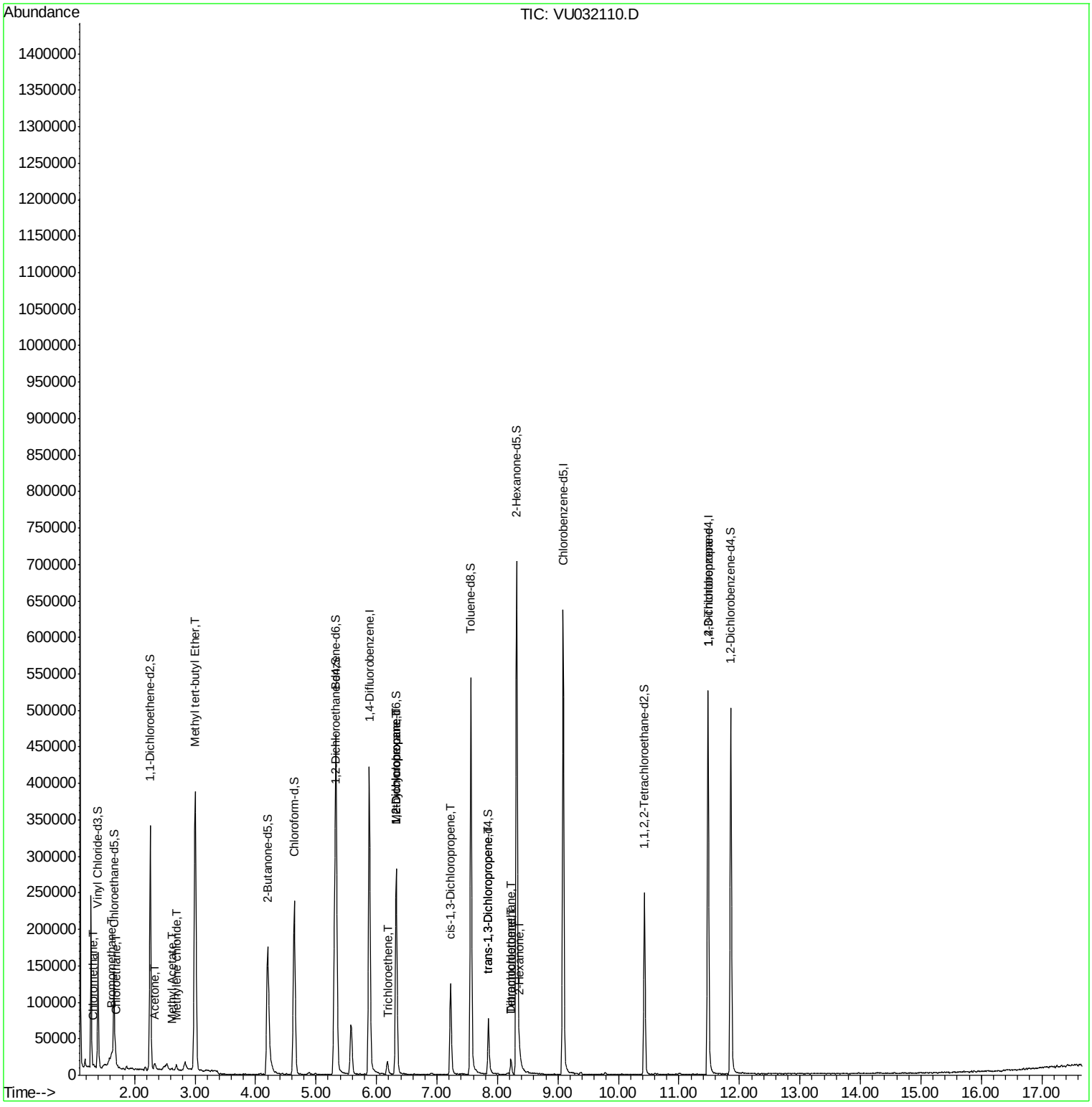
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051719\

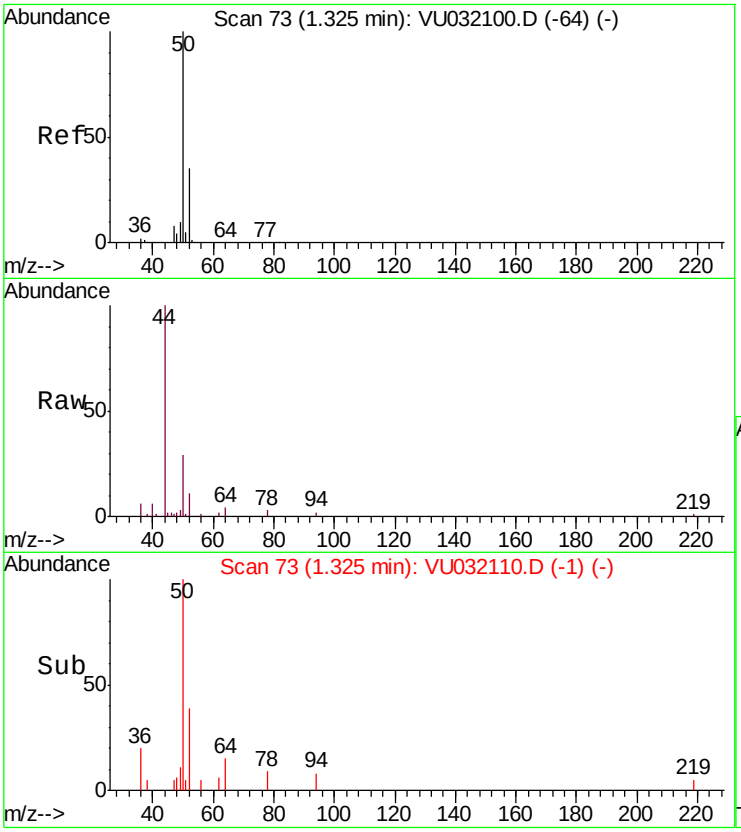
Quantitation Report (Not Reviewed)

Data File : VU032110.D
Acq On : 17 May 2019 19:02
Operator : JC/SP
Sample : K2850-01DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W00DL

Quant Time: May 18 04:13:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration



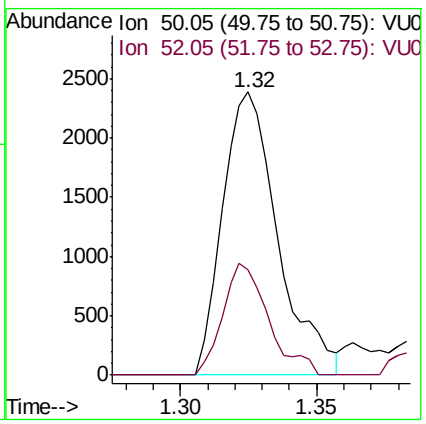


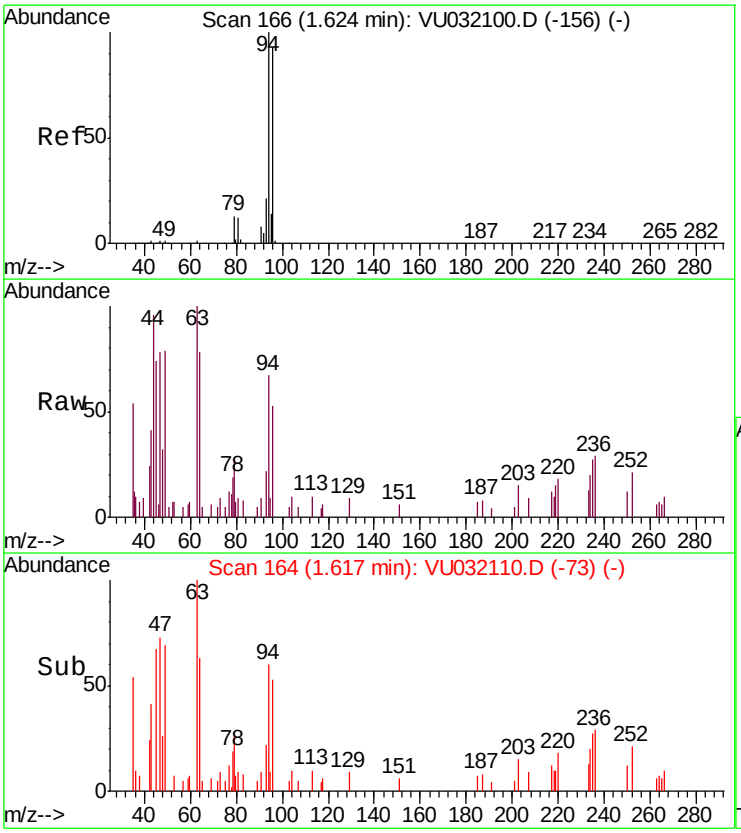
#3
Chloromethane
Concen: 0.185 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU032110.D
Acq: 17 May 2019 19:02

Instrument :
MSVOA_U
ClientSampleId :
F9W00DL

Tgt Ion: 50 Resp: 3367

Ion	Ratio	Lower	Upper
50	100		
52	37.4	23.2	43.0

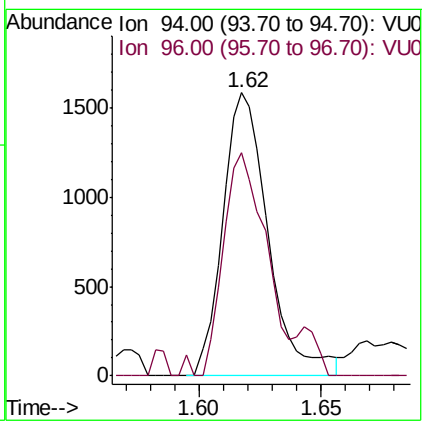


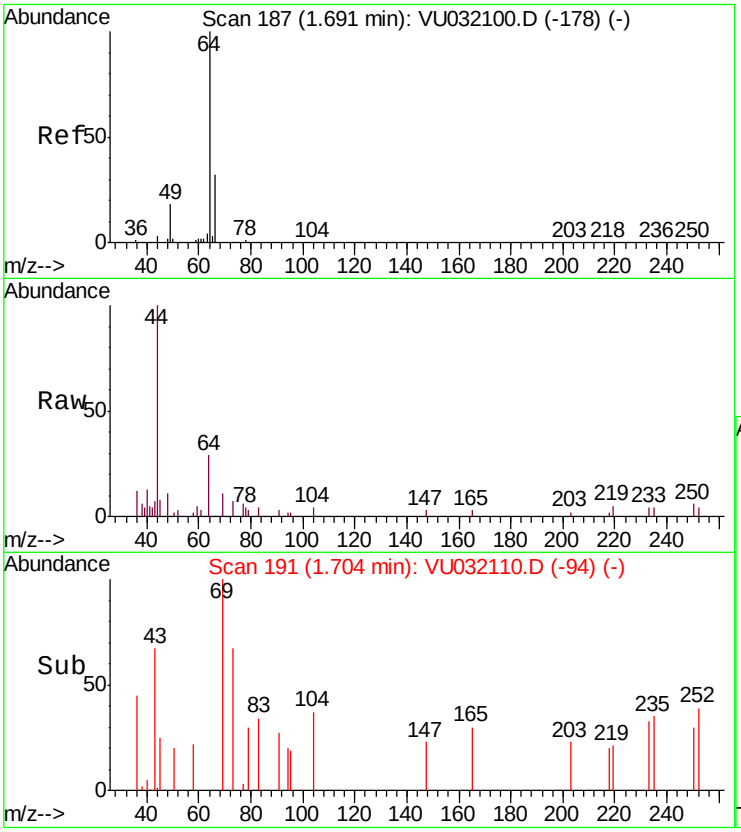


#6
Bromomethane
Concen: 0.186 ug/L
RT: 1.62 min Scan# 164
Delta R.T. -0.01 min
Lab File: VU032110.D
Acq: 17 May 2019 19:02

Tgt Ion: 94 Resp: 2056

Ion	Ratio	Lower	Upper
94	100		
96	78.7	63.3	117.7



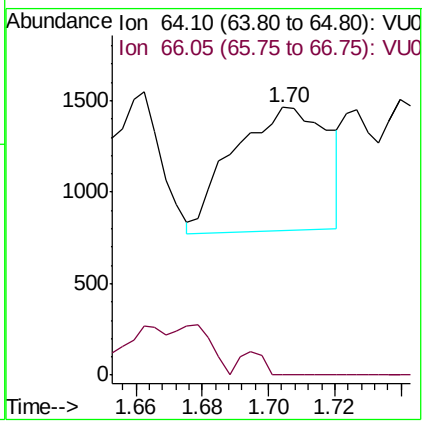


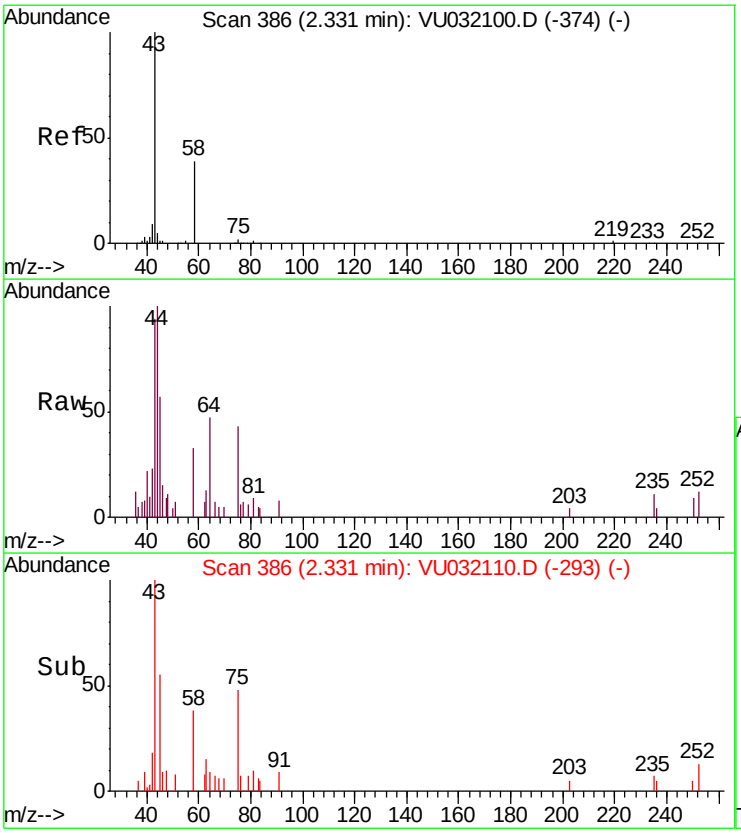
#8
Chloroethane
Concen: 0.112 ug/L
RT: 1.70 min Scan# 191
Delta R.T. 0.01 min
Lab File: VU032110.D
Acq: 17 May 2019 19:02

Instrument : MSVOA_U
ClientSampleId : F9W00DL

Tgt Ion: 64 Resp: 1331

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.0	41.0#

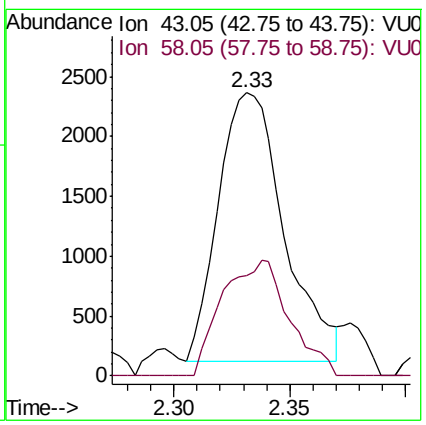


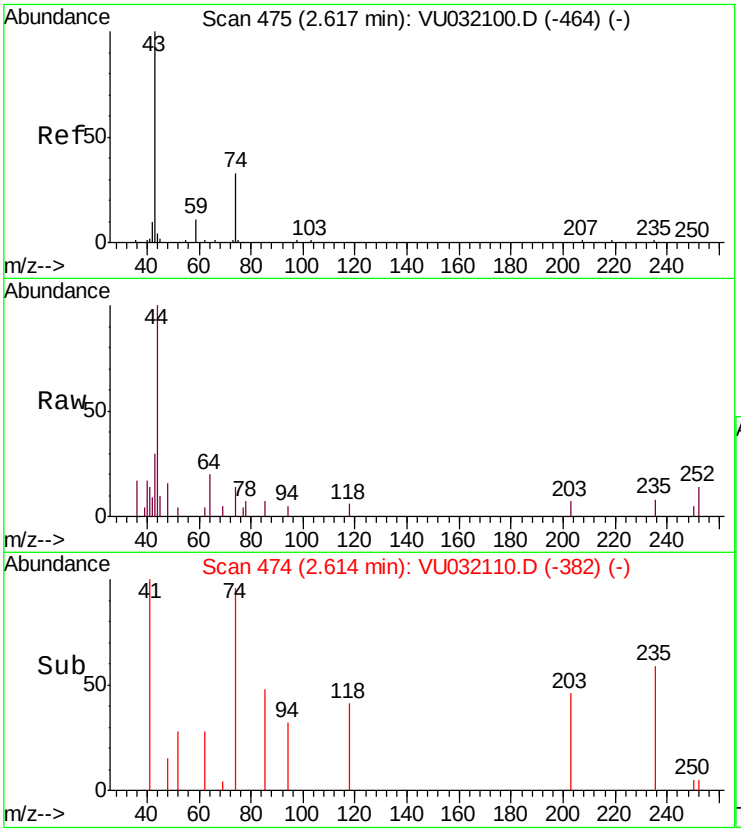


#13
Acetone
Concen: 2.134 ug/L
RT: 2.33 min Scan# 386
Delta R.T. 0.00 min
Lab File: VU032110.D
Acq: 17 May 2019 19:02

Tgt Ion: 43 Resp: 4399

Ion	Ratio	Lower	Upper
43	100		
58	44.2	0.0	78.8



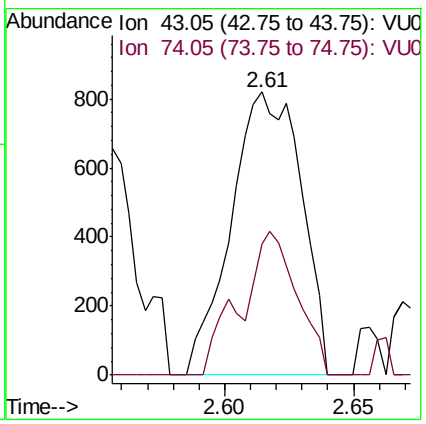


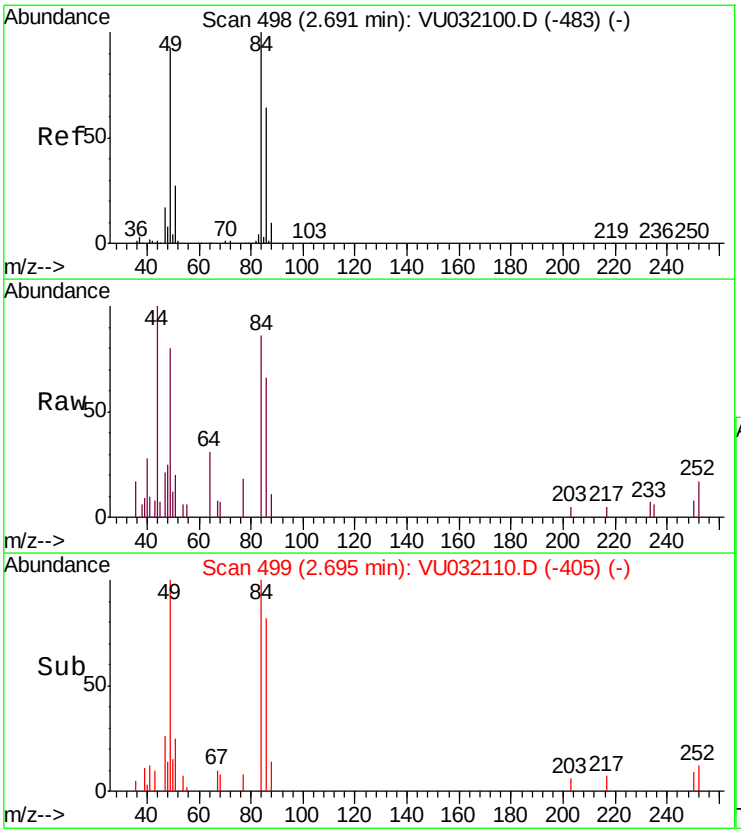
#15
Methyl Acetate
Concen: 0.264 ug/L
RT: 2.61 min Scan# 474
Delta R.T. -0.00 min
Lab File: VU032110.D
Acq: 17 May 2019 19:02

Instrument :
MSVOA_U
ClientSampleId :
F9W00DL

Tgt Ion: 43 Resp: 1558

Ion	Ratio	Lower	Upper
43	100		
74	30.4	26.4	39.6

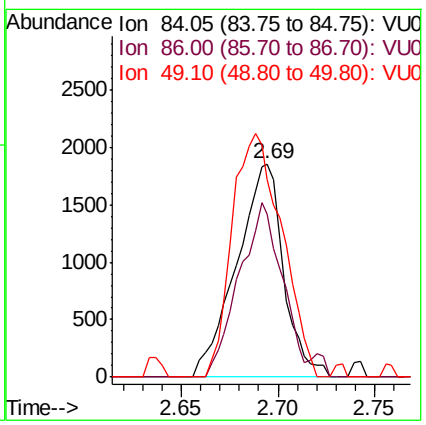


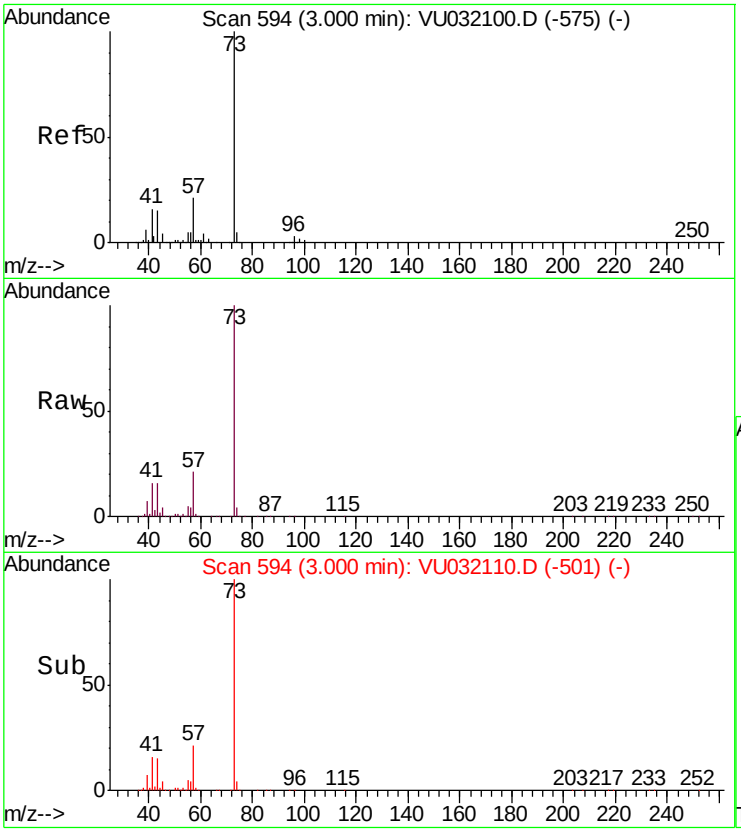


#16
Methylene chloride
Concen: 0.172 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032110.D
Acq: 17 May 2019 19:02

Tgt Ion: 84 Resp: 3139

Ion	Ratio	Lower	Upper
84	100		
86	76.2	43.1	80.1
49	92.7	67.7	125.7



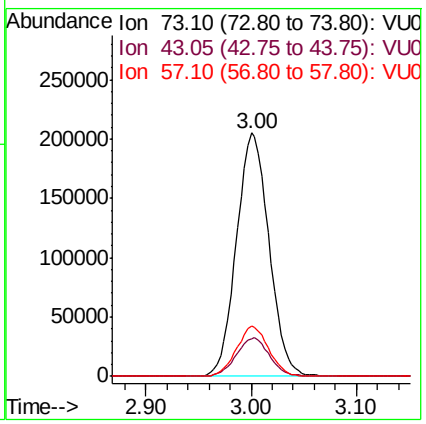


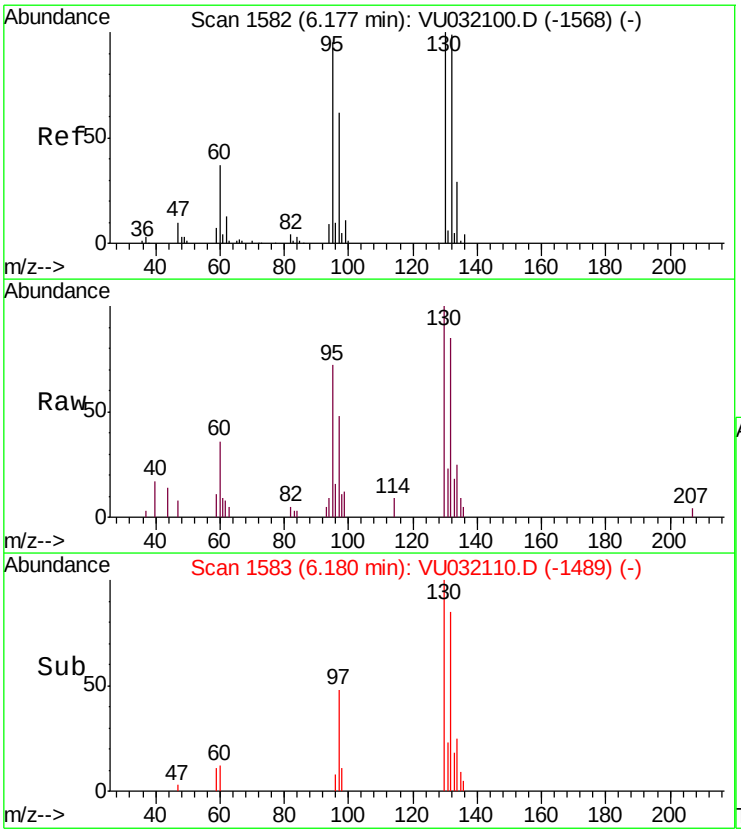
#17
Methyl tert-butyl Ether
Concen: 12.272 ug/L
RT: 3.00 min Scan# 594
Delta R.T. 0.00 min
Lab File: VU032110.D
Acq: 17 May 2019 19:02

Instrument :
MSVOA_U
ClientSampleId :
F9W00DL

Tgt Ion: 73 Resp: 439976

Ion	Ratio	Lower	Upper
73	100		
43	16.1	13.0	19.6
57	20.4	17.9	26.9

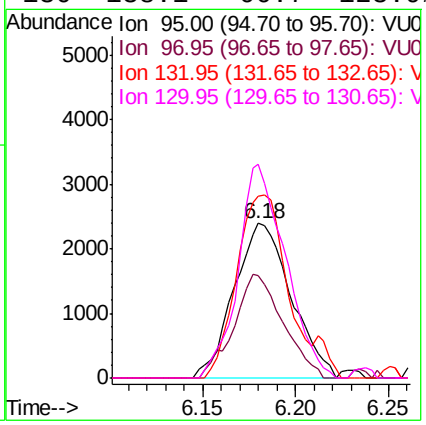


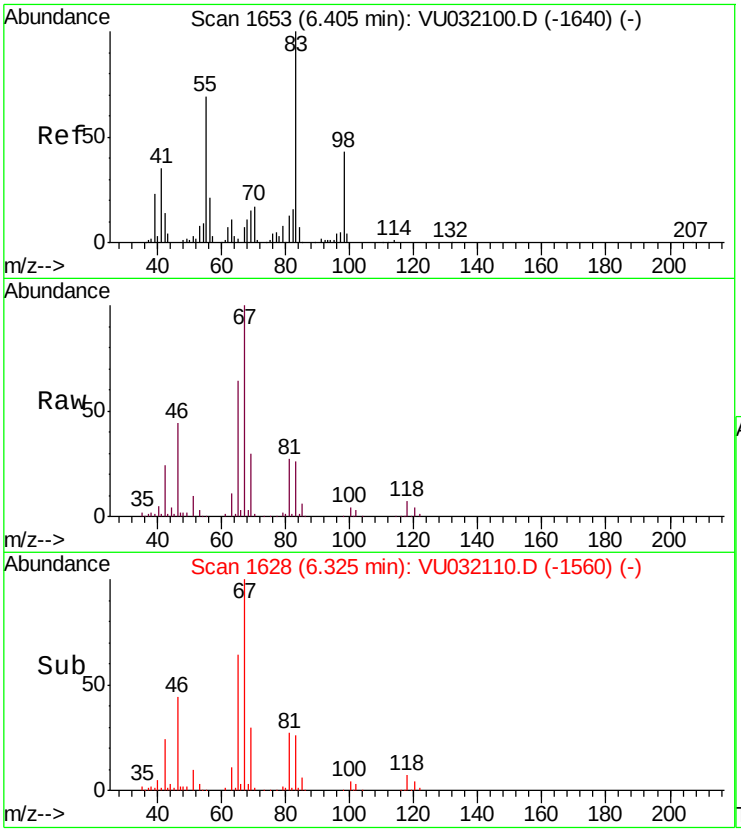


#34
Trichloroethene
Concen: 0.316 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032110.D
Acq: 17 May 2019 19:02

Tgt Ion: 95 Resp: 5098

Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.2	84.0
132	117.3	66.1	122.7
130	138.1	66.7	123.9#



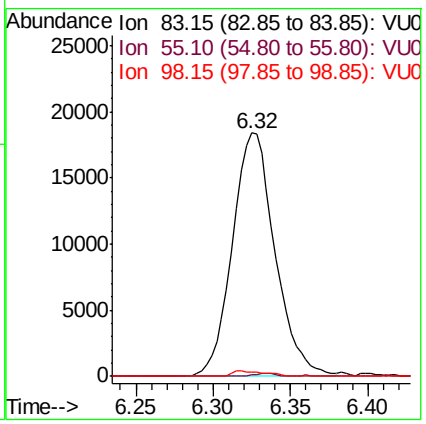


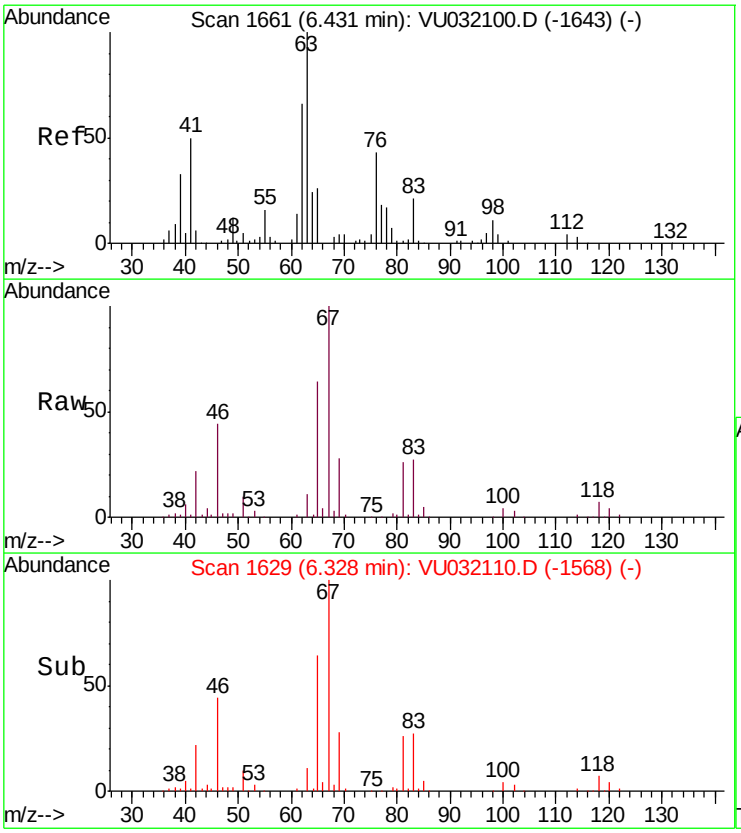
#35
Methylcyclohexane
Concen: 1.518 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032110.D
Acq: 17 May 2019 19:02

Instrument : MSVOA_U
ClientSampleId : F9W00DL

Tgt Ion: 83 Resp: 35238

Ion	Ratio	Lower	Upper
83	100		
55	0.6	59.7	89.5#
98	1.6	36.8	55.2#

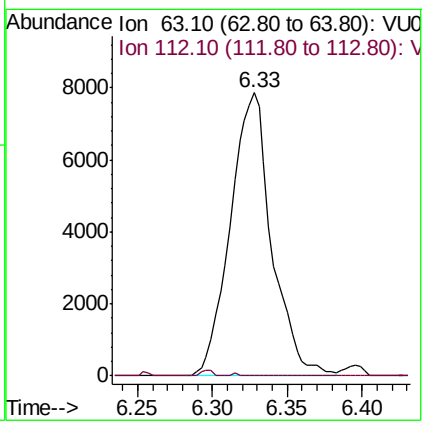


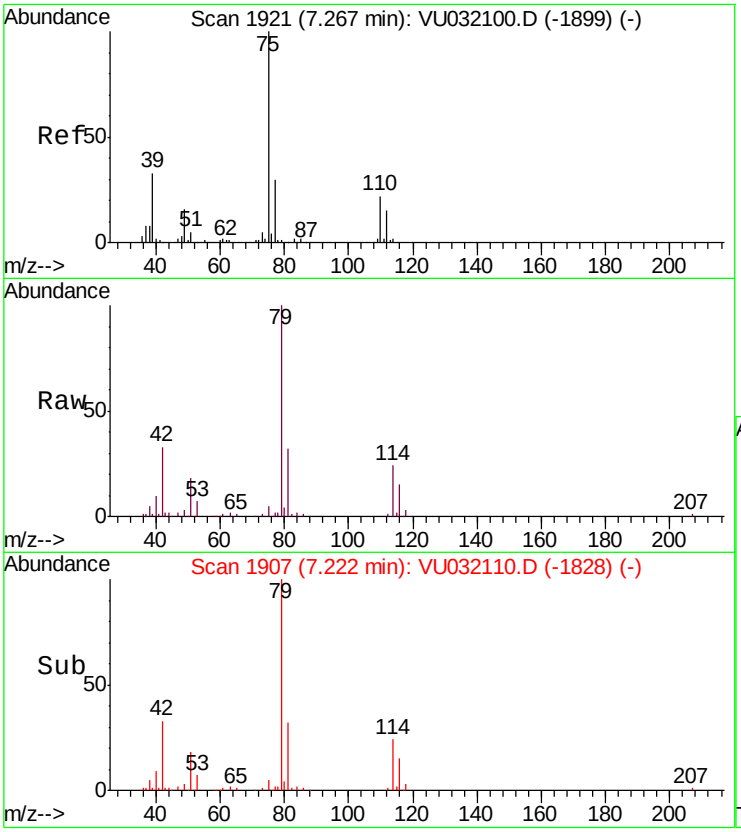


#37
1,2-Dichloropropane
Concen: 1.043 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032110.D
Acq: 17 May 2019 19:02

Tgt Ion: 63 Resp: 15154

Ion	Ratio	Lower	Upper
63	100		
112	0.1	3.8	5.6#



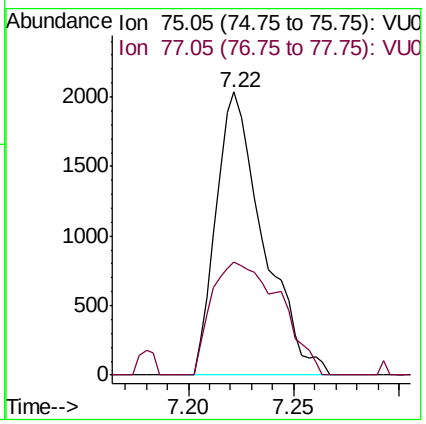


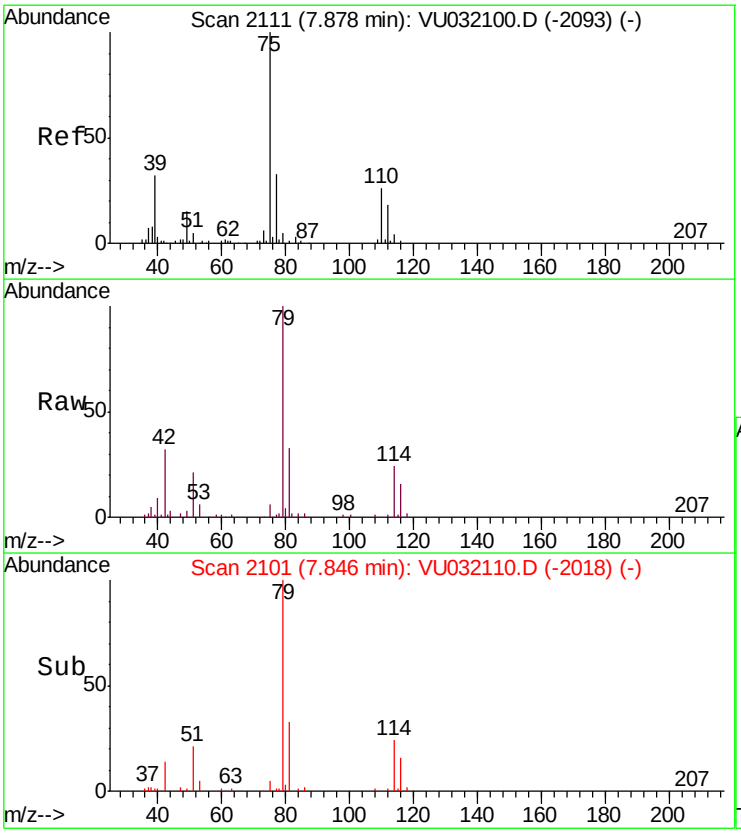
#39
cis-1,3-Dichloropropene
Concen: 0.158 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032110.D
Acq: 17 May 2019 19:02

Instrument :
MSVOA_U
ClientSampleId :
F9W00DL

Tgt Ion: 75 Resp: 3167

Ion	Ratio	Lower	Upper
75	100		
77	40.1	21.7	40.3

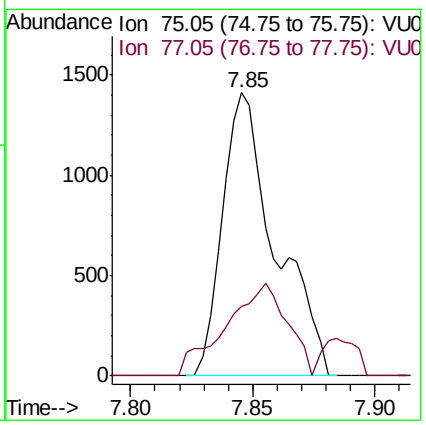


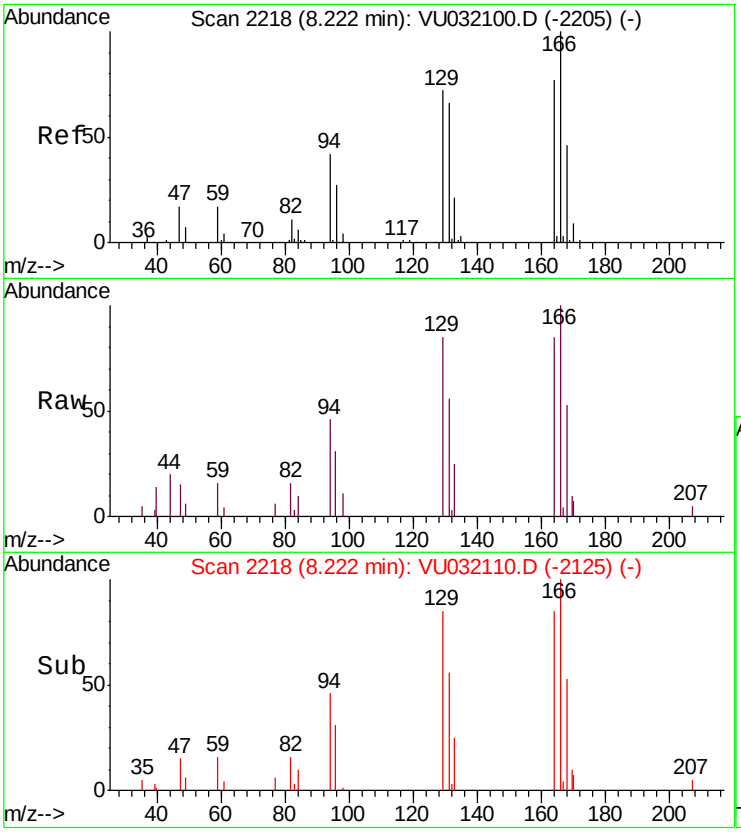


#44
trans-1,3-Dichloropropene
Concen: 0.136 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032110.D
Acq: 17 May 2019 19:02

Tgt Ion: 75 Resp: 2128

Ion	Ratio	Lower	Upper
75	100		
77	24.4	21.0	39.0



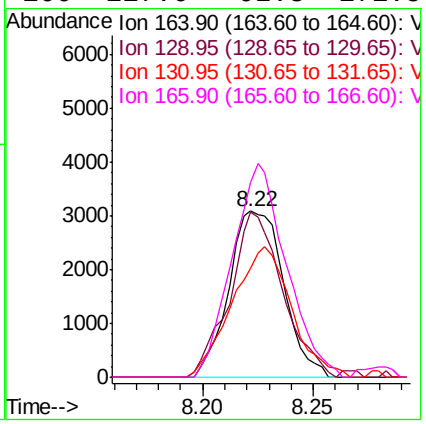


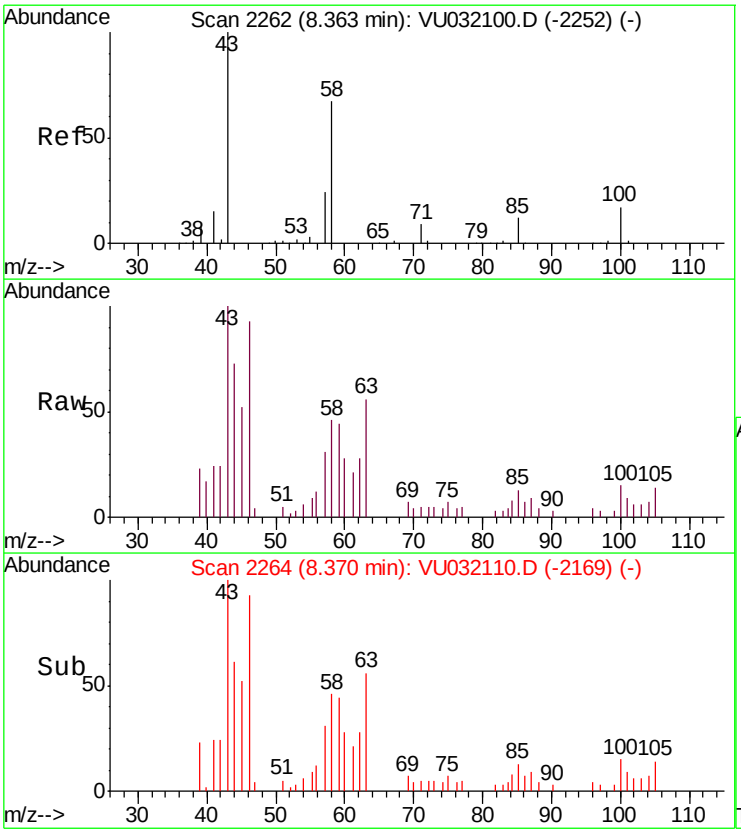
#47
Tetrachloroethene
Concen: 0.441 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032110.D
Acq: 17 May 2019 19:02

Instrument : MSVOA_U
ClientSampleId : F9W00DL

Tgt Ion:164 Resp: 5310

Ion	Ratio	Lower	Upper
164	100		
129	99.7	70.3	130.5
131	65.9	64.5	119.9
166	117.6	92.3	171.5

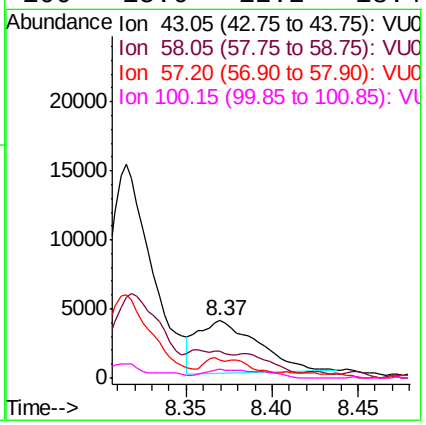


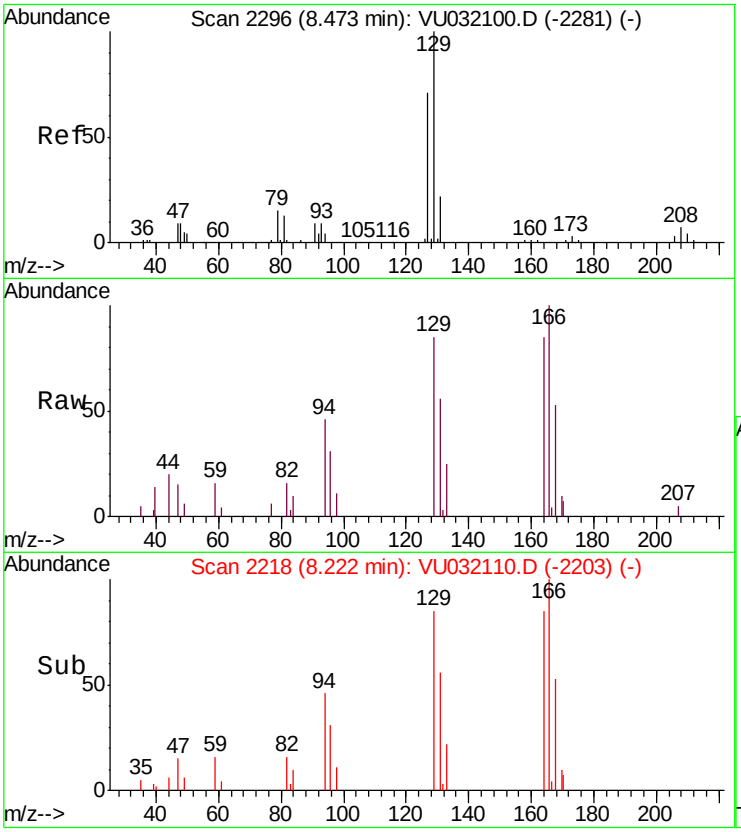


#48
2-Hexanone
Concen: 1.821 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032110.D
Acq: 17 May 2019 19:02

Tgt Ion: 43 Resp: 9513

Ion	Ratio	Lower	Upper
43	100		
58	8.6	51.6	77.4#
57	6.8	18.4	27.6#
100	15.6	12.2	18.4



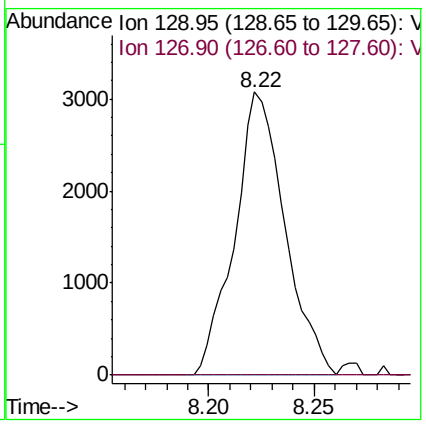


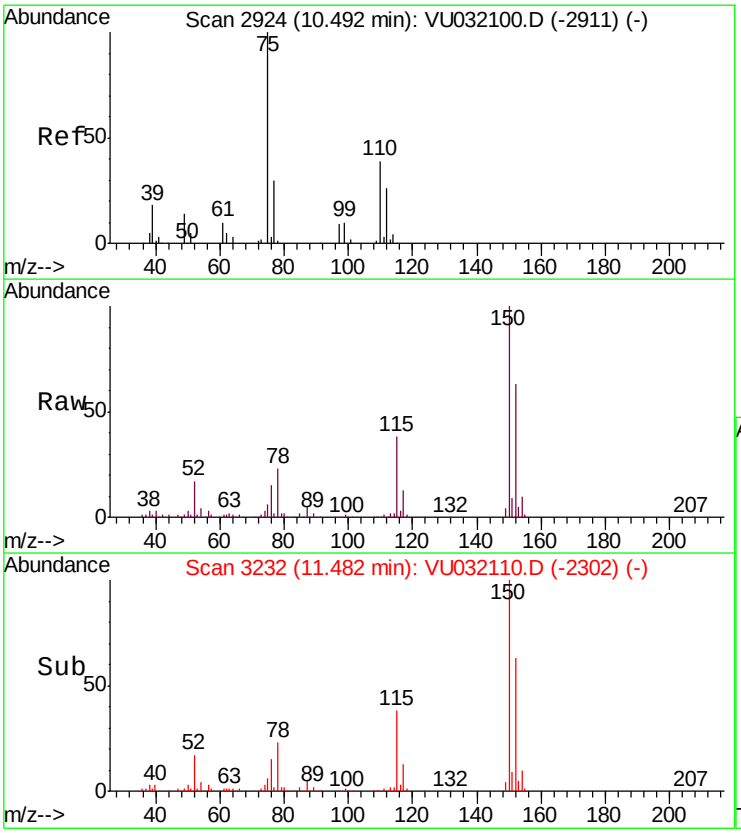
#49
Dibromochloromethane
Concen: 0.413 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032110.D
Acq: 17 May 2019 19:02

Instrument : MSVOA_U
ClientSampleId : F9W00DL

Tgt Ion:129 Resp: 5107

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#





#59
1,2,3-Trichloropropane
Concen: 1.683 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032110.D
Acq: 17 May 2019 19:02

Tgt Ion: 75 Resp: 15532

Ion	Ratio	Lower	Upper
75	100		
77	37.1	26.2	39.2