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

Quantitation Report (Not Reviewed)

Data File : VU032061.D
Acq On : 16 May 2019 20:14
Operator : JC/SP
Sample : K2850-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W03

Quant Time: May 17 07:22:51 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	430234	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	411278	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	155281	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	154094	4.25	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.00%			
7) Chloroethane-d5	1.68	69	130443	4.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.20%			
11) 1,1-Dichloroethene-d2	2.27	63	218041	3.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.60%			
20) 2-Butanone-d5	4.20	46	292926	41.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.34%			
24) Chloroform-d	4.64	84	264235	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.00%			
26) 1,2-Dichloroethane-d4	5.31	65	134314	4.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.80%			
32) Benzene-d6	5.33	84	539864	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.00%			
36) 1,2-Dichloropropane-d6	6.33	67	161764	4.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.20%			
41) Toluene-d8	7.56	98	456803	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.60%			
43) trans-1,3-Dichloropropene-	7.85	79	54435	4.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.40%			
46) 2-Hexanone-d5	8.31	63	254106	42.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.24%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	129235	4.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	159270	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
8) Chloroethane	1.73	64	1872	0.139	ug/L #	59
12) 1,1-Dichloroethene	2.26	96	2537	0.147	ug/L #	1
13) Acetone	2.33	43	15775	6.754	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	2696457	66.383	ug/L	97
18) trans-1,2-Dichloroethene	2.97	96	1913	0.103	ug/L	83
22) cis-1,2-Dichloroethene	4.22	96	7726	0.425	ug/L	95
34) Trichloroethene	6.18	95	28735	1.677	ug/L	96
35) Methylcyclohexane	6.33	83	38820	1.574	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	17229	1.116	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	3187	0.149	ug/L #	39
44) trans-1,3-Dichloropropene	7.85	75	2314	0.139	ug/L #	79
47) Tetrachloroethene	8.22	164	29934	2.338	ug/L	97
48) 2-Hexanone	8.37	43	10779	1.941	ug/L #	41
49) Dibromochloromethane	8.22	129	29230	2.224	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	18262	1.862	ug/L	96

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

Quantitation Report (Not Reviewed)

Data File : VU032061.D
Acq On : 16 May 2019 20:14
Operator : JC/SP
Sample : K2850-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W03

Quant Time: May 17 07:22:51 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)

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

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

Quantitation Report (Not Reviewed)

Data File : VU032061.D
Acq On : 16 May 2019 20:14
Operator : JC/SP
Sample : K2850-03
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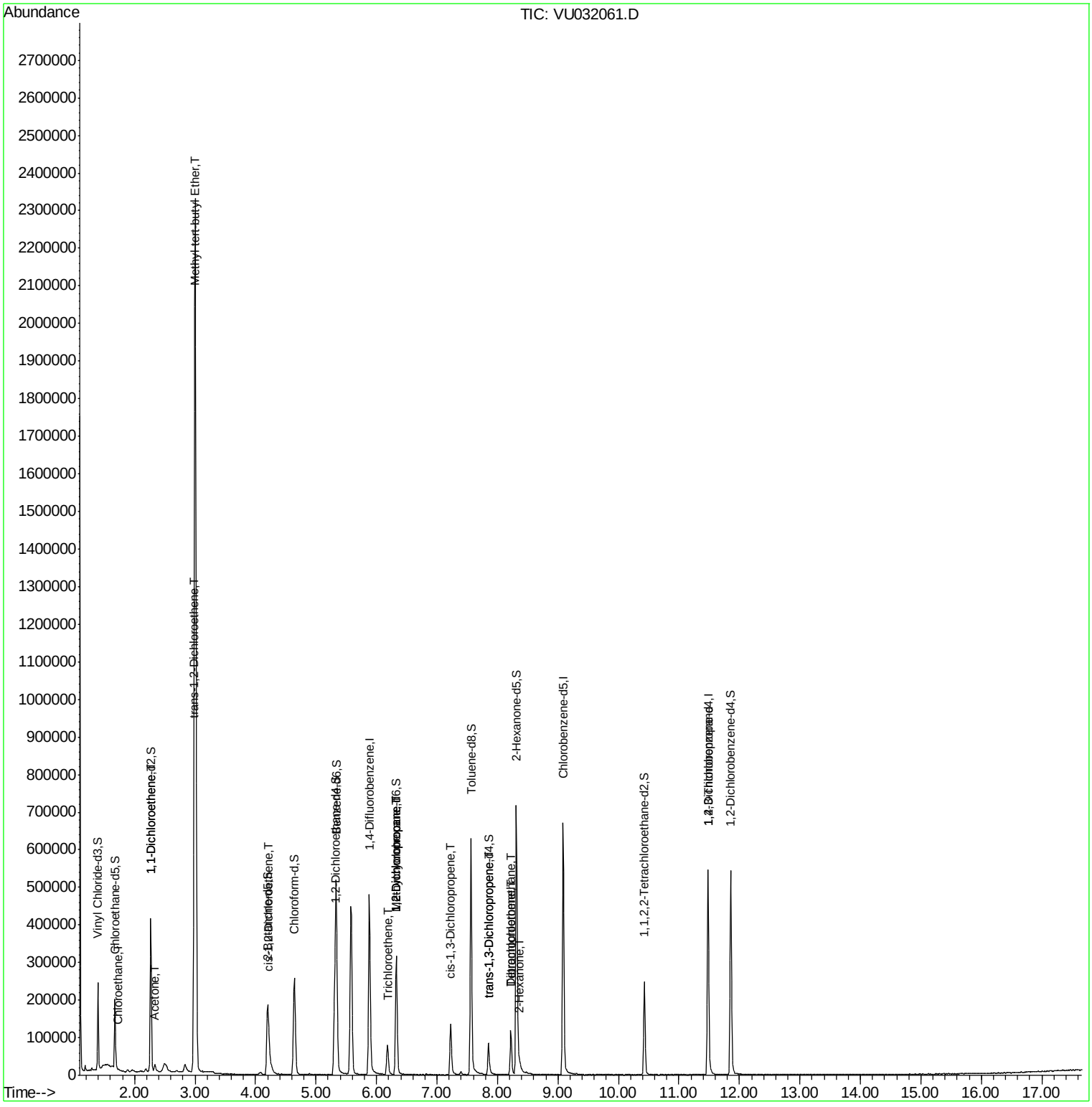
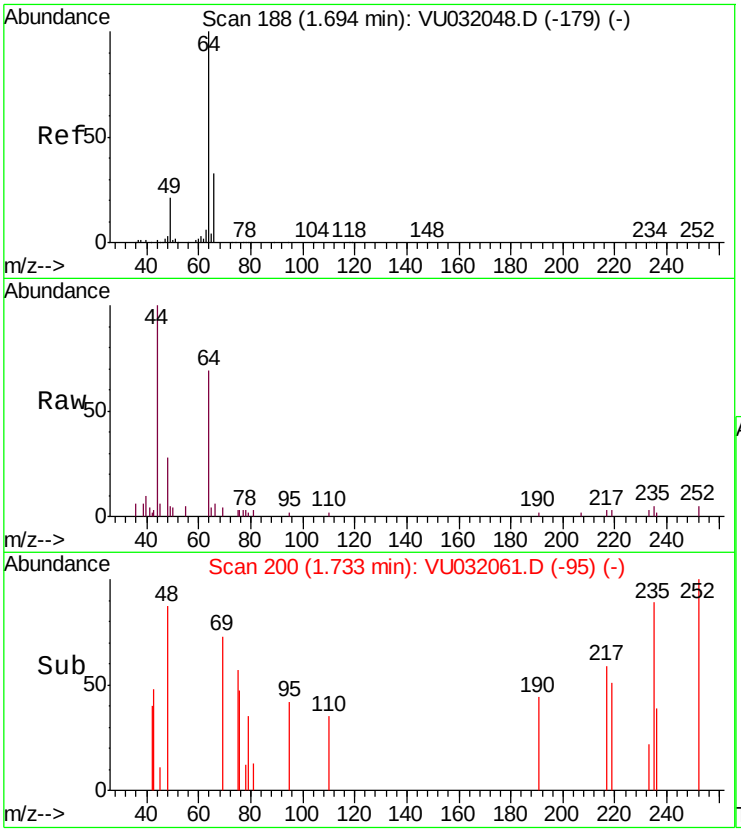
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration



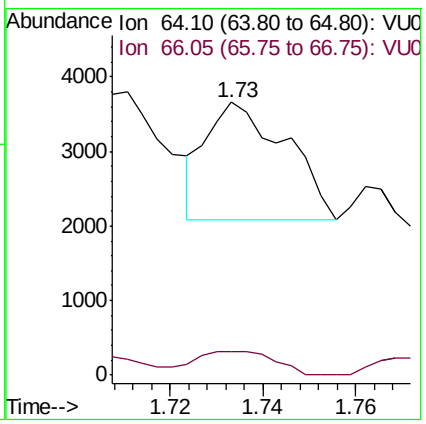


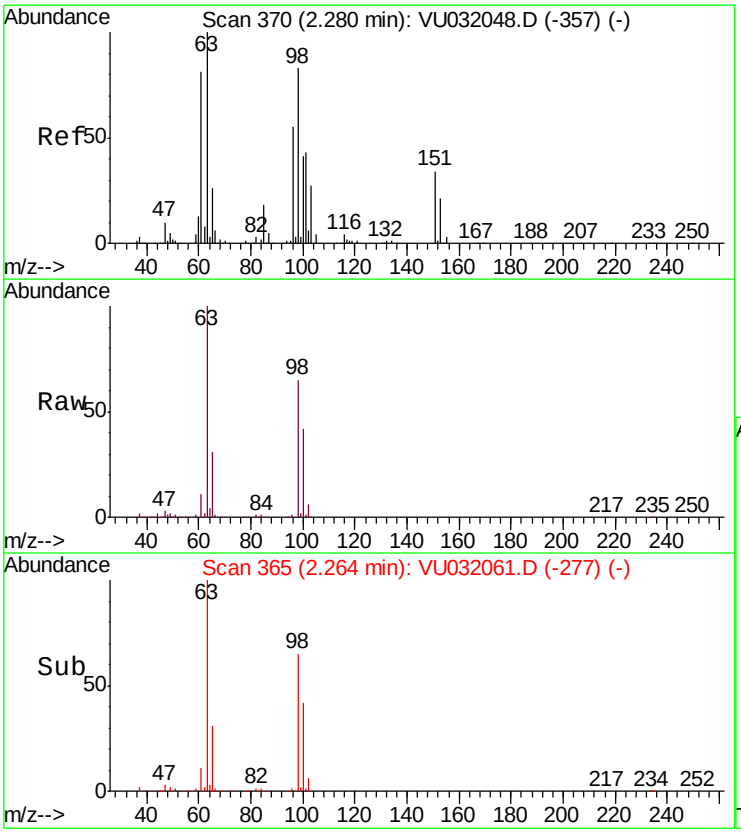
#8
Chloroethane
Concen: 0.139 ug/L
RT: 1.73 min Scan# 200
Delta R.T. 0.04 min
Lab File: VU032061.D
Acq: 16 May 2019 20:14

Instrument :
MSVOA_U
ClientSampleId :
F9W03

Tgt Ion: 64 Resp: 1872

Ion	Ratio	Lower	Upper
64	100		
66	8.7	22.0	41.0#

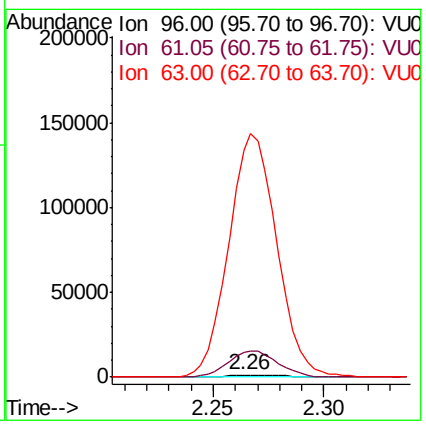


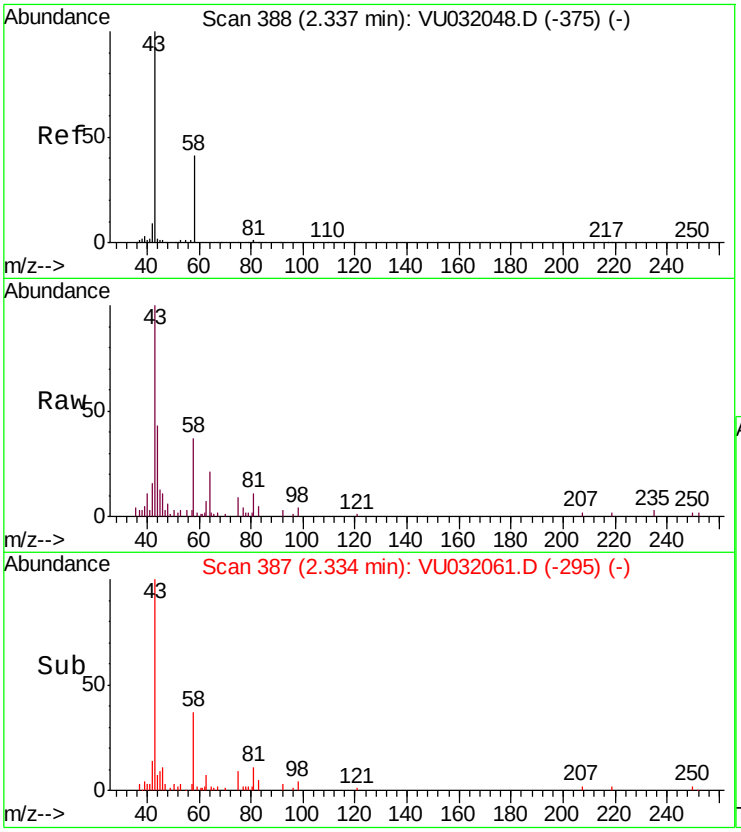


#12
1,1-Dichloroethene
Concen: 0.147 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU032061.D
Acq: 16 May 2019 20:14

Tgt Ion: 96 Resp: 2537

Ion	Ratio	Lower	Upper
96	100		
61	1096.5	111.7	207.5#
63	10107.6	152.2	282.6#



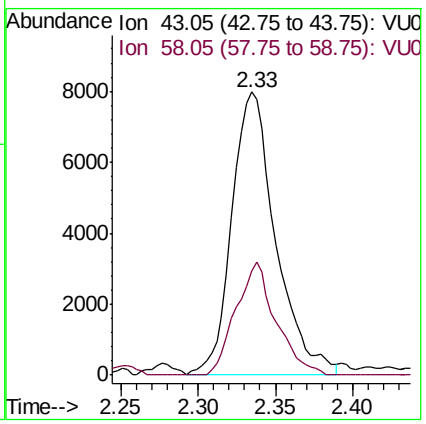


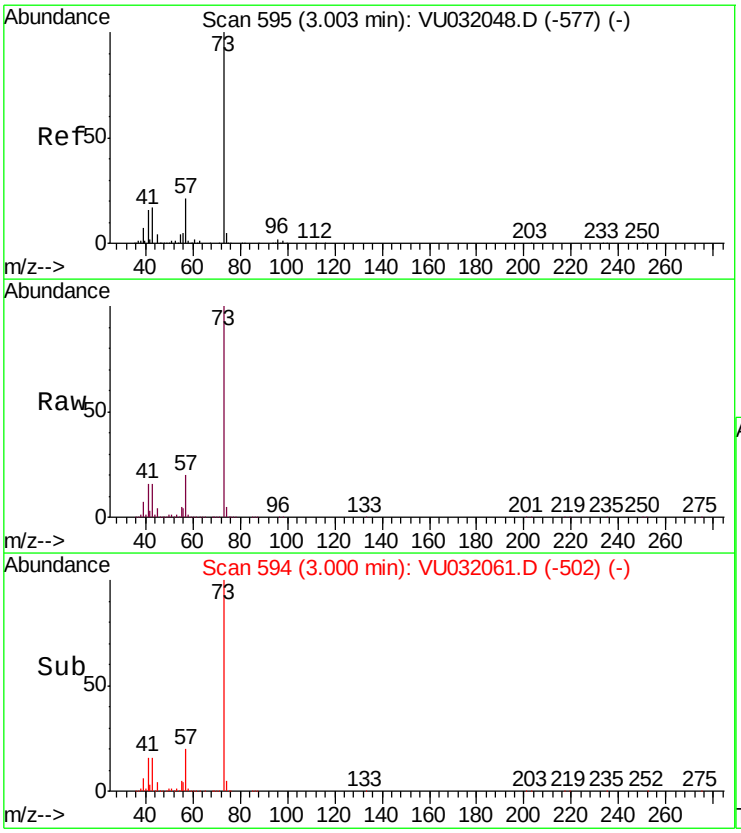
#13
Acetone
Concen: 6.754 ug/L
RT: 2.33 min Scan# 387
Delta R.T. -0.00 min
Lab File: VU032061.D
Acq: 16 May 2019 20:14

Instrument : MSVOA_U
ClientSampleId : F9W03

Tgt Ion: 43 Resp: 15775

Ion	Ratio	Lower	Upper
43	100		
58	36.3	0.0	78.8

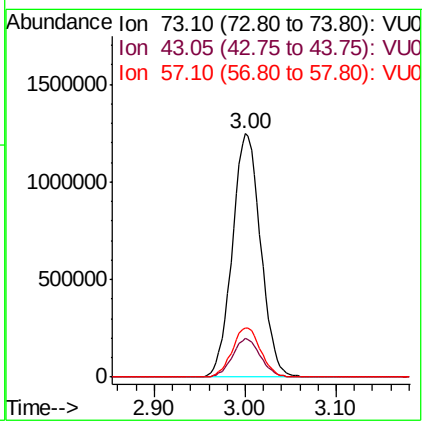


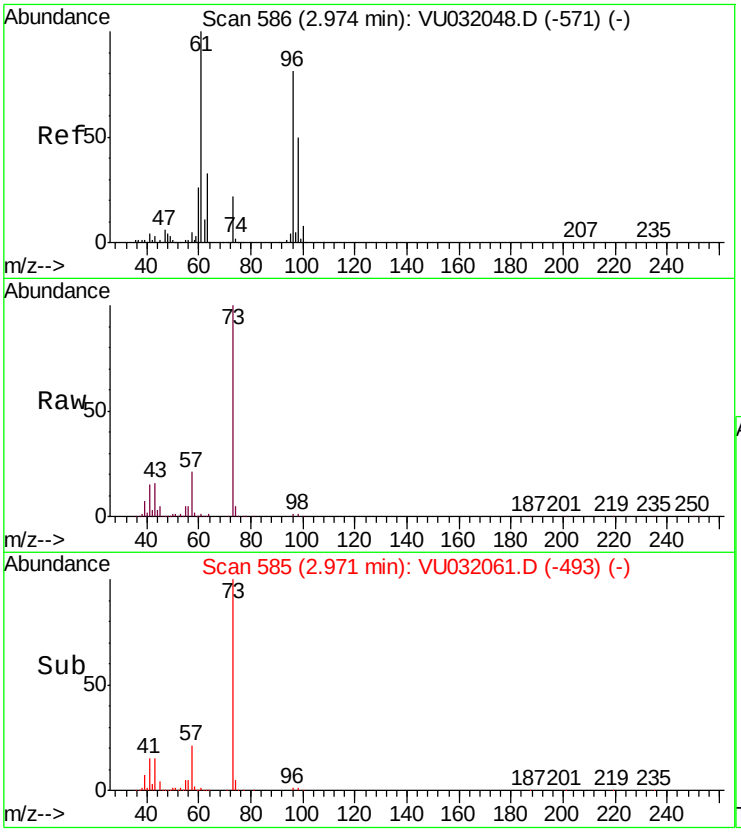


#17
Methyl tert-butyl Ether
Concen: 66.383 ug/L
RT: 3.00 min Scan# 594
Delta R.T. -0.00 min
Lab File: VU032061.D
Acq: 16 May 2019 20:14

Tgt Ion: 73 Resp: 2696457

Ion	Ratio	Lower	Upper
73	100		
43	15.6	13.0	19.6
57	20.4	17.9	26.9



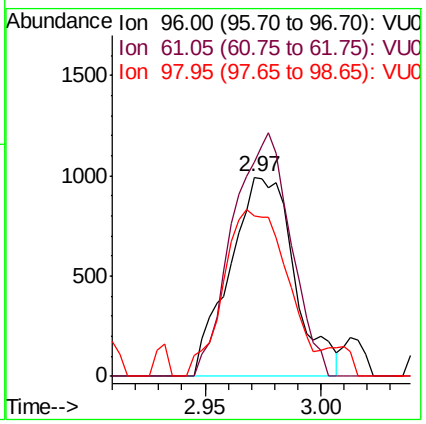


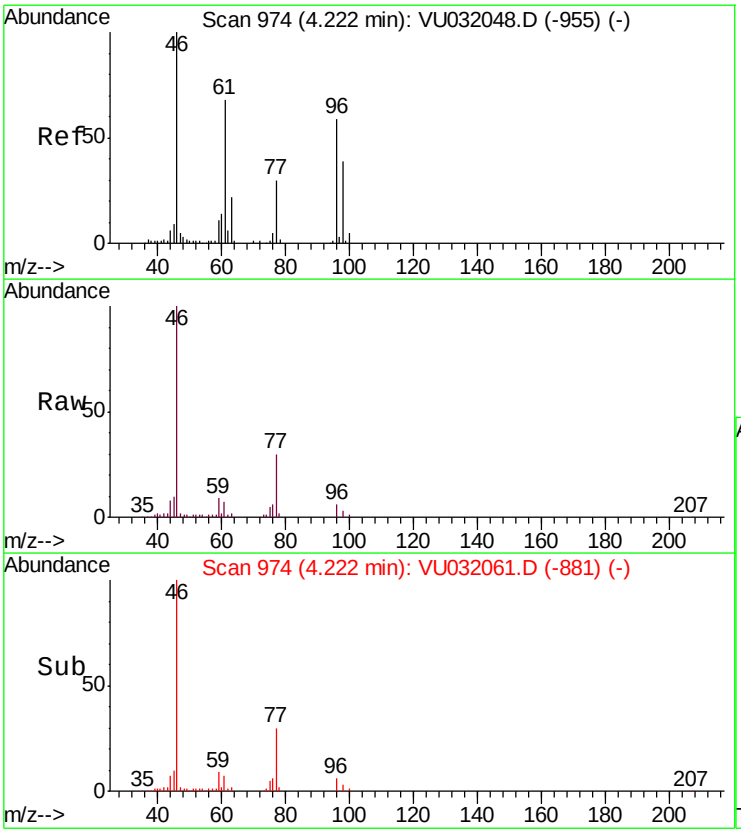
#18
trans-1,2-Dichloroethene
Concen: 0.103 ug/L
RT: 2.97 min Scan# 585
Delta R.T. -0.00 min
Lab File: VU032061.D
Acq: 16 May 2019 20:14

Instrument : MSVOA_U
ClientSampleId : F9W03

Tgt Ion: 96 Resp: 1913

Ion	Ratio	Lower	Upper
96	100		
61	107.5	86.5	160.7
98	80.4	43.5	80.9

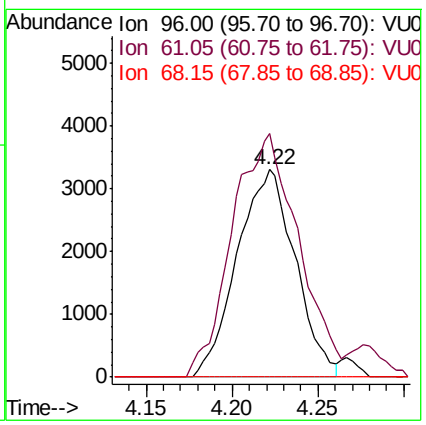


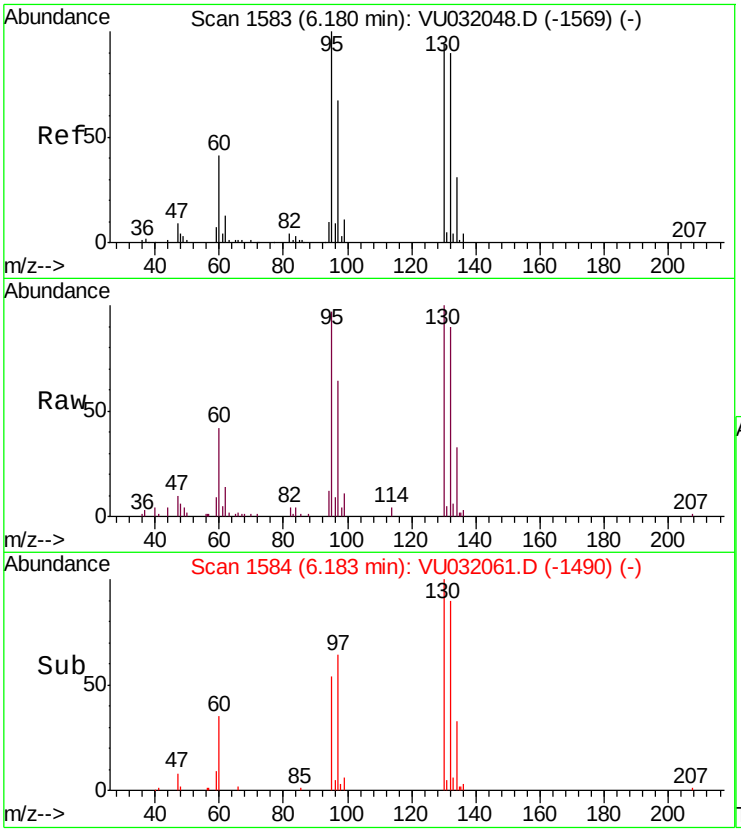


#22
cis-1,2-Dichloroethene
Concen: 0.425 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU032061.D
Acq: 16 May 2019 20:14

Tgt Ion: 96 Resp: 7726

Ion	Ratio	Lower	Upper
96	100		
61	117.2	85.8	159.4
68	0.0	0.0	0.0



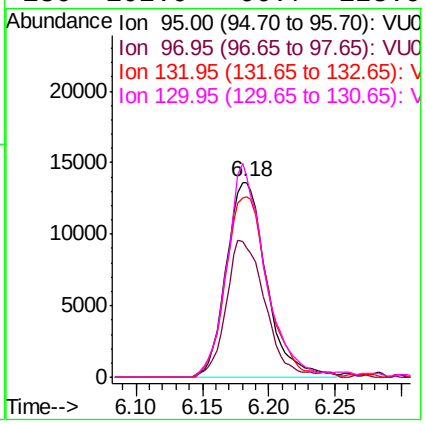


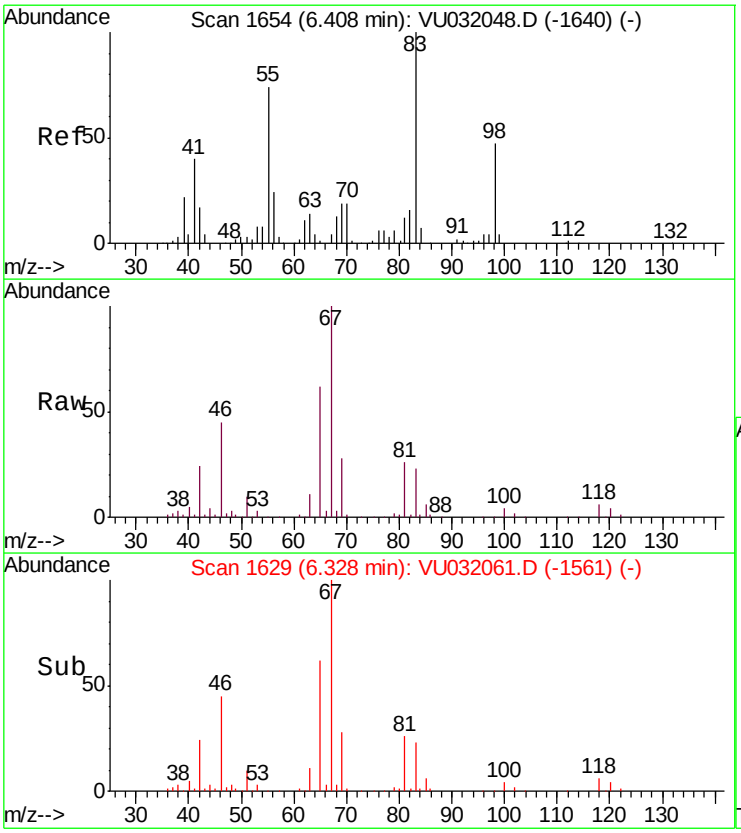
#34
Trichloroethene
Concen: 1.677 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032061.D
Acq: 16 May 2019 20:14

Instrument : MSVOA_U
ClientSampleId : F9W03

Tgt Ion: 95 Resp: 28735

Ion	Ratio	Lower	Upper
95	100		
97	66.3	45.2	84.0
132	93.0	66.1	122.7
130	102.9	66.7	123.9

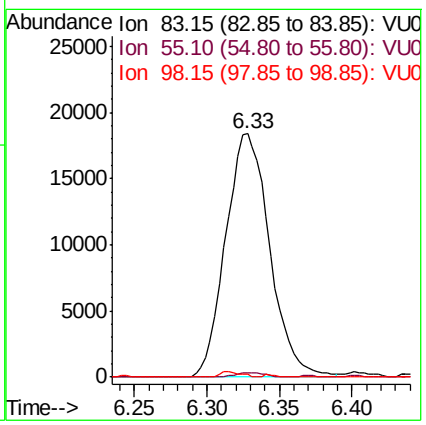


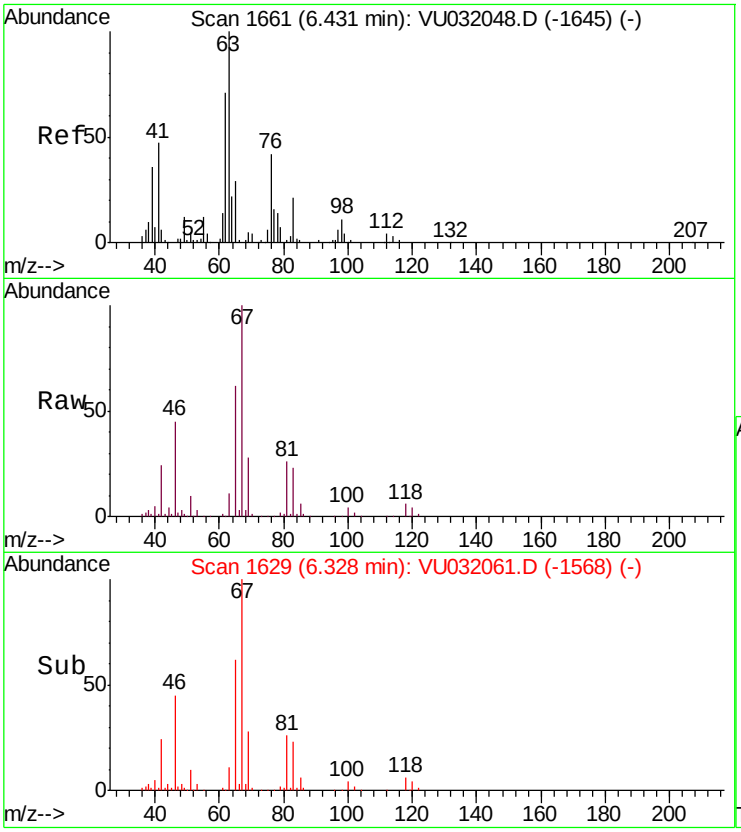


#35
Methylcyclohexane
Concen: 1.574 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032061.D
Acq: 16 May 2019 20:14

Tgt Ion: 83 Resp: 38820

Ion	Ratio	Lower	Upper
83	100		
55	1.2	59.7	89.5#
98	0.2	36.8	55.2#



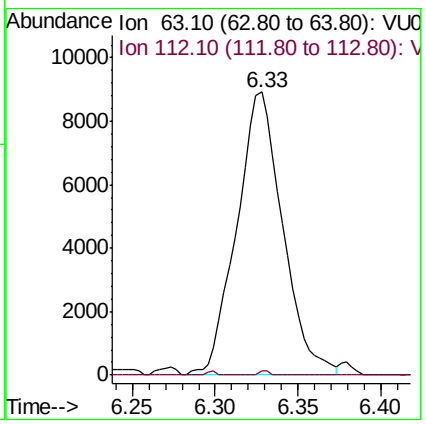


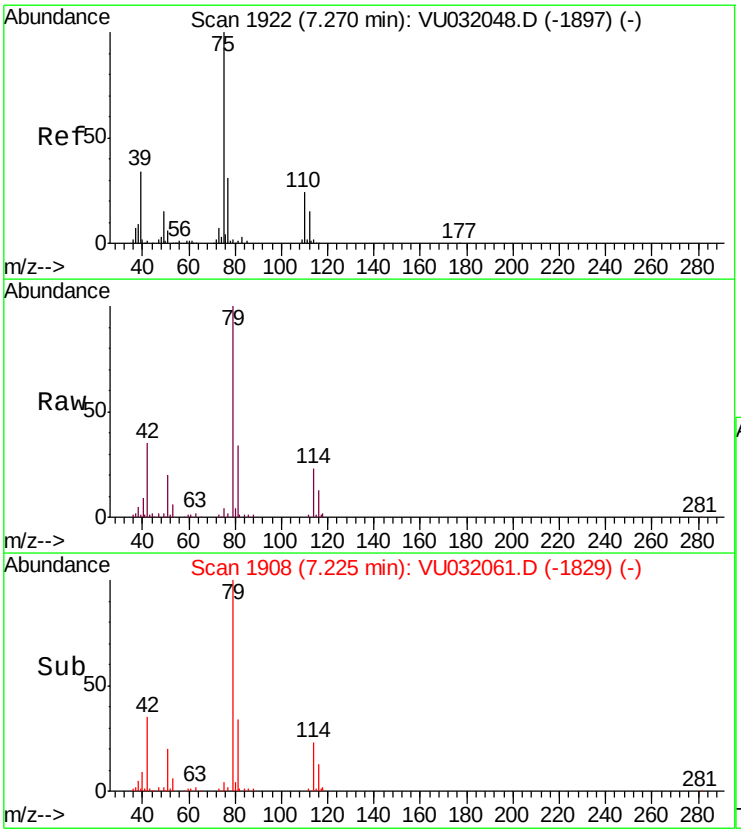
#37
1,2-Dichloropropane
Concen: 1.116 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032061.D
Acq: 16 May 2019 20:14

Instrument :
MSVOA_U
ClientSampleId :
F9W03

Tgt Ion: 63 Resp: 17229

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.8	5.6#

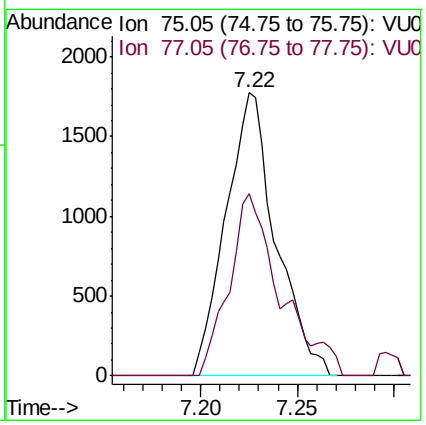


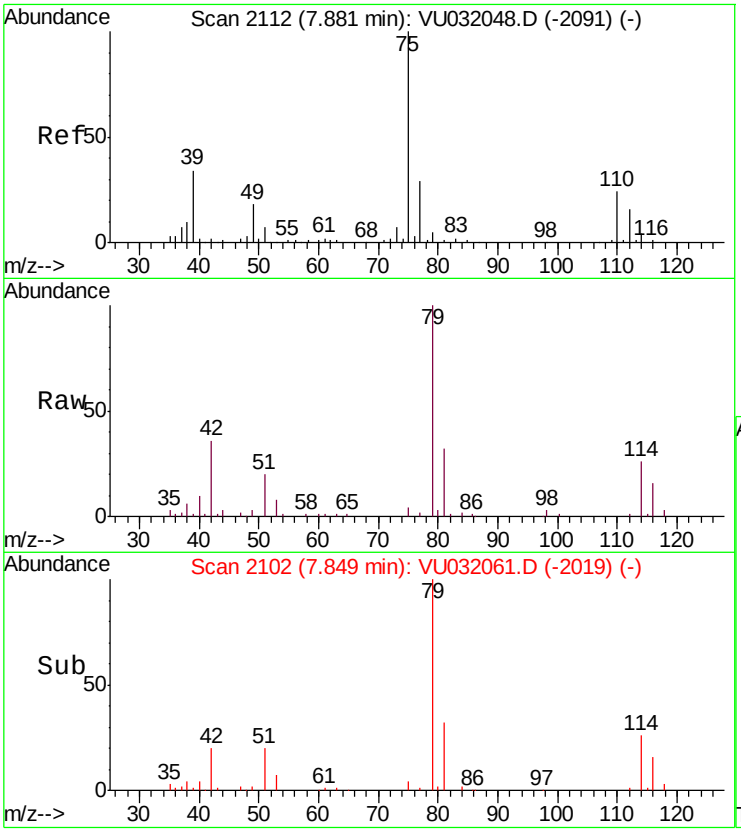


#39
cis-1,3-Dichloropropene
Concen: 0.149 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032061.D
Acq: 16 May 2019 20:14

Tgt Ion: 75 Resp: 3187

Ion	Ratio	Lower	Upper
75	100		
77	64.3	21.7	40.3#



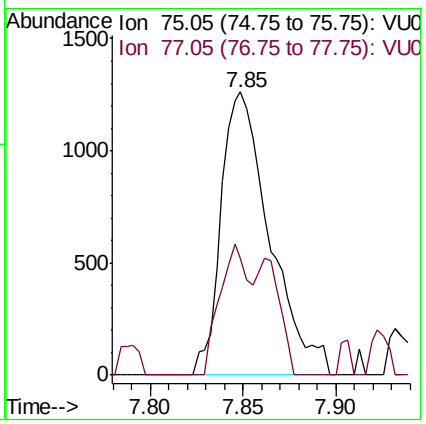


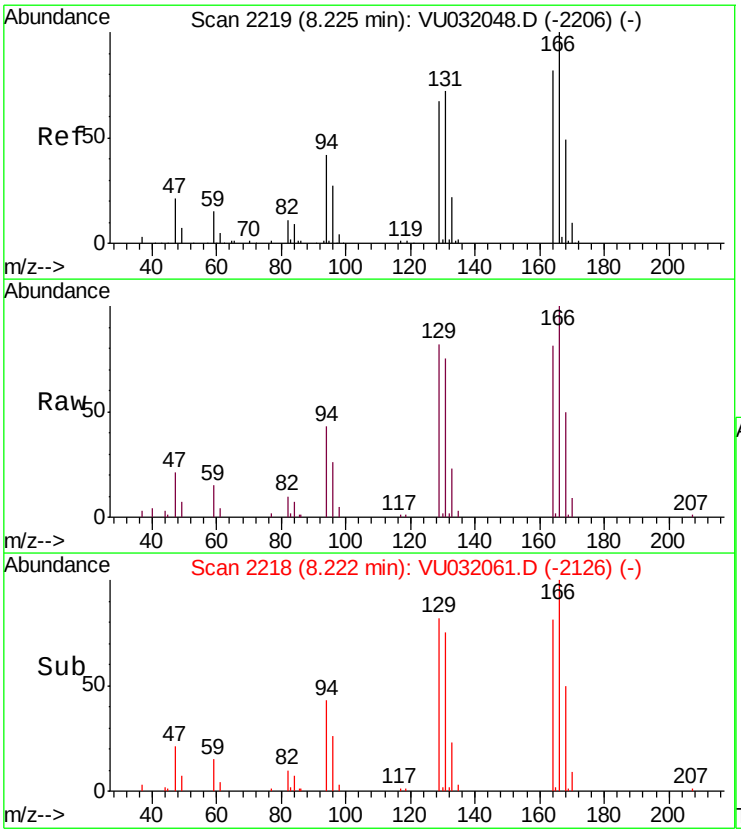
#44
trans-1,3-Dichloropropene
Concen: 0.139 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032061.D
Acq: 16 May 2019 20:14

Instrument :
MSVOA_U
ClientSampleId :
F9W03

Tgt Ion: 75 Resp: 2314

Ion	Ratio	Lower	Upper
75	100		
77	41.5	21.0	39.0#

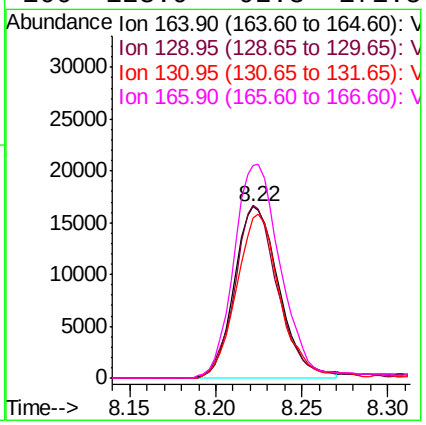


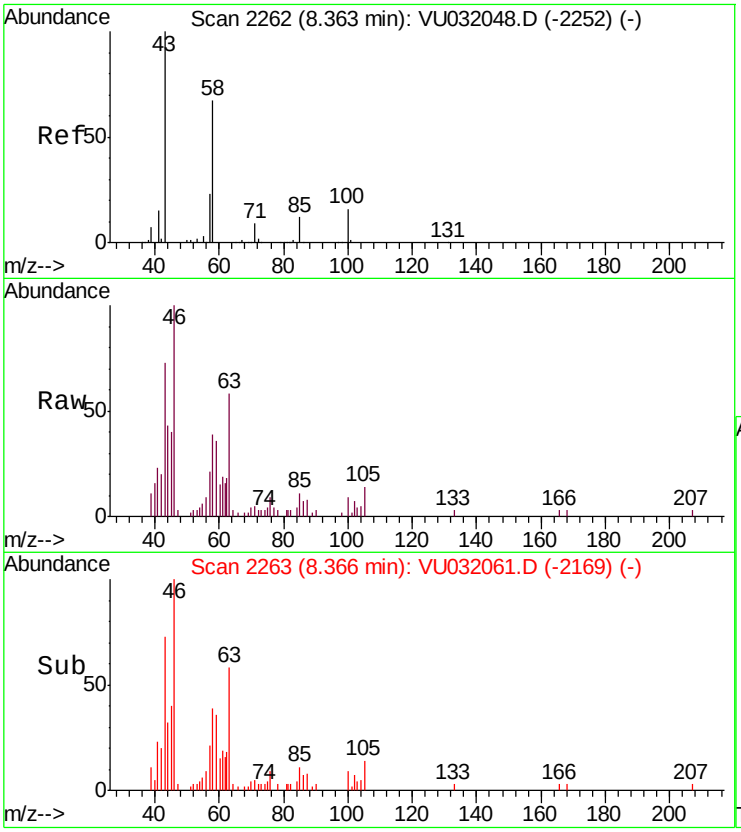


#47
Tetrachloroethene
Concen: 2.338 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032061.D
Acq: 16 May 2019 20:14

Tgt Ion:164 Resp: 29934

Ion	Ratio	Lower	Upper
164	100		
129	101.3	70.3	130.5
131	93.5	64.5	119.9
166	123.9	92.3	171.5



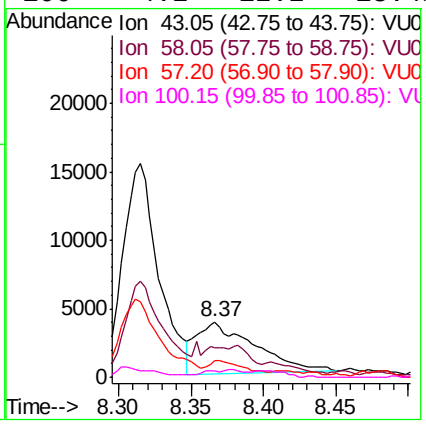


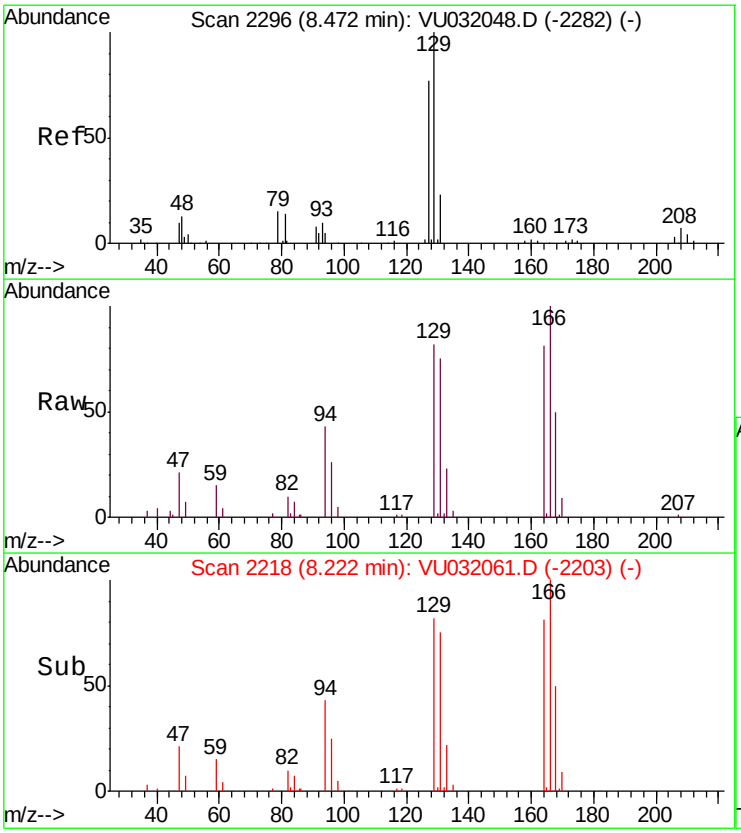
#48
2-Hexanone
Concen: 1.941 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU032061.D
Acq: 16 May 2019 20:14

Instrument : MSVOA_U
ClientSampleId : F9W03

Tgt Ion: 43 Resp: 10779

Ion	Ratio	Lower	Upper
43	100		
58	0.0	51.6	77.4#
57	14.7	18.4	27.6#
100	4.2	12.2	18.4#

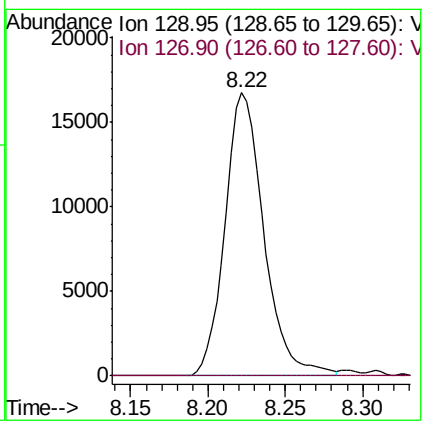


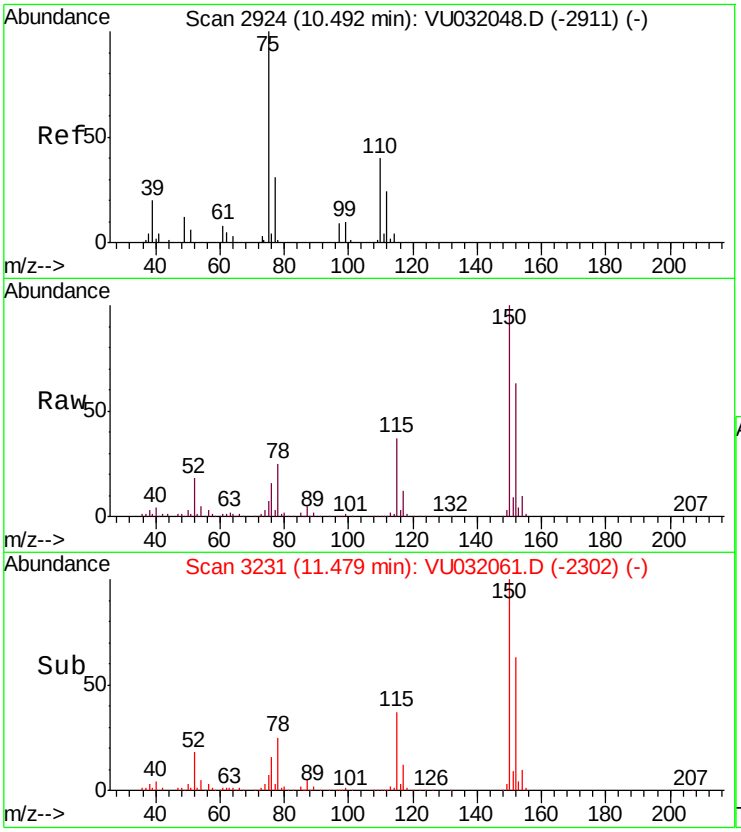


#49
Dibromochloromethane
Concen: 2.224 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032061.D
Acq: 16 May 2019 20:14

Tgt Ion:129 Resp: 29230

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#





#59
1,2,3-Trichloropropane
Concen: 1.862 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032061.D
Acq: 16 May 2019 20:14

Instrument :
MSVOA_U
ClientSampleId :
F9W03

Tgt Ion: 75 Resp: 18262

Ion	Ratio	Lower	Upper
75	100		
77	34.9	26.2	39.2