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

Quantitation Report (Not Reviewed)

Data File : VU032134.D
Acq On : 18 May 2019 05:51
Operator : JC/SP
Sample : K2860-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W36

Quant Time: May 18 06:12:29 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	353233	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	360935	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	143162	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	107020	3.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.80%			
7) Chloroethane-d5	1.68	69	96890	3.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.20%			
11) 1,1-Dichloroethene-d2	2.27	63	155373	3.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.60%			
20) 2-Butanone-d5	4.20	46	231127	39.57	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 79.14%			
24) Chloroform-d	4.64	84	222094	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.80%			
26) 1,2-Dichloroethane-d4	5.31	65	109864	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.40%			
32) Benzene-d6	5.33	84	436271	3.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.20%			
36) 1,2-Dichloropropane-d6	6.33	67	127708	3.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 79.40%			
41) Toluene-d8	7.56	98	363018	3.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.80%			
43) trans-1,3-Dichloropropene-	7.85	79	42208	3.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.80%			
46) 2-Hexanone-d5	8.31	63	201346	38.49	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 76.98%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112406	4.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	141532	4.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.40%			

Target Compounds						Qvalue
3) Chloromethane	1.32	50	3375	0.199	ug/L	91
12) 1,1-Dichloroethene	2.27	96	1785	0.126	ug/L #	1
13) Acetone	2.34	43	27751	14.471	ug/L	96
15) Methyl Acetate	2.34	43	22861	4.157	ug/L #	42
16) Methylene chloride	2.69	84	2081	0.123	ug/L #	83
17) Methyl tert-butyl Ether	3.00	73	19695	0.591	ug/L #	96
18) trans-1,2-Dichloroethene	2.97	96	16338	1.076	ug/L	94
21) 2-Butanone	4.31	43	2463	0.895	ug/L #	67
22) cis-1,2-Dichloroethene	4.22	96	38199	2.557	ug/L	86
23) Bromochloromethane	4.55	128	1446	0.226	ug/L #	71
25) Chloroform	4.67	83	37797	1.467	ug/L	96
34) Trichloroethene	6.18	95	131990	8.780	ug/L	92
35) Methylcyclohexane	6.33	83	31920	1.474	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	13119	0.968	ug/L #	87
38) Bromodichloromethane	6.75	83	48847	2.818	ug/L	96
47) Tetrachloroethene	8.22	164	53562	4.766	ug/L	98
48) 2-Hexanone	8.36	43	9439	1.937	ug/L #	36

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

Quantitation Report (Not Reviewed)

Data File : VU032134.D
Acq On : 18 May 2019 05:51
Operator : JC/SP
Sample : K2860-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W36

Quant Time: May 18 06:12:29 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)
49) Dibromochloromethane	8.47	129	46284	4.012	ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	14622	1.699	ug/L	95
61) Bromoform	9.95	173	8993	1.637	ug/L	98

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

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

Quantitation Report (Not Reviewed)

Data File : VU032134.D
Acq On : 18 May 2019 05:51
Operator : JC/SP
Sample : K2860-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

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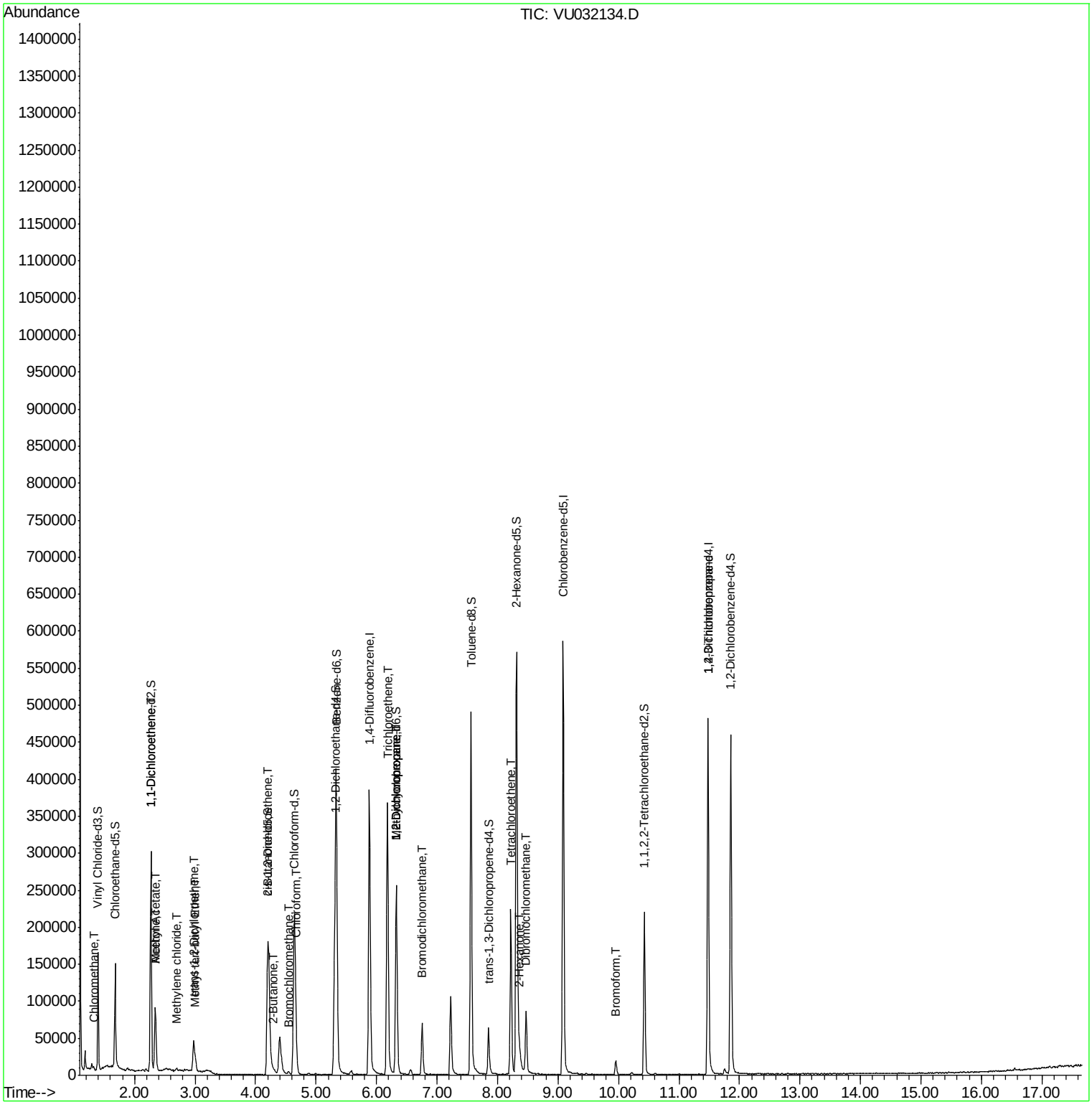
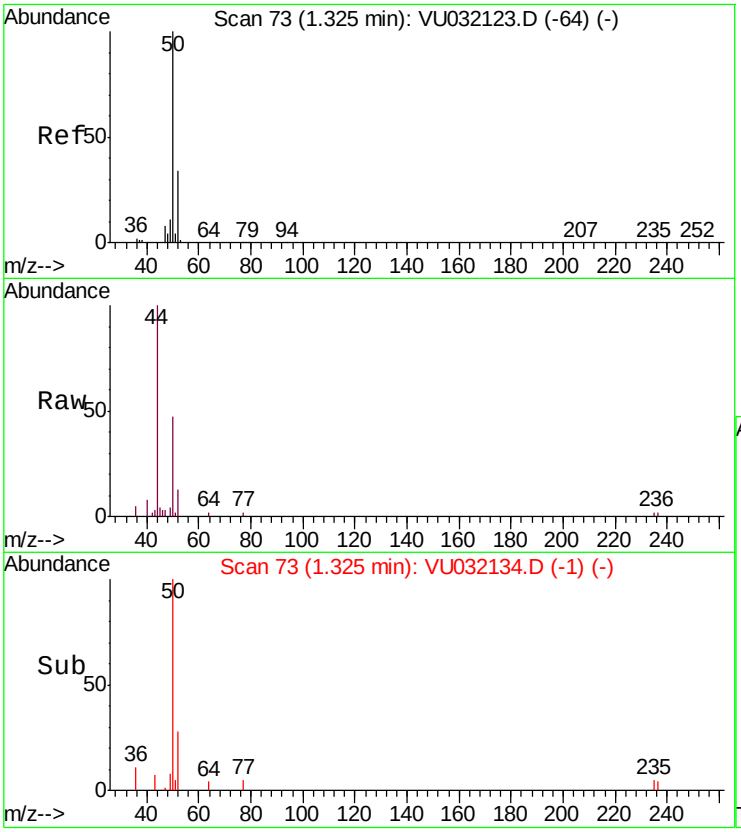
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 05:45:56 2019
Response via : Initial Calibration



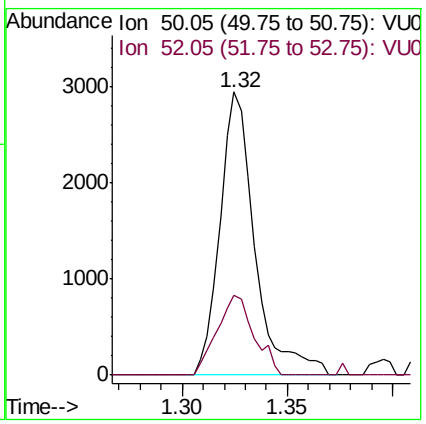


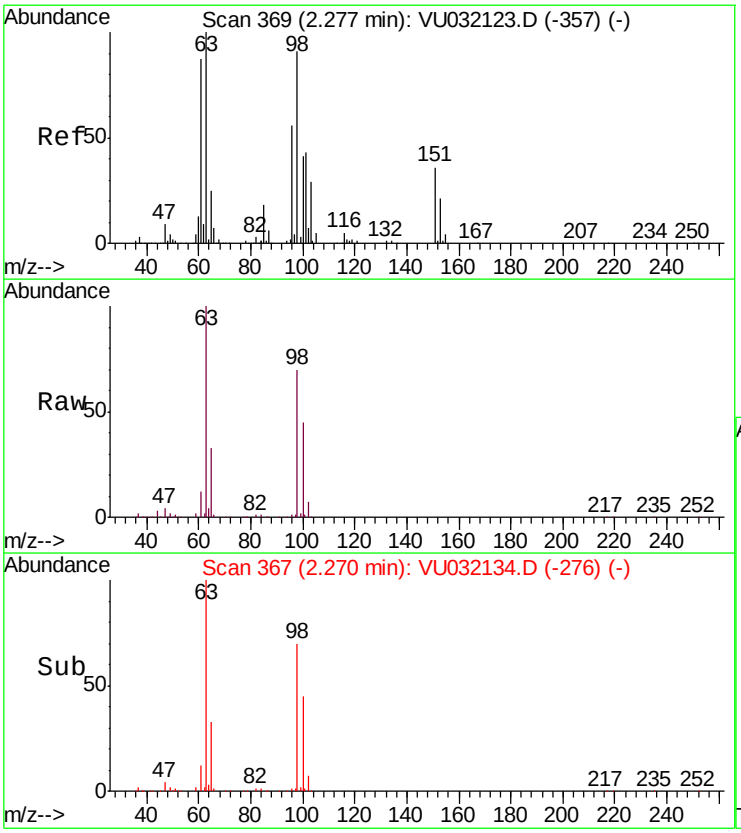
#3
Chloromethane
Concen: 0.199 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Instrument : MSVOA_U
ClientSampleId : F9W36

Tgt Ion: 50 Resp: 3375

Ion	Ratio	Lower	Upper
50	100		
52	28.2	23.2	43.0

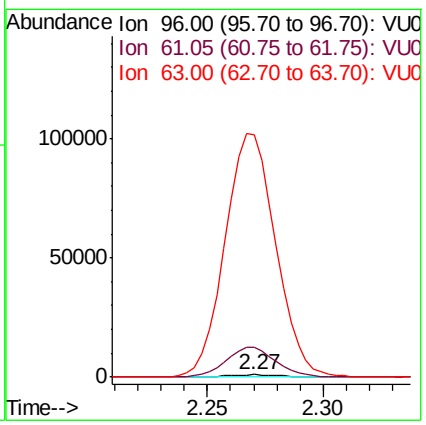


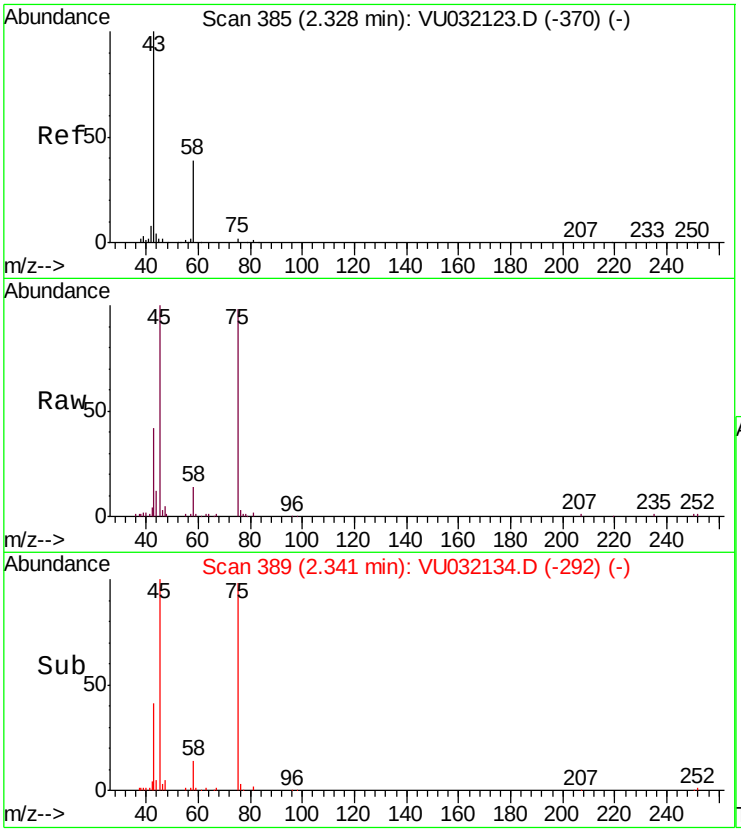


#12
1,1-Dichloroethene
Concen: 0.126 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Tgt Ion: 96 Resp: 1785

Ion	Ratio	Lower	Upper
96	100		
61	1201.2	111.7	207.5#
63	9871.6	152.2	282.6#



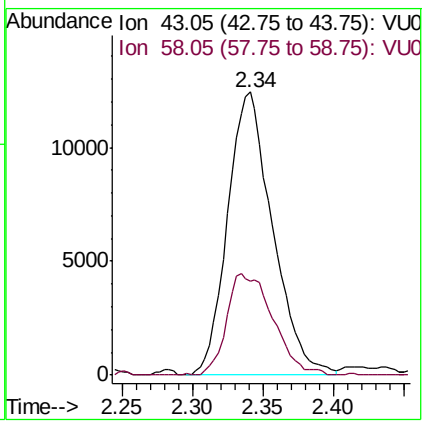


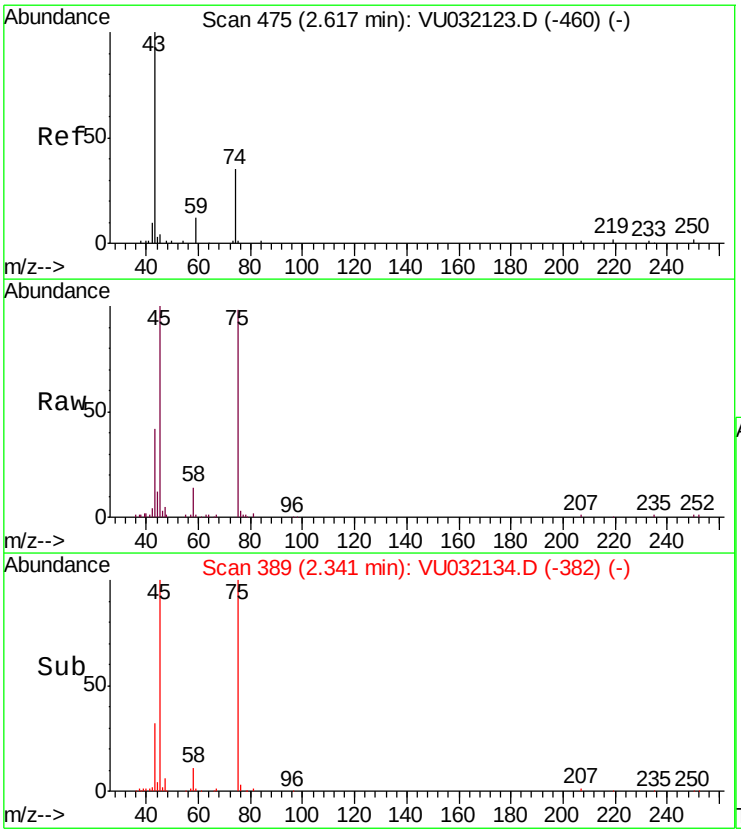
#13
Acetone
Concen: 14.471 ug/L
RT: 2.34 min Scan# 389
Delta R.T. 0.01 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Instrument : MSVOA_U
ClientSampleId : F9W36

Tgt Ion: 43 Resp: 27751

Ion	Ratio	Lower	Upper
43	100		
58	36.8	0.0	78.8

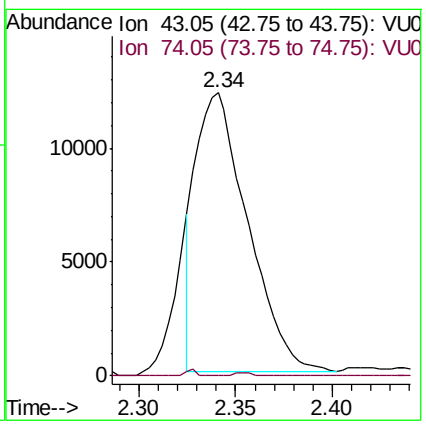


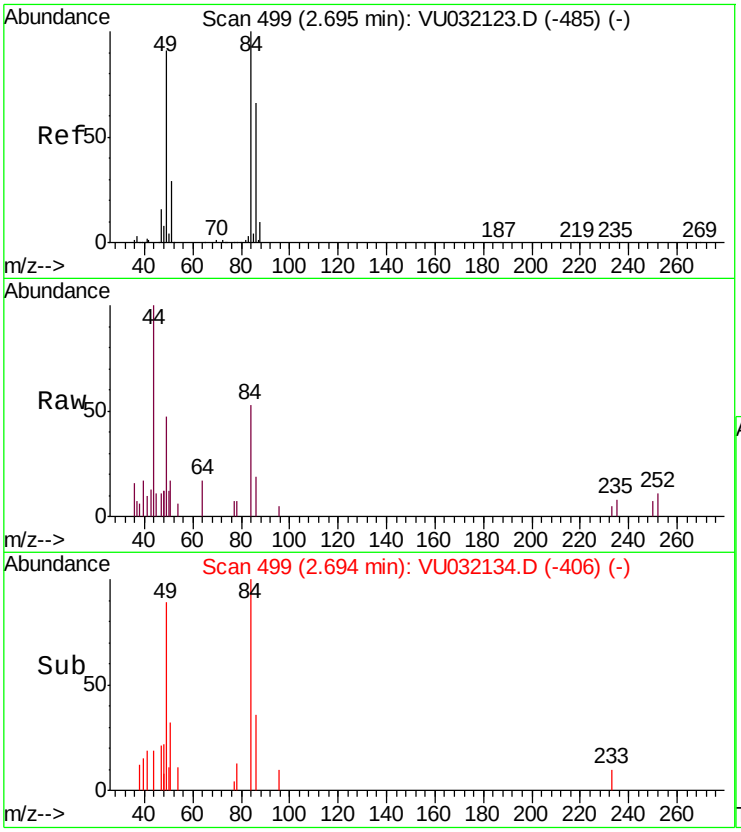


#15
Methyl Acetate
Concen: 4.157 ug/L
RT: 2.34 min Scan# 389
Delta R.T. -0.28 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Tgt Ion: 43 Resp: 22861

Ion	Ratio	Lower	Upper
43	100		
74	0.3	26.4	39.6#



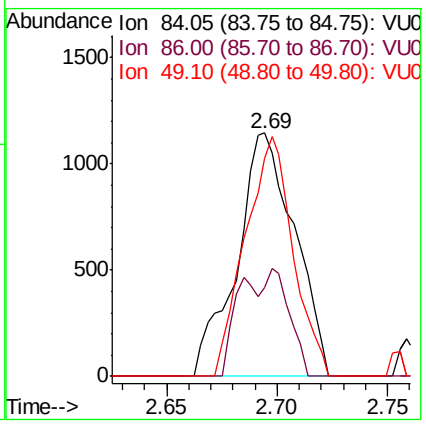


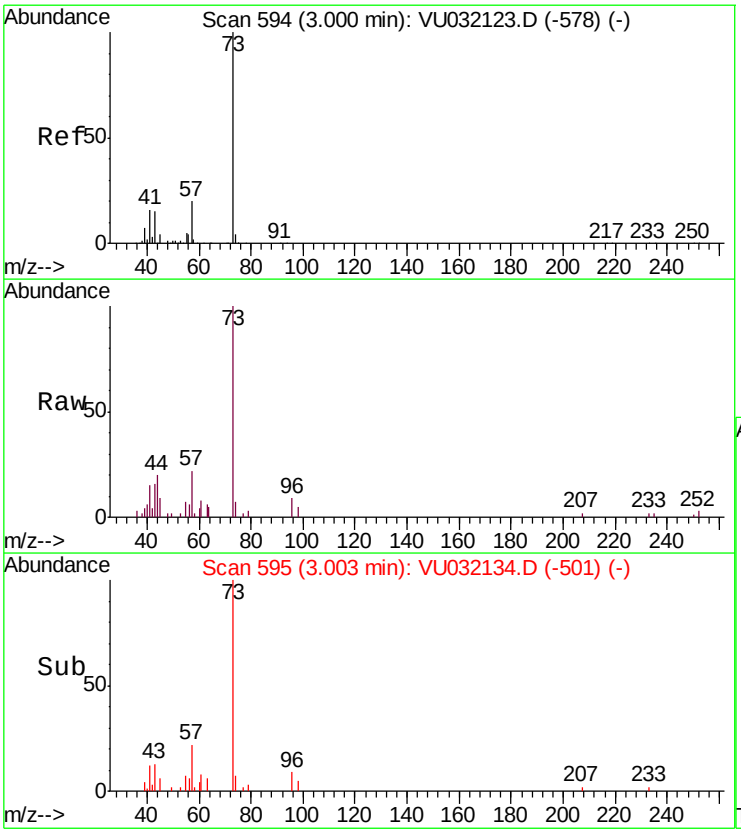
#16
Methylene chloride
Concen: 0.123 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Instrument : MSVOA_U
ClientSampleId : F9W36

Tgt Ion: 84 Resp: 2081

Ion	Ratio	Lower	Upper
84	100		
86	36.3	43.1	80.1#
49	89.4	67.7	125.7

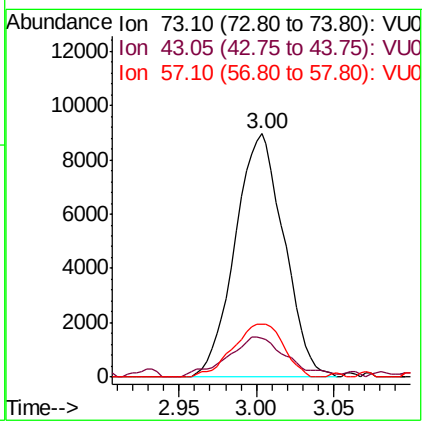


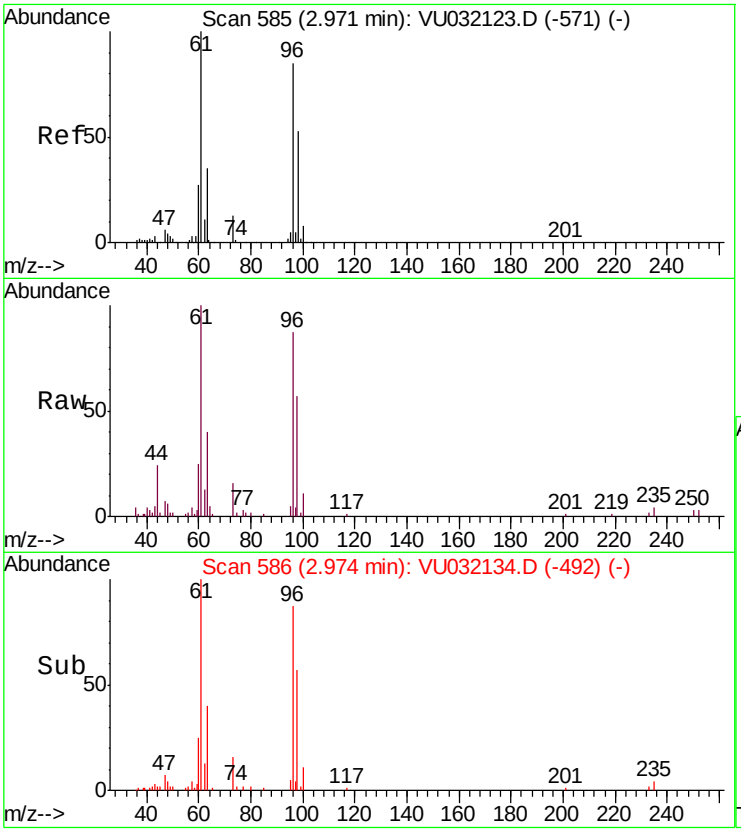


#17
Methyl tert-butyl Ether
Concen: 0.591 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Tgt Ion: 73 Resp: 19695

Ion	Ratio	Lower	Upper
73	100		
43	19.9	13.0	19.6#
57	22.5	17.9	26.9



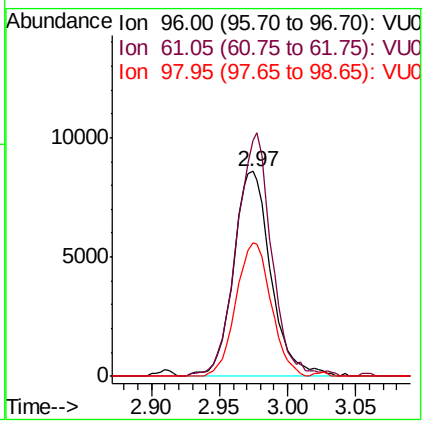


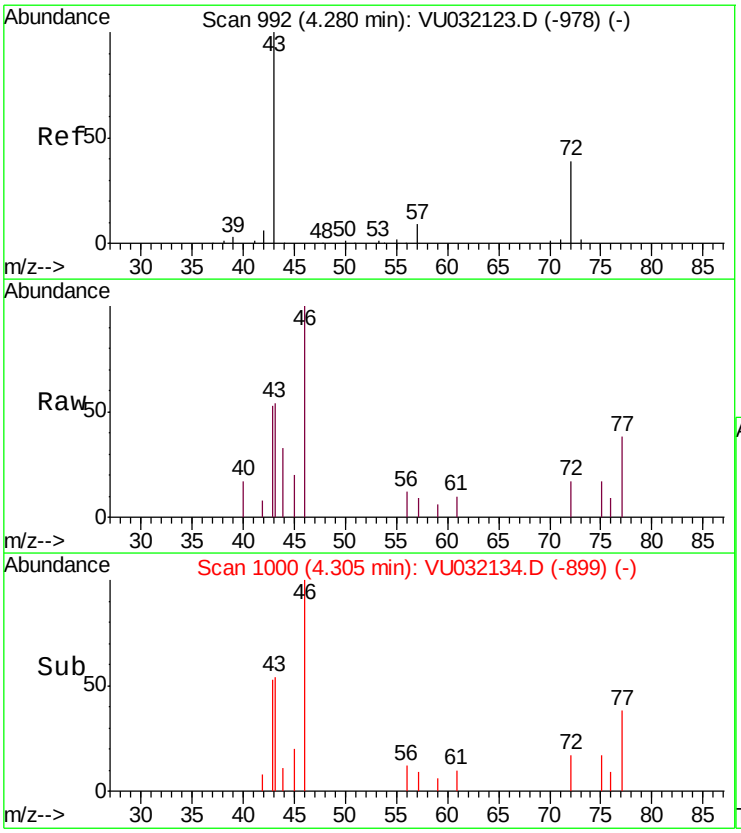
#18
trans-1,2-Dichloroethene
Concen: 1.076 ug/L
RT: 2.97 min Scan# 586
Delta R.T. 0.00 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Instrument :
MSVOA_U
ClientSampleId :
F9W36

Tgt Ion: 96 Resp: 16338

Ion	Ratio	Lower	Upper
96	100		
61	115.0	86.5	160.7
98	65.5	43.5	80.9

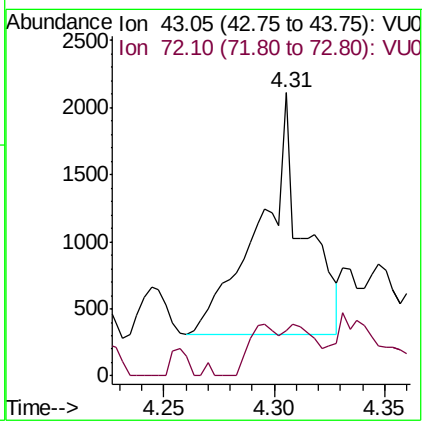


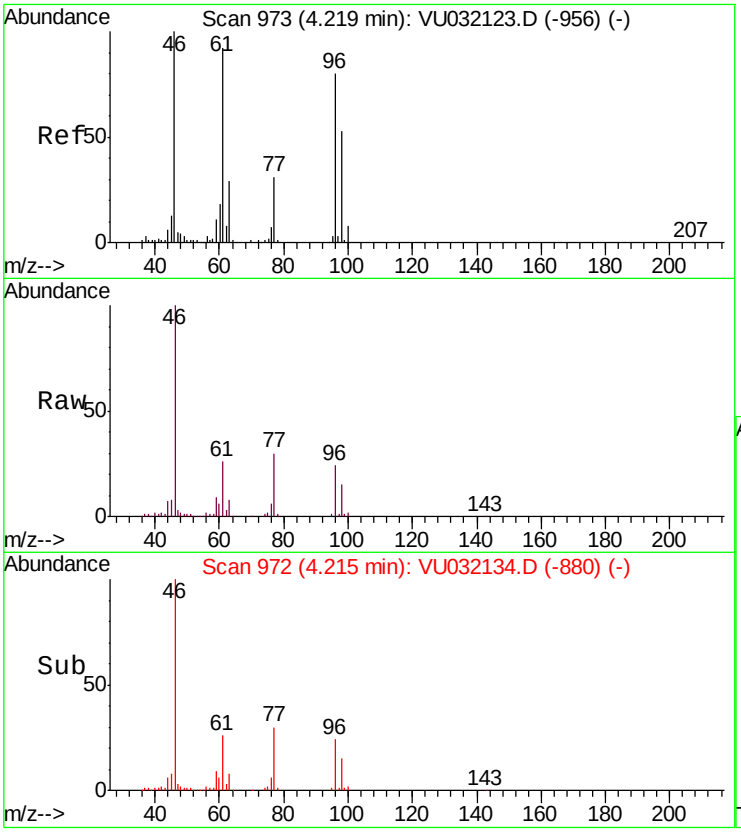


#21
2-Butanone
Concen: 0.895 ug/L
RT: 4.31 min Scan# 1000
Delta R.T. 0.03 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Tgt Ion: 43 Resp: 2463

Ion	Ratio	Lower	Upper
43	100		
72	14.8	16.8	50.3#



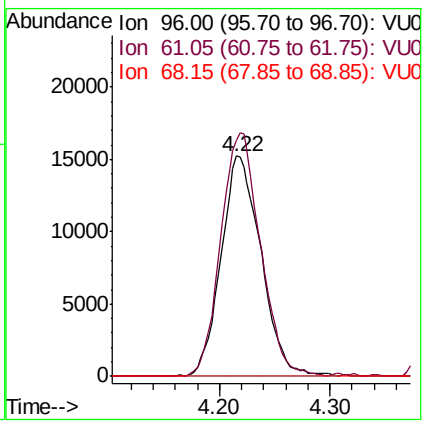


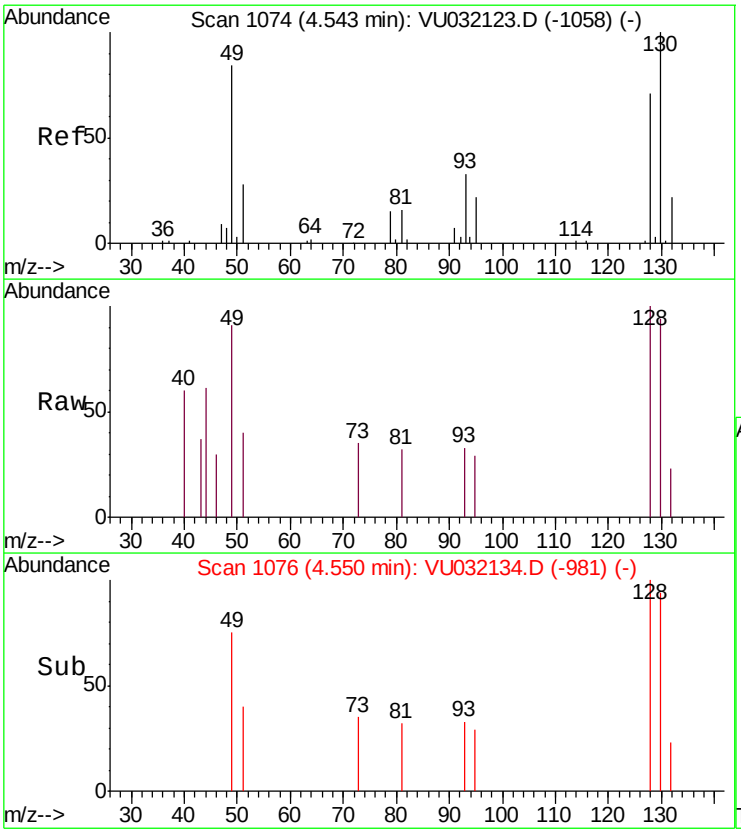
#22
cis-1,2-Dichloroethene
Concen: 2.557 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Instrument :
MSVOA_U
ClientSampleId :
F9W36

Tgt Ion: 96 Resp: 38199

Ion	Ratio	Lower	Upper
96	100		
61	107.3	85.8	159.4
68	0.0	0.0	0.0

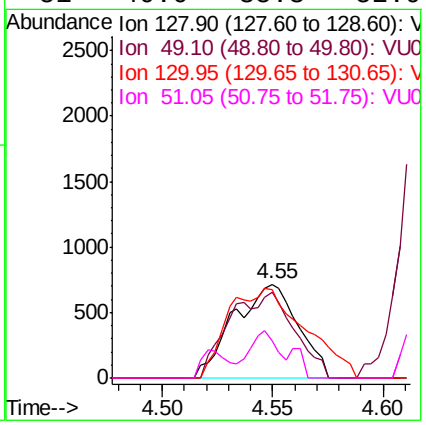


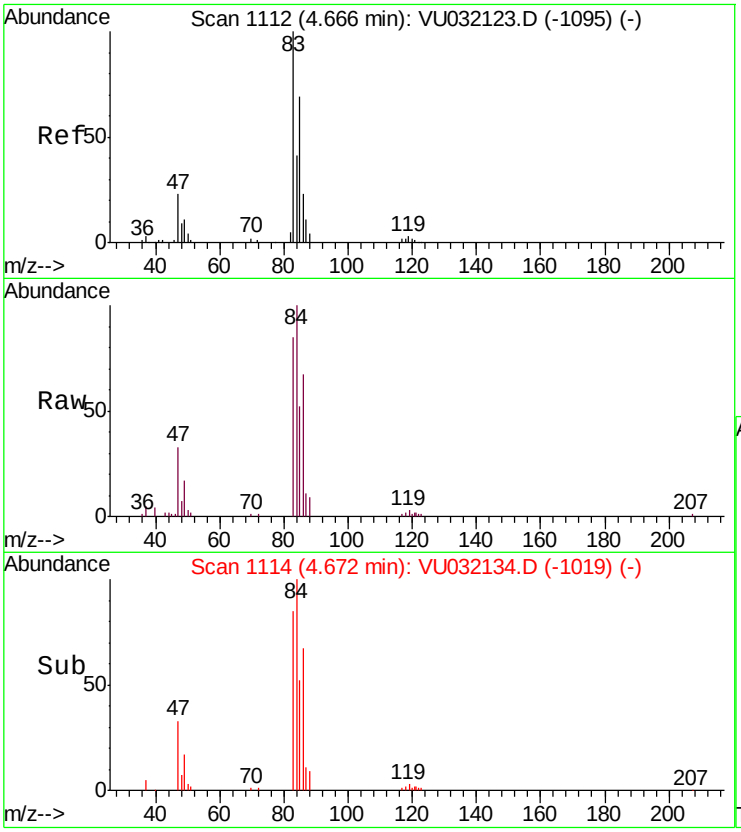


#23
Bromochloromethane
Concen: 0.226 ug/L
RT: 4.55 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Tgt Ion:128 Resp: 1446

Ion	Ratio	Lower	Upper
128	100		
49	91.4	92.2	171.2#
130	93.7	90.3	167.7
51	40.0	35.3	52.9



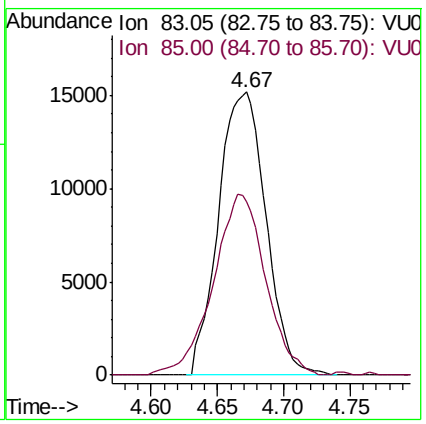


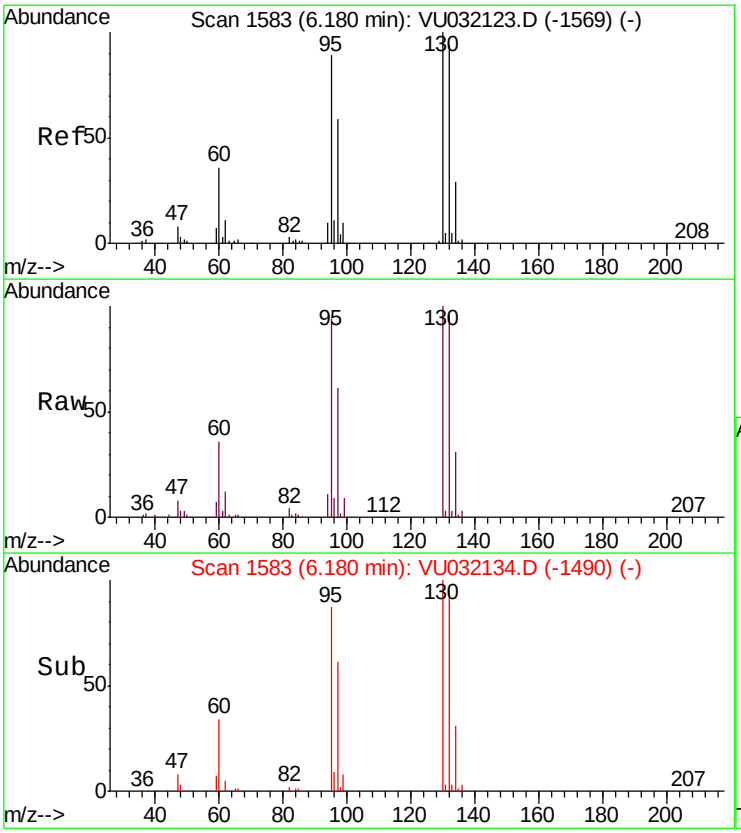
#25
Chloroform
Concen: 1.467 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Instrument : MSVOA_U
ClientSampleId : F9W36

Tgt Ion: 83 Resp: 37797

Ion	Ratio	Lower	Upper
83	100		
85	61.3	44.9	83.3

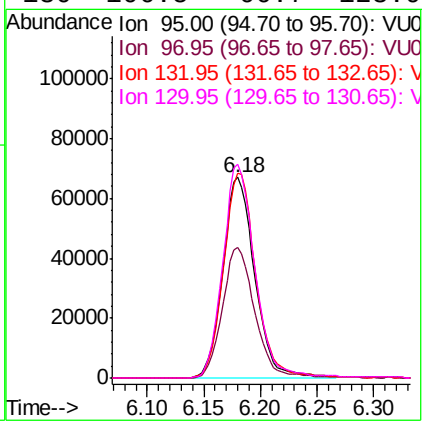


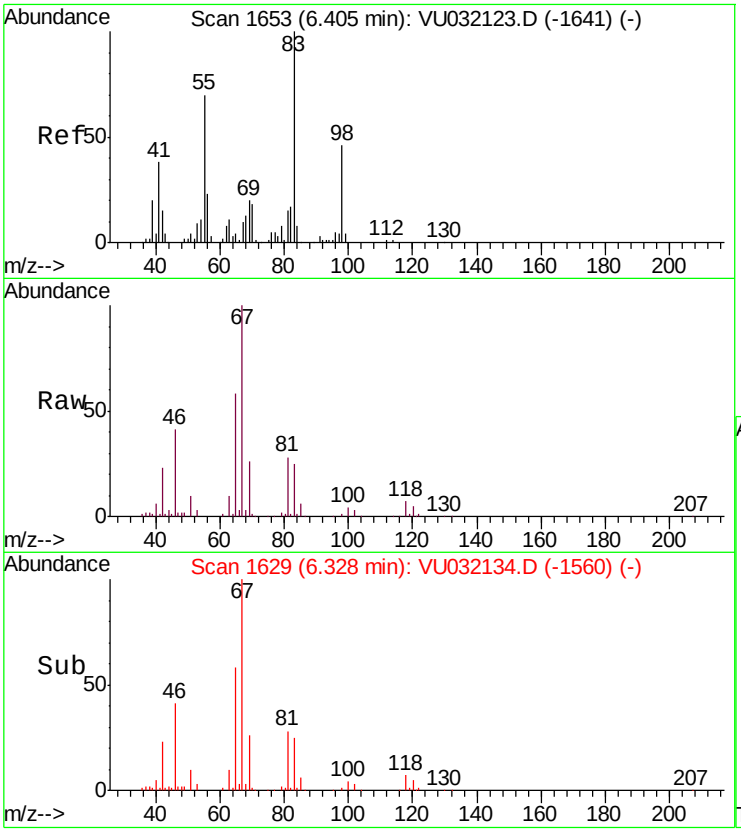


#34
Trichloroethene
Concen: 8.780 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Tgt Ion: 95 Resp: 131990

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.2	84.0
132	102.1	66.1	122.7
130	106.5	66.7	123.9



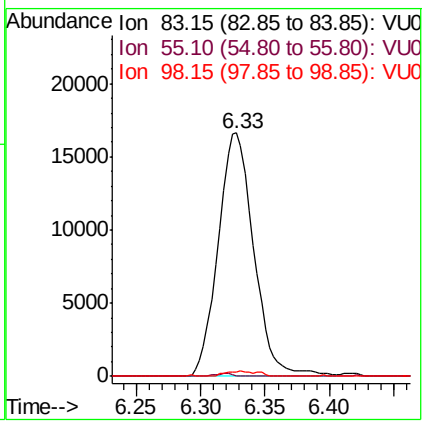


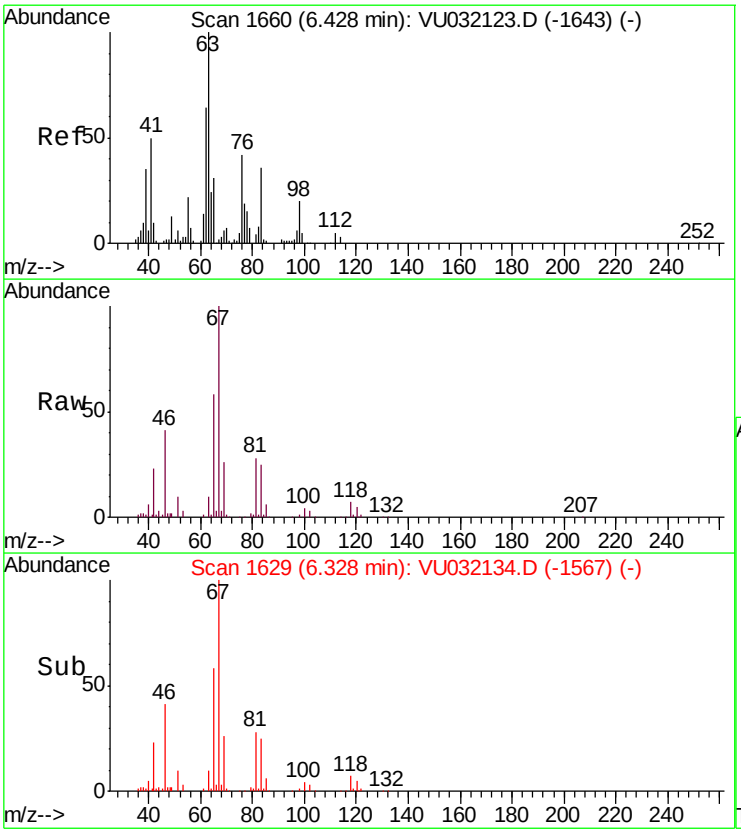
#35
Methylcyclohexane
Concen: 1.474 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Instrument :
MSVOA_U
ClientSampleId :
F9W36

Tgt Ion: 83 Resp: 31920

Ion	Ratio	Lower	Upper
83	100		
55	0.5	59.7	89.5#
98	1.5	36.8	55.2#

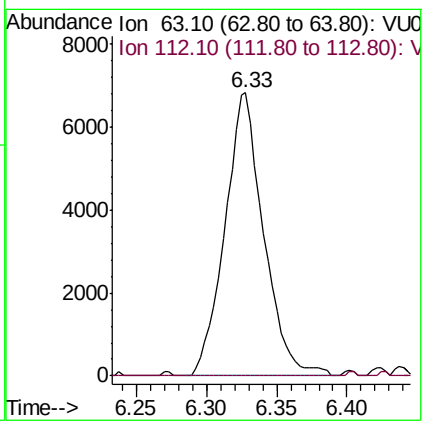


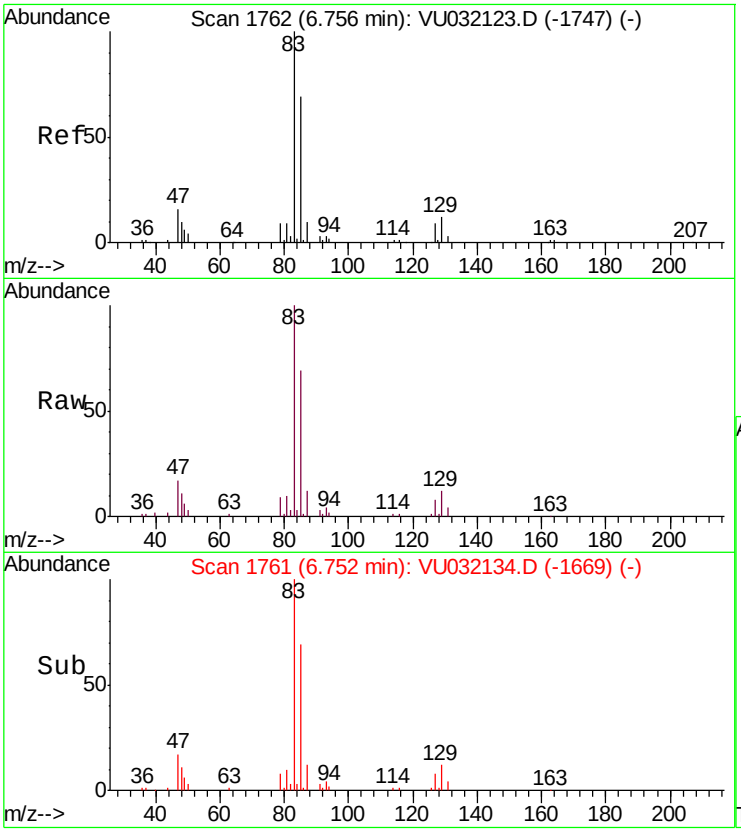


#37
1,2-Dichloropropane
Concen: 0.968 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Tgt Ion: 63 Resp: 13119

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.8	5.6#



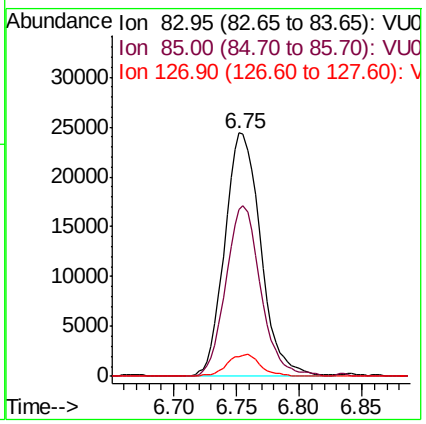


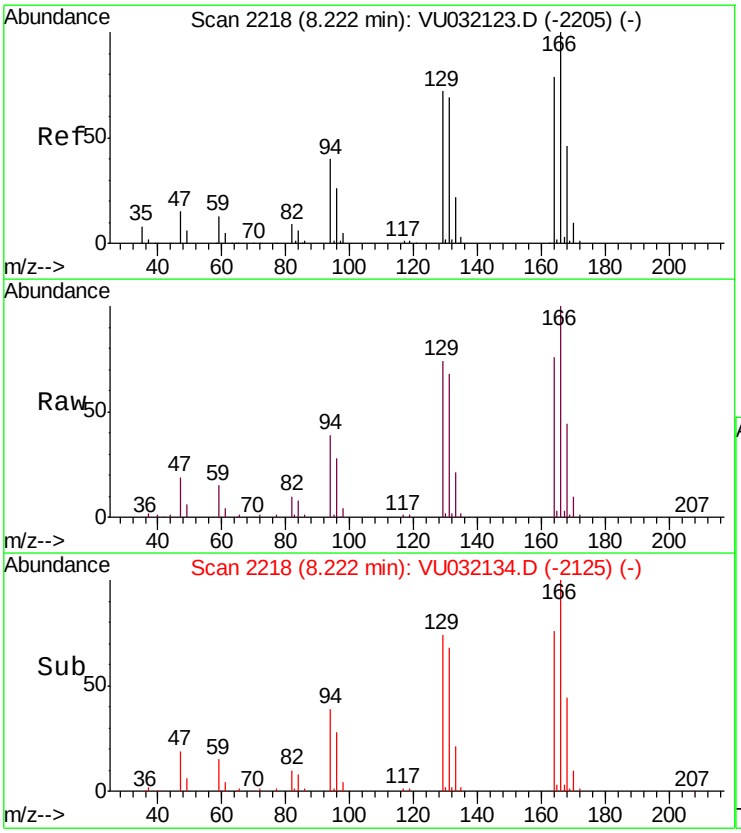
#38
Bromodichloromethane
Concen: 2.818 ug/L
RT: 6.75 min Scan# 1761
Delta R.T. -0.00 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Instrument :
MSVOA_U
ClientSampleId :
F9W36

Tgt Ion: 83 Resp: 48847

Ion	Ratio	Lower	Upper
83	100		
85	68.7	45.5	84.5
127	8.2	6.3	9.5

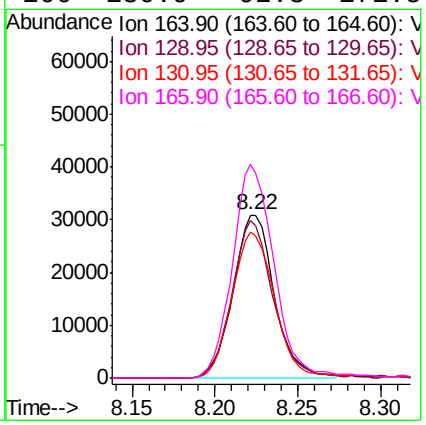


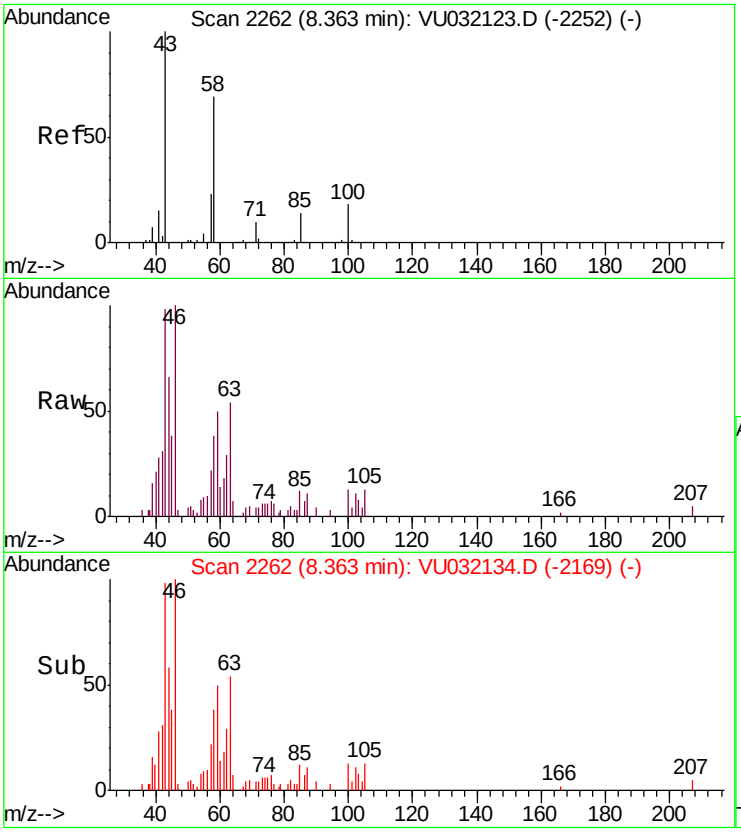


#47
Tetrachloroethene
Concen: 4.766 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Tgt Ion:164 Resp: 53562

Ion	Ratio	Lower	Upper
164	100		
129	96.7	70.3	130.5
131	89.4	64.5	119.9
166	130.9	92.3	171.5



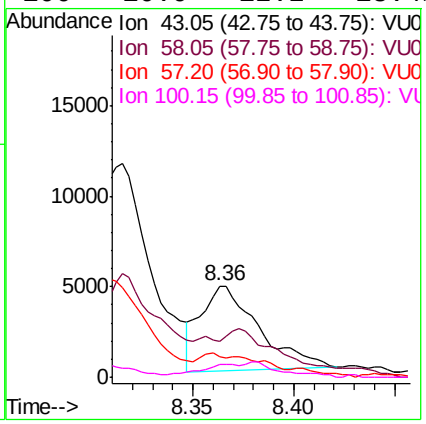


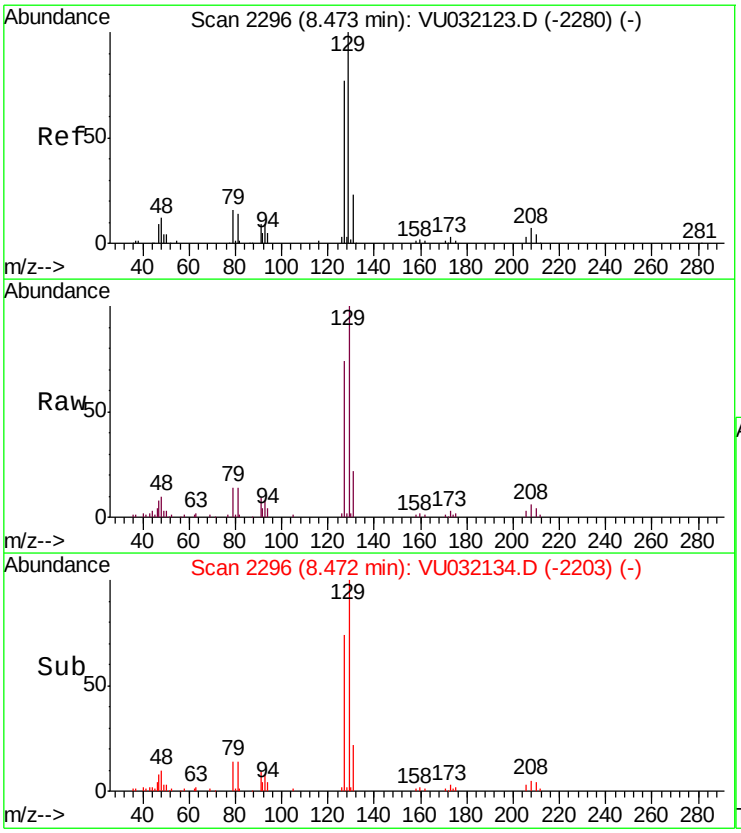
#48
2-Hexanone
Concen: 1.937 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Instrument : MSVOA_U
ClientSampleId : F9W36

Tgt Ion: 43 Resp: 9439

Ion	Ratio	Lower	Upper
43	100		
58	0.0	51.6	77.4#
57	0.0	18.4	27.6#
100	10.9	12.2	18.4#

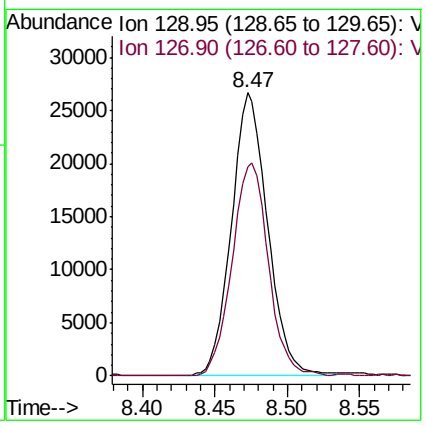


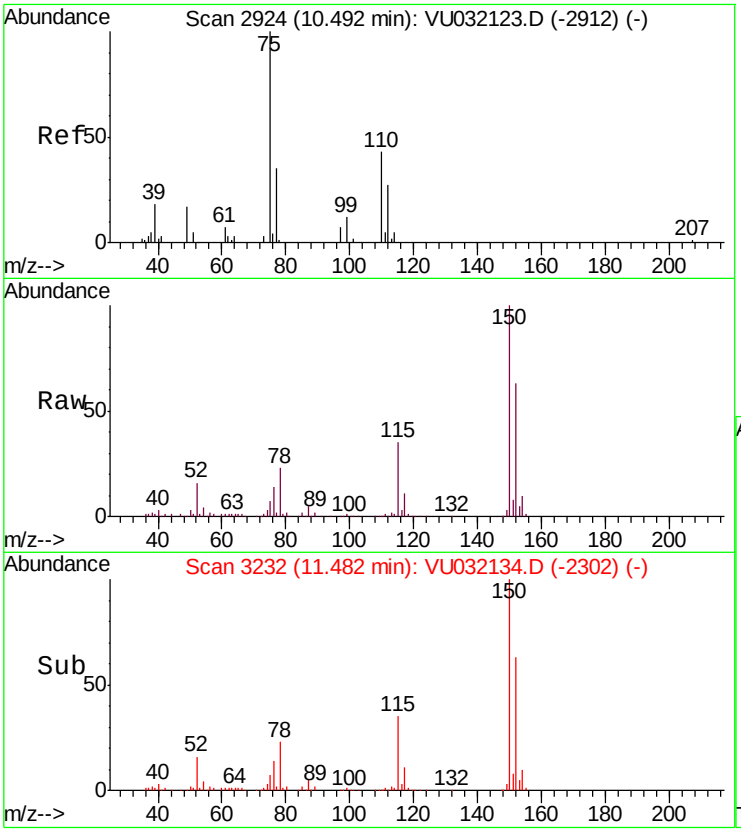


#49
Dibromochloromethane
Concen: 4.012 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Tgt Ion:129 Resp: 46284

Ion	Ratio	Lower	Upper
129	100		
127	74.0	55.2	102.6



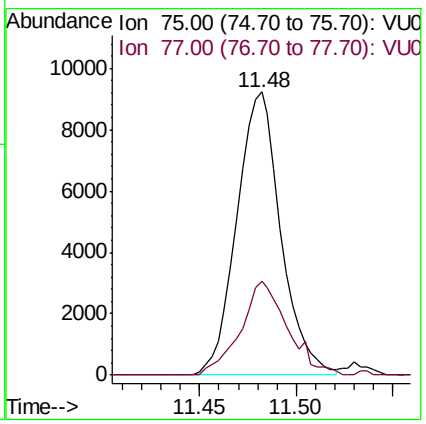


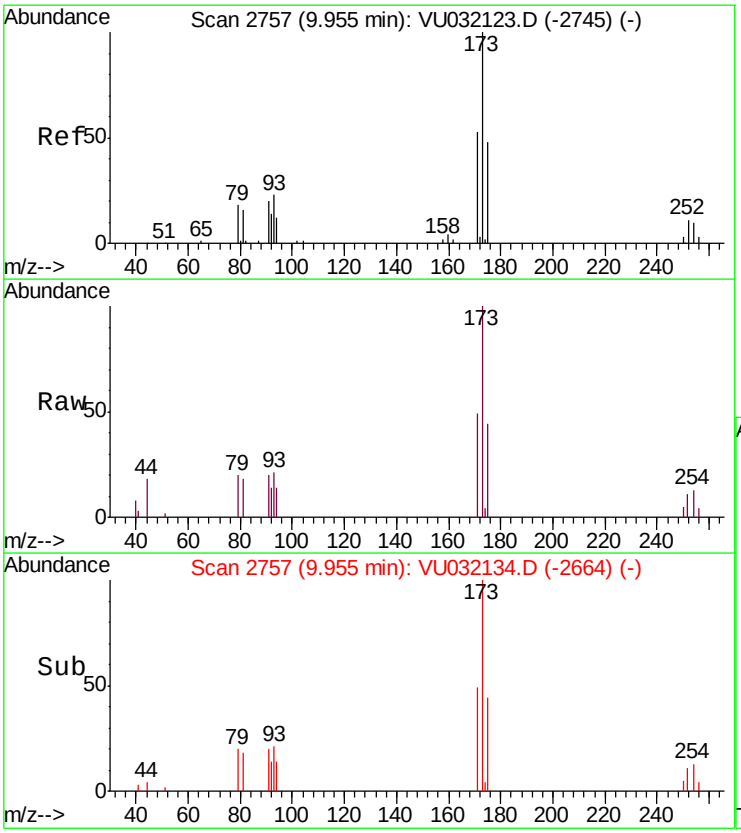
#59
1,2,3-Trichloropropane
Concen: 1.699 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Instrument : MSVOA_U
ClientSampleId : F9W36

Tgt Ion: 75 Resp: 14622

Ion	Ratio	Lower	Upper
75	100		
77	35.4	26.2	39.2





#61
Bromoform
Concen: 1.637 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU032134.D
Acq: 18 May 2019 05:51

Tgt Ion:173 Resp: 8993

Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.0	57.0
254	10.6	7.8	11.6