Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

Quantitation Report (Not Reviewed)

Data File : VU032942.D
Acq On : 21 Jun 2019 14:06
Operator : JC/SP
Sample : K3463-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-3-8.0-061919

Quant Time: Jun 22 00:37:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:32:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	190866	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	185185	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88154	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	51302	39.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.66%			
7) Chloroethane-d5	1.68	69	44425	42.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.40%			
11) 1,1-Dichloroethene-d2	2.26	63	78532	29.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.78%#			
21) 2-Butanone-d5	4.17	46	115934	106.78	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.78%			
24) Chloroform-d	4.64	84	117275	46.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.50%			
26) 1,2-Dichloroethane-d4	5.30	65	81693	48.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.72%			
32) Benzene-d6	5.34	84	217984	45.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.32%			
36) 1,2-Dichloropropane-d6	6.33	67	73222	47.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.22%			
41) Toluene-d8	7.56	98	191765	42.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.84%			
43) trans-1,3-Dichloropropene-	7.84	79	34856	43.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.14%			
47) 2-Hexanone-d5	8.31	63	69384	96.63	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.63%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	111705	46.99	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.98%			
64) 1,2-Dichlorobenzene-d4	11.86	152	79523	46.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.24%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	1612	0.930	ug/L #	12
8) Chloroethane	1.40	64	1408	1.411	ug/L #	6
12) 1,1-Dichloroethene	2.27	96	982	0.817	ug/L #	1
13) Acetone	2.32	43	918	0.612	ug/L	74
17) trans-1,2-Dichloroethene	2.98	96	1018	0.781	ug/L	84
20) cis-1,2-Dichloroethene	4.22	96	100421	70.723	ug/L	94
34) Trichloroethene	6.18	95	13005	9.124	ug/L	96
35) Methylcyclohexane	6.32	83	16943	7.690	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8650	5.911	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2596	1.139	ug/L #	57
44) trans-1,3-Dichloropropene	7.85	75	1840	0.859	ug/L	95
46) Tetrachloroethene	8.22	164	14298	12.242	ug/L	97
48) 2-Hexanone	8.36	43	3469	1.683	ug/L #	66
49) Dibromochloromethane	8.22	129	13306	8.104	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	11629	5.955	ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

Quantitation Report (Not Reviewed)

Data File : VU032942.D
Acq On : 21 Jun 2019 14:06
Operator : JC/SP
Sample : K3463-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : T11-MW-3-8.0-061919

Quant Time: Jun 22 00:37:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:32:21 2019
Response via : Initial Calibration

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

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

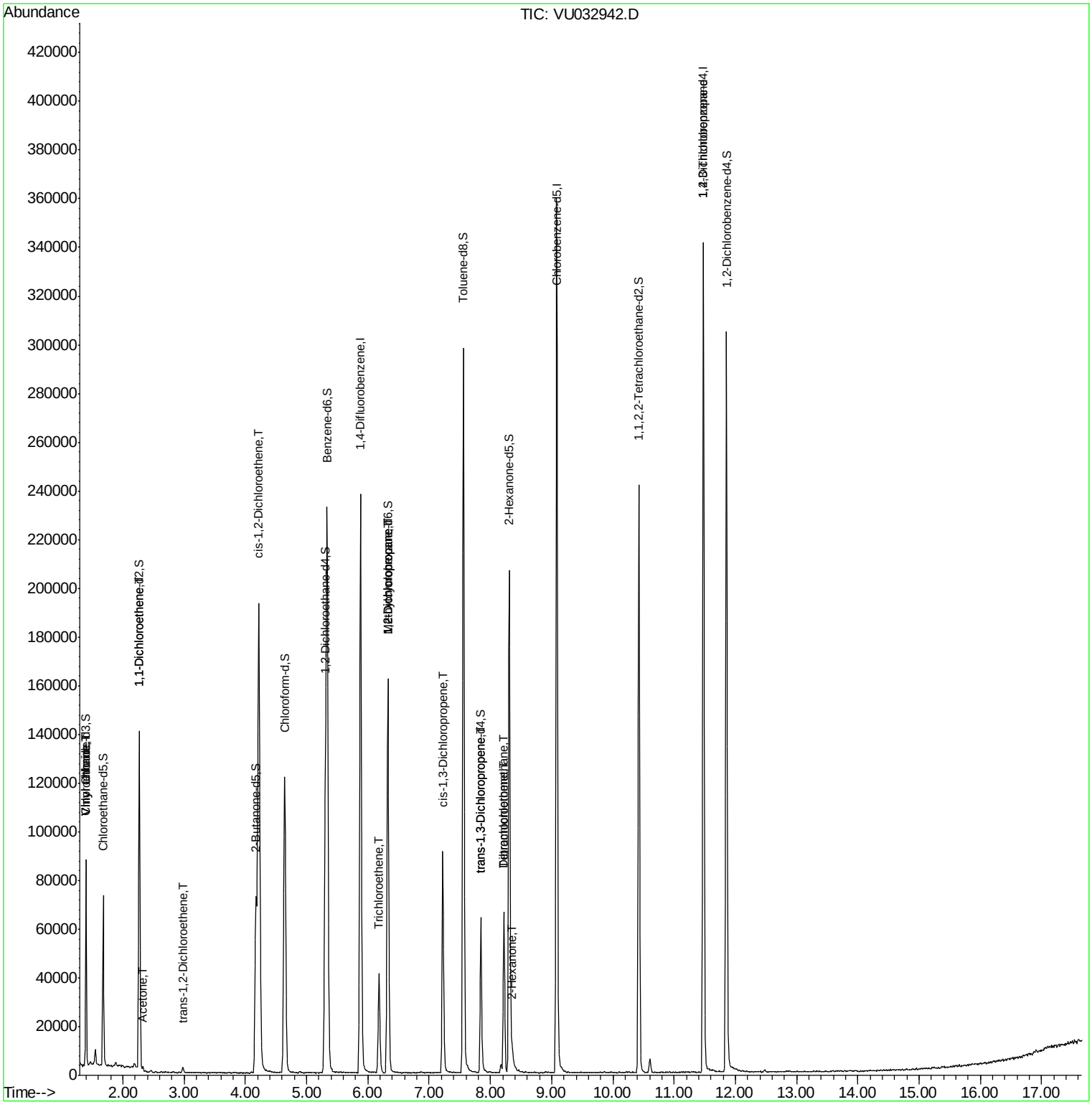
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\

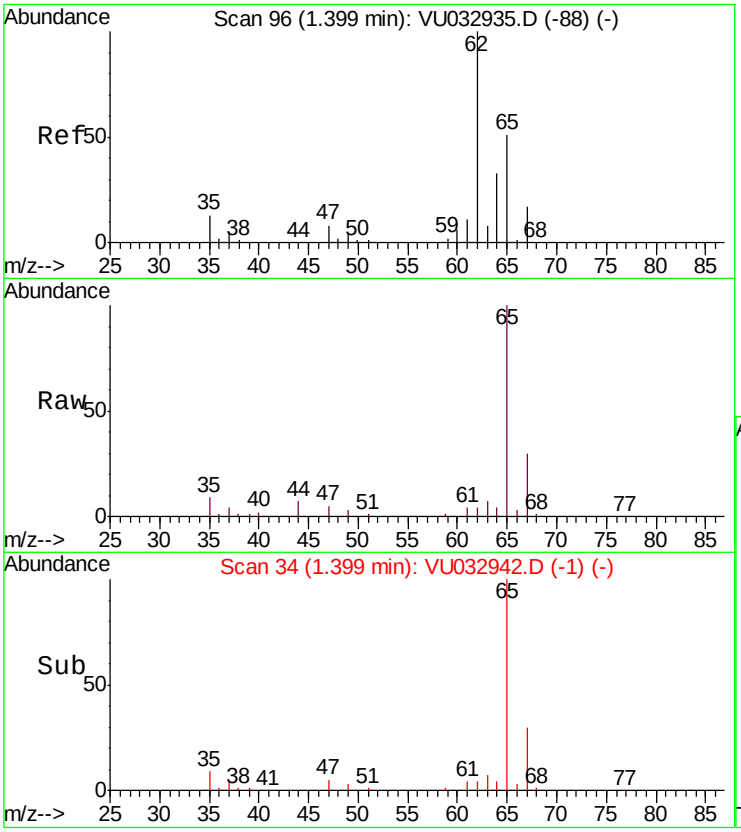
Quantitation Report (Not Reviewed)

Data File : VU032942.D
Acq On : 21 Jun 2019 14:06
Operator : JC/SP
Sample : K3463-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-3-8.0-061919

Quant Time: Jun 22 00:37:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:32:21 2019
Response via : Initial Calibration



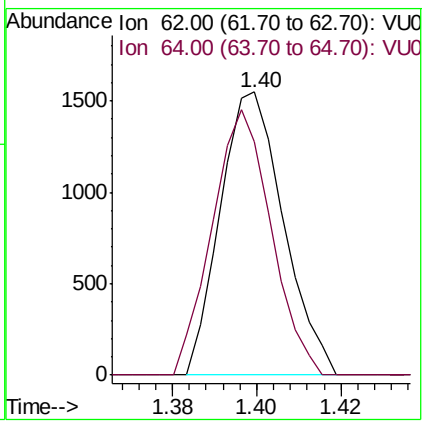


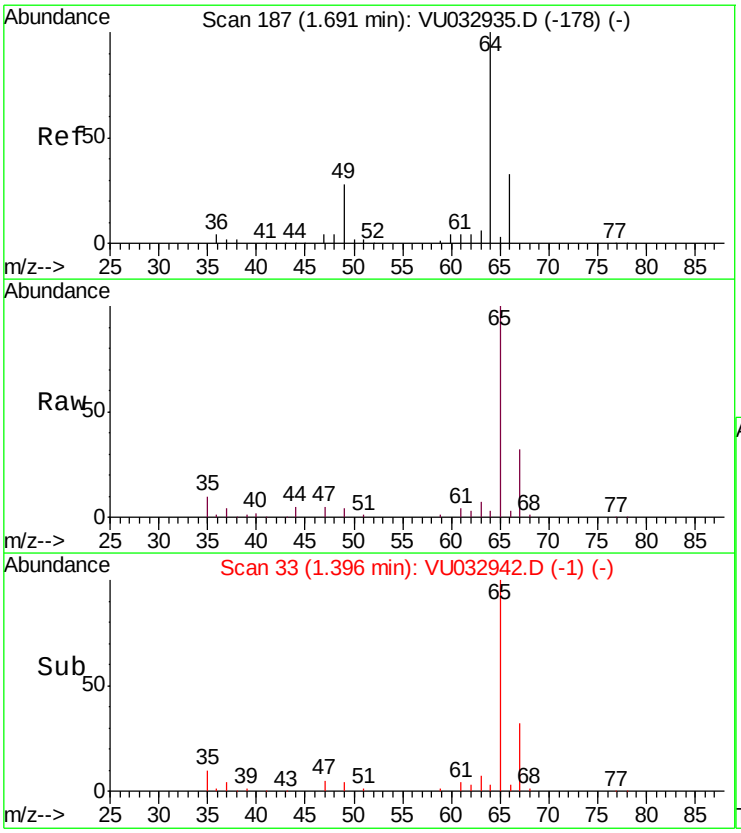
#5
Vinyl chloride
Concen: 0.930 ug/L
RT: 1.40 min Scan# 34
Delta R.T. 0.00 min
Lab File: VU032942.D
Acq: 21 Jun 2019 14:06

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-3-8.0-061919

Tgt Ion: 62 Resp: 1612

Ion	Ratio	Lower	Upper
62	100		
64	82.5	23.0	42.6#

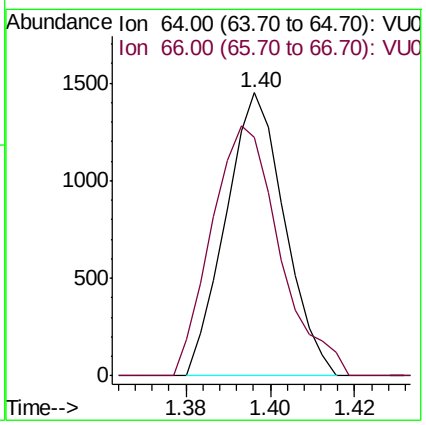


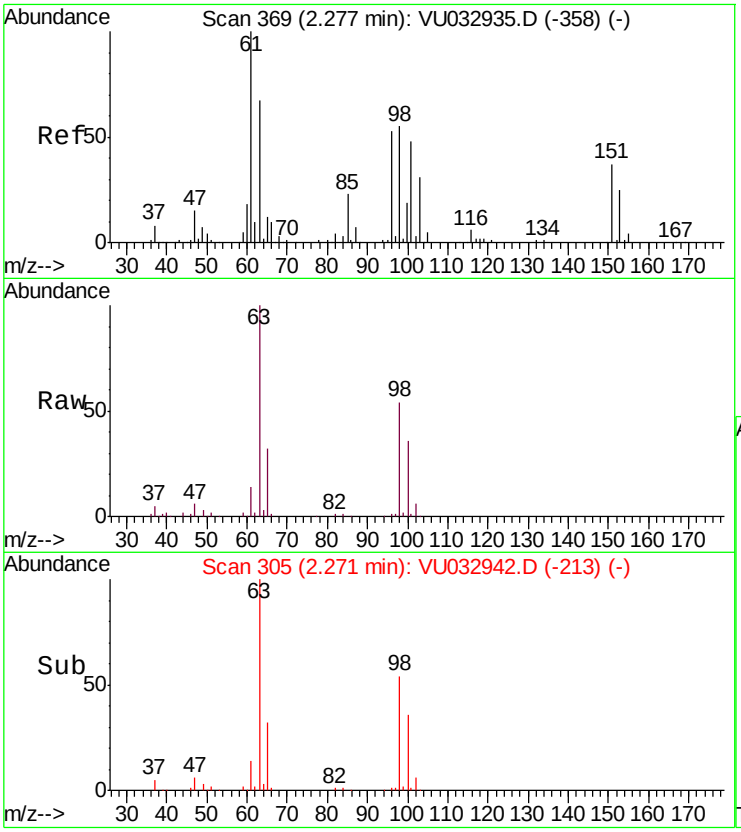


#8
Chloroethane
Concen: 1.411 ug/L
RT: 1.40 min Scan# 33
Delta R.T. -0.30 min
Lab File: VU032942.D
Acq: 21 Jun 2019 14:06

Tgt Ion: 64 Resp: 1408

Ion	Ratio	Lower	Upper
64	100		
66	84.3	22.5	41.7#



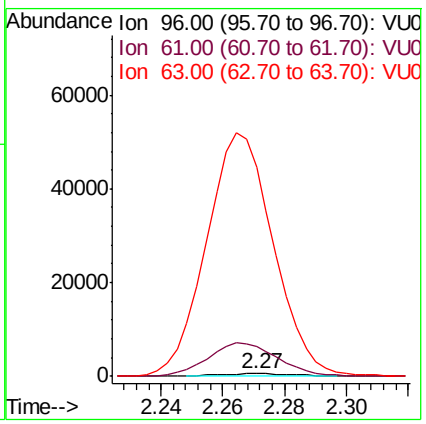


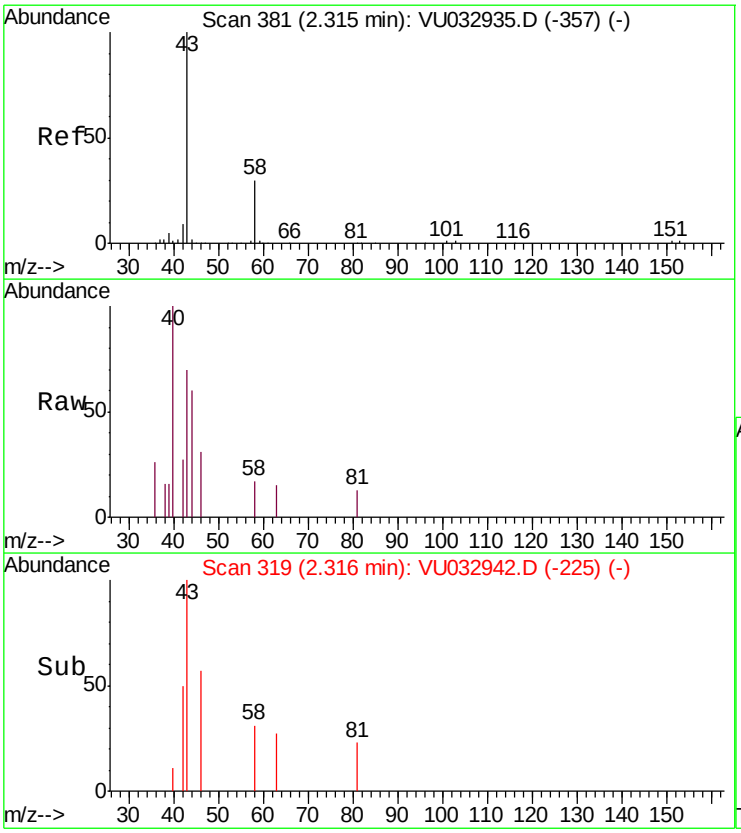
#12
1,1-Dichloroethene
Concen: 0.817 ug/L
RT: 2.27 min Scan# 305
Delta R.T. -0.01 min
Lab File: VU032942.D
Acq: 21 Jun 2019 14:06

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-3-8.0-061919

Tgt Ion: 96 Resp: 982

Ion	Ratio	Lower	Upper
96	100		
61	1117.8	131.0	243.4#
63	7862.9	101.0	187.6#

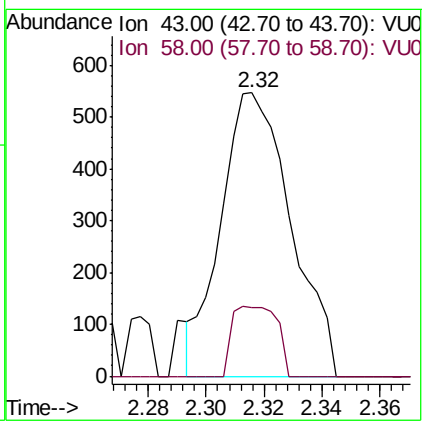


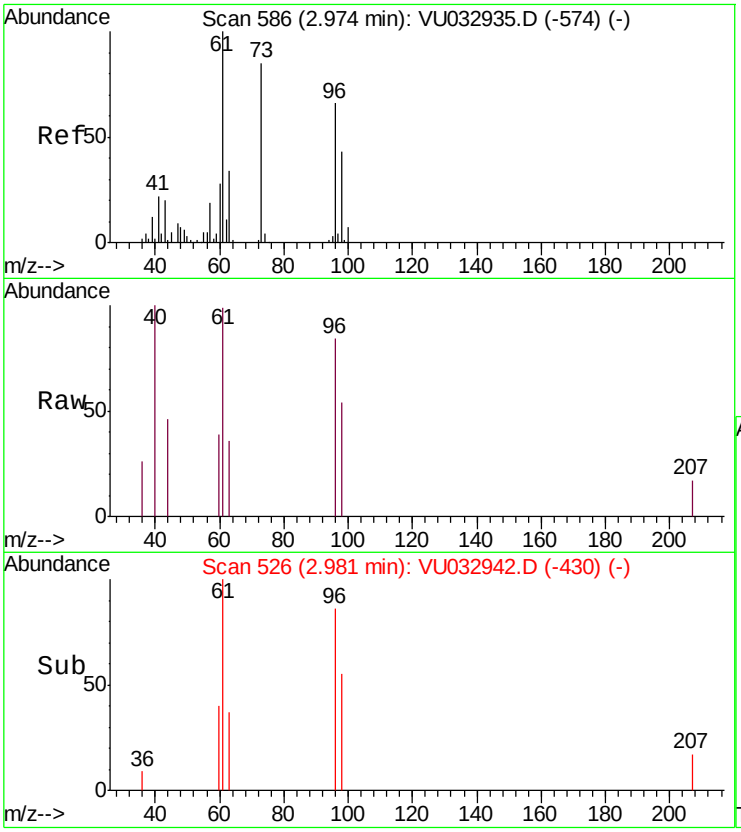


#13
Acetone
Concen: 0.612 ug/L
RT: 2.32 min Scan# 319
Delta R.T. 0.00 min
Lab File: VU032942.D
Acq: 21 Jun 2019 14:06

Tgt Ion: 43 Resp: 918

Ion	Ratio	Lower	Upper
43	100		
58	15.9	0.0	60.6



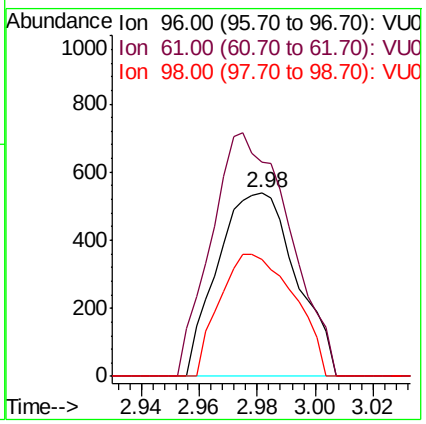


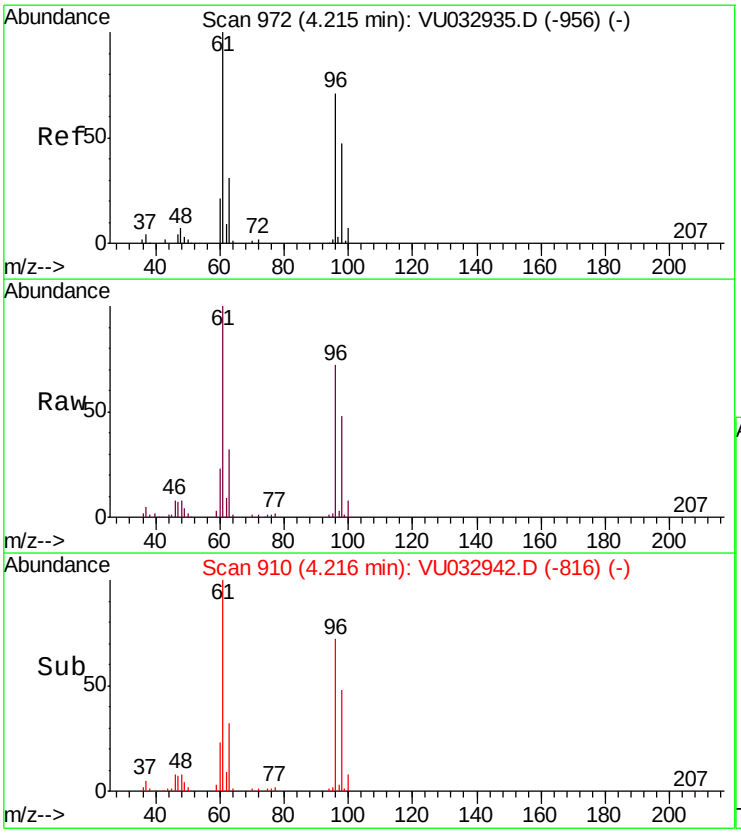
#17
trans-1,2-Dichloroethene
Concen: 0.781 ug/L
RT: 2.98 min Scan# 526
Delta R.T. 0.01 min
Lab File: VU032942.D
Acq: 21 Jun 2019 14:06

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-3-8.0-061919

Tgt Ion: 96 Resp: 1018

Ion	Ratio	Lower	Upper
96	100		
61	116.9	100.9	187.5
98	64.0	44.0	81.8

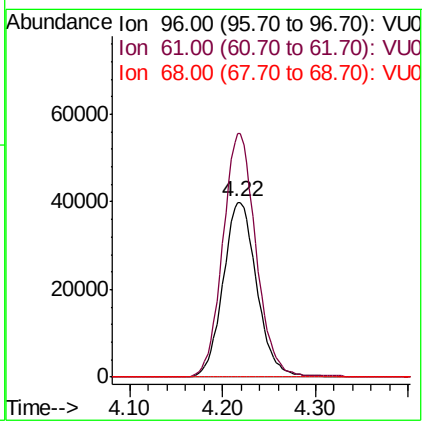


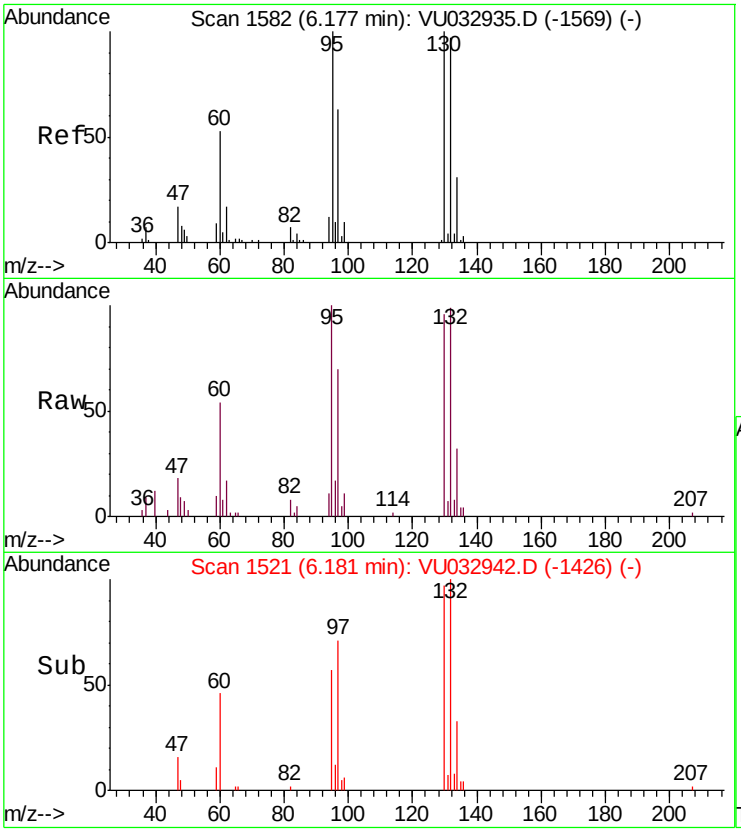


#20
cis-1,2-Dichloroethene
Concen: 70.723 ug/L
RT: 4.22 min Scan# 910
Delta R.T. 0.00 min
Lab File: VU032942.D
Acq: 21 Jun 2019 14:06

Tgt Ion: 96 Resp: 100421

Ion	Ratio	Lower	Upper
96	100		
61	139.0	92.4	171.6
68	0.0	0.0	0.0



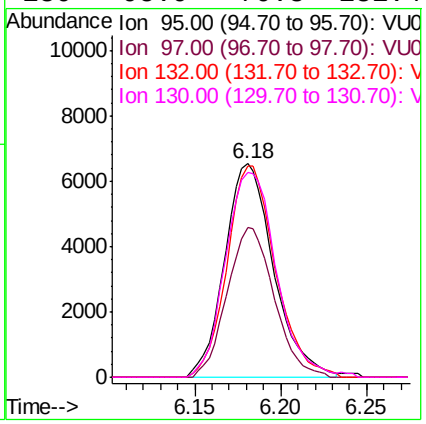


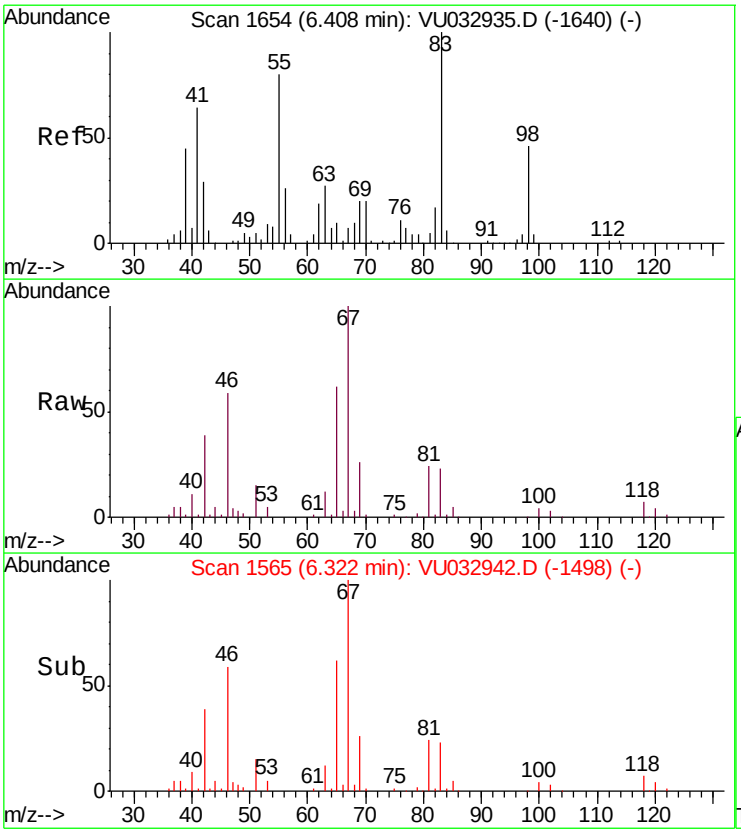
#34
Trichloroethene
Concen: 9.124 ug/L
RT: 6.18 min Scan# 1521
Delta R.T. 0.00 min
Lab File: VU032942.D
Acq: 21 Jun 2019 14:06

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-3-8.0-061919

Tgt Ion: 95 Resp: 13005

Ion	Ratio	Lower	Upper
95	100		
97	70.0	45.9	85.3
132	99.2	68.5	127.3
130	95.9	70.8	131.4

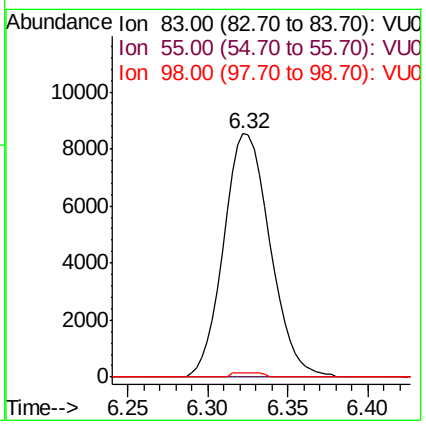


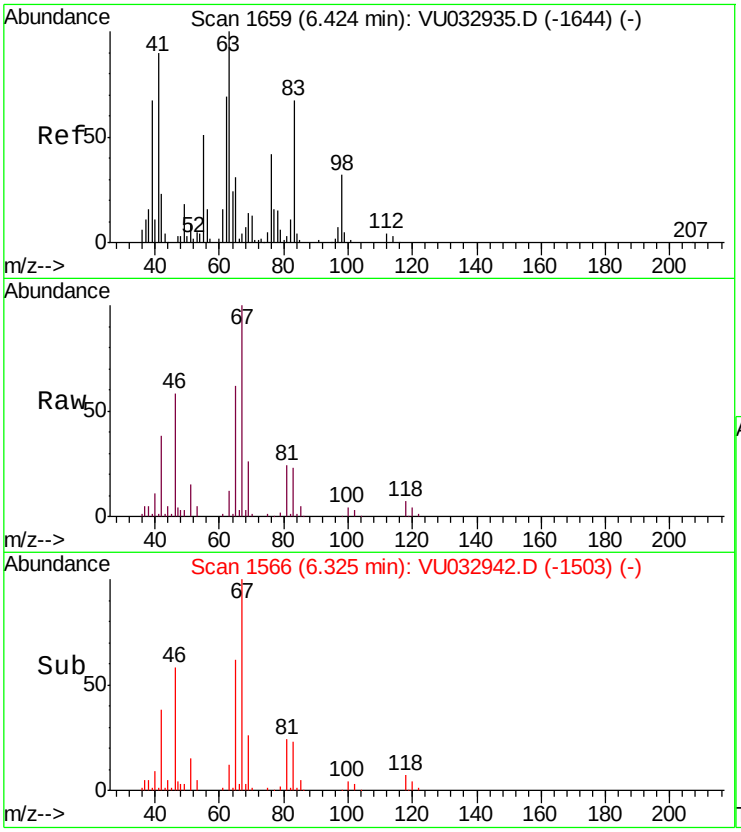


#35
Methylcyclohexane
Concen: 7.690 ug/L
RT: 6.32 min Scan# 1565
Delta R.T. -0.09 min
Lab File: VU032942.D
Acq: 21 Jun 2019 14:06

Tgt Ion: 83 Resp: 16943

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.2	37.4	56.0#



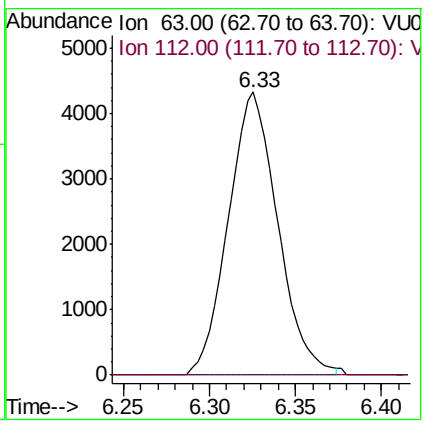


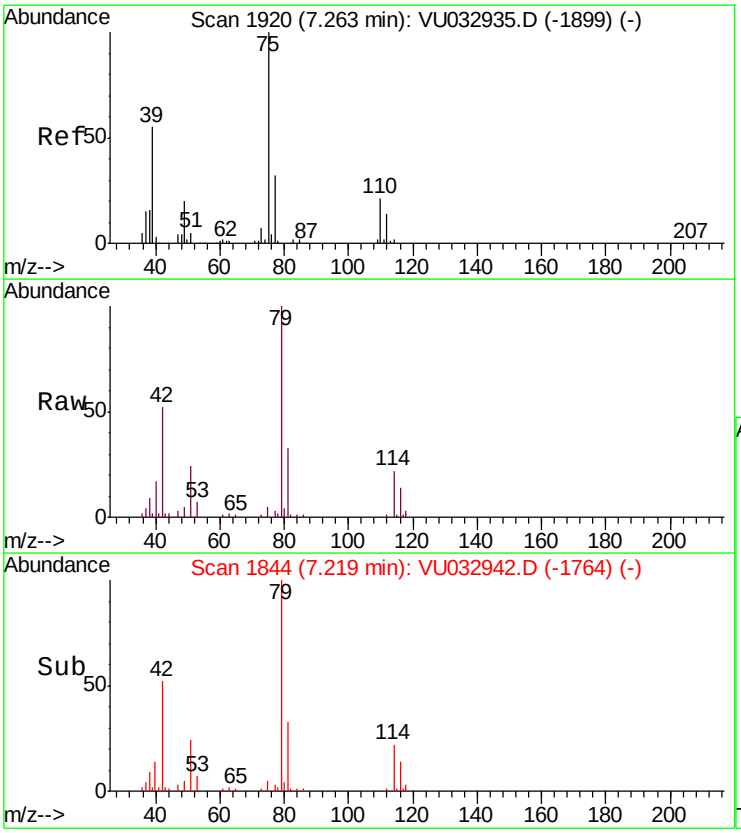
#37
1,2-Dichloropropane
Concen: 5.911 ug/L
RT: 6.33 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VU032942.D
Acq: 21 Jun 2019 14:06

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-3-8.0-061919

Tgt Ion: 63 Resp: 8650

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

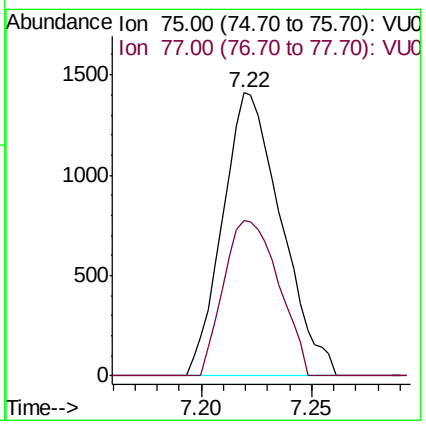


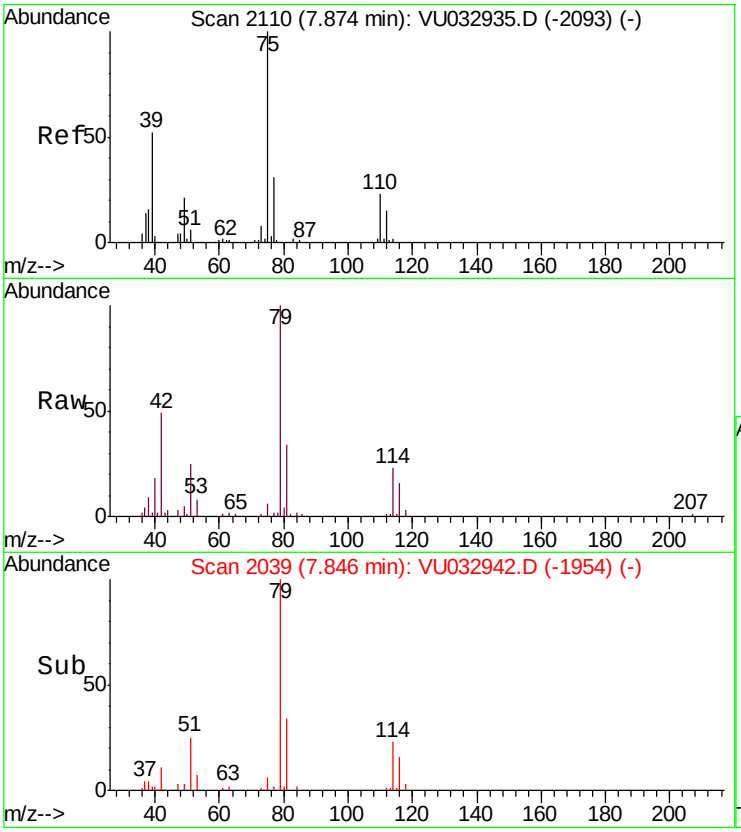


#39
cis-1,3-Dichloropropene
Concen: 1.139 ug/L
RT: 7.22 min Scan# 1844
Delta R.T. -0.04 min
Lab File: VU032942.D
Acq: 21 Jun 2019 14:06

Tgt Ion: 75 Resp: 2596

Ion	Ratio	Lower	Upper
75	100		
77	55.0	21.9	40.7#



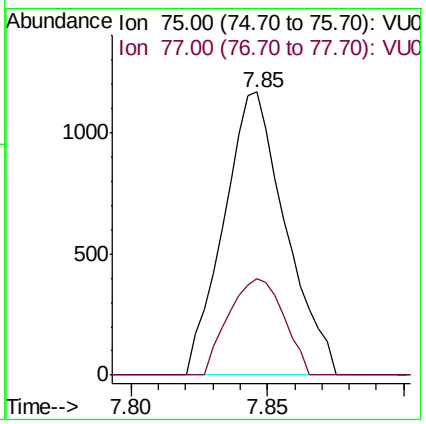


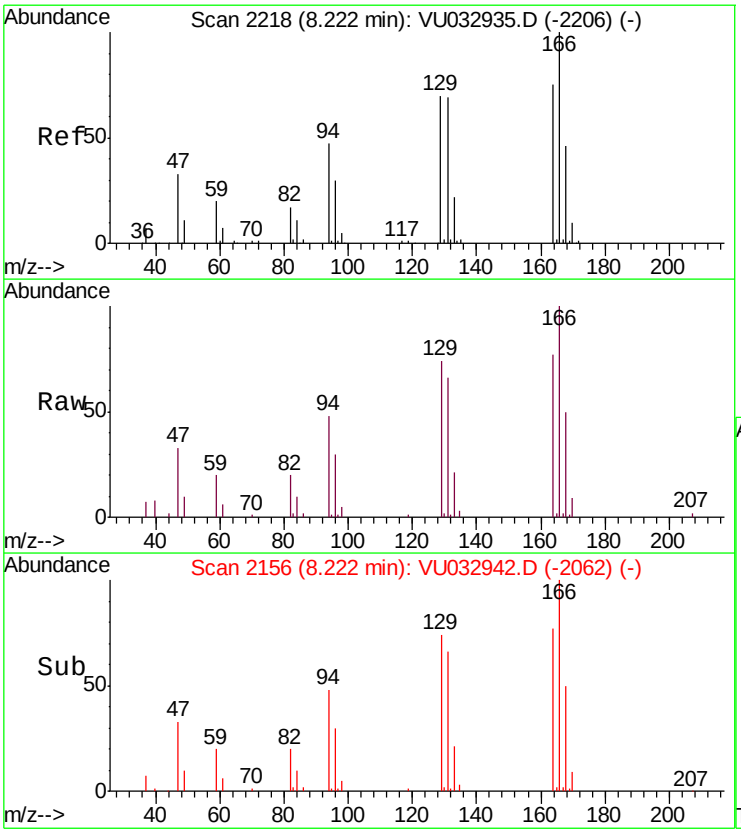
#44
trans-1,3-Dichloropropene
Concen: 0.859 ug/L
RT: 7.85 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VU032942.D
Acq: 21 Jun 2019 14:06

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-3-8.0-061919

Tgt Ion: 75 Resp: 1840

Ion	Ratio	Lower	Upper
75	100		
77	33.9	21.8	40.4

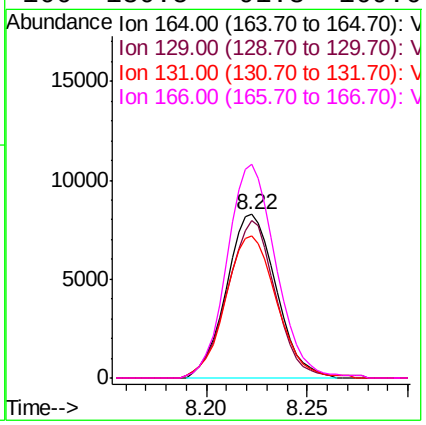


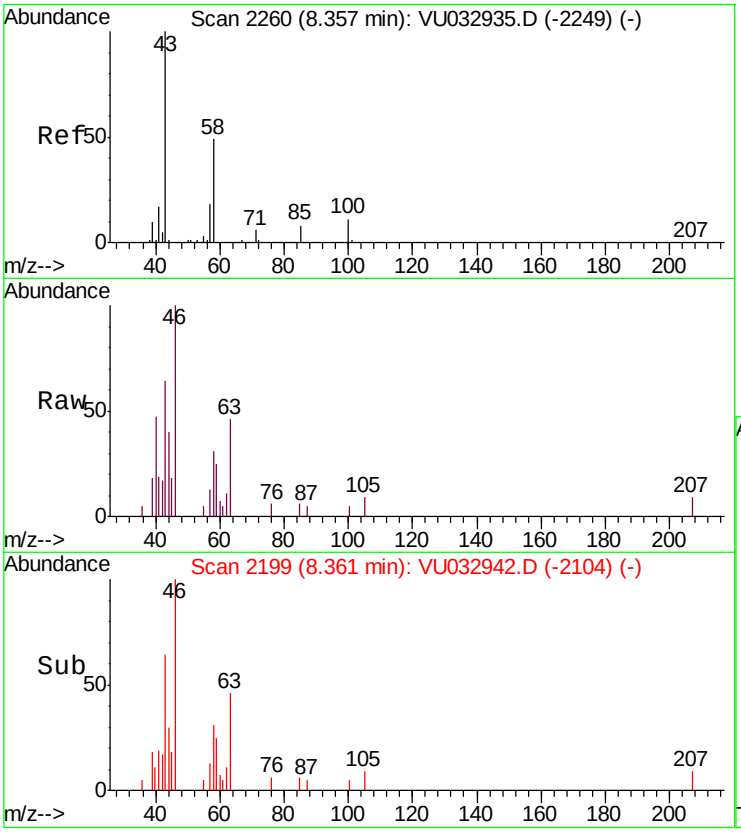


#46
Tetrachloroethene
Concen: 12.242 ug/L
RT: 8.22 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VU032942.D
Acq: 21 Jun 2019 14:06

Tgt Ion:164 Resp: 14298

Ion	Ratio	Lower	Upper
164	100		
129	96.3	64.8	120.3
131	86.8	64.5	119.7
166	130.5	91.3	169.6



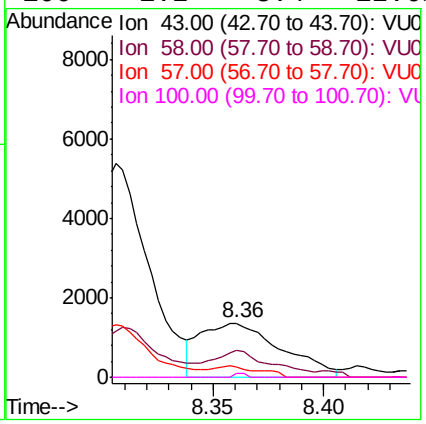


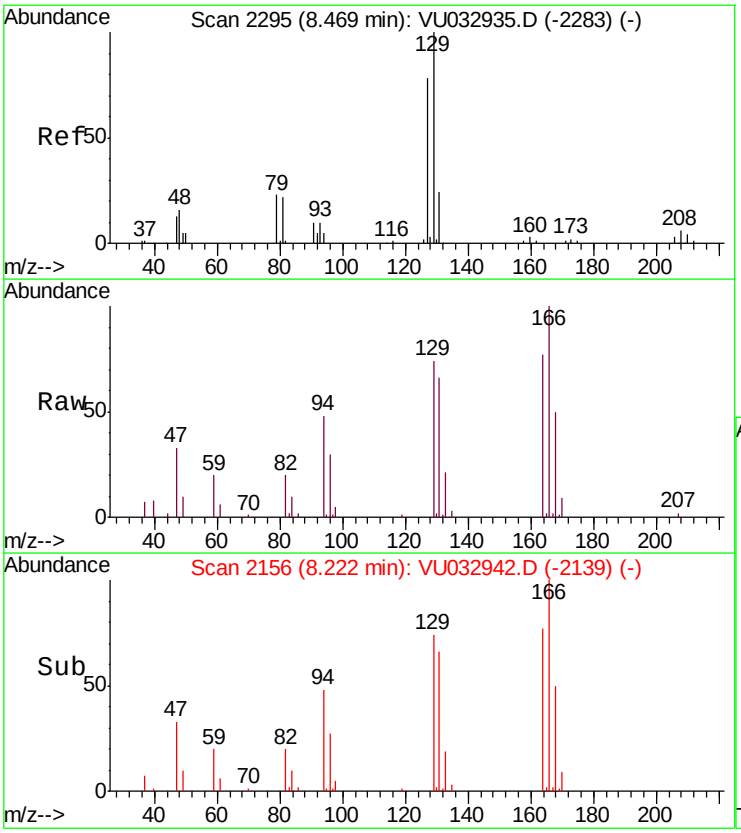
#48
2-Hexanone
Concen: 1.683 ug/L
RT: 8.36 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VU032942.D
Acq: 21 Jun 2019 14:06

Instrument : MSVOA_U
ClientSampleId : T11-MW-3-8.0-061919

Tgt Ion: 43 Resp: 3469

Ion	Ratio	Lower	Upper
43	100		
58	24.6	40.2	60.2#
57	3.4	14.2	21.4#
100	1.2	8.4	12.6#

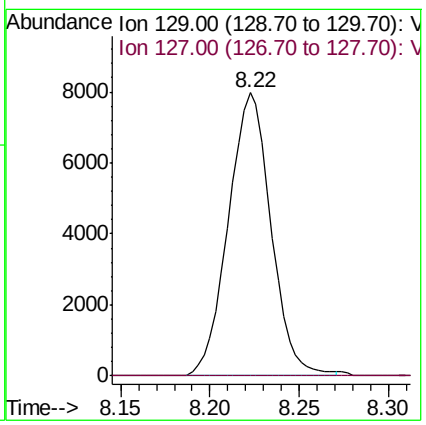


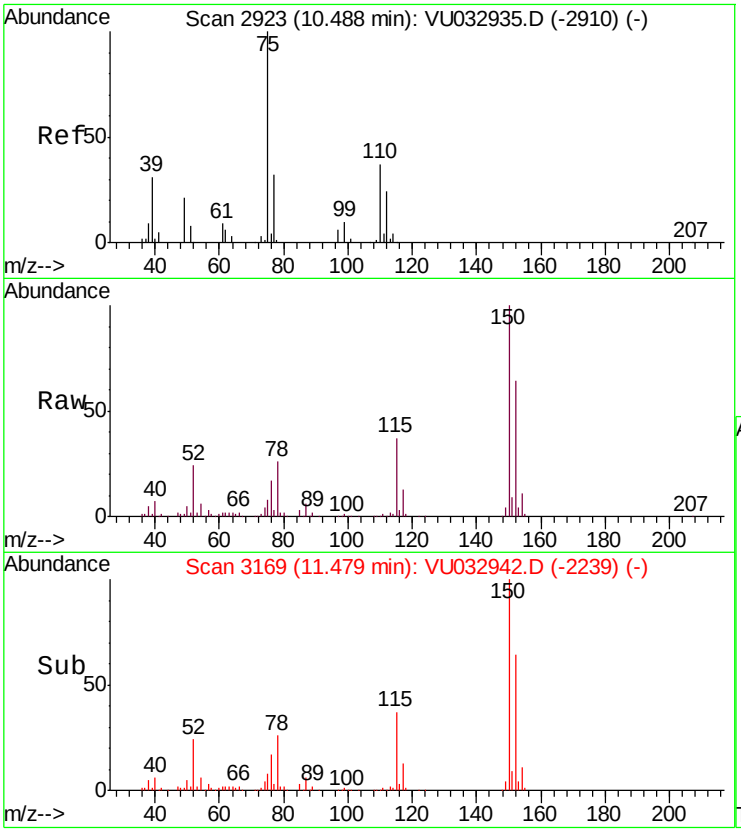


#49
Dibromochloromethane
Concen: 8.104 ug/L
RT: 8.22 min Scan# 2156
Delta R.T. -0.25 min
Lab File: VU032942.D
Acq: 21 Jun 2019 14:06

Tgt Ion:129 Resp: 13306

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#





#59
1,2,3-Trichloropropane
Concen: 5.955 ug/L
RT: 11.48 min Scan# 3169
Delta R.T. 0.99 min
Lab File: VU032942.D
Acq: 21 Jun 2019 14:06

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-3-8.0-061919

Tgt Ion: 75 Resp: 11629

Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.5	38.3