Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101419\

Quantitation Report (Not Reviewed)

Data File : VU035148.D
Acq On : 14 Oct 2019 14:23
Operator : JC/SP
Sample : K5311-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : P0002-STEELE-191007-01

Quant Time: Oct 15 07:09:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:04:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	161566	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.07	117	165785	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	61793	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	47599	4.98	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.60%				
7) Chloroethane-d5	1.68	69	45866	5.14	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.80%				
11) 1,1-Dichloroethene-d2	2.26	63	70179	3.49	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.80%				
20) 2-Butanone-d5	4.17	46	147013	52.27	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.54%				
24) Chloroform-d	4.63	84	91159	5.11	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%				
26) 1,2-Dichloroethane-d4	5.29	65	55118	5.15	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%				
32) Benzene-d6	5.32	84	183863	4.73	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%				
36) 1,2-Dichloropropane-d6	6.31	67	66424	5.11	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.20%				
41) Toluene-d8	7.55	98	152455	4.05	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.00%				
43) trans-1,3-Dichloropropene-	7.84	79	18964	4.06	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.20%				
46) 2-Hexanone-d5	8.31	63	100123	45.01	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.02%				
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56753	5.18	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.60%				
64) 1,2-Dichlorobenzene-d4	11.85	152	52222	5.01	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	8077	0.547	ug/L		99
3) Chloromethane	1.32	50	2781	0.172	ug/L		94
13) Acetone	2.31	43	7781	3.378	ug/L		98
16) Methylene chloride	2.69	84	959	0.075	ug/L		79
17) Methyl tert-butyl Ether	2.99	73	7549	0.267	ug/L		96
22) cis-1,2-Dichloroethene	4.20	96	41892	3.380	ug/L		89
25) Chloroform	4.65	83	7584	0.306	ug/L		95
34) Trichloroethene	6.16	95	38419	2.983	ug/L		96
35) Methylcyclohexane	6.31	83	14415	0.691	ug/L	#	18
37) 1,2-Dichloropropane	6.31	63	7425	0.551	ug/L	#	91
39) cis-1,3-Dichloropropene	7.21	75	1644	0.090	ug/L	#	78
47) Tetrachloroethene	8.21	164	43033	4.128	ug/L		93
48) 2-Hexanone	8.31	43	12403	2.134	ug/L	#	56
49) Dibromochloromethane	8.21	129	40715	3.938	ug/L	#	12
59) 1,2,3-Trichloropropane	11.47	75	7669	0.880	ug/L	#	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101419\

Quantitation Report (Not Reviewed)

Data File : VU035148.D
Acq On : 14 Oct 2019 14:23
Operator : JC/SP
Sample : K5311-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
P0002-STEELE-191007-01

Quant Time: Oct 15 07:09:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:04:39 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\VU101419\

Quantitation Report (Not Reviewed)

Data File : VU035148.D
Acq On : 14 Oct 2019 14:23
Operator : JC/SP
Sample : K5311-03
Misc : 25.0mL/MSVOA_U/WATER
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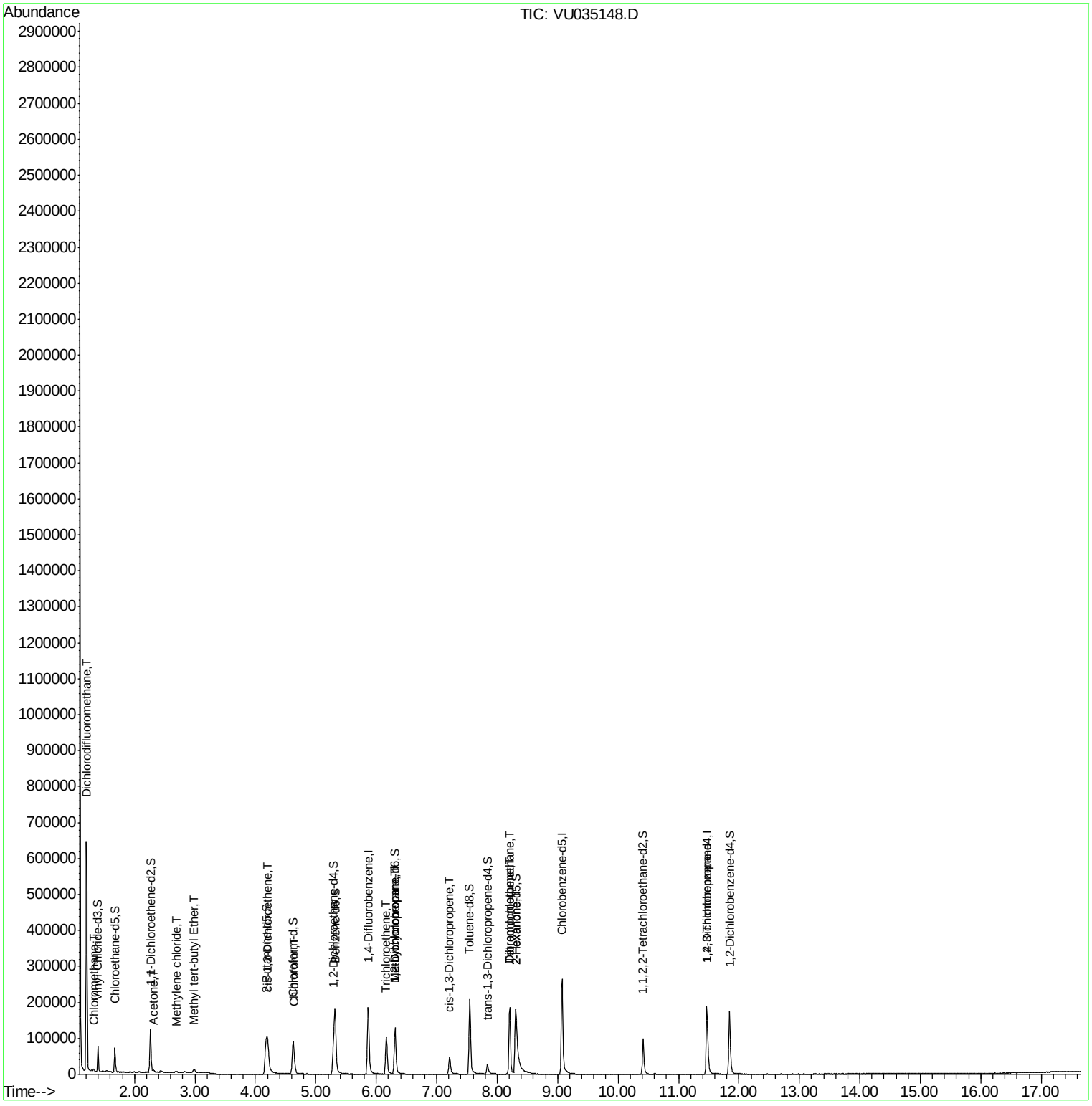
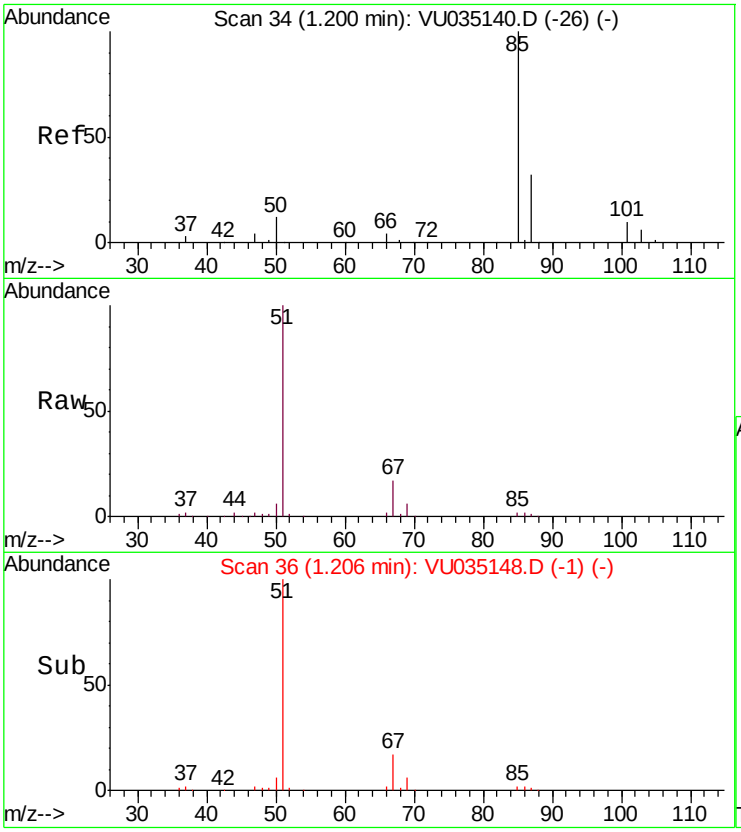
Instrument :
MSVOA_U
ClientSampleId :
P0002-STEELE-191007-01

Quant Time: Oct 15 07:09:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:04:39 2019
Response via : Initial Calibration

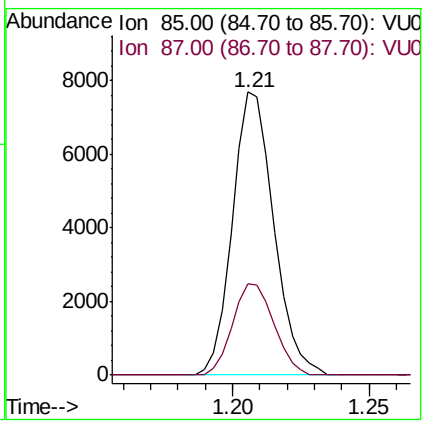




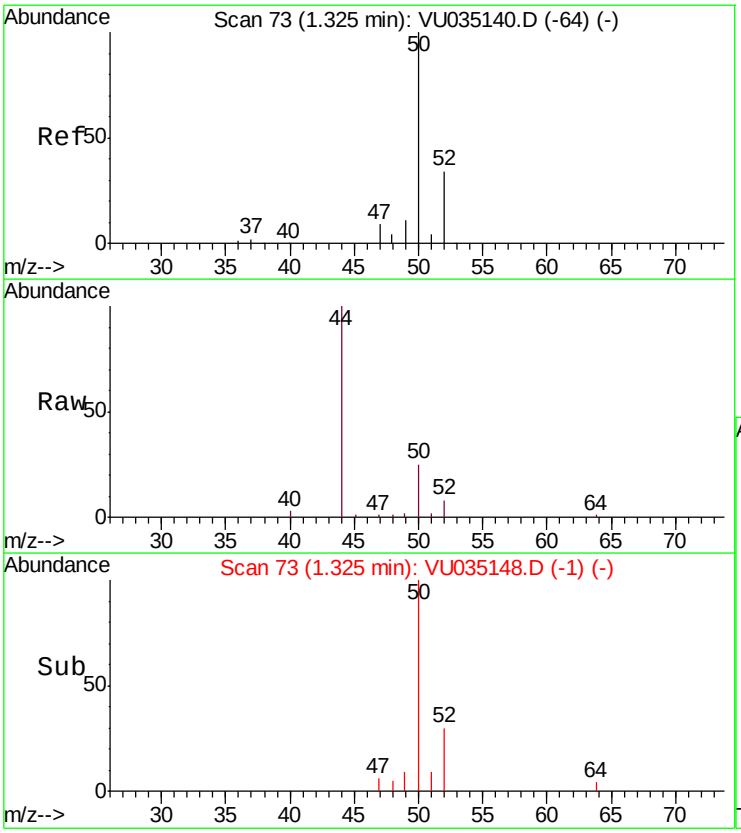
#2
Dichlorodifluoromethane
Concen: 0.547 ug/L
RT: 1.21 min Scan# 36
Delta R.T. 0.01 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Tgt Ion: 85 Resp: 8077

Ion	Ratio	Lower	Upper
85	100		
87	32.2	26.3	39.5



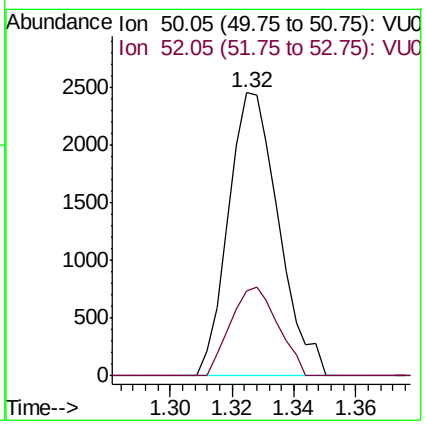
Instrument :
MSVOA_U
ClientSampleId :
P0002-STEELE-191007-01

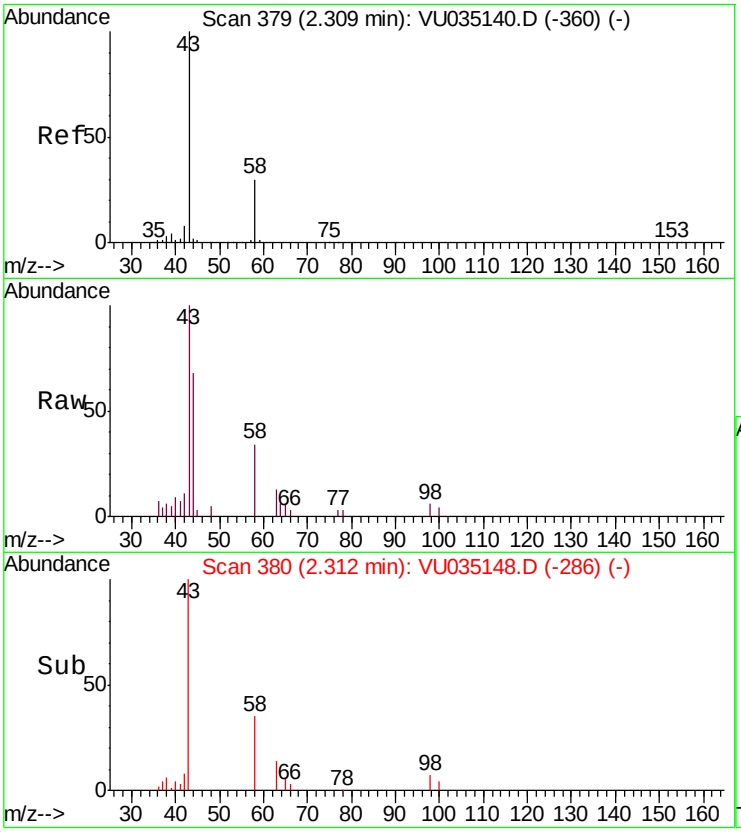


#3
Chloromethane
Concen: 0.172 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Tgt Ion: 50 Resp: 2781

Ion	Ratio	Lower	Upper
50	100		
52	29.8	23.3	43.3



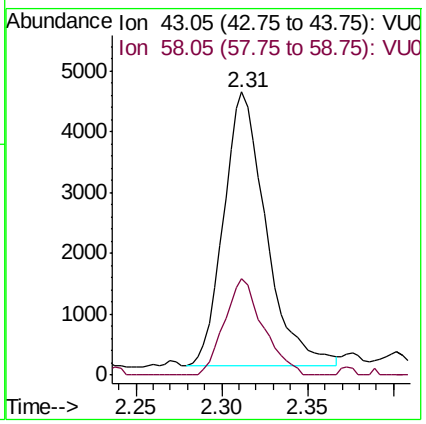


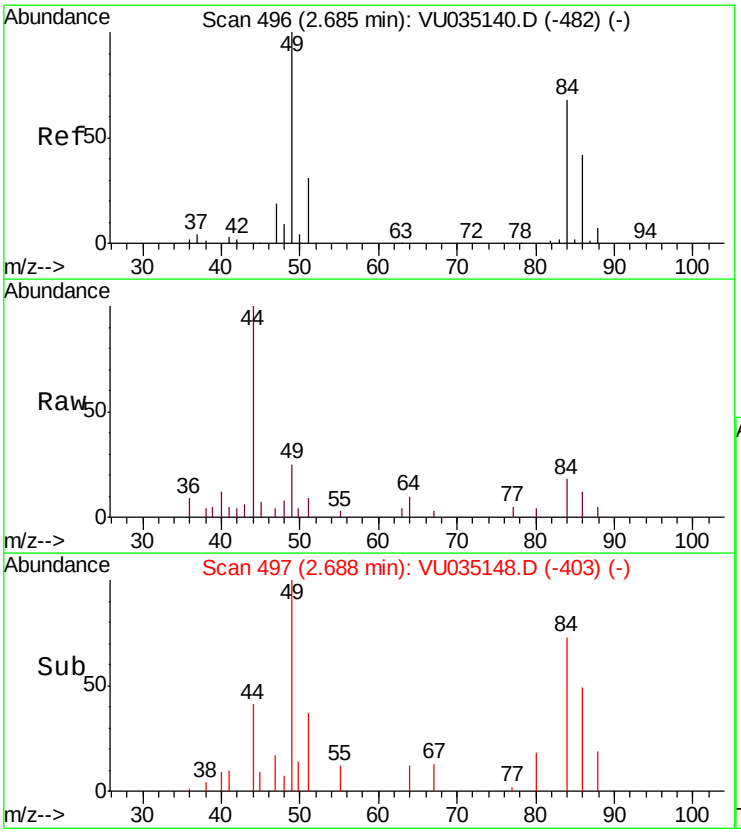
#13
Acetone
Concen: 3.378 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
P0002-STEELE-191007-01

Tgt Ion: 43 Resp: 7781

Ion	Ratio	Lower	Upper
43	100		
58	32.0	0.0	66.6

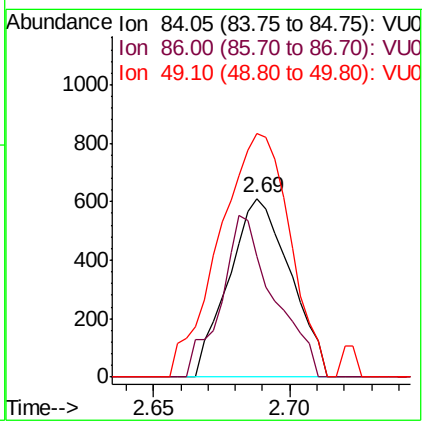


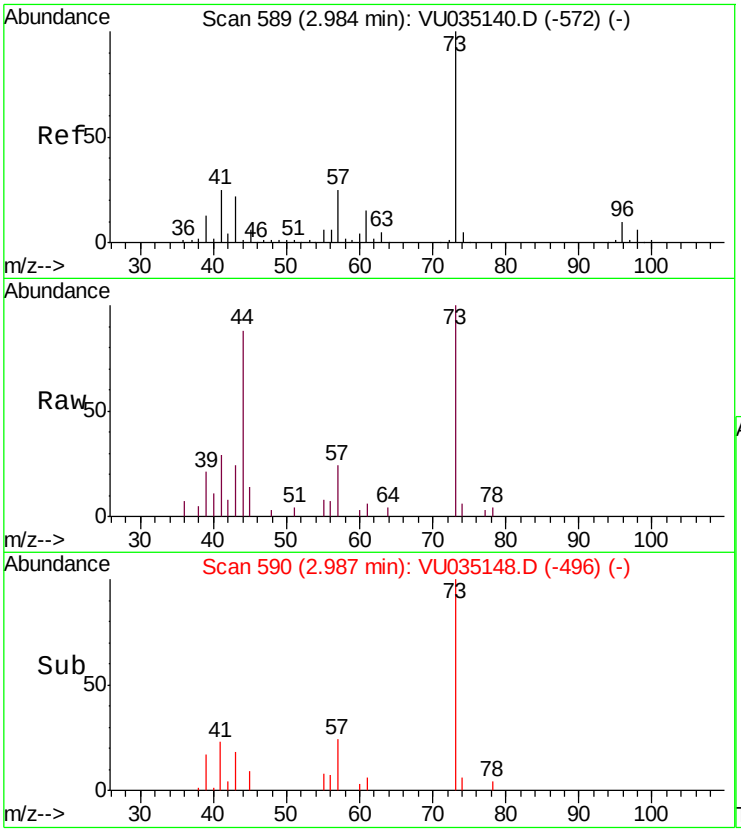


#16
Methylene chloride
Concen: 0.075 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Tgt Ion: 84 Resp: 959

Ion	Ratio	Lower	Upper
84	100		
86	67.2	42.5	78.9
49	155.6	86.9	161.3



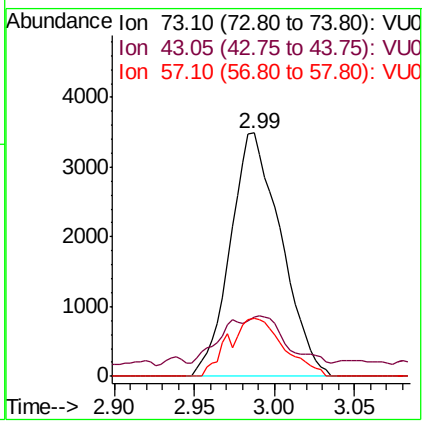


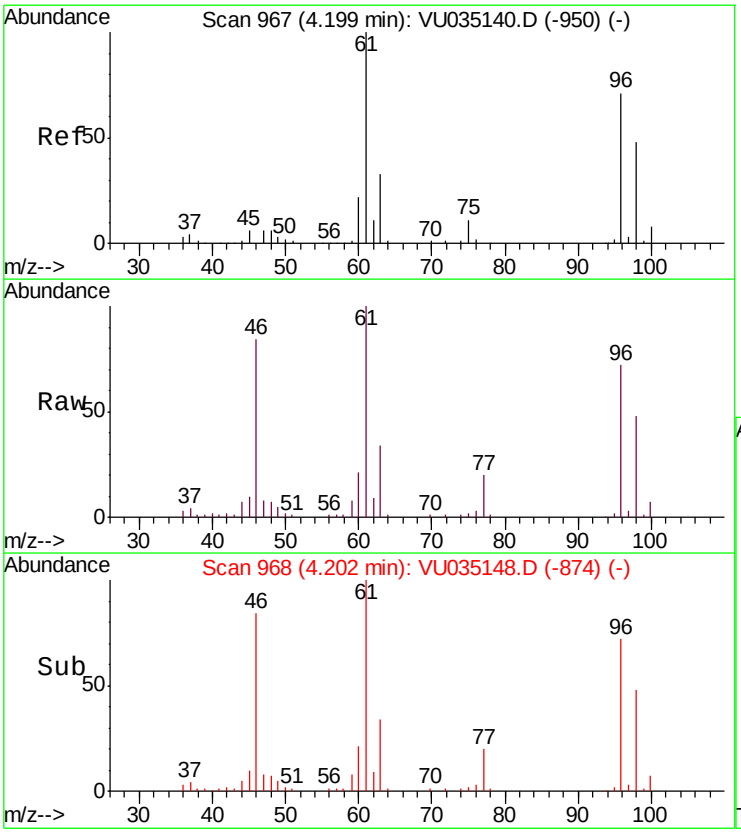
#17
Methyl tert-butyl Ether
Concen: 0.267 ug/L
RT: 2.99 min Scan# 590
Delta R.T. 0.00 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
P0002-STEELE-191007-01

Tgt Ion: 73 Resp: 7549

Ion	Ratio	Lower	Upper
73	100		
43	19.6	16.3	24.5
57	20.7	18.6	28.0

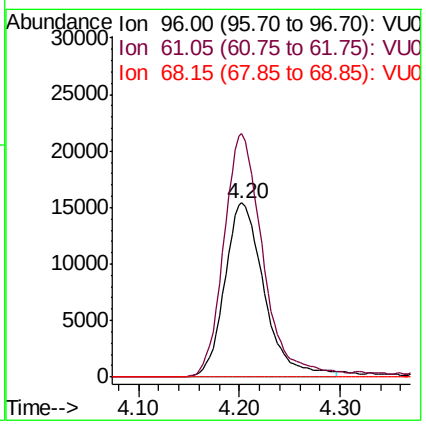


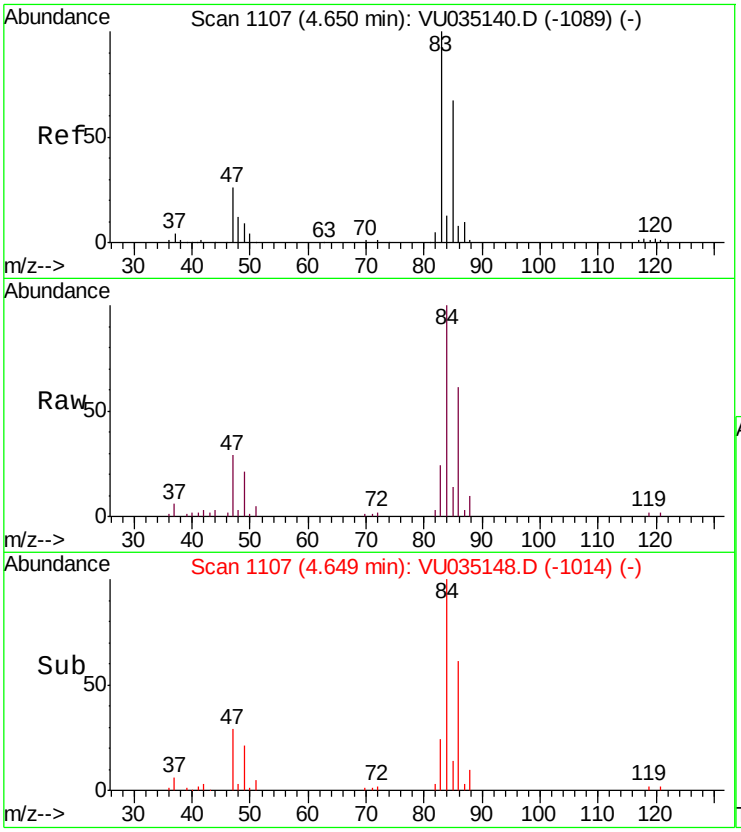


#22
cis-1,2-Dichloroethene
Concen: 3.380 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Tgt Ion: 96 Resp: 41892

Ion	Ratio	Lower	Upper
96	100		
61	139.8	89.2	165.6
68	0.0	0.0	0.0



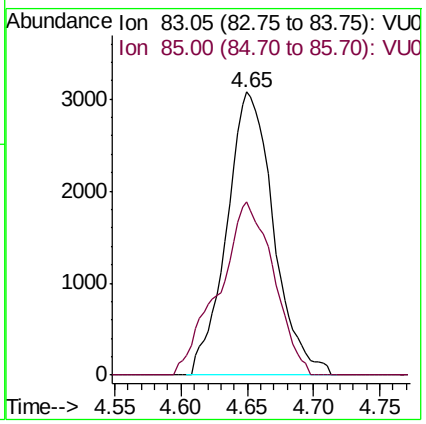


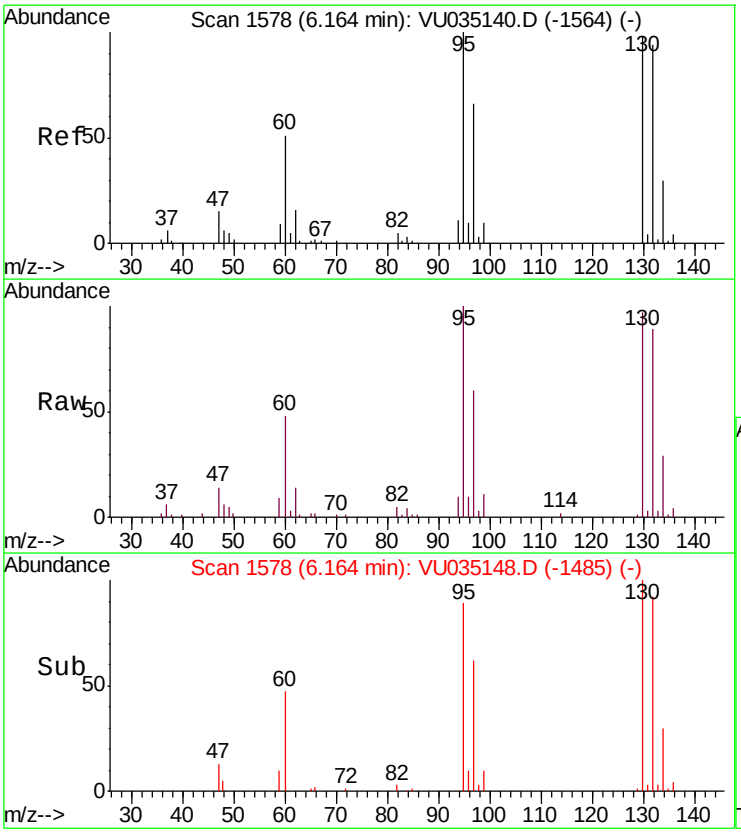
#25
Chloroform
Concen: 0.306 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
P0002-STEELE-191007-01

Tgt Ion: 83 Resp: 7584

Ion	Ratio	Lower	Upper
83	100		
85	61.1	45.4	84.4

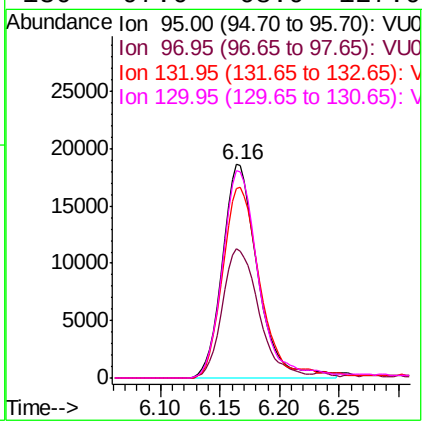


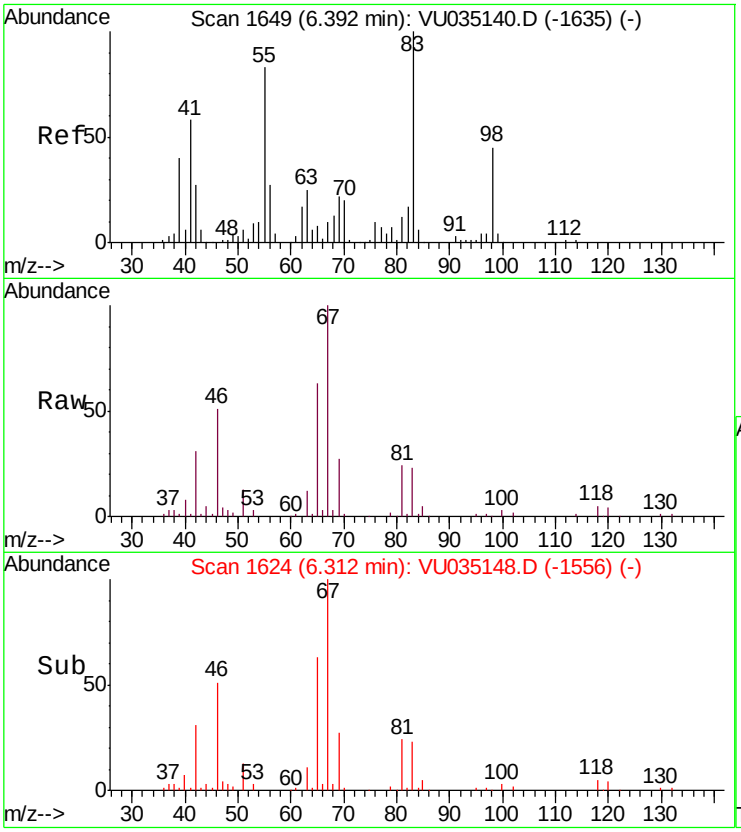


#34
Trichloroethene
Concen: 2.983 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Tgt Ion: 95 Resp: 38419

Ion	Ratio	Lower	Upper
95	100		
97	60.4	44.5	82.7
132	88.9	66.6	123.8
130	97.0	68.9	127.9



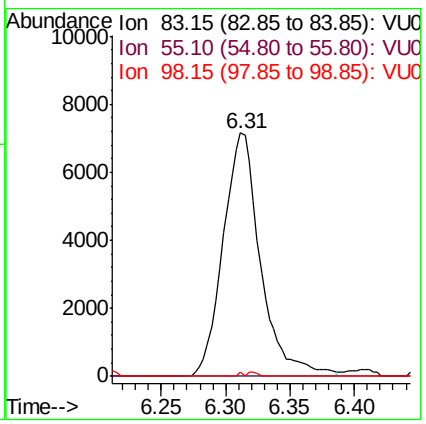


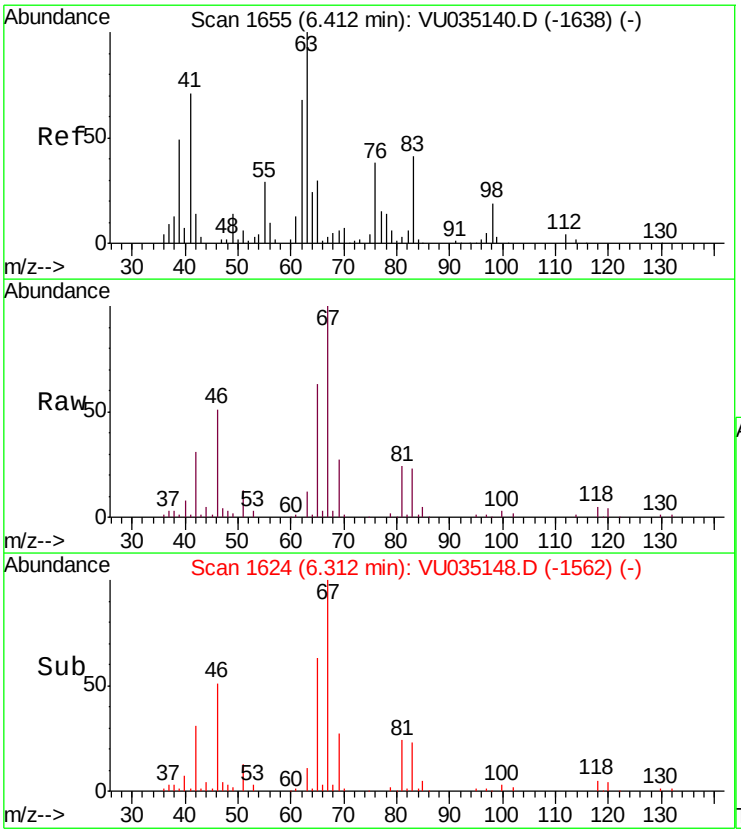
#35
Methylcyclohexane
Concen: 0.691 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
P0002-STEELE-191007-01

Tgt Ion: 83 Resp: 14415

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.6	36.2	54.2#

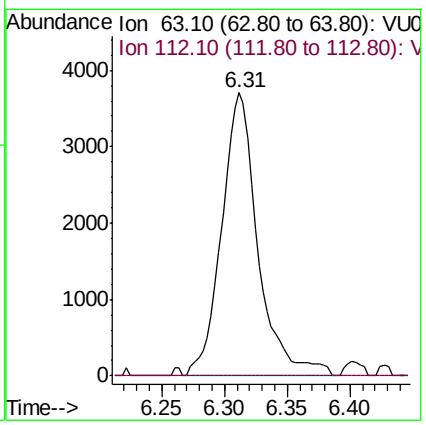


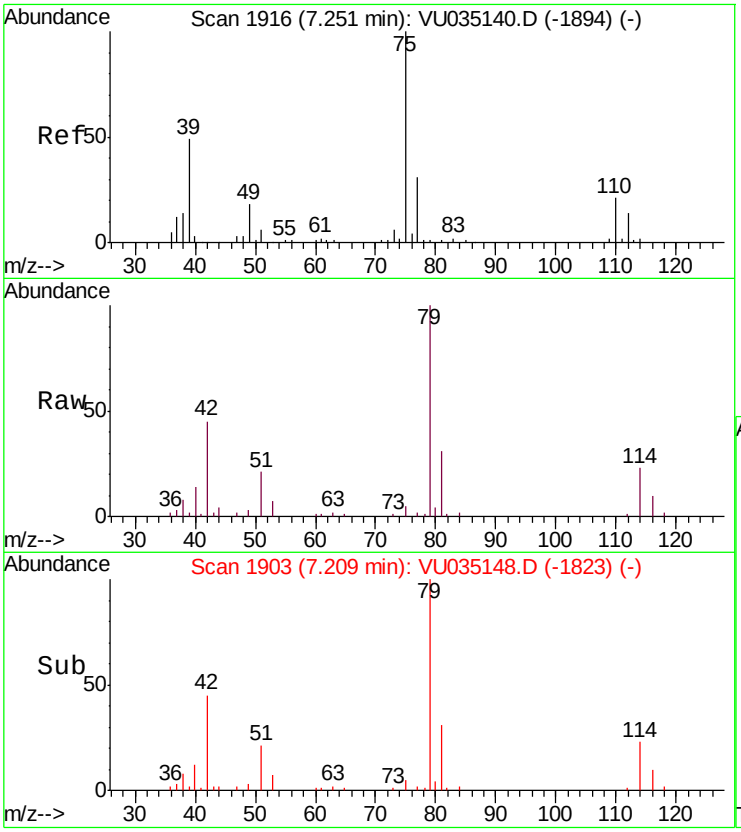


#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Tgt Ion: 63 Resp: 7425

Ion	Ratio	Lower	Upper
63	100		
112	0.9	3.1	4.7#



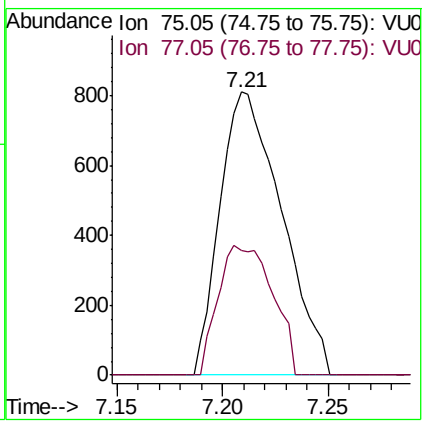


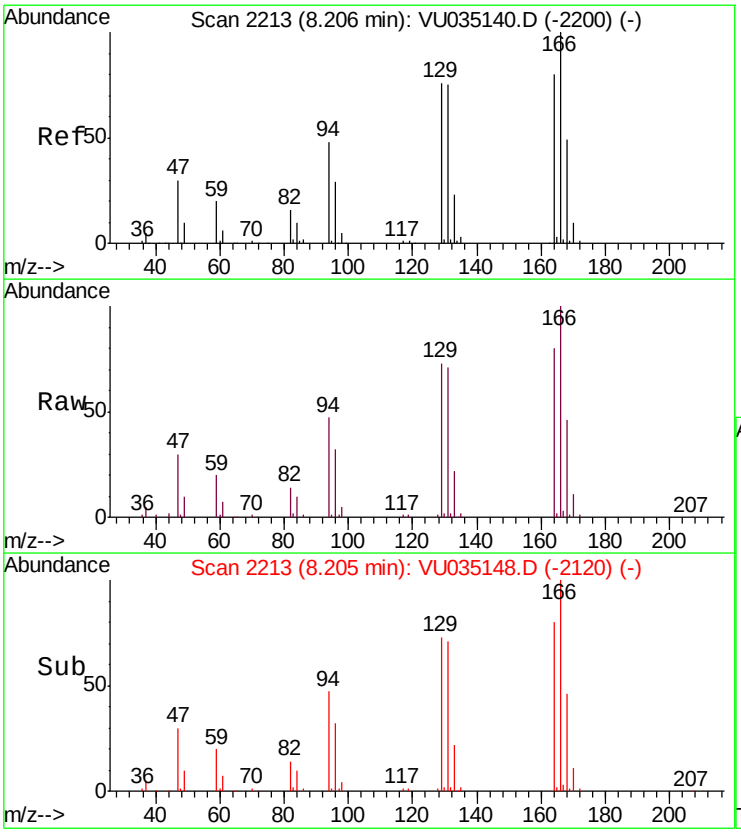
#39
cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
P0002-STEELE-191007-01

Tgt Ion: 75 Resp: 1644

Ion	Ratio	Lower	Upper
75	100		
77	44.0	22.1	41.1#

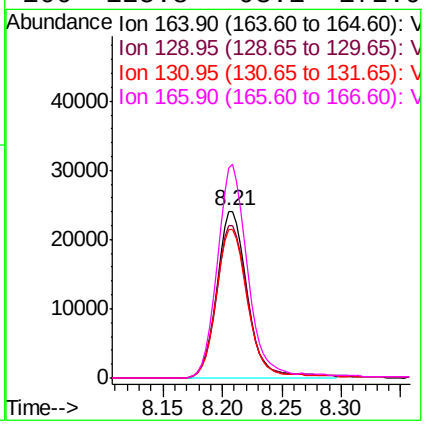


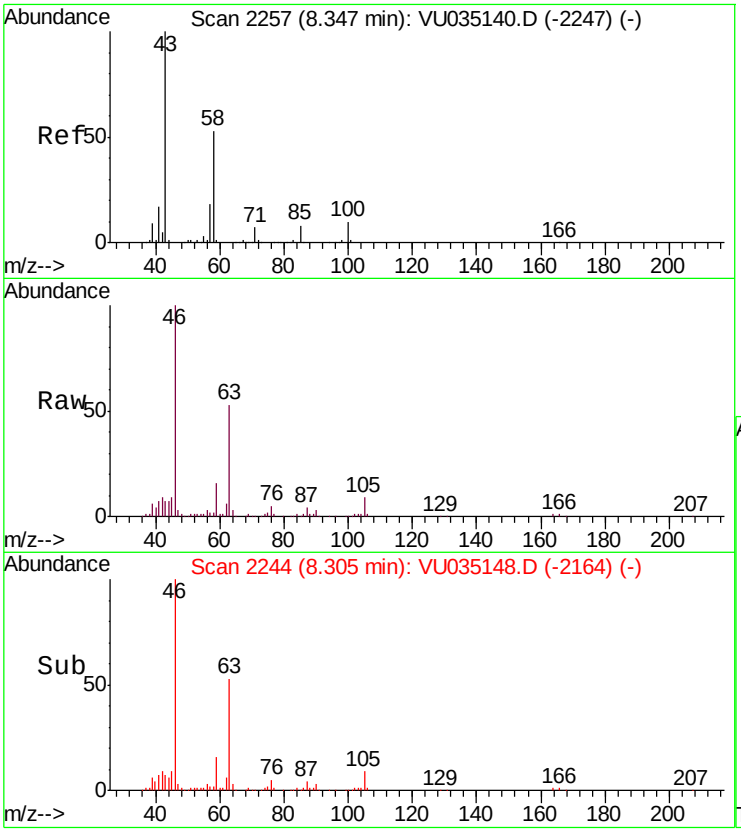


#47
Tetrachloroethene
Concen: 4.128 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Tgt Ion:164 Resp: 43033

Ion	Ratio	Lower	Upper
164	100		
129	91.3	68.5	127.1
131	88.9	67.3	124.9
166	125.8	93.1	172.9



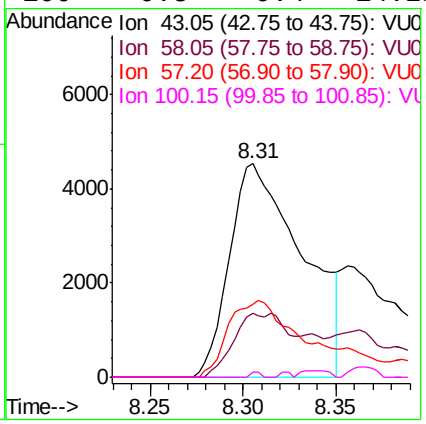


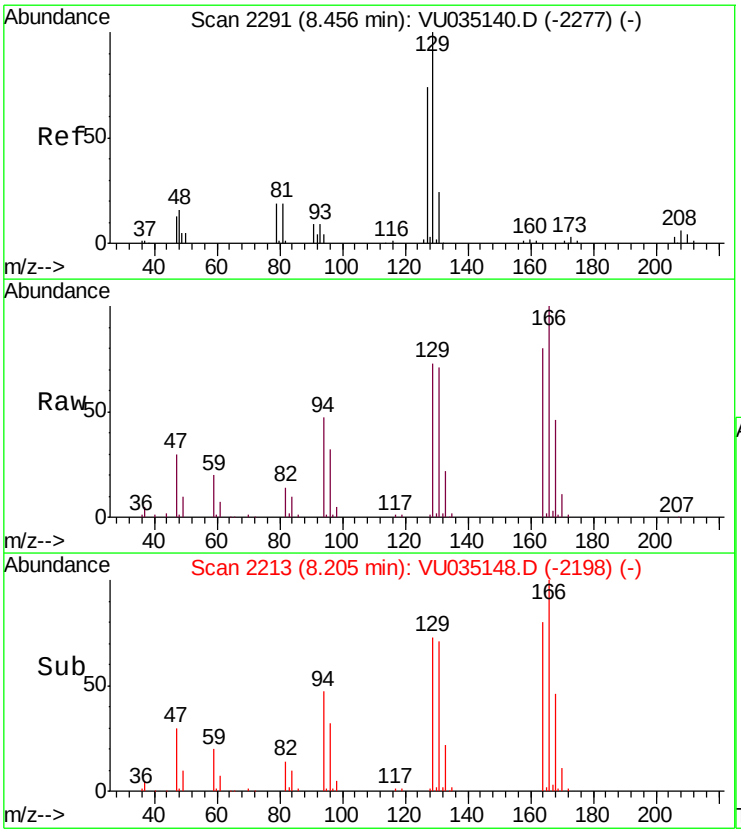
#48
2-Hexanone
Concen: 2.134 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.04 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Instrument : MSVOA_U
ClientSampleId : P0002-STEELE-191007-01

Tgt Ion: 43 Resp: 12403

Ion	Ratio	Lower	Upper
43	100		
58	21.7	44.1	66.1#
57	41.2	15.8	23.8#
100	0.3	9.4	14.2#

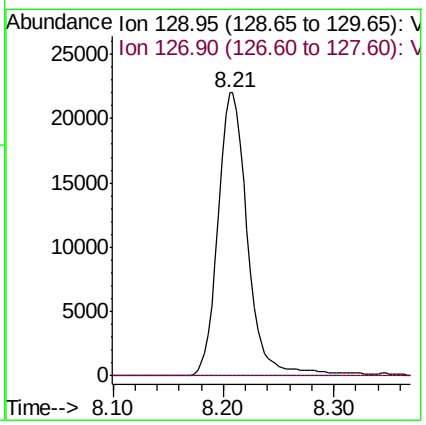


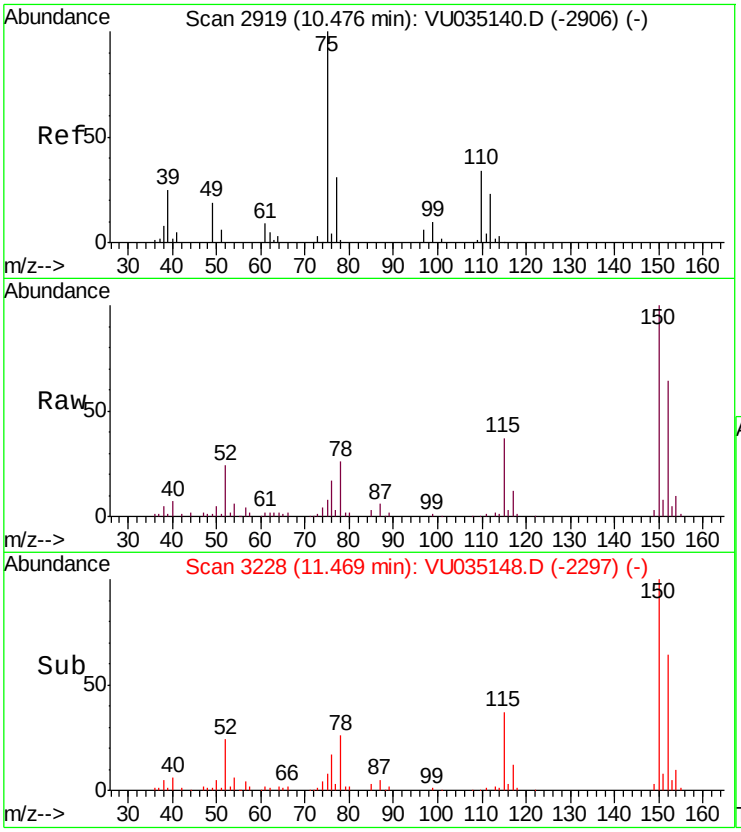


#49
Dibromochloromethane
Concen: 3.938 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Tgt Ion:129 Resp: 40715

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.9	96.5#





#59
1,2,3-Trichloropropane
Concen: 0.880 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU035148.D
Acq: 14 Oct 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
P0002-STEELE-191007-01

Tgt Ion: 75 Resp: 7669

Ion	Ratio	Lower	Upper
75	100		
77	40.1	26.5	39.7#