Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028133.D
Acq On : 14 Nov 2018 20:10
Operator : MD/SY
Sample : J5948-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 15 04:30:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 04:25:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	135573	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	126827	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	58338	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	50670	4.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.00%			
7) Chloroethane-d5	1.68	69	42140	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.40%			
11) 1,1-Dichloroethene-d2	2.28	63	72021	3.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.60%			
20) 2-Butanone-d5	4.19	46	171398	52.53	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.06%			
24) Chloroform-d	4.65	84	86567	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.31	65	49722	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	5.34	84	178588	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	6.33	67	65360	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.57	98	159091	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
43) trans-1,3-Dichloropropene-	7.85	79	20090	4.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.60%			
46) 2-Hexanone-d5	8.31	63	135042	50.89	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.78%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	43255	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	53581	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
8) Chloroethane	1.70	64	1004	0.115	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	584	0.066	ug/L #	20
13) Acetone	2.33	43	2756	1.254	ug/L	95
25) Chloroform	4.68	83	3423	0.189	ug/L	100
34) Trichloroethene	6.19	95	650	0.062	ug/L	91
35) Methylcyclohexane	6.33	83	13230	0.729	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	6631	0.561	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1381	0.086	ug/L #	56
47) Tetrachloroethene	8.23	164	3259	0.380	ug/L	98
48) 2-Hexanone	8.31	43	15052	2.600	ug/L #	68
49) Dibromochloromethane	8.23	129	3225	0.425	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	8437	1.271	ug/L	98

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

Quantitation Report (Not Reviewed)

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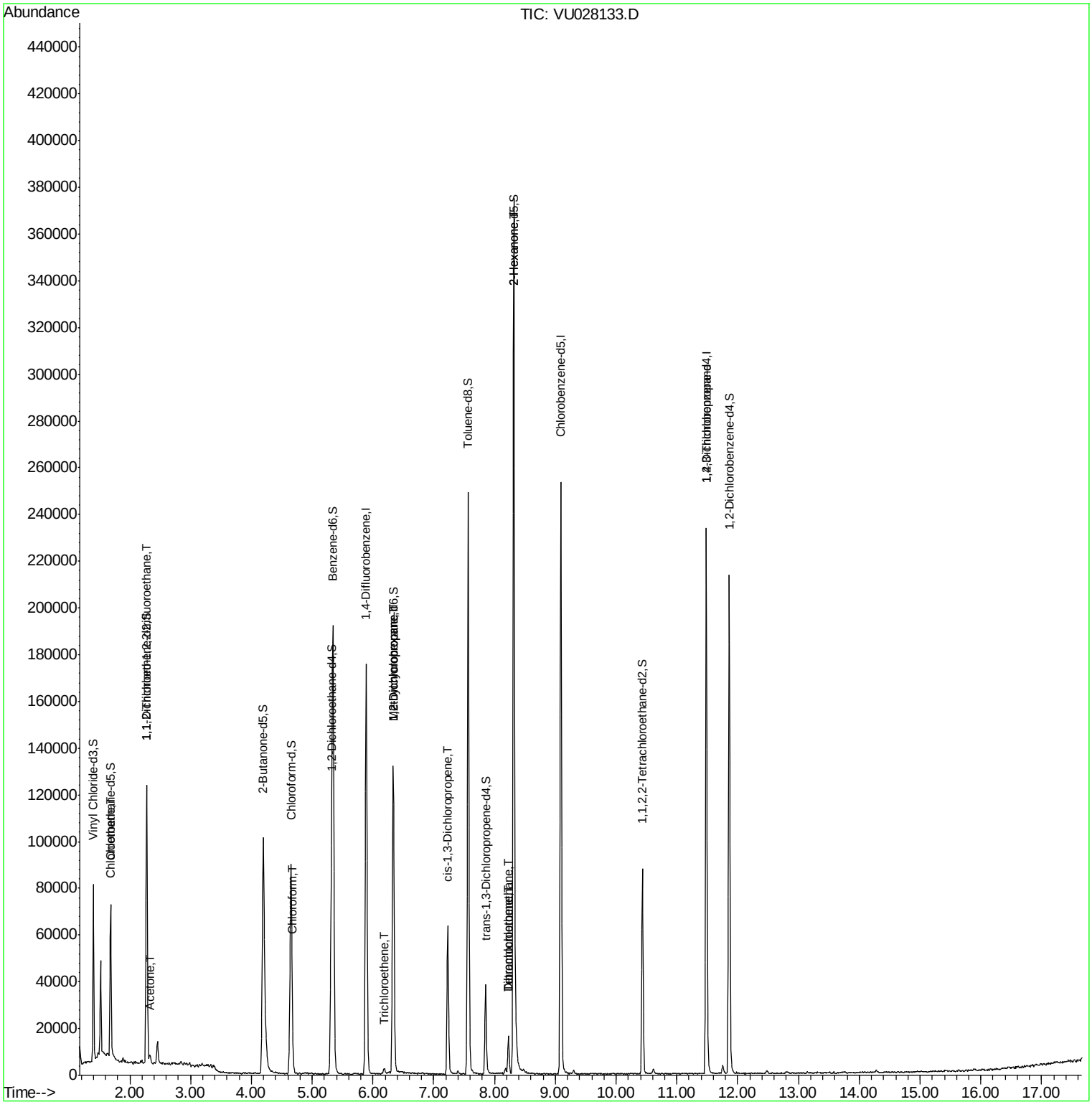
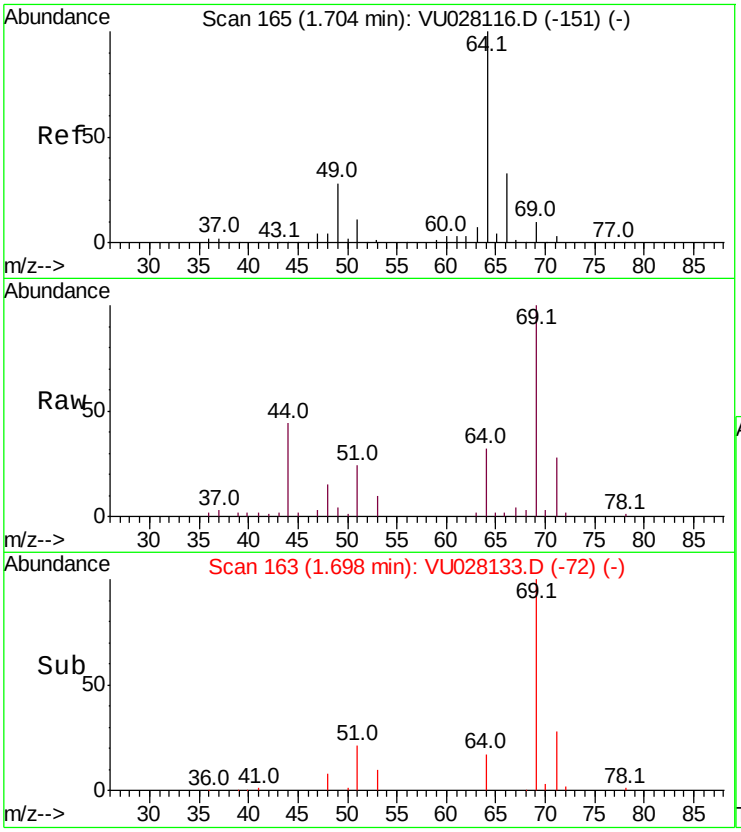
Operator : MD/SY
Sample : J5948-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 15 04:30:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 04:25:02 2018
Response via : Initial Calibration



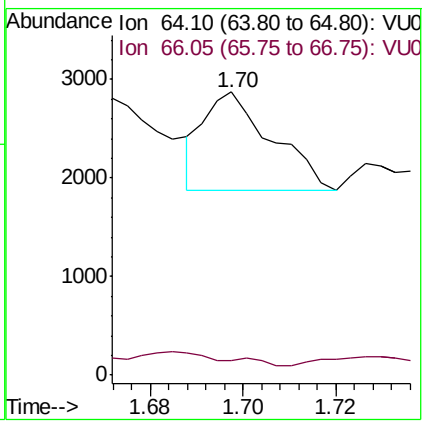


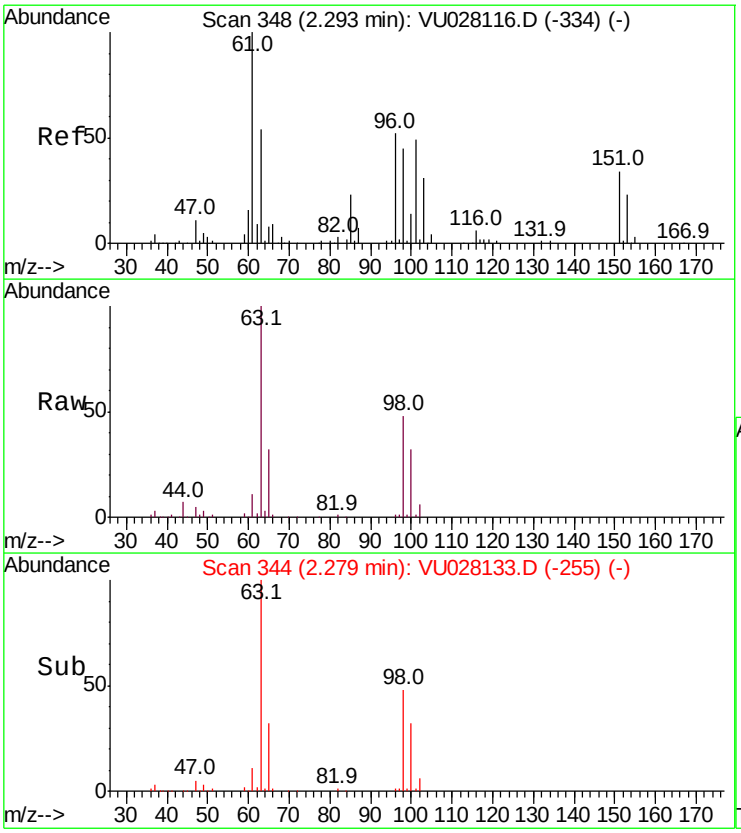
#8
Chloroethane
Concen: 0.115 ug/L
RT: 1.70 min Scan# 163
Delta R.T. -0.01 min
Lab File: VU028133.D
Acq: 14 Nov 2018 20:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 1004

Ion	Ratio	Lower	Upper
64	100		
66	5.4	23.1	42.9#

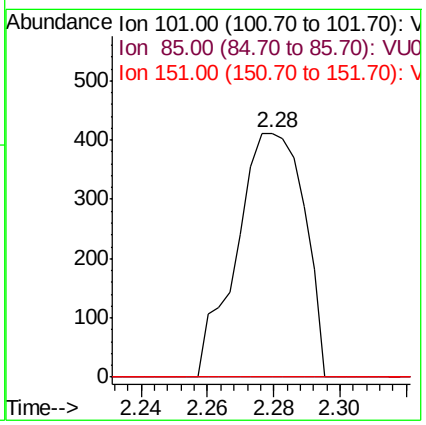


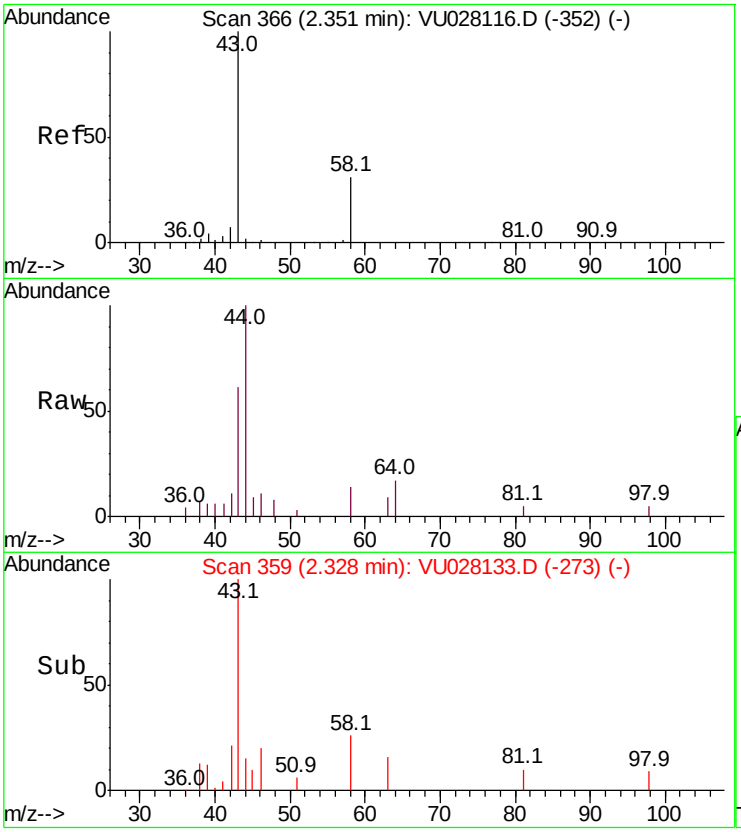


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.066 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028133.D
Acq: 14 Nov 2018 20:10

Tgt Ion:101 Resp: 584

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.6	56.4#
151	0.0	58.2	87.2#



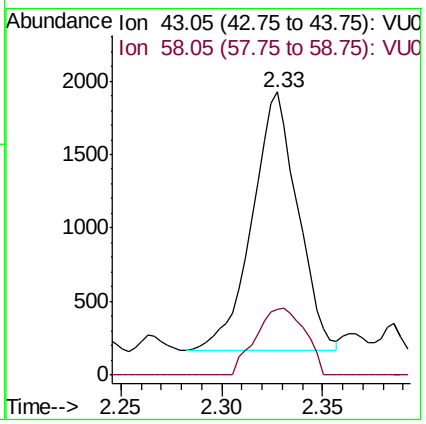


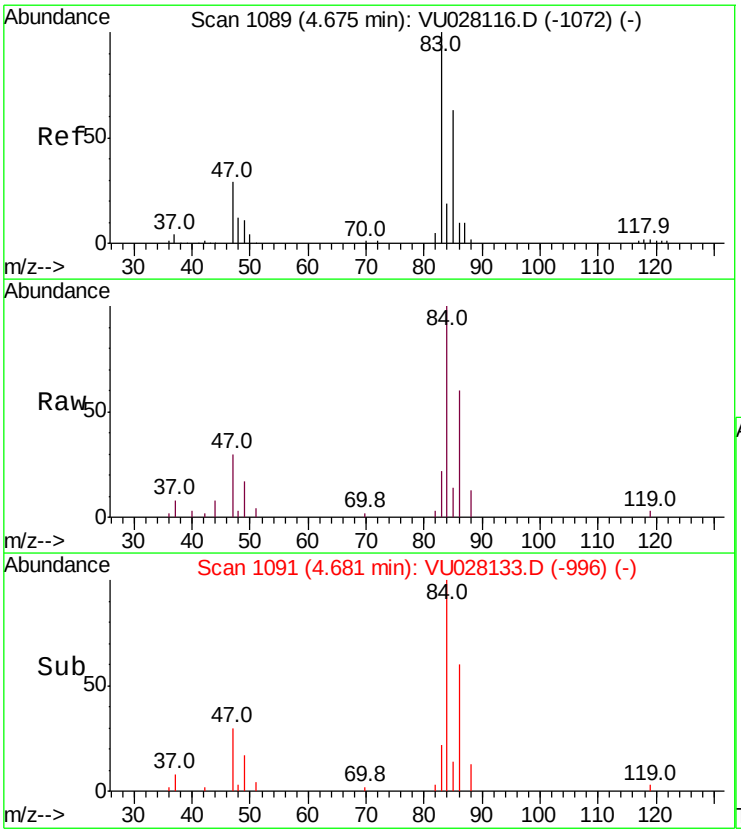
#13
Acetone
Concen: 1.254 ug/L
RT: 2.33 min Scan# 359
Delta R.T. -0.02 min
Lab File: VU028133.D
Acq: 14 Nov 2018 20:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 2756

Ion	Ratio	Lower	Upper
43	100		
58	27.9	0.0	61.6

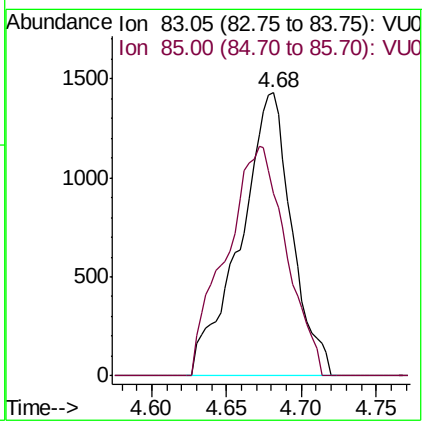


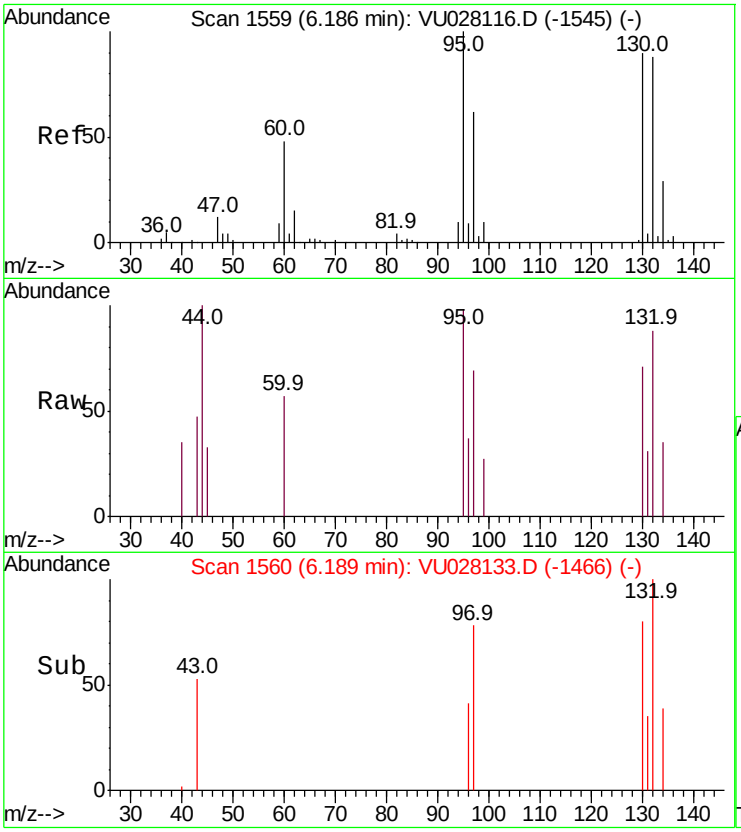


#25
Chloroform
Concen: 0.189 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VU028133.D
Acq: 14 Nov 2018 20:10

Tgt Ion: 83 Resp: 3423

Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.0	83.6



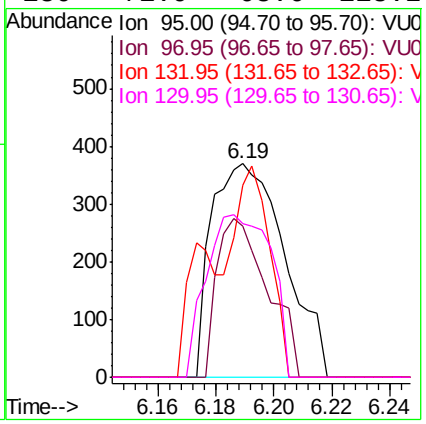


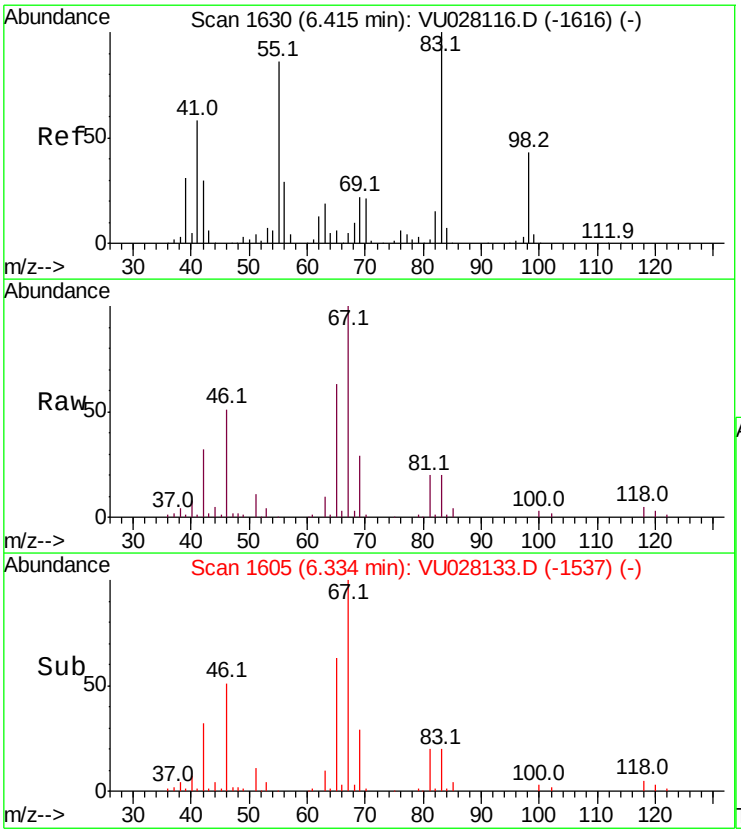
#34
Trichloroethene
Concen: 0.062 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU028133.D
Acq: 14 Nov 2018 20:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 650

Ion	Ratio	Lower	Upper
95	100		
97	70.5	45.3	84.1
132	90.0	63.0	117.0
130	71.9	63.6	118.2

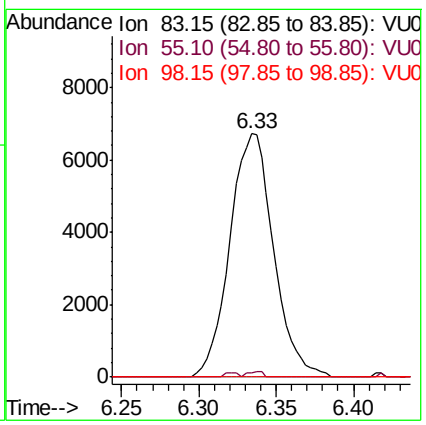


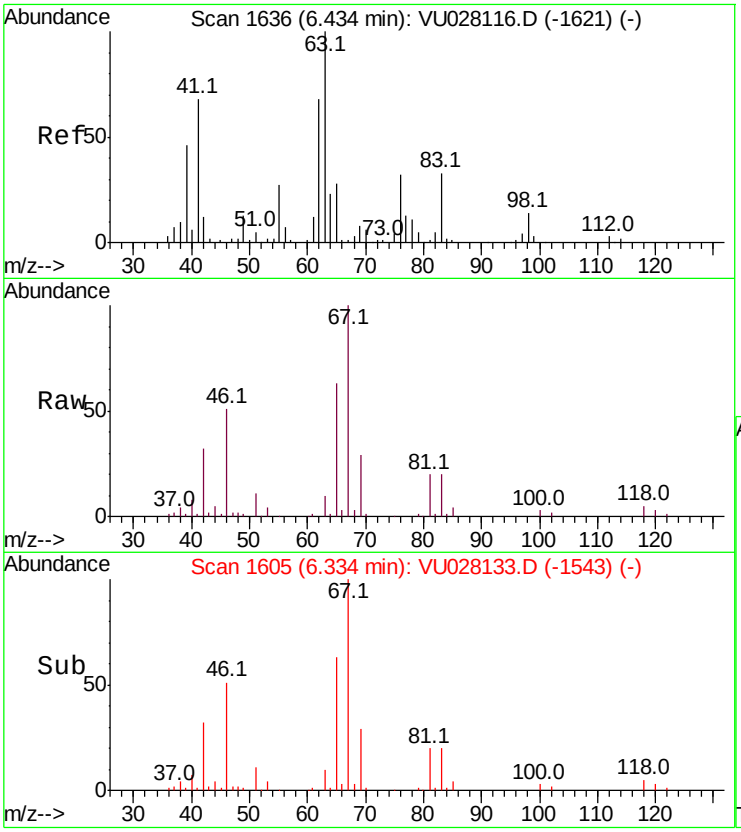


#35
Methylcyclohexane
Concen: 0.729 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028133.D
Acq: 14 Nov 2018 20:10

Tgt Ion: 83 Resp: 13230

Ion	Ratio	Lower	Upper
83	100		
55	0.8	69.0	103.4#
98	0.0	33.3	49.9#



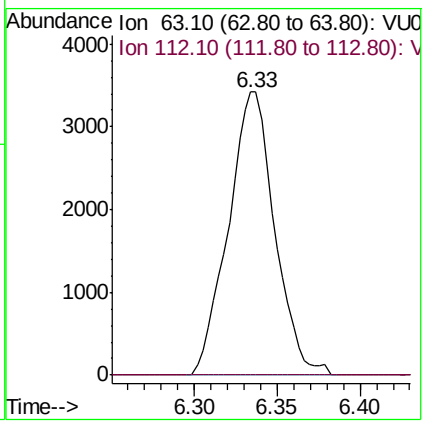


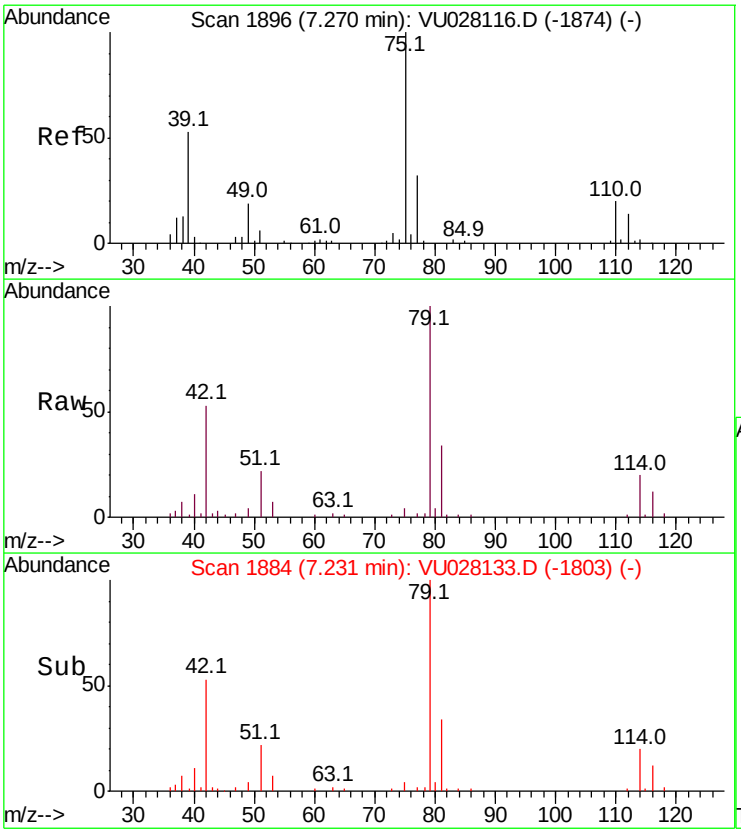
#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028133.D
Acq: 14 Nov 2018 20:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6631

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.4#

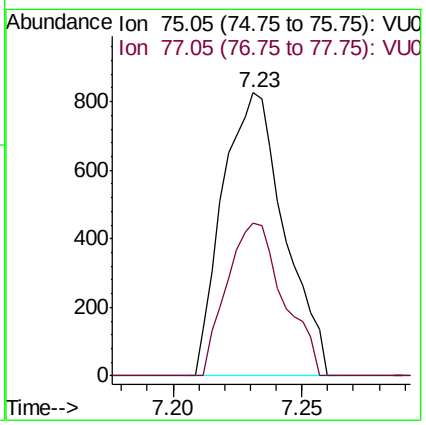


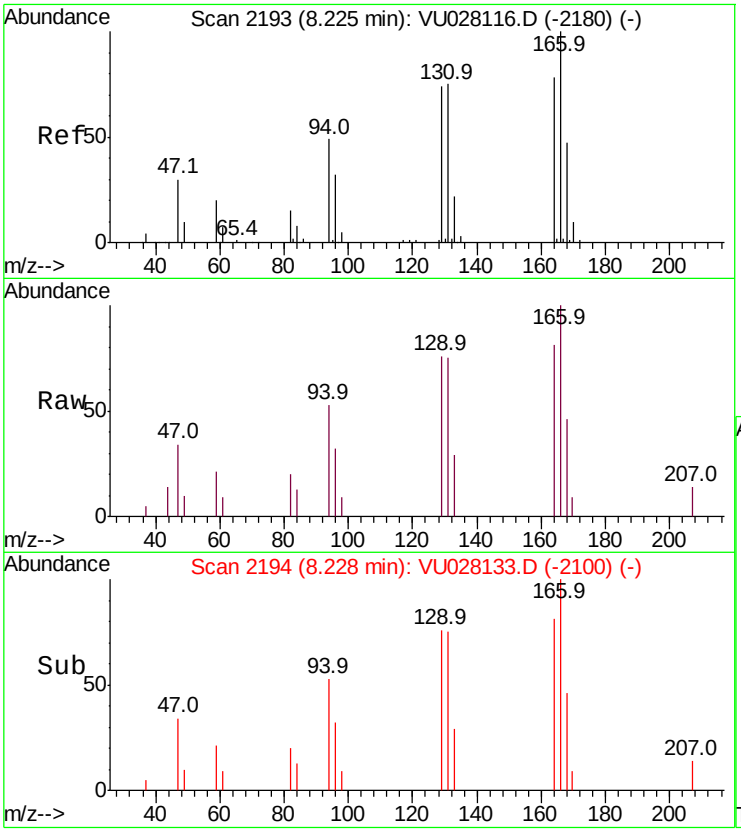


#39
cis-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU028133.D
Acq: 14 Nov 2018 20:10

Tgt Ion: 75 Resp: 1381

Ion	Ratio	Lower	Upper
75	100		
77	53.9	20.9	38.9#



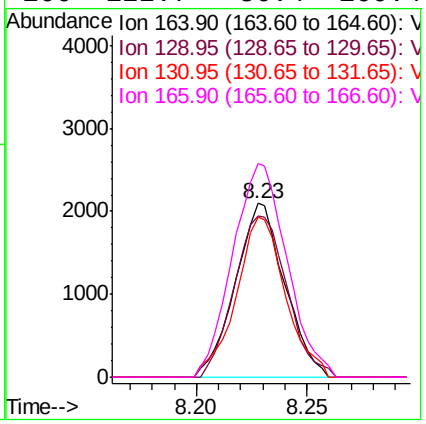


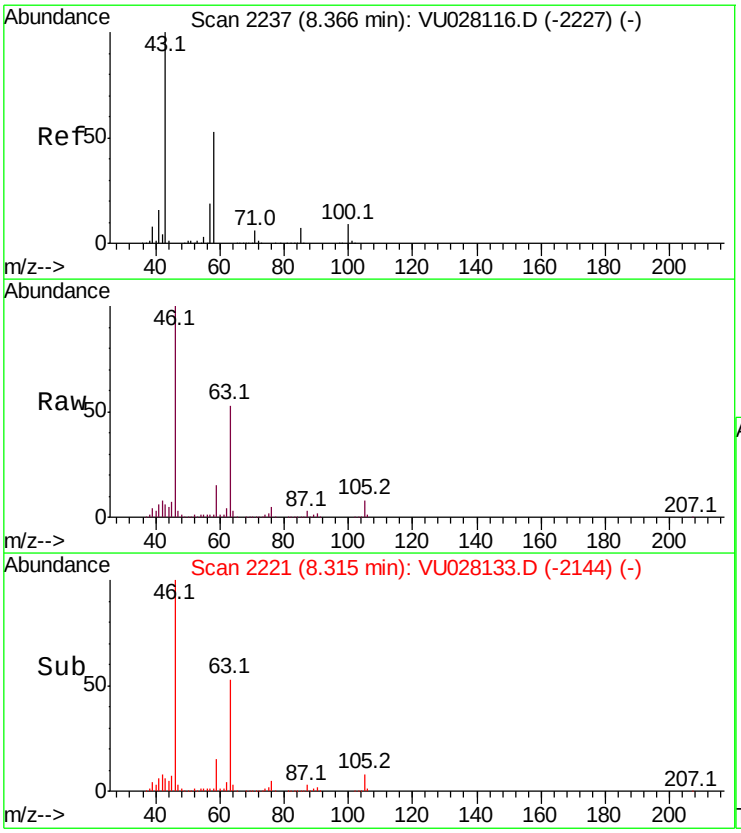
#47
Tetrachloroethene
Concen: 0.380 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028133.D
Acq: 14 Nov 2018 20:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 3259

Ion	Ratio	Lower	Upper
164	100		
129	92.9	69.7	129.4
131	91.8	64.0	118.8
166	122.7	86.4	160.4

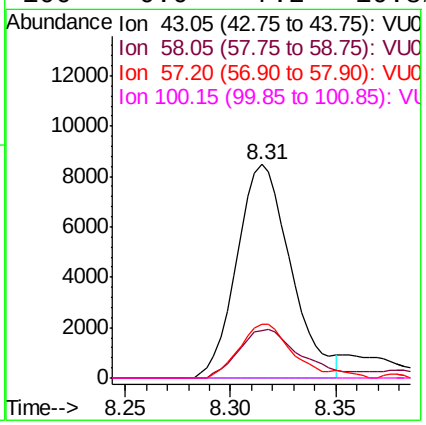


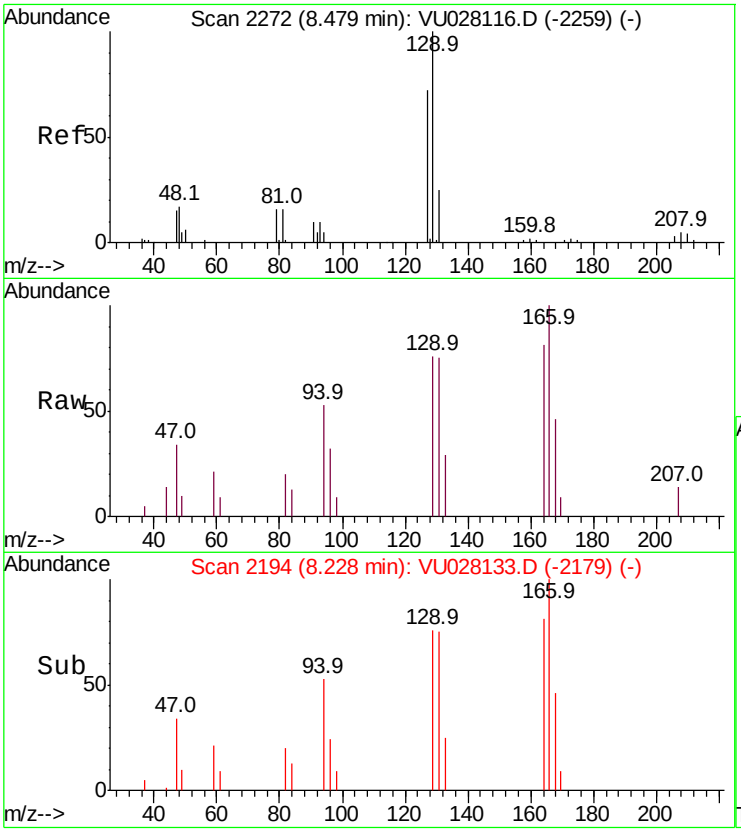


#48
2-Hexanone
Concen: 2.600 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU028133.D
Acq: 14 Nov 2018 20:10

Tgt Ion: 43 Resp: 15052

Ion	Ratio	Lower	Upper
43	100		
58	25.8	41.7	62.5#
57	25.7	14.0	21.0#
100	0.0	7.2	10.8#



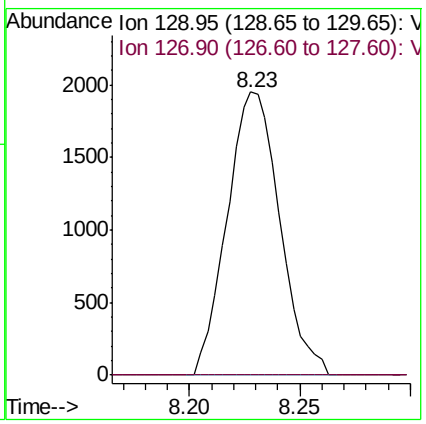


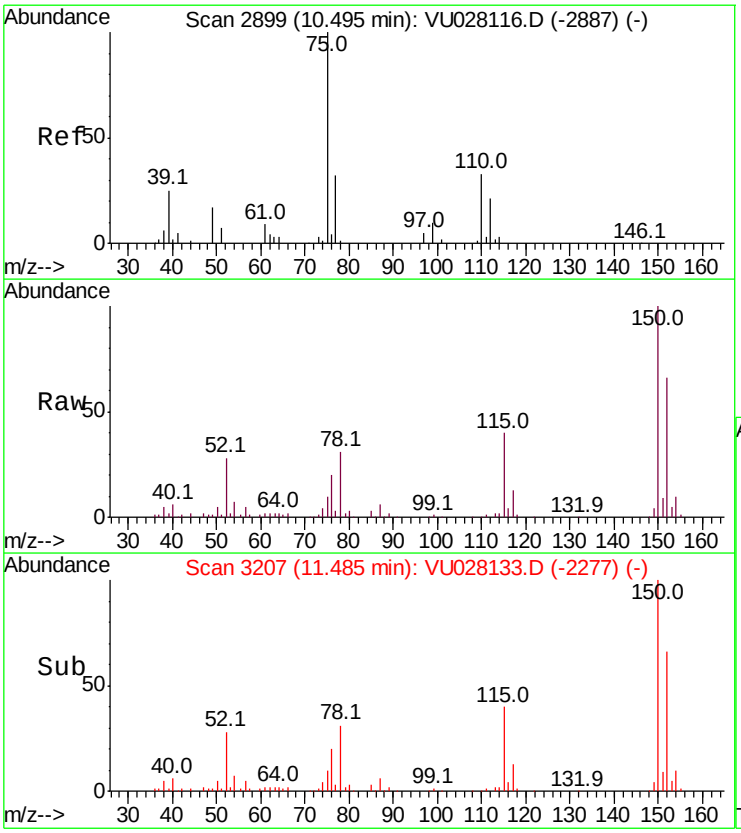
#49
Dibromochloromethane
Concen: 0.425 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028133.D
Acq: 14 Nov 2018 20:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 3225

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#59
1,2,3-Trichloropropane
Concen: 1.271 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028133.D
Acq: 14 Nov 2018 20:10

Tgt Ion: 75 Resp: 8437

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.4	38.0