Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111718\

Quantitation Report (Not Reviewed)

Data File : VU028239.D
Acq On : 17 Nov 2018 21:04
Operator : MD/SY
Sample : J5986-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FG7

Quant Time: Nov 19 03:12:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 03:08:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	152105	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	150737	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68233	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	60507	5.29	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.80%				
7) Chloroethane-d5	1.68	69	47459	4.80	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.00%				
11) 1,1-Dichloroethene-d2	2.28	63	85945	3.77	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.40%				
20) 2-Butanone-d5	4.20	46	200939	52.46	ug/L		-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.92%				
24) Chloroform-d	4.65	84	94724	4.44	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%				
26) 1,2-Dichloroethane-d4	5.31	65	58795	4.98	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%				
32) Benzene-d6	5.34	84	198035	4.57	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%				
36) 1,2-Dichloropropane-d6	6.33	67	73289	4.65	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%				
41) Toluene-d8	7.57	98	175293	4.51	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%				
43) trans-1,3-Dichloropropene-	7.85	79	20748	4.12	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.40%				
46) 2-Hexanone-d5	8.31	63	150519	49.87	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.74%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	51665	4.54	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.80%				
64) 1,2-Dichlorobenzene-d4	11.86	152	59506	4.69	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.80%				
Target Compounds							Qvalue
5) Vinyl chloride	1.40	62	158982	10.298	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	553	0.056	ug/L	#	21
12) 1,1-Dichloroethene	2.29	96	2843	0.304	ug/L	#	1
13) Acetone	2.31	43	9616	3.650	ug/L		52
17) Methyl tert-butyl Ether	3.01	73	541853	19.263	ug/L		99
18) trans-1,2-Dichloroethene	2.98	96	35426	3.552	ug/L		92
19) 1,1-Dichloroethane	3.45	63	23292	1.007	ug/L		99
22) cis-1,2-Dichloroethene	4.23	96	999238	84.750	ug/L		98
25) Chloroform	4.68	83	3442	0.138	ug/L		90
33) Benzene	5.39	78	15689	0.315	ug/L		100
34) Trichloroethene	6.19	95	1036783	85.149	ug/L		98
35) Methylcyclohexane	6.33	83	15687	0.818	ug/L	#	13
39) cis-1,3-Dichloropropene	7.23	75	1504	0.084	ug/L	#	56
47) Tetrachloroethene	8.23	164	9944	1.176	ug/L		97
49) Dibromochloromethane	8.23	129	9578	1.103	ug/L	#	10
59) 1,2,3-Trichloropropane	11.48	75	10039	1.224	ug/L	#	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111718\

Quantitation Report (Not Reviewed)

Data File : VU028239.D
Acq On : 17 Nov 2018 21:04
Operator : MD/SY
Sample : J5986-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FG7

Quant Time: Nov 19 03:12:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 03:08:19 2018
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\VU111718\

Quantitation Report (Not Reviewed)

Data File : VU028239.D
Acq On : 17 Nov 2018 21:04
Operator : MD/SY
Sample : J5986-01
Misc : 25.0mL/MSVOA_U/WATER
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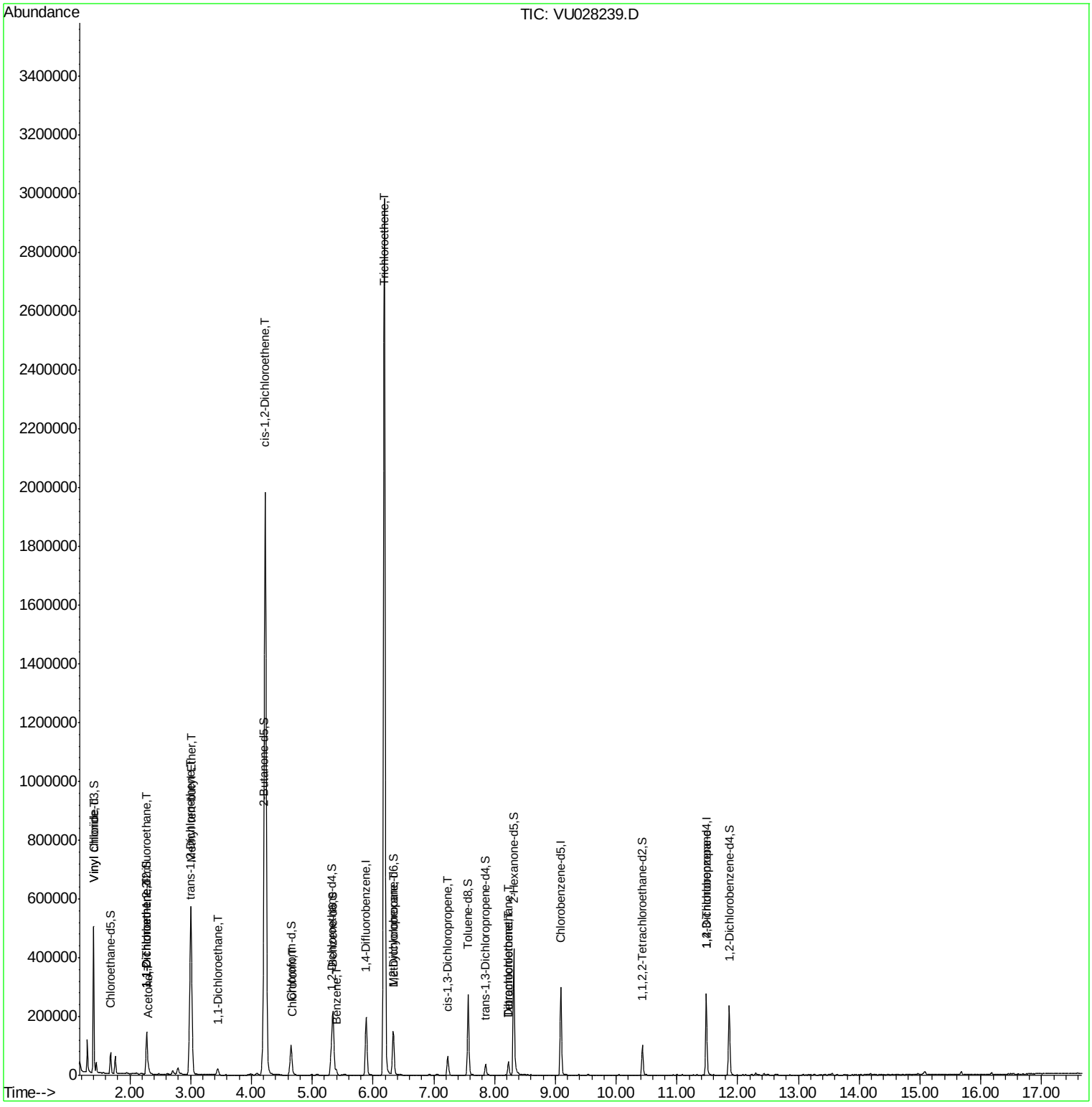
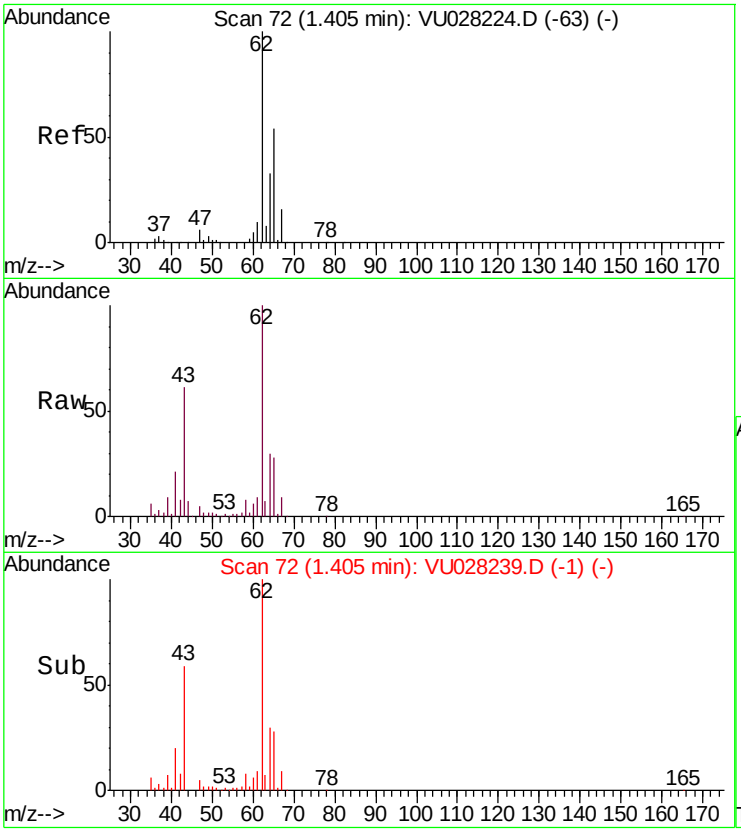
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 03:08:19 2018
Response via : Initial Calibration



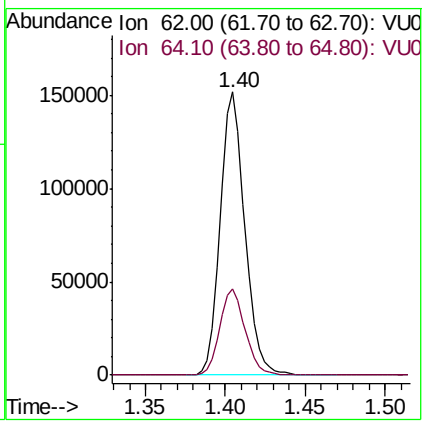


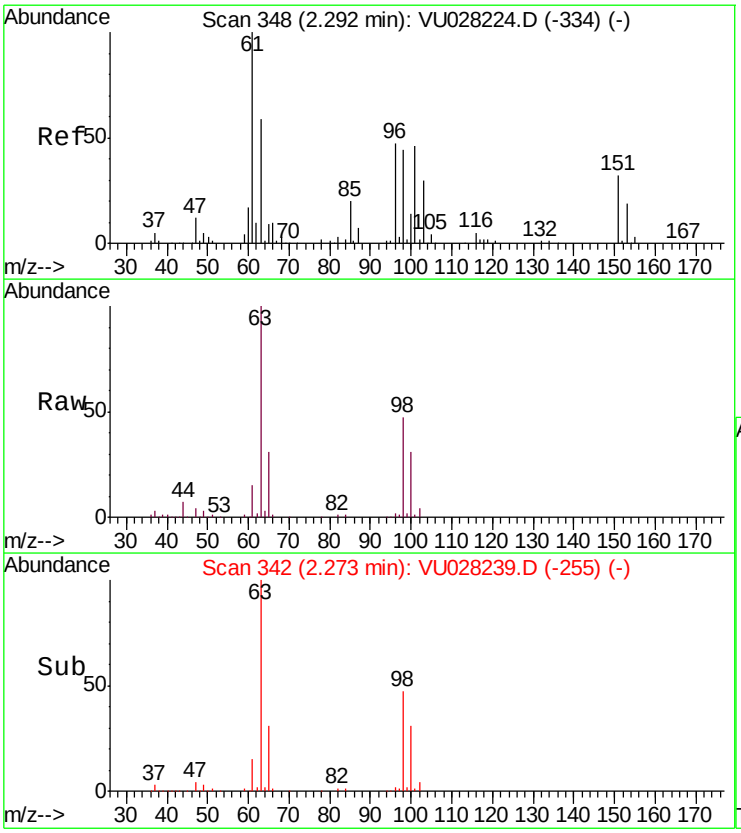
#5
Vinyl chloride
Concen: 10.298 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU028239.D
Acq: 17 Nov 2018 21:04

Instrument :
MSVOA_U
ClientSampleId :
H0FG7

Tgt Ion: 62 Resp: 158982

Ion	Ratio	Lower	Upper
62	100		
64	30.4	21.7	40.3

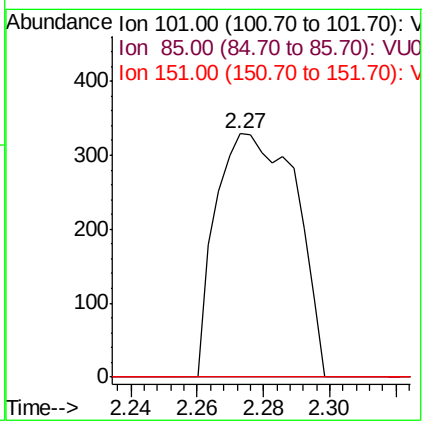


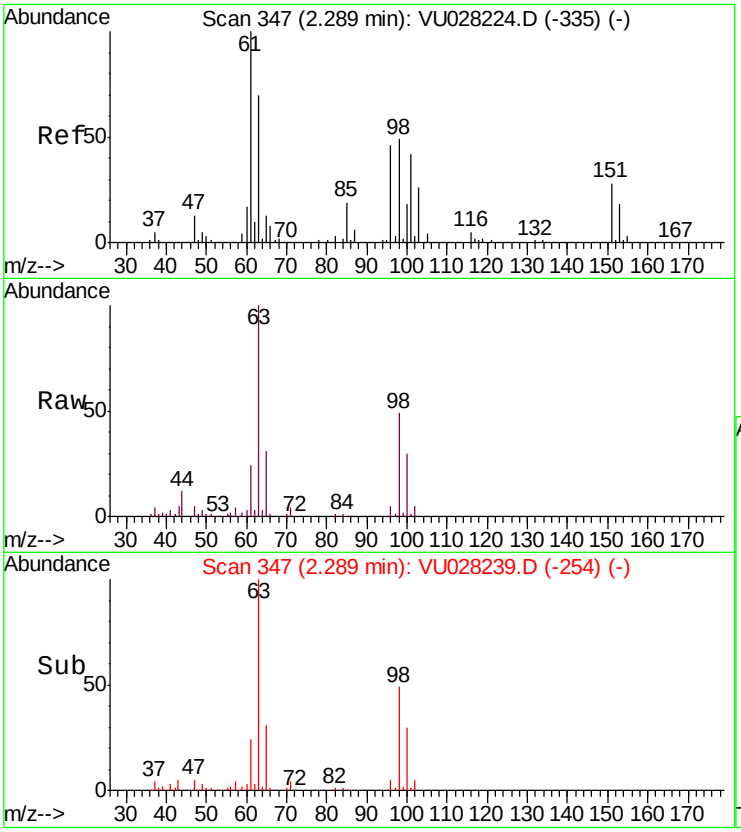


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.056 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.02 min
Lab File: VU028239.D
Acq: 17 Nov 2018 21:04

Tgt Ion:101 Resp: 553

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.4	56.2#
151	0.0	55.0	82.4#



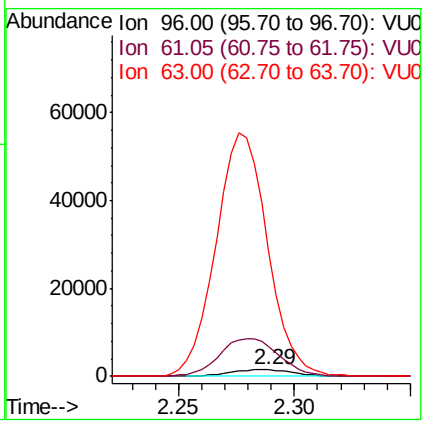


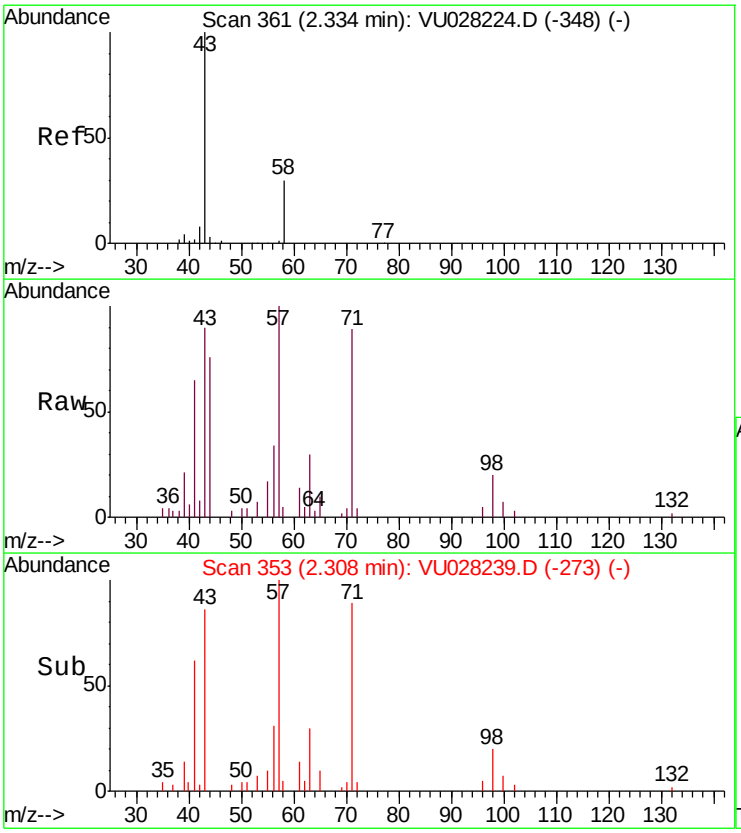
#12
1,1-Dichloroethene
Concen: 0.304 ug/L
RT: 2.29 min Scan# 347
Delta R.T. -0.00 min
Lab File: VU028239.D
Acq: 17 Nov 2018 21:04

Instrument : MSVOA_U
ClientSampleId : H0FG7

Tgt Ion: 96 Resp: 2843

Ion	Ratio	Lower	Upper
96	100		
61	439.3	145.5	270.1#
63	1857.0	98.6	183.2#

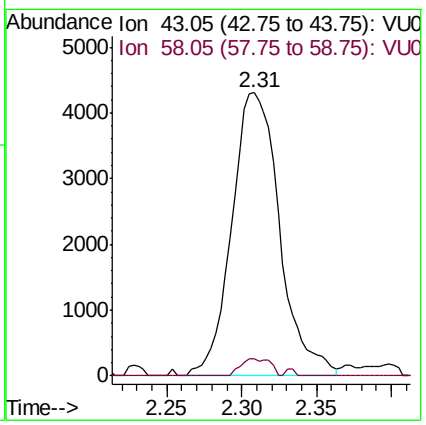


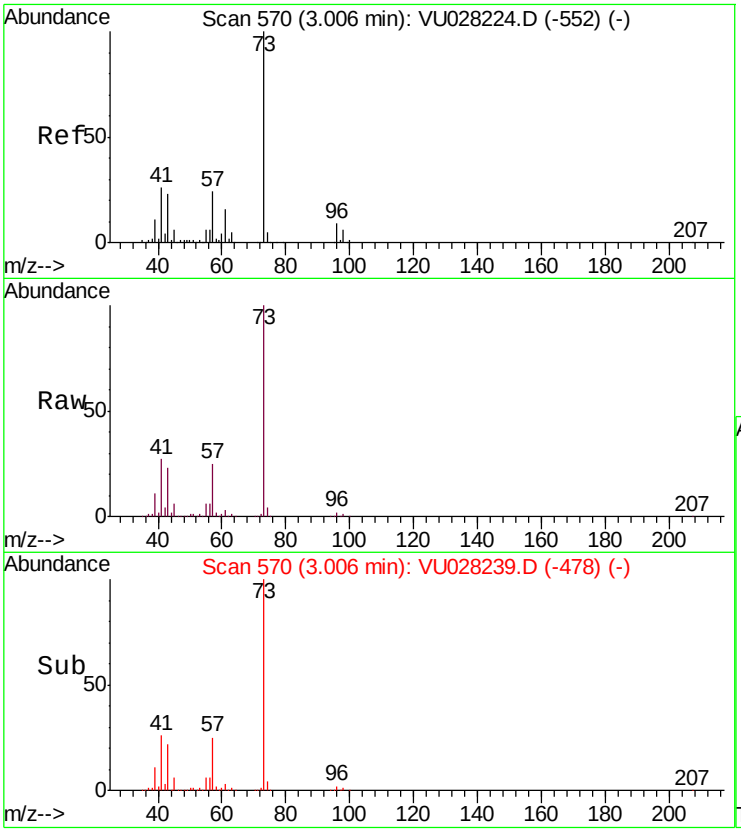


#13
Acetone
Concen: 3.650 ug/L
RT: 2.31 min Scan# 353
Delta R.T. -0.04 min
Lab File: VU028239.D
Acq: 17 Nov 2018 21:04

Tgt Ion: 43 Resp: 9616

Ion	Ratio	Lower	Upper
43	100		
58	3.7	0.0	58.6



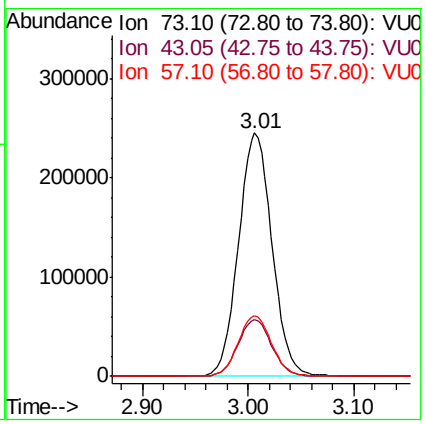


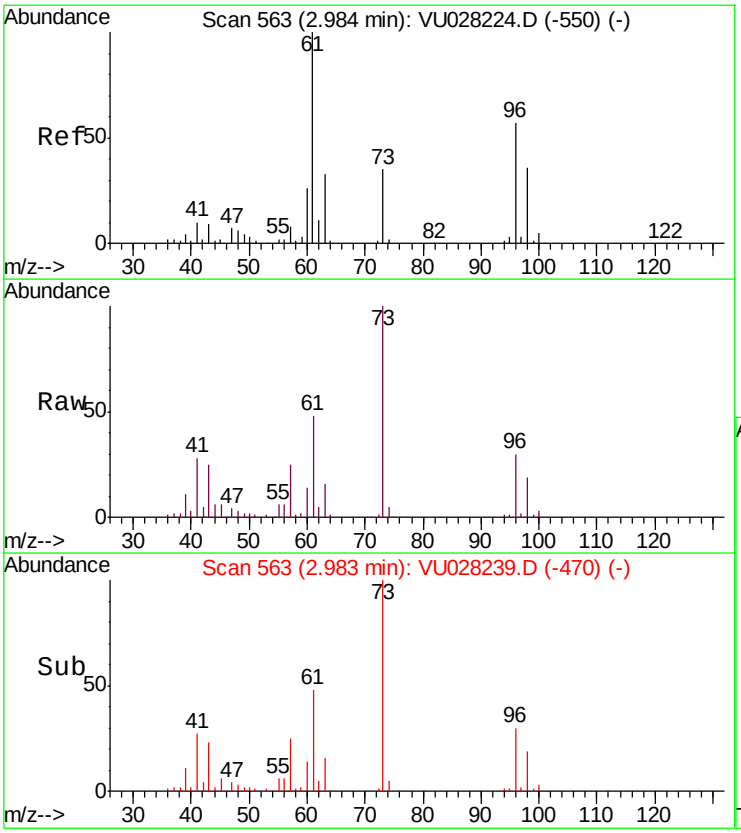
#17
Methyl tert-butyl Ether
Concen: 19.263 ug/L
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU028239.D
Acq: 17 Nov 2018 21:04

Instrument : MSVOA_U
ClientSampleId : H0FG7

Tgt Ion: 73 Resp: 541853

Ion	Ratio	Lower	Upper
73	100		
43	23.6	18.8	28.2
57	25.0	19.2	28.8

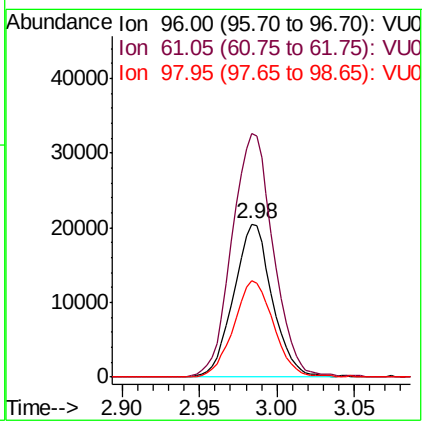


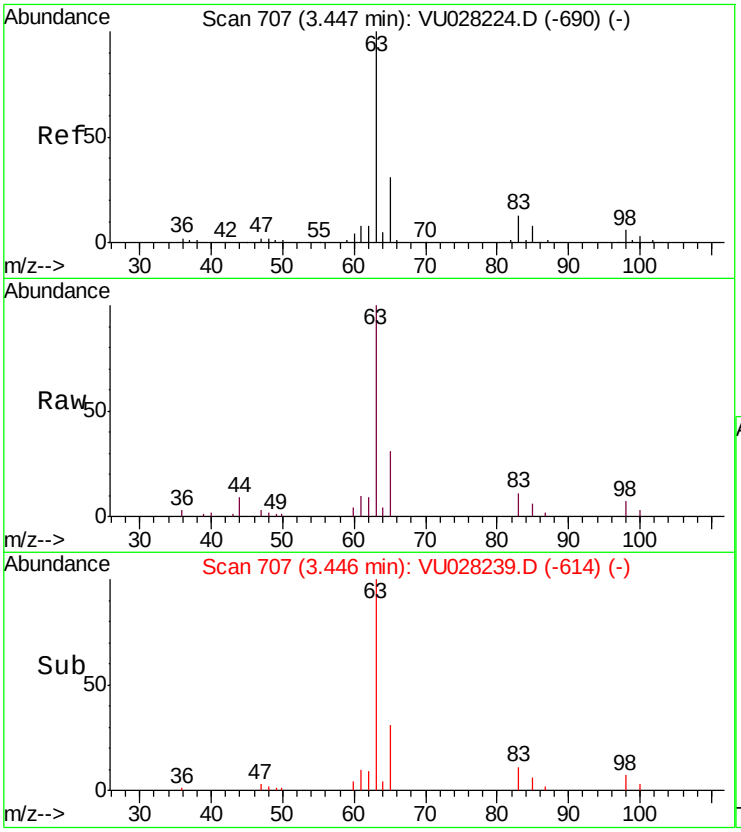


#18
trans-1,2-Dichloroethene
Concen: 3.552 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU028239.D
Acq: 17 Nov 2018 21:04

Tgt Ion: 96 Resp: 35426

Ion	Ratio	Lower	Upper
96	100		
61	159.3	122.2	227.0
98	63.4	44.9	83.5



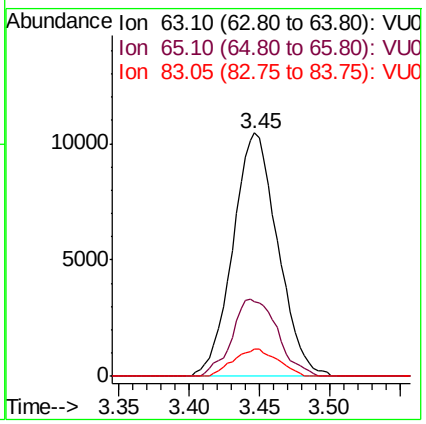


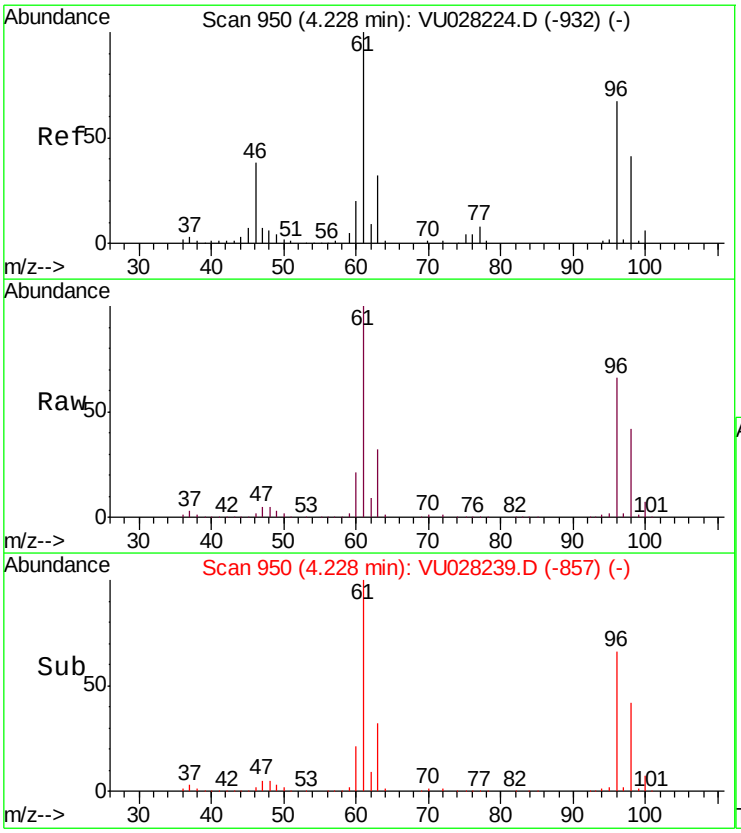
#19
1,1-Dichloroethane
Concen: 1.007 ug/L
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU028239.D
Acq: 17 Nov 2018 21:04

Instrument : MSVOA_U
ClientSampleId : H0FG7

Tgt Ion: 63 Resp: 23292

Ion	Ratio	Lower	Upper
63	100		
65	30.6	21.2	39.4
83	11.2	8.8	16.4

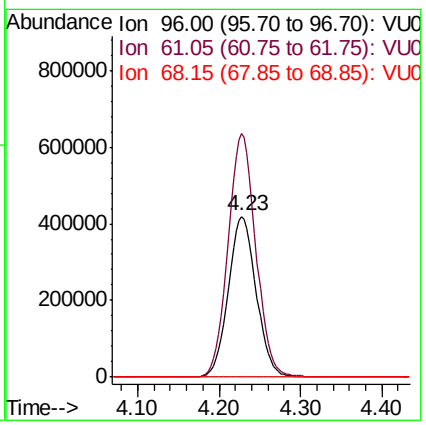


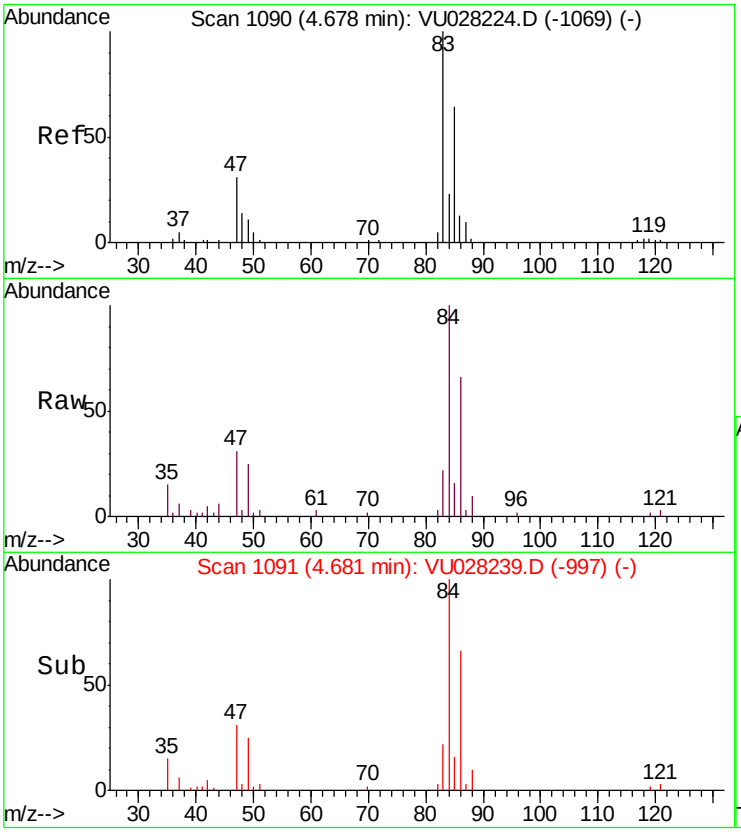


#22
cis-1,2-Dichloroethene
Concen: 84.750 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU028239.D
Acq: 17 Nov 2018 21:04

Tgt Ion: 96 Resp: 999238

Ion	Ratio	Lower	Upper
96	100		
61	151.4	108.0	200.6
68	0.0	0.0	0.0



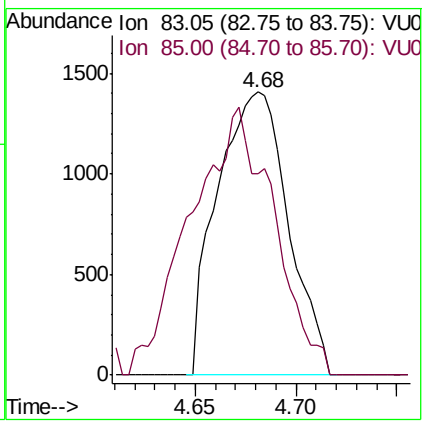


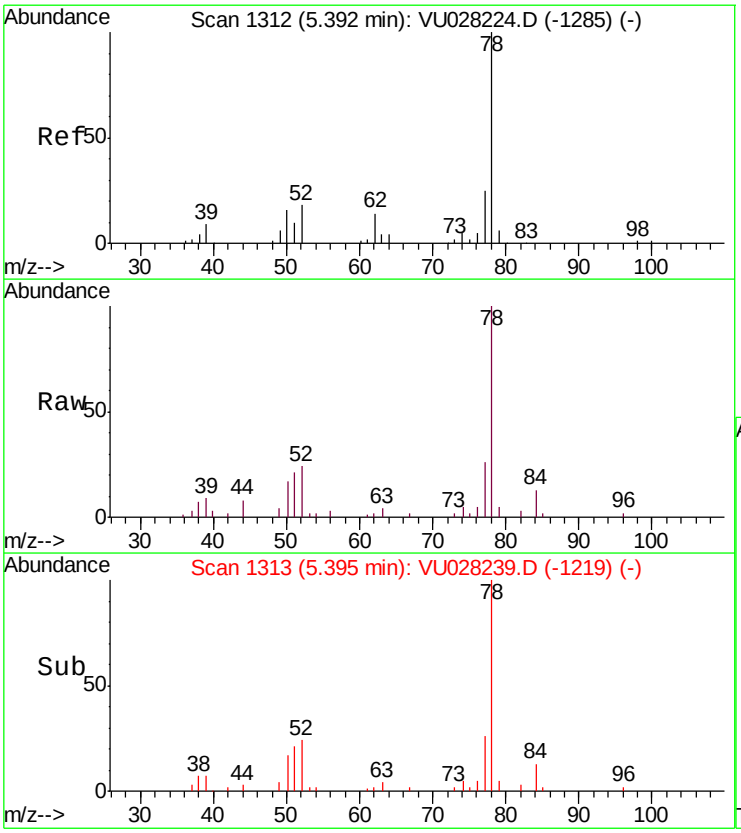
#25
Chloroform
Concen: 0.138 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VU028239.D
Acq: 17 Nov 2018 21:04

Instrument :
MSVOA_U
ClientSampleId :
H0FG7

Tgt Ion: 83 Resp: 3442

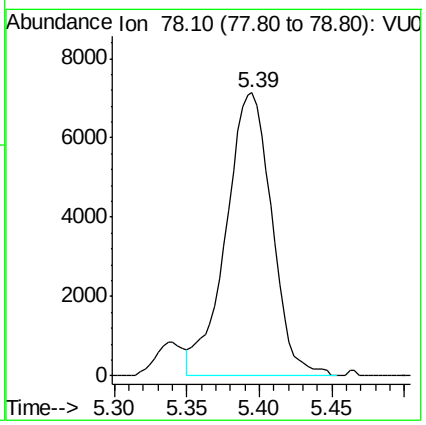
Ion	Ratio	Lower	Upper
83	100		
85	71.4	44.6	82.8

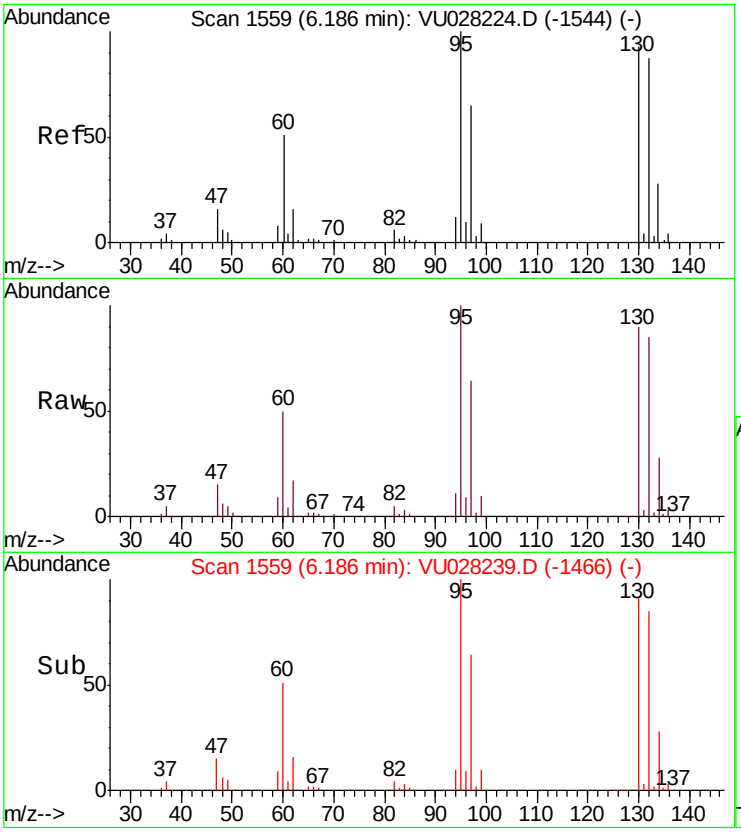




#33
Benzene
Concen: 0.315 ug/L
RT: 5.39 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU028239.D
Acq: 17 Nov 2018 21:04

Tgt Ion: 78 Resp: 15689



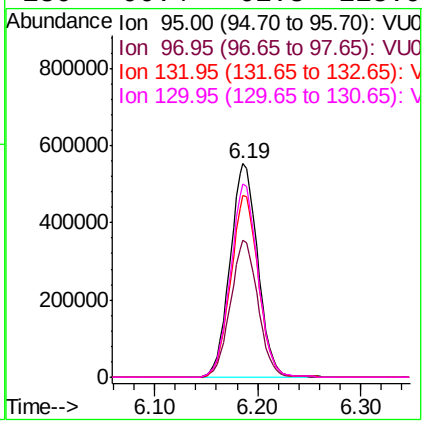


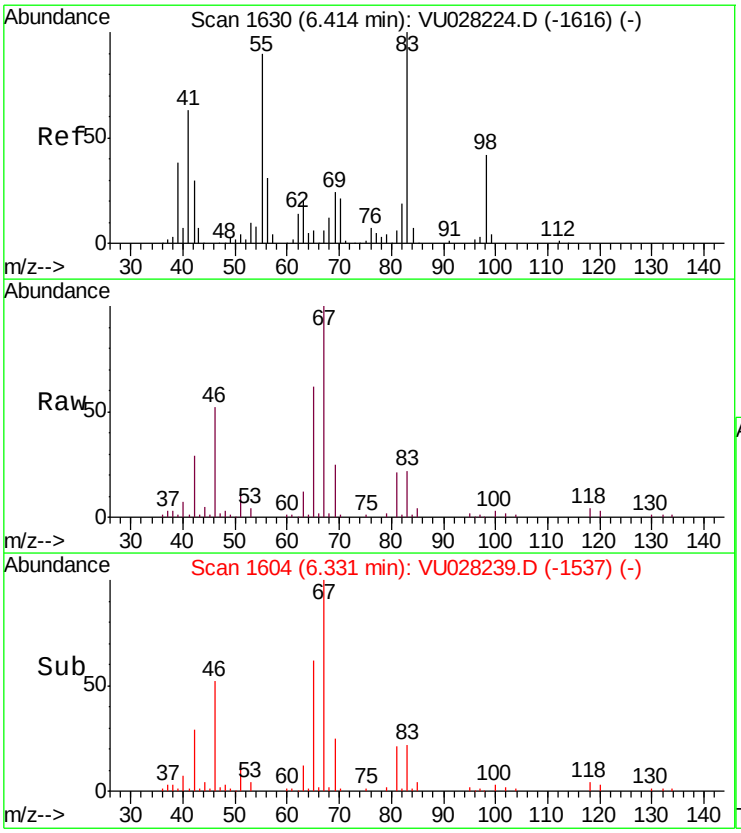
#34
Trichloroethene
Concen: 85.149 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU028239.D
Acq: 17 Nov 2018 21:04

Instrument :
MSVOA_U
ClientSampleId :
H0FG7

Tgt Ion: 95 Resp: 1036783

Ion	Ratio	Lower	Upper
95	100		
97	63.9	46.5	86.3
132	84.9	58.9	109.3
130	90.4	61.3	113.9

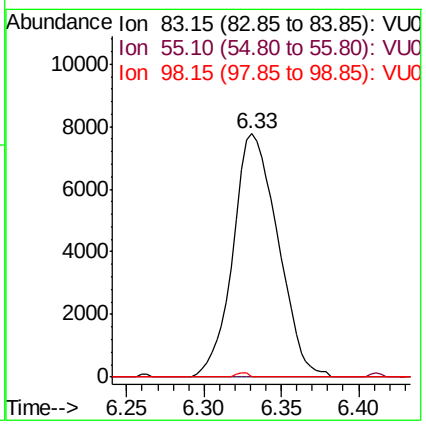


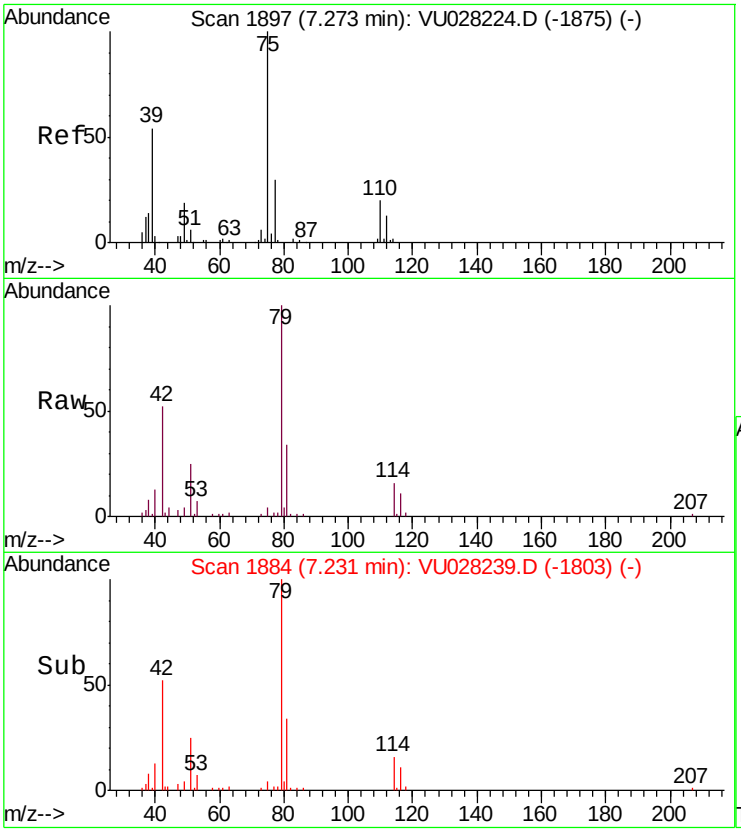


#35
Methylcyclohexane
Concen: 0.818 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028239.D
Acq: 17 Nov 2018 21:04

Tgt Ion: 83 Resp: 15687

Ion	Ratio	Lower	Upper
83	100		
55	0.4	73.2	109.8#
98	0.0	33.4	50.2#



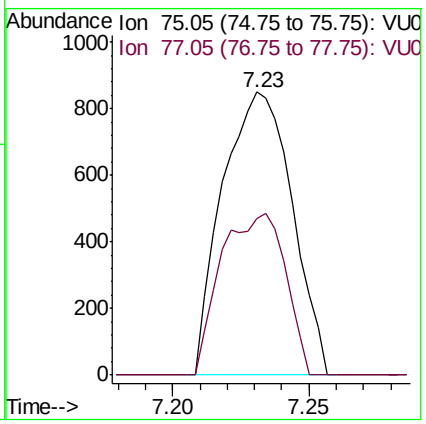


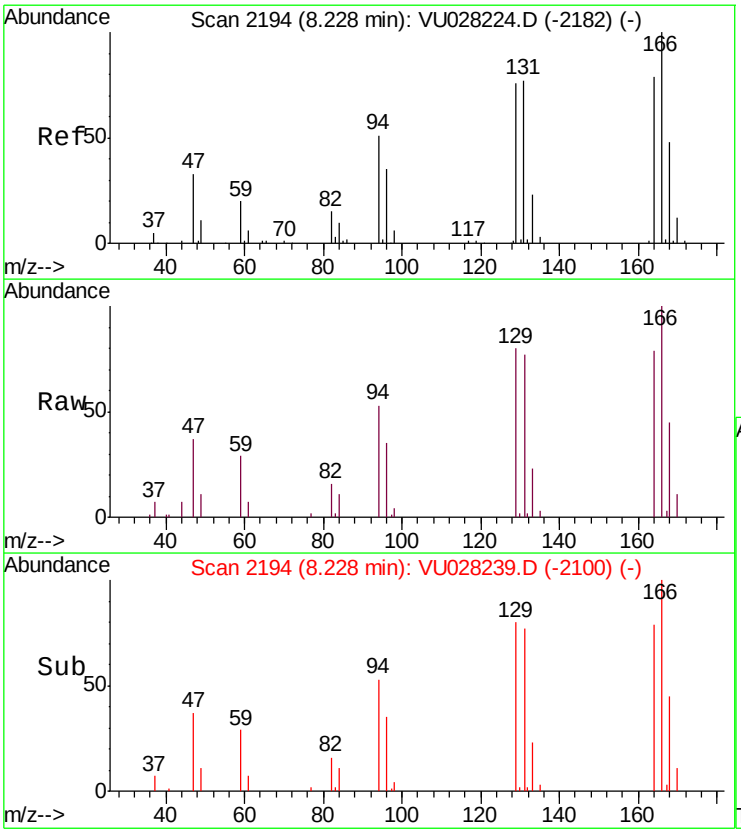
#39
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU028239.D
Acq: 17 Nov 2018 21:04

Instrument :
MSVOA_U
ClientSampleId :
H0FG7

Tgt Ion: 75 Resp: 1504

Ion	Ratio	Lower	Upper
75	100		
77	55.4	21.7	40.3#

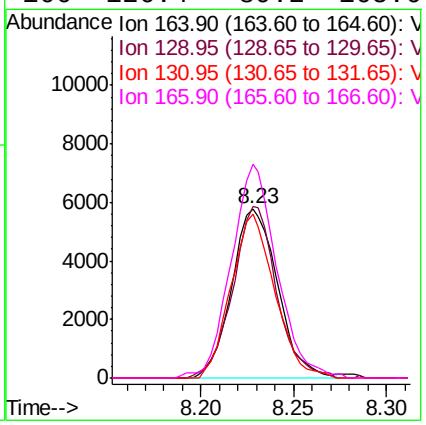


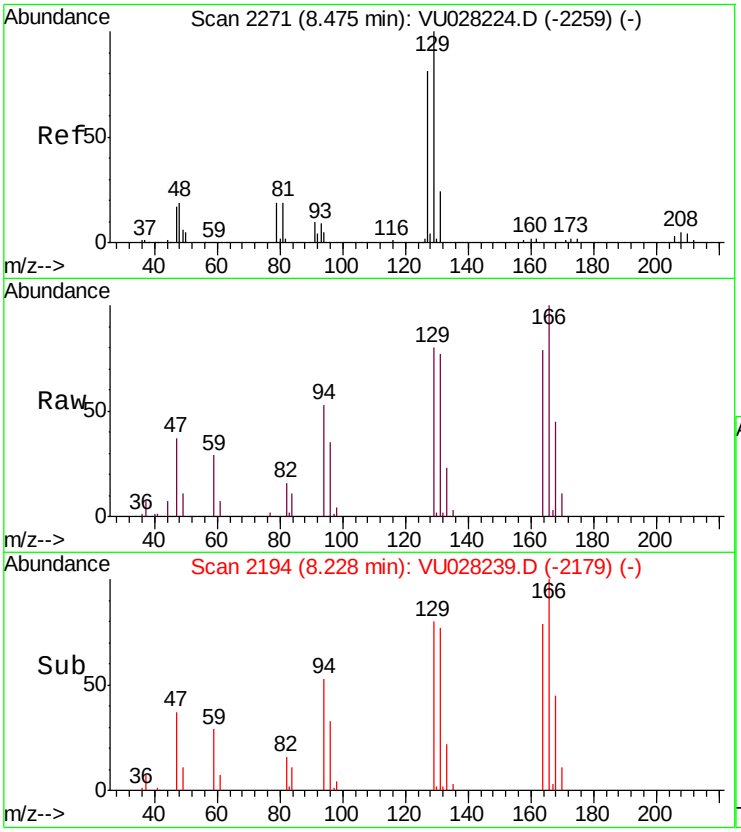


#47
Tetrachloroethene
Concen: 1.176 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028239.D
Acq: 17 Nov 2018 21:04

Tgt Ion:164 Resp: 9944

Ion	Ratio	Lower	Upper
164	100		
129	101.4	67.6	125.6
131	97.1	66.3	123.1
166	126.4	89.2	165.6



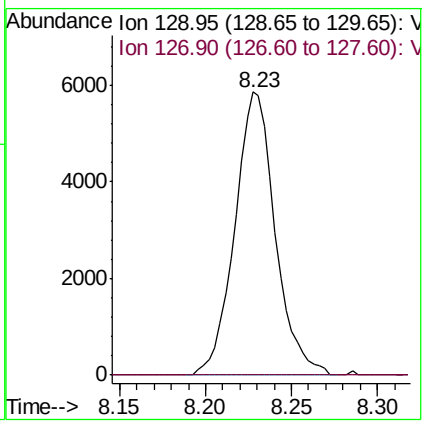


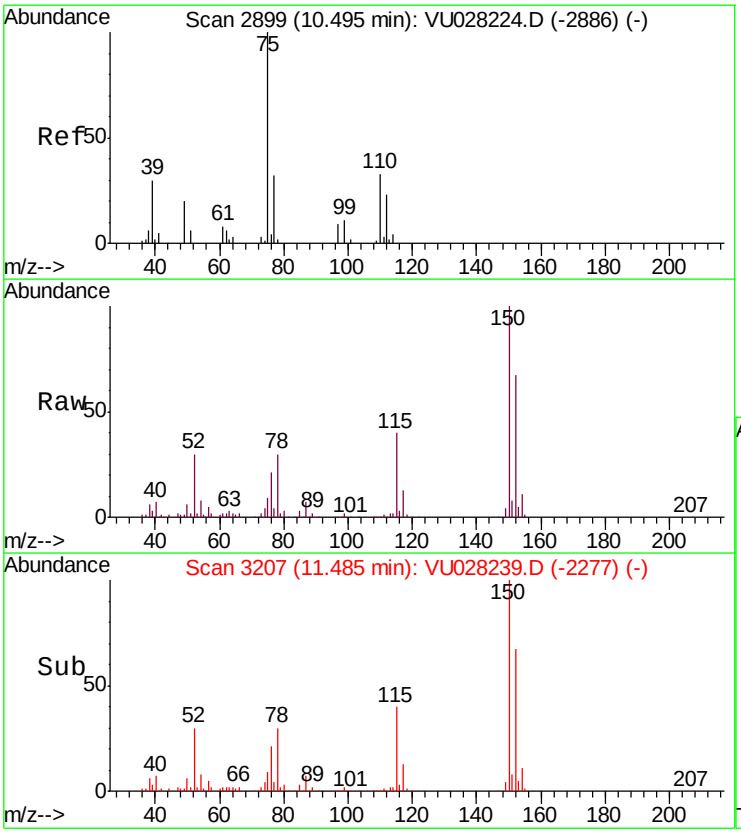
#49
Dibromochloromethane
Concen: 1.103 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028239.D
Acq: 17 Nov 2018 21:04

Instrument : MSVOA_U
ClientSampleId : H0FG7

Tgt Ion:129 Resp: 9578

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.5#





#59
1,2,3-Trichloropropane
Concen: 1.224 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028239.D
Acq: 17 Nov 2018 21:04

Tgt Ion: 75 Resp: 10039

Ion	Ratio	Lower	Upper
75	100		
77	40.0	25.7	38.5#