Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028142.D
Acq On : 15 Nov 2018 00:31
Operator : MD/SY
Sample : J5943-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 15 06:18:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 06:14:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	132346	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	123335	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	57816	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	60255	5.49	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 109.80%			
7) Chloroethane-d5	1.68	69	42392	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.20%			
11) 1,1-Dichloroethene-d2	2.28	63	74095	3.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.20%			
20) 2-Butanone-d5	4.20	46	179659	56.40	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.80%			
24) Chloroform-d	4.65	84	87187	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
26) 1,2-Dichloroethane-d4	5.31	65	50844	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.20%			
32) Benzene-d6	5.34	84	178853	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%			
36) 1,2-Dichloropropane-d6	6.33	67	65947	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%			
41) Toluene-d8	7.57	98	155096	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
43) trans-1,3-Dichloropropene-	7.85	79	20146	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	8.31	63	138061	53.50	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.00%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	46648	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	55180	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
3) Chloromethane	1.40	50	7154	0.479	ug/L #	42
5) Vinyl chloride	1.40	62	1239999	87.473	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	554	0.064	ug/L #	44
12) 1,1-Dichloroethene	2.29	96	3945	0.448	ug/L #	1
13) Acetone	2.32	43	3942	1.838	ug/L	78
18) trans-1,2-Dichloroethene	2.98	96	345338	36.912	ug/L	99
19) 1,1-Dichloroethane	3.45	63	4169	0.212	ug/L	96
22) cis-1,2-Dichloroethene	4.23	96	922137	89.396	ug/L	97
27) 1,2-Dichloroethane	5.42	62	772	0.067	ug/L #	76
33) Benzene	5.40	78	4395	0.106	ug/L	100
34) Trichloroethene	6.19	95	33072	3.221	ug/L	97
35) Methylcyclohexane	6.33	83	13042	0.739	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	6504	0.566	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1312	0.084	ug/L #	57
42) Toluene	7.64	91	2218	0.052	ug/L	85
47) Tetrachloroethene	8.22	164	760	0.091	ug/L #	77
48) 2-Hexanone	8.37	43	2573	0.457	ug/L #	77

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028142.D
Acq On : 15 Nov 2018 00:31
Operator : MD/SY
Sample : J5943-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 15 06:18:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 06:14:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dibromochloromethane	8.23	129	784	0.106	ug/L	#	11
59) 1,2,3-Trichloropropane	11.48	75	8343	1.293	ug/L		92

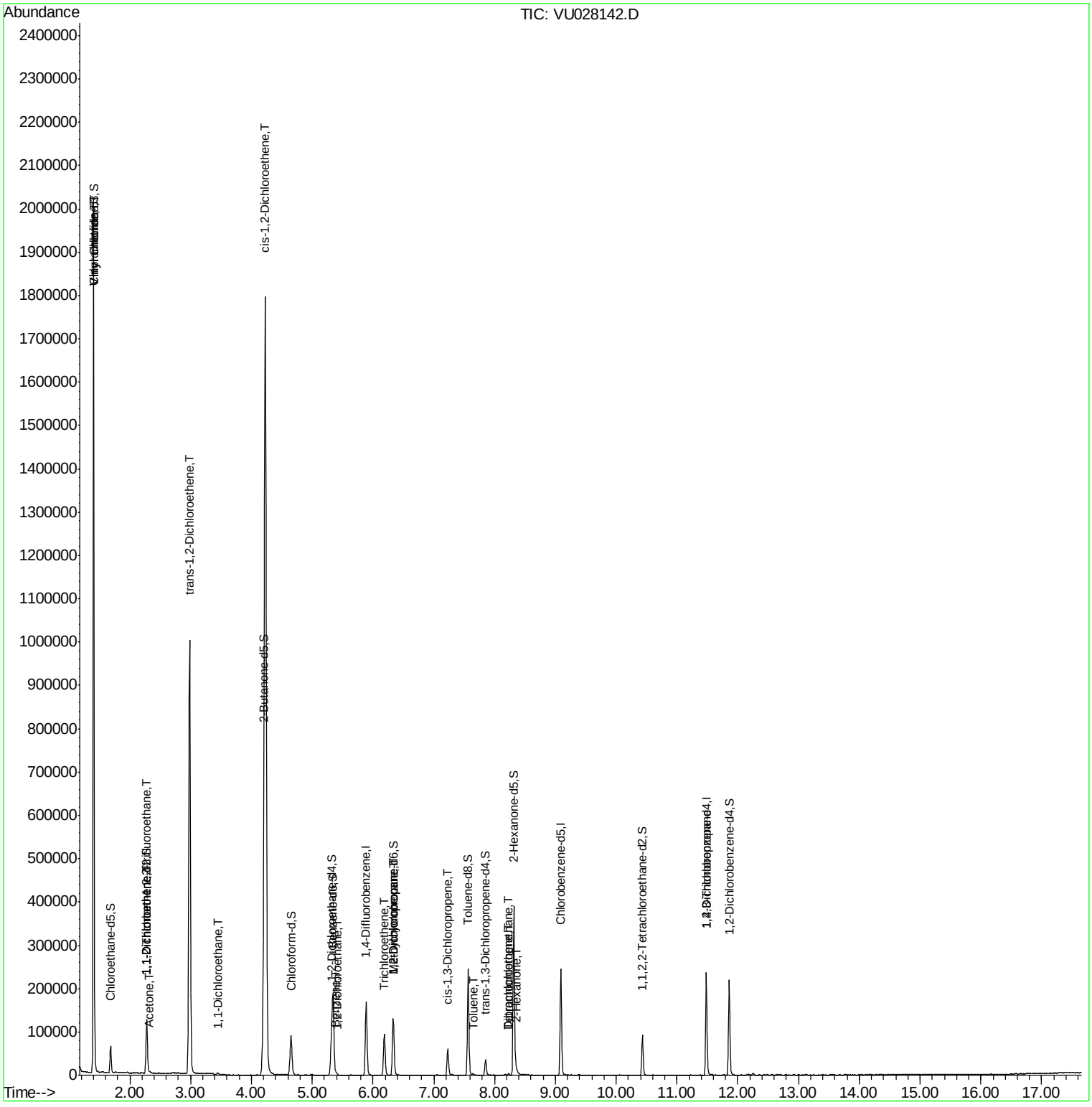
(#) = qualifier out of range (m) = manual integration (+) = signals summed

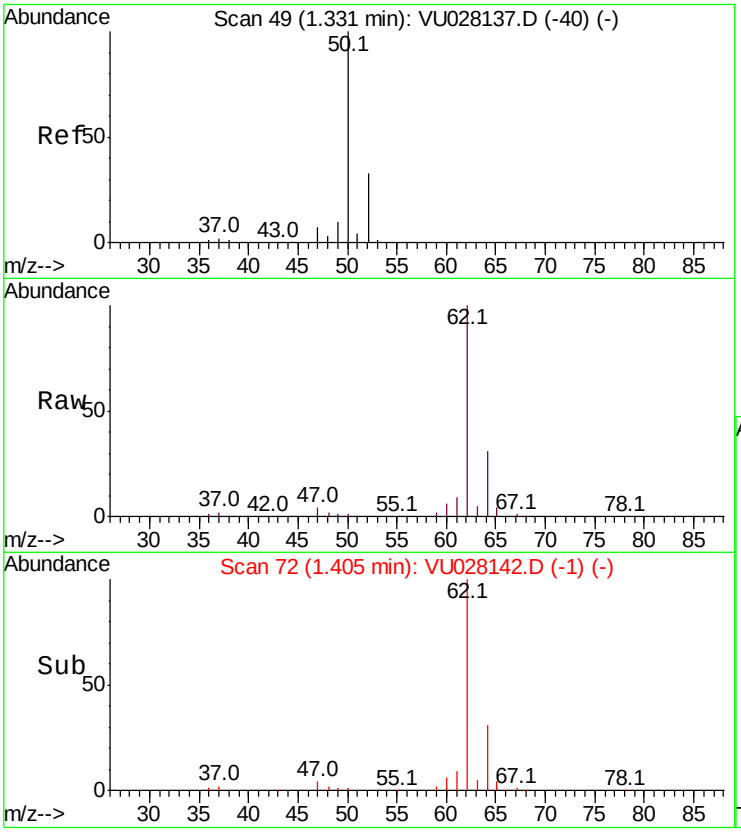
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
Data File : VU028142.D
Acq On : 15 Nov 2018 00:31
Operator : MD/SY
Sample : J5943-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 15 06:18:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 06:14:20 2018
Response via : Initial Calibration

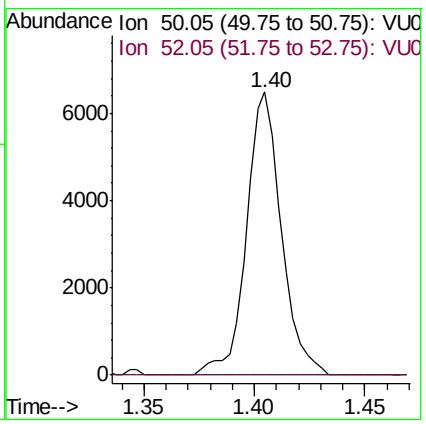




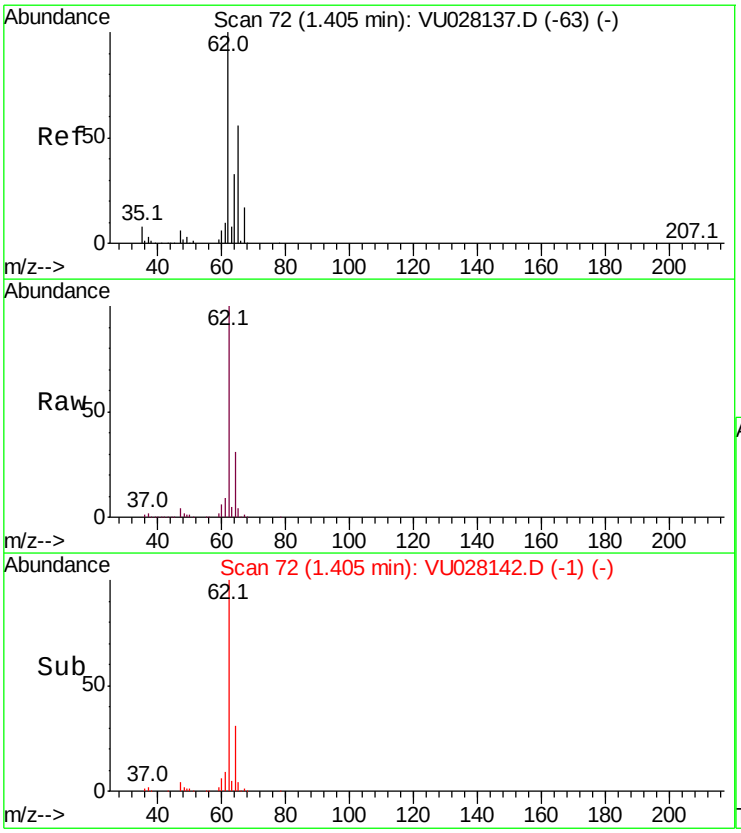
#3
Chloromethane
Concen: 0.479 ug/L
RT: 1.40 min Scan# 72
Delta R.T. 0.07 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Tgt Ion: 50 Resp: 7154

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.0	42.6#



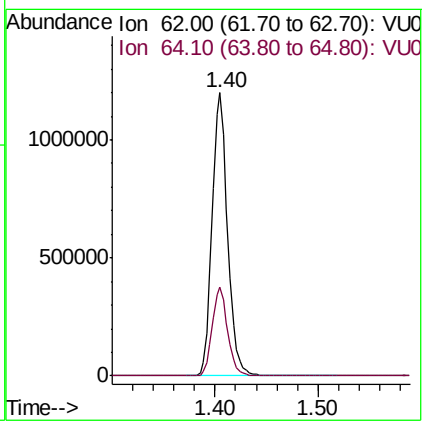
Instrument :
MSVOA_U
ClientSampleId :

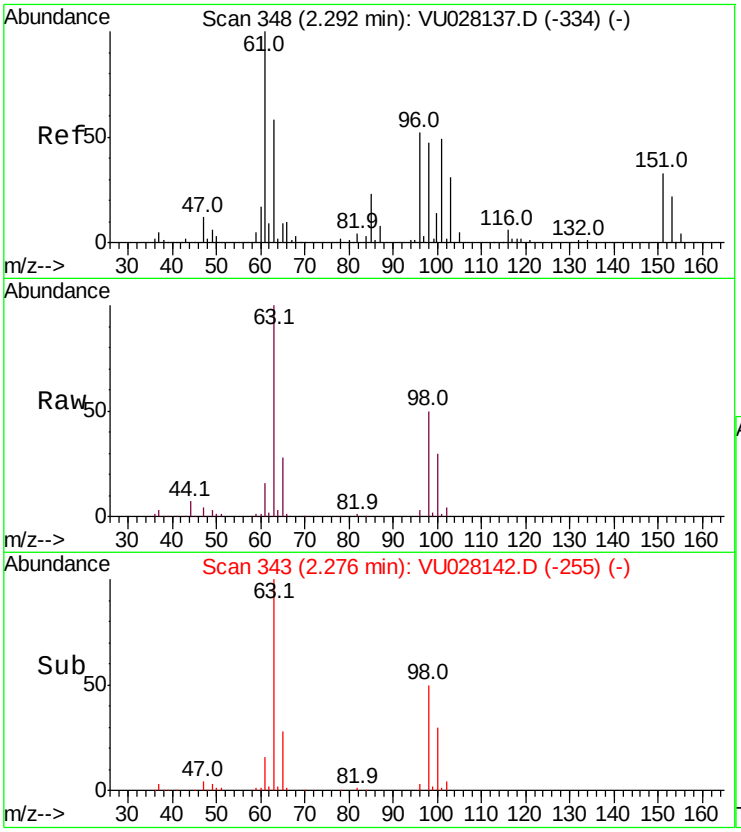


#5
Vinyl chloride
Concen: 87.473 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Tgt Ion: 62 Resp: 1239999

Ion	Ratio	Lower	Upper
62	100		
64	31.3	22.7	42.3



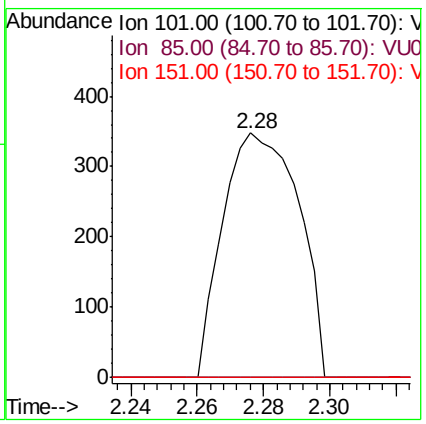


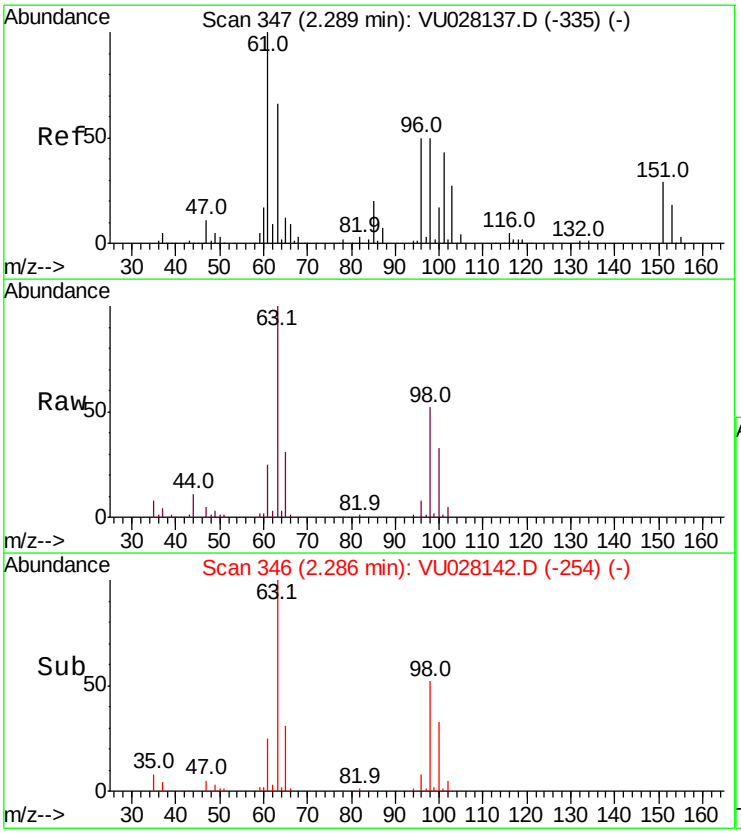
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.064 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.02 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 554

Ion	Ratio	Lower	Upper
101	100		
85	52.3	37.6	56.4
151	0.0	58.2	87.2#

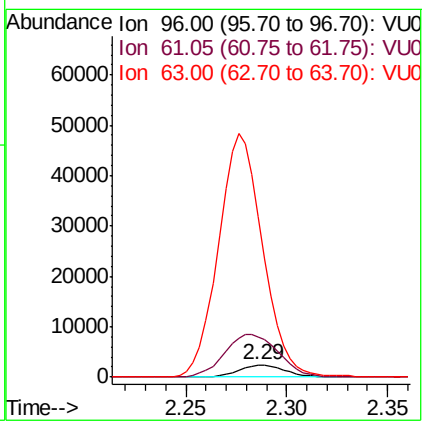


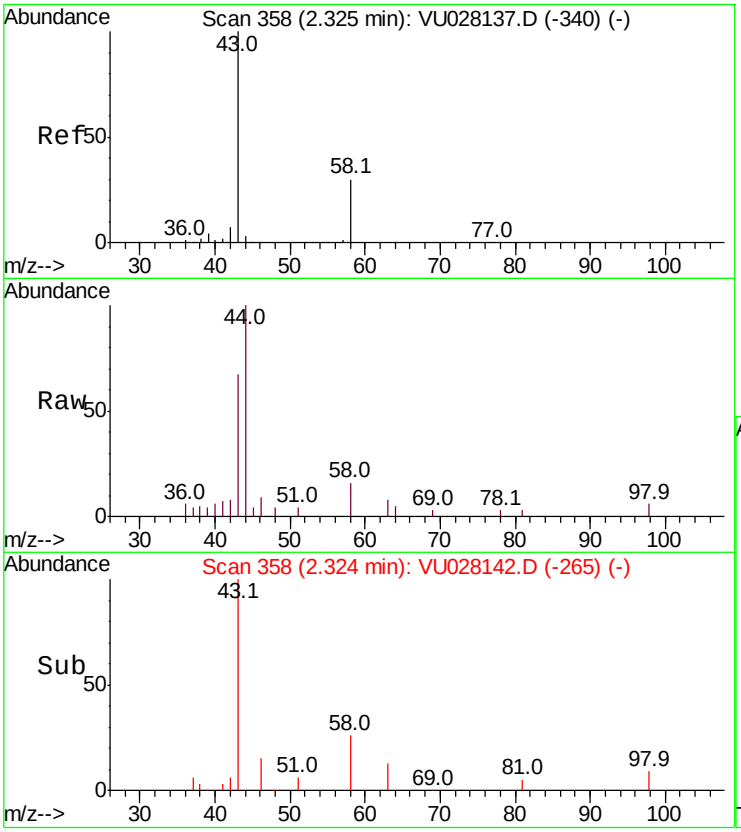


#12
1,1-Dichloroethene
Concen: 0.448 ug/L
RT: 2.29 min Scan# 346
Delta R.T. -0.00 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Tgt Ion: 96 Resp: 3945

Ion	Ratio	Lower	Upper
96	100		
61	324.8	134.8	250.3#
63	1286.1	100.1	185.9#



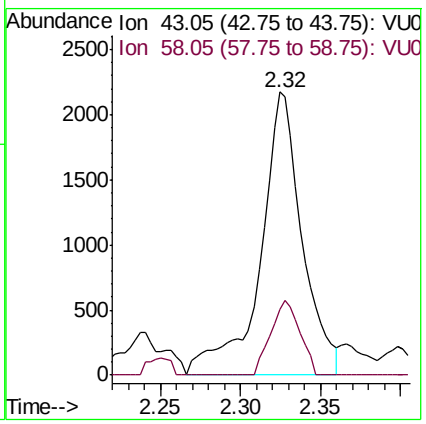


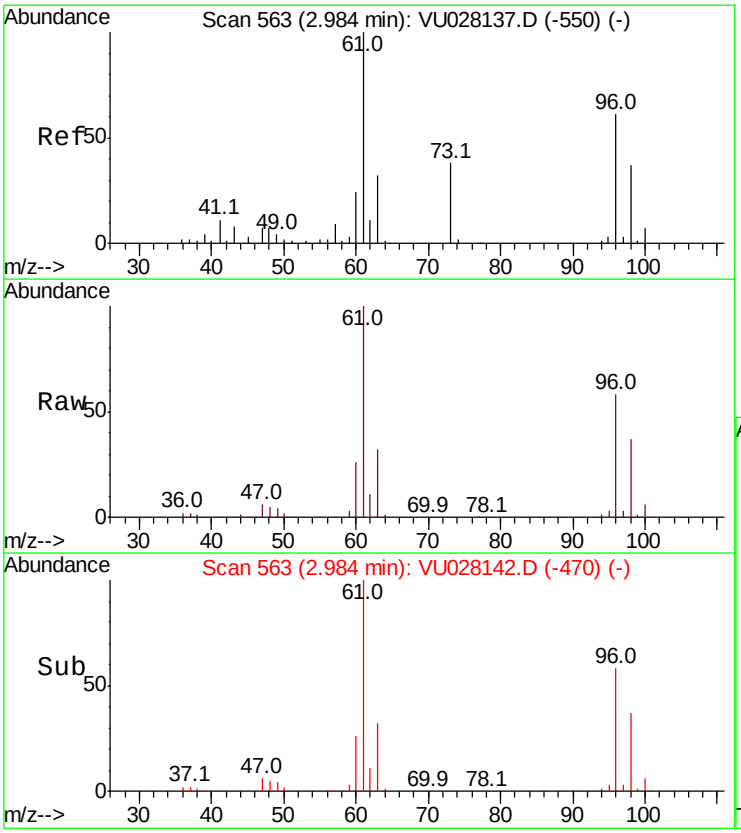
#13
Acetone
Concen: 1.838 ug/L
RT: 2.32 min Scan# 358
Delta R.T. -0.00 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 3942

Ion	Ratio	Lower	Upper
43	100		
58	18.5	0.0	61.6

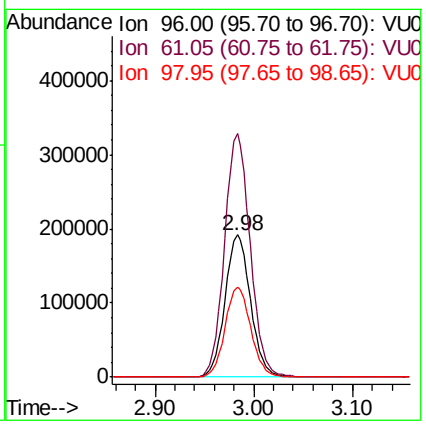


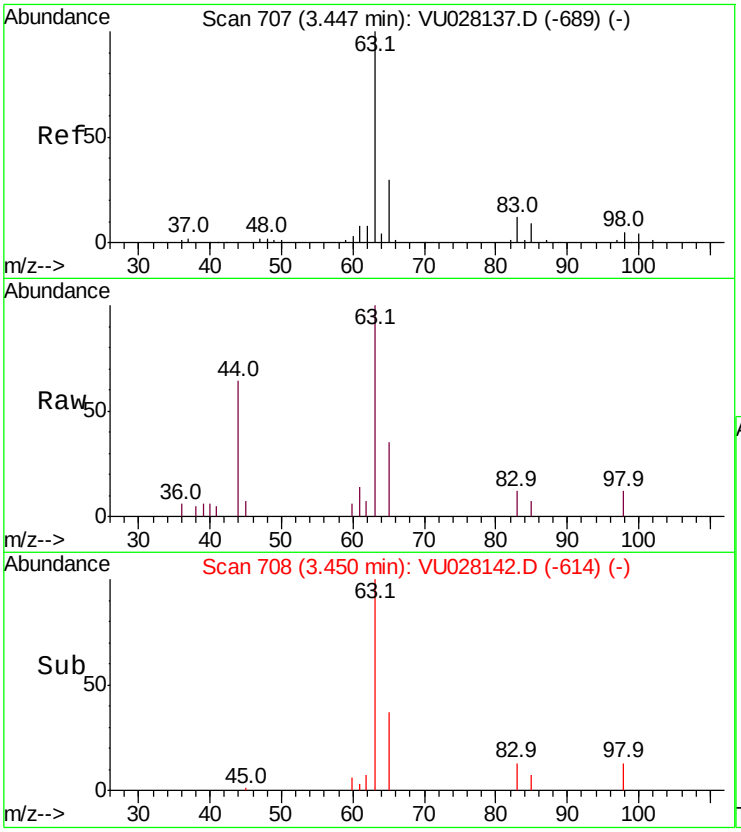


#18
trans-1,2-Dichloroethene
Concen: 36.912 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Tgt Ion: 96 Resp: 345338

Ion	Ratio	Lower	Upper
96	100		
61	171.6	118.5	220.1
98	63.6	44.9	83.5



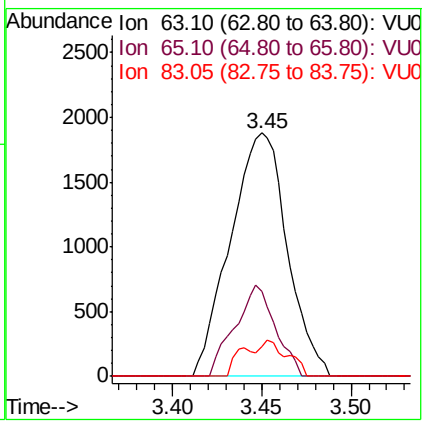


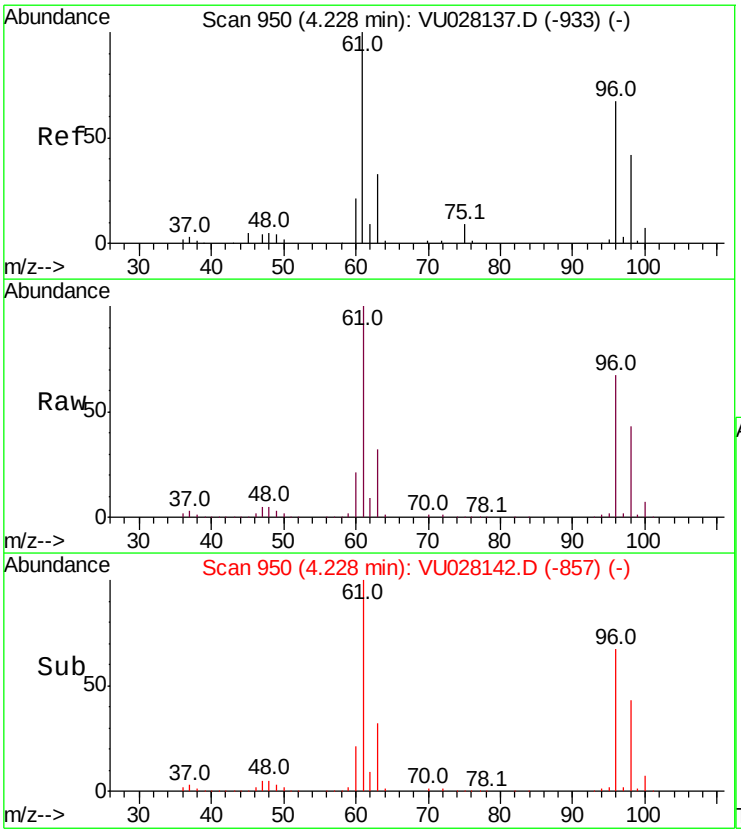
#19
1,1-Dichloroethane
Concen: 0.212 ug/L
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4169

Ion	Ratio	Lower	Upper
63	100		
65	34.8	22.2	41.2
83	12.4	8.9	16.5

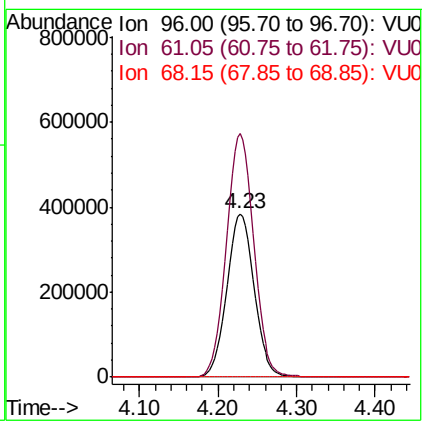


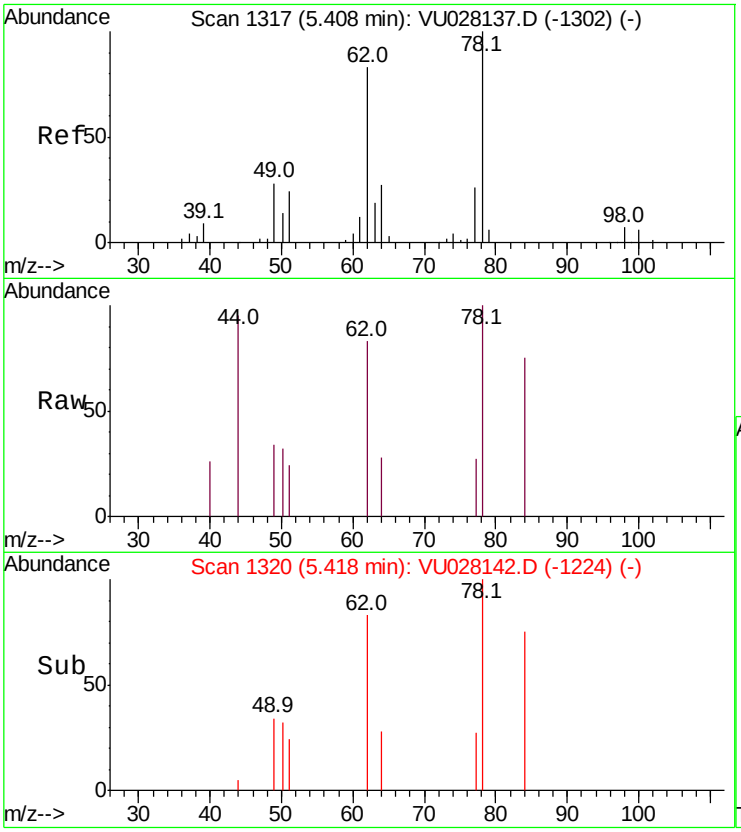


#22
cis-1,2-Dichloroethene
Concen: 89.396 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Tgt Ion: 96 Resp: 922137

Ion	Ratio	Lower	Upper
96	100		
61	148.9	101.8	189.0
68	0.0	0.0	0.0



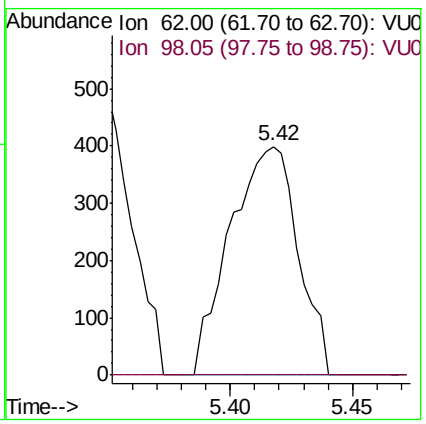


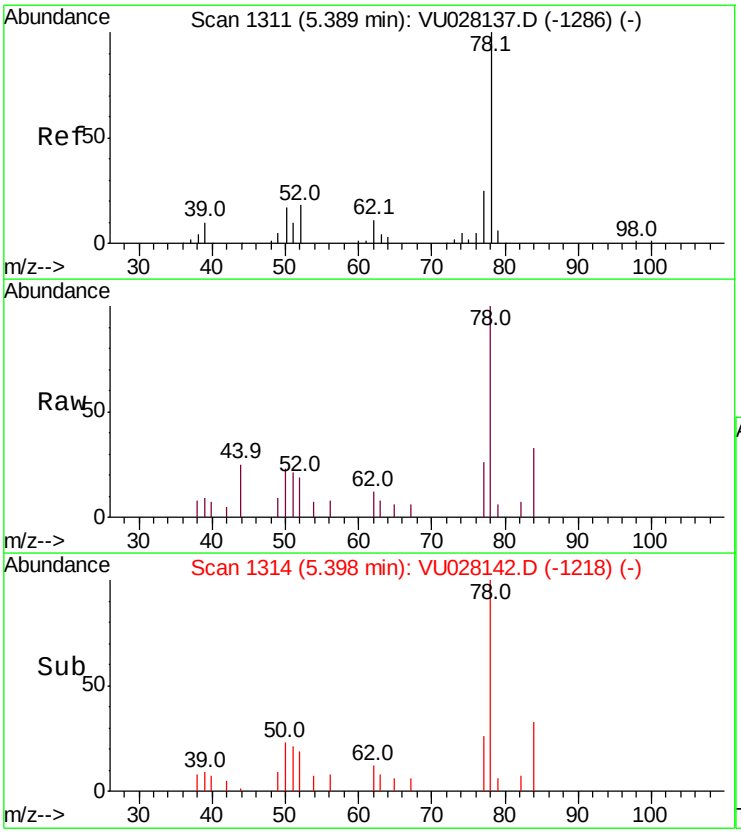
#27
1,2-Dichloroethane
Concen: 0.067 ug/L
RT: 5.42 min Scan# 1320
Delta R.T. 0.01 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 772

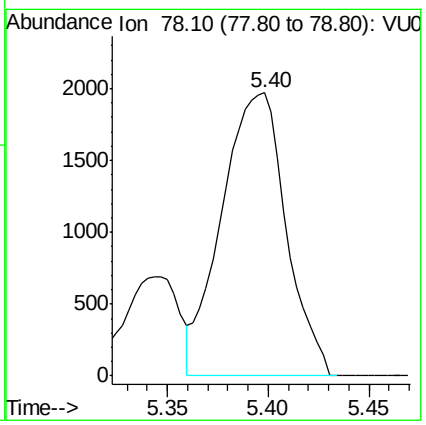
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.4#

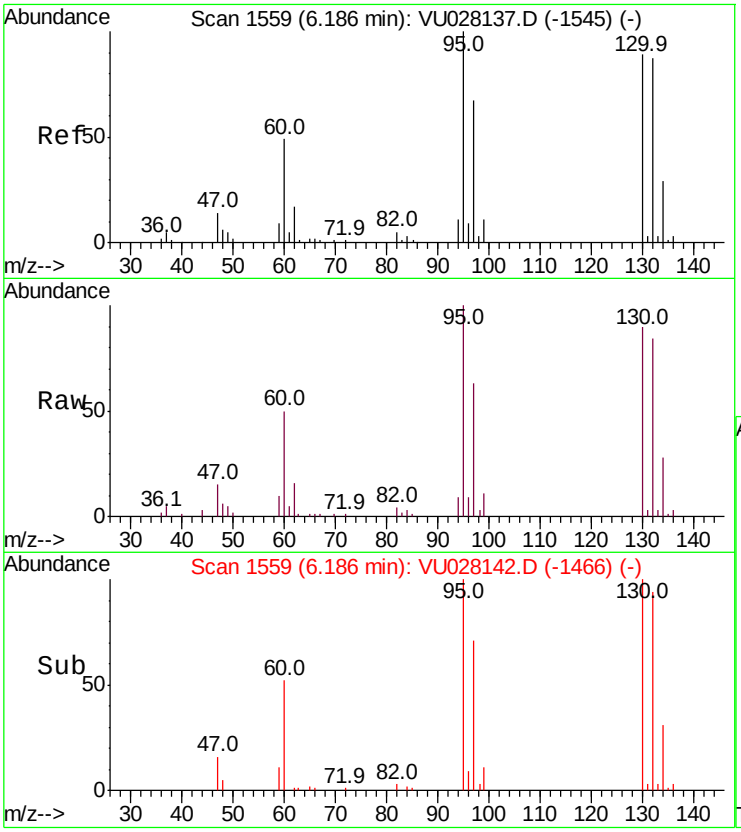




#33
Benzene
Concen: 0.106 ug/L
RT: 5.40 min Scan# 1314
Delta R.T. 0.01 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Tgt Ion: 78 Resp: 4395



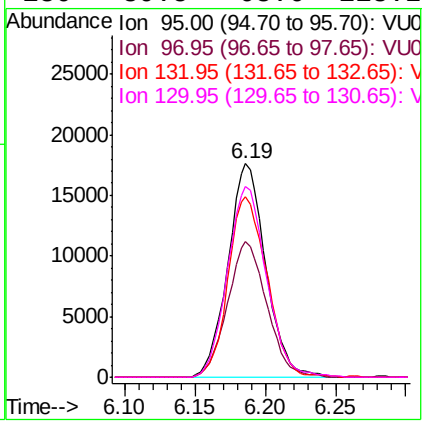


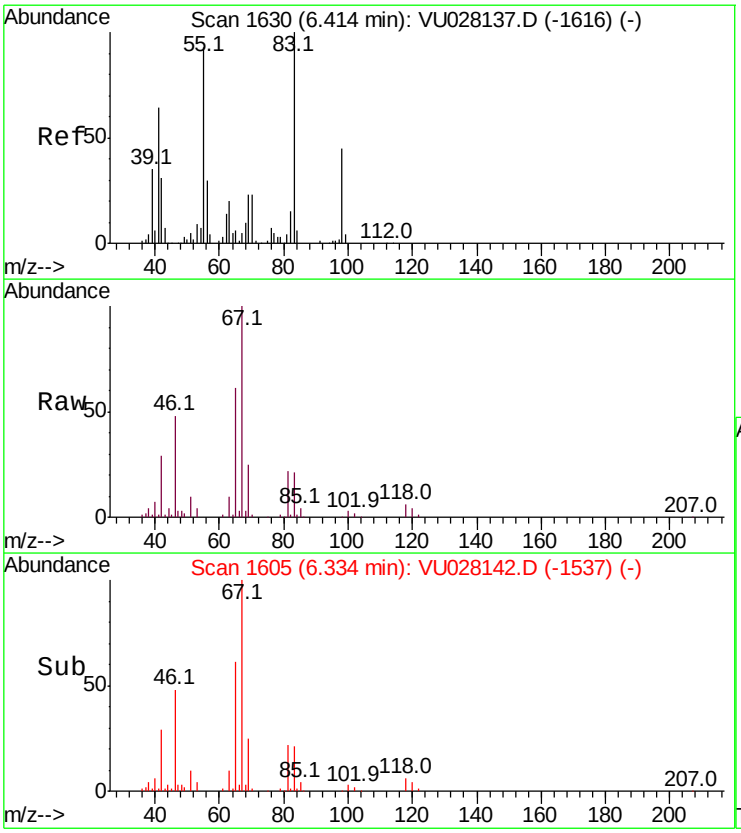
#34
Trichloroethene
Concen: 3.221 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 33072

Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.3	84.1
132	84.3	63.0	117.0
130	89.5	63.6	118.2

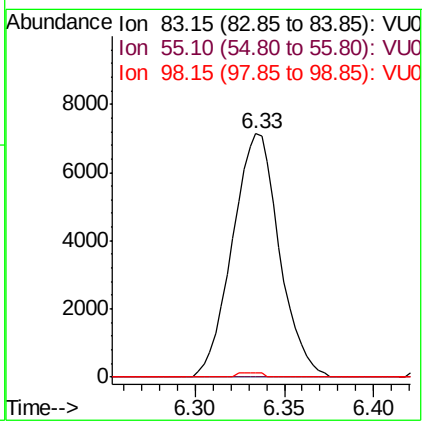


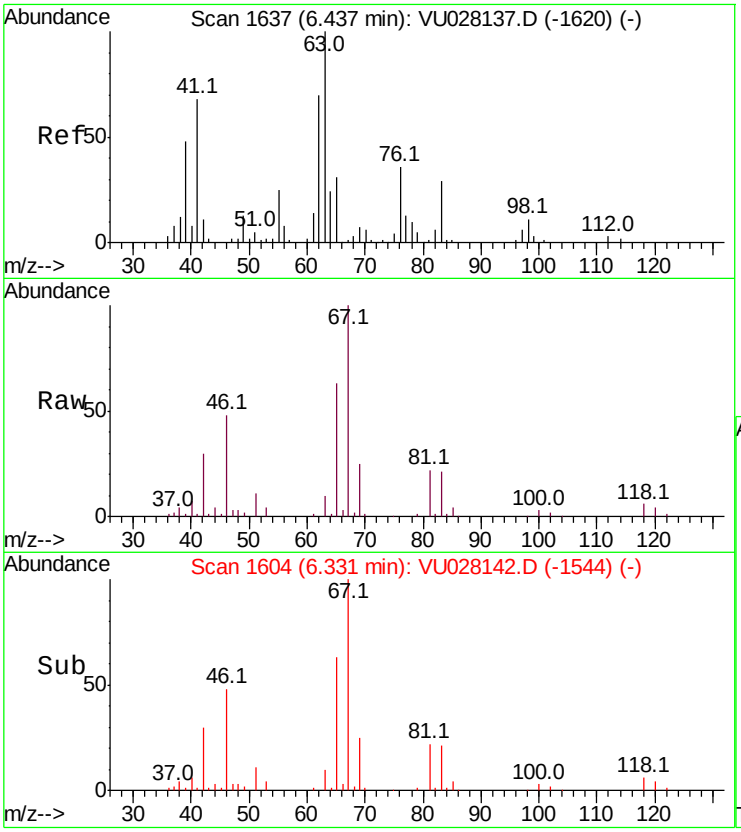


#35
Methylcyclohexane
Concen: 0.739 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Tgt Ion: 83 Resp: 13042

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.0	103.4#
98	0.9	33.3	49.9#



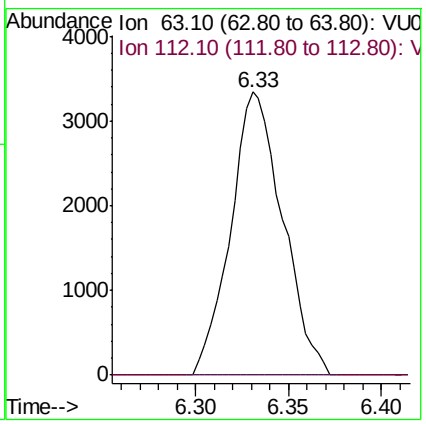


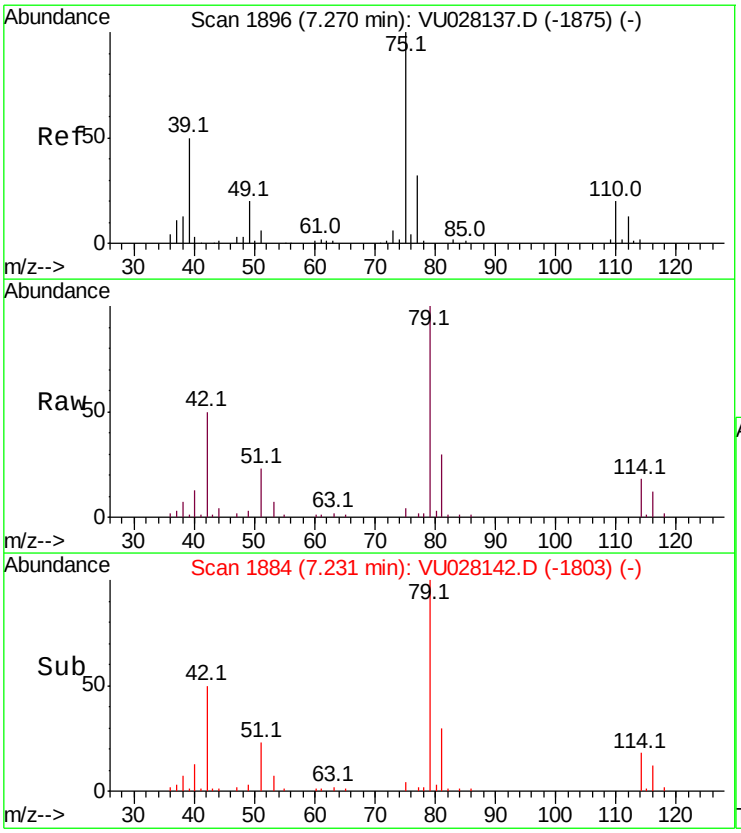
#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.11 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6504

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.4#

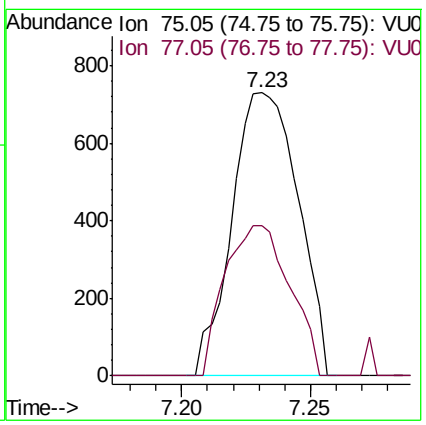


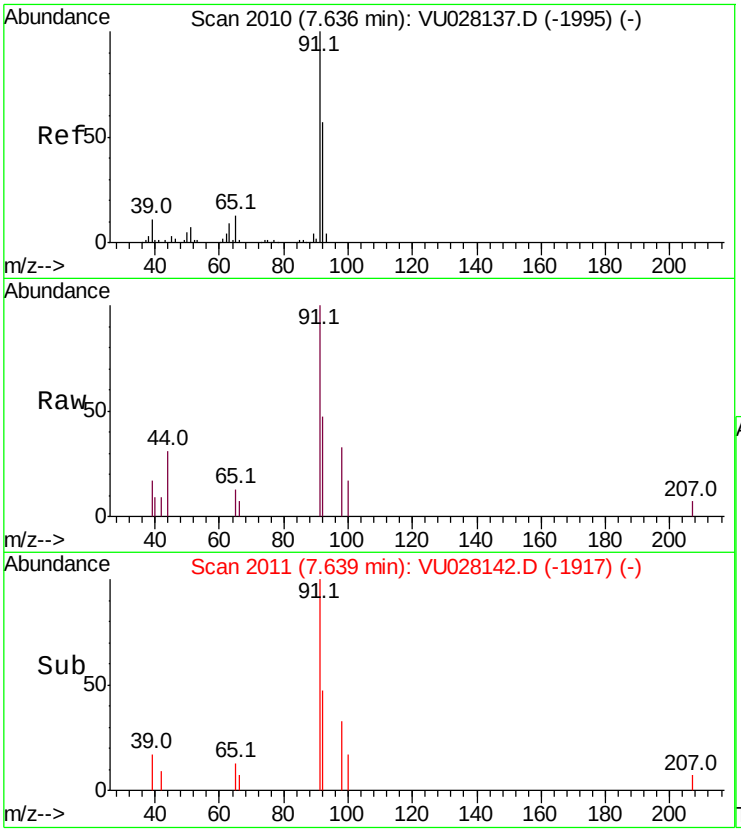


#39
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Tgt Ion: 75 Resp: 1312

Ion	Ratio	Lower	Upper
75	100		
77	53.0	20.9	38.9#



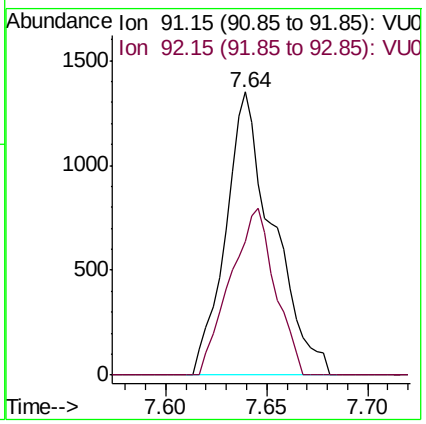


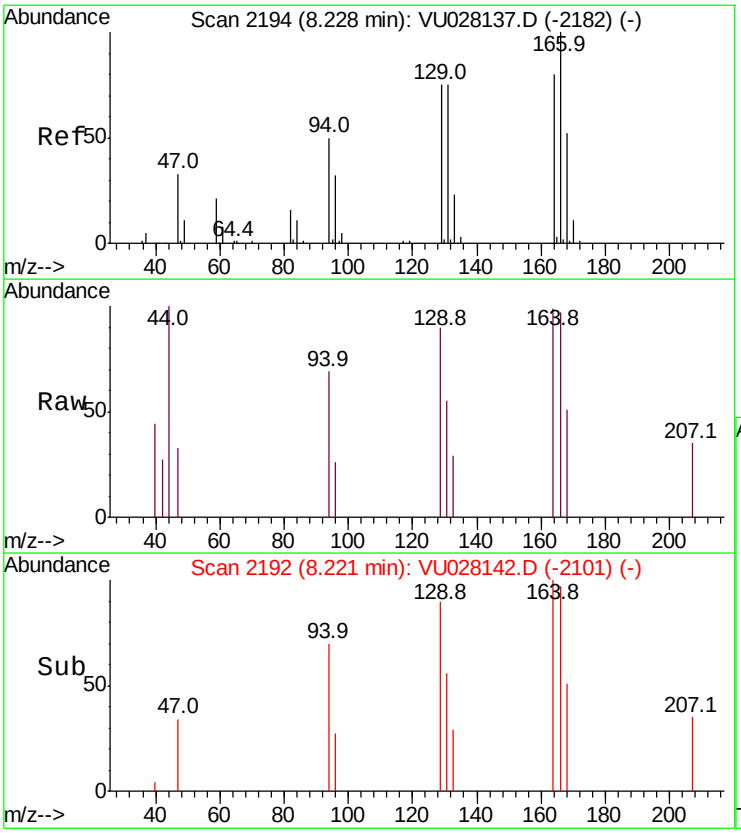
#42
Toluene
Concen: 0.052 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 2218

Ion	Ratio	Lower	Upper
91	100		
92	47.4	40.7	75.7

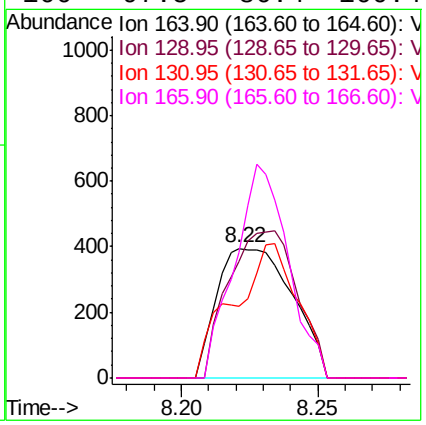


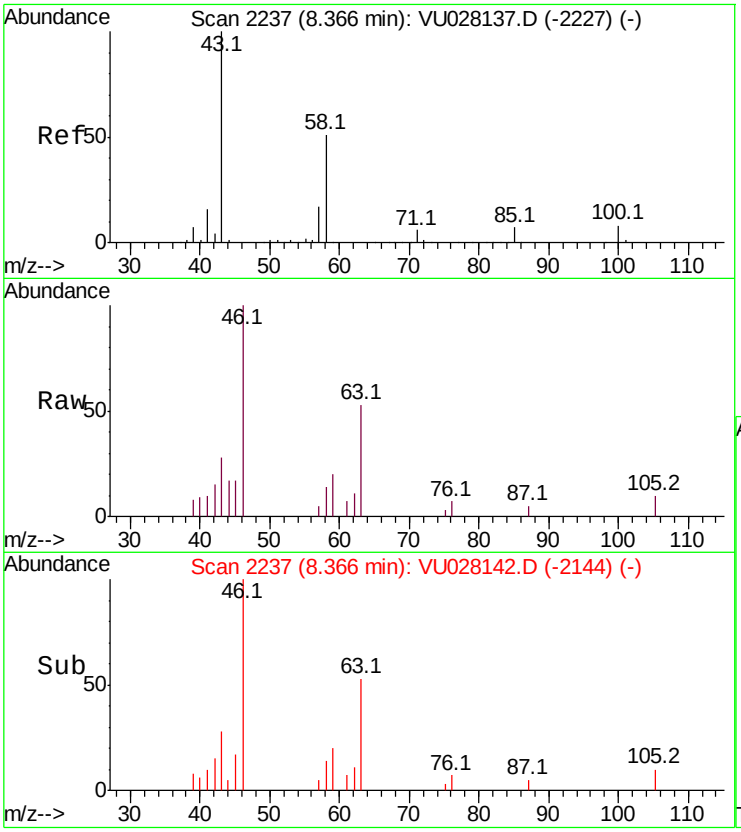


#47
Tetrachloroethene
Concen: 0.091 ug/L
RT: 8.22 min Scan# 2192
Delta R.T. -0.01 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Tgt Ion:164 Resp: 760

Ion	Ratio	Lower	Upper
164	100		
129	90.4	69.7	129.4
131	55.8	64.0	118.8#
166	97.5	86.4	160.4



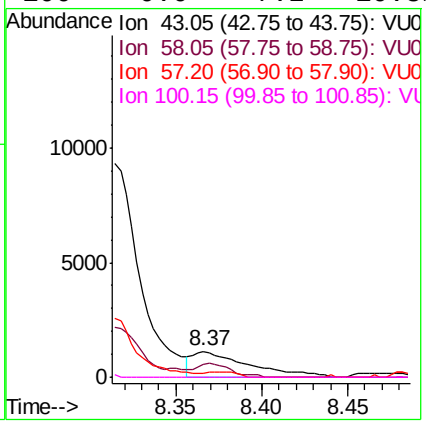


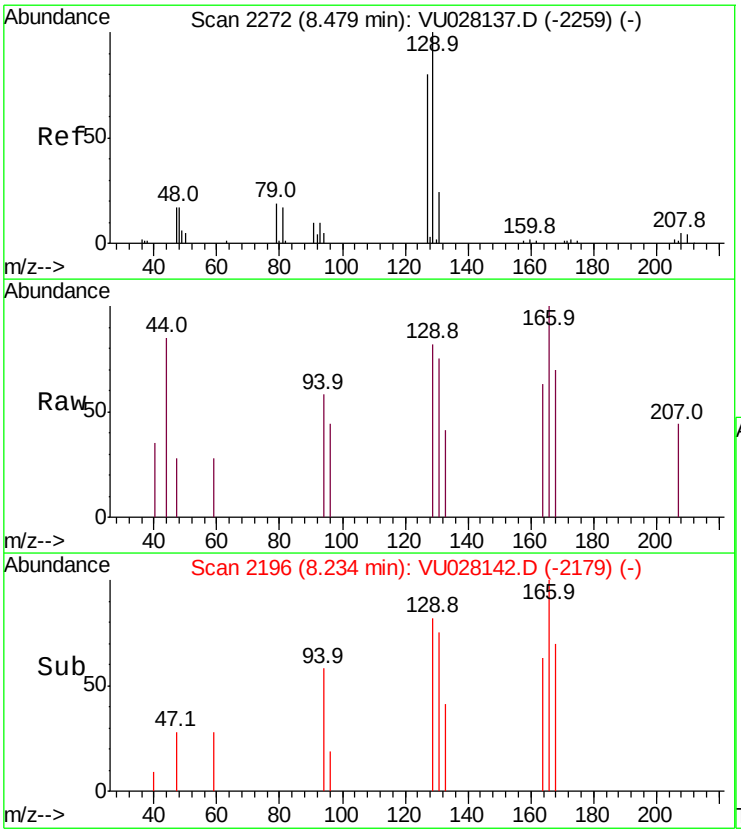
#48
2-Hexanone
Concen: 0.457 ug/L
RT: 8.37 min Scan# 2237
Delta R.T. -0.00 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 2573

Ion	Ratio	Lower	Upper
43	100		
58	33.5	41.7	62.5#
57	11.5	14.0	21.0#
100	0.0	7.2	10.8#

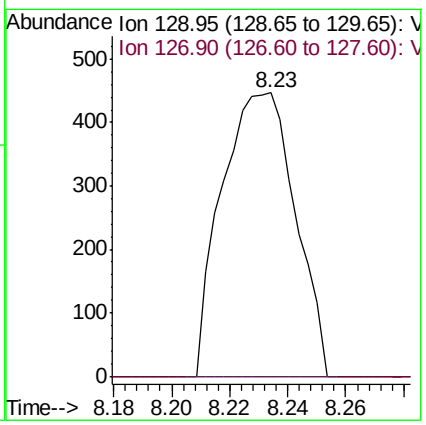


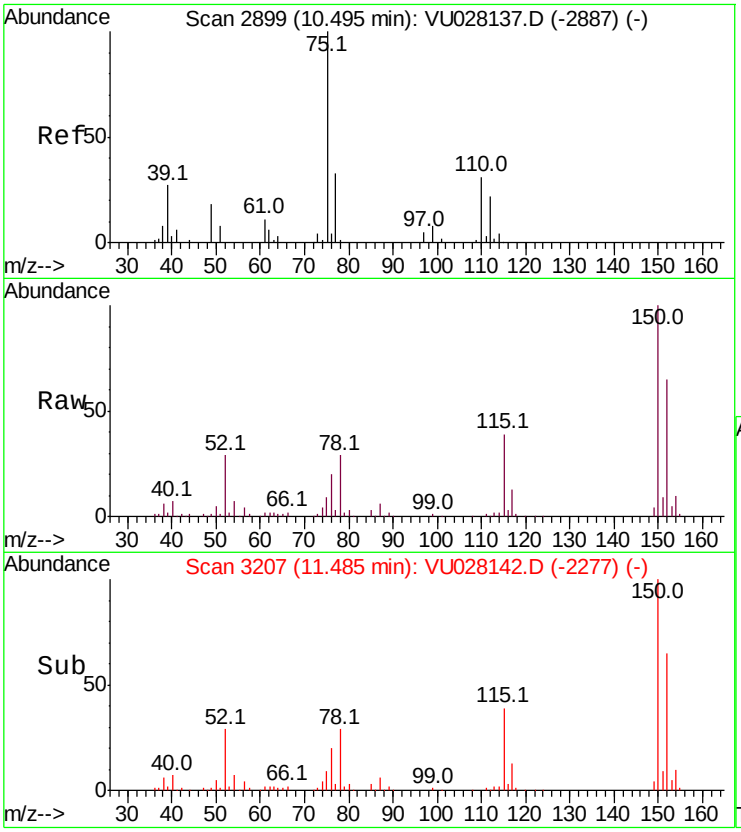


#49
Dibromochloromethane
Concen: 0.106 ug/L
RT: 8.23 min Scan# 2196
Delta R.T. -0.24 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Tgt Ion:129 Resp: 784

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#59
1,2,3-Trichloropropane
Concen: 1.293 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028142.D
Acq: 15 Nov 2018 00:31

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 8343

Ion	Ratio	Lower	Upper
75	100		
77	36.1	25.4	38.0