Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028202.D
Acq On : 16 Nov 2018 22:33
Operator : MD/SY
Sample : J5960-04MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 17 00:04:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 23:59:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	148556	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145117	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	61927	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	43209	3.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.00%			
7) Chloroethane-d5	1.68	69	40281	4.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.20%			
11) 1,1-Dichloroethene-d2	2.28	63	91600	3.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.60%			
20) 2-Butanone-d5	4.20	46	208216	58.24	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.48%			
24) Chloroform-d	4.65	84	90702	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.31	65	54288	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.34	84	174868	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%			
36) 1,2-Dichloropropane-d6	6.33	67	68414	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	7.57	98	141758	3.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.00%			
43) trans-1,3-Dichloropropene-	7.85	79	18249	3.43	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 68.60%			
46) 2-Hexanone-d5	8.31	63	148306	48.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.70%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	50603	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	54399	4.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.00%			
Target Compounds						Qvalue
8) Chloroethane	1.66	64	1014	0.106	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	735	0.075	ug/L #	20
12) 1,1-Dichloroethene	2.29	96	45200	4.576	ug/L	89
13) Acetone	2.34	43	3450	1.433	ug/L	80
27) 1,2-Dichloroethane	5.39	62	2425	0.186	ug/L #	76
33) Benzene	5.39	78	238279	4.874	ug/L	100
34) Trichloroethene	6.19	95	54594	4.518	ug/L	92
35) Methylcyclohexane	6.33	83	14294	0.688	ug/L #	16
37) 1,2-Dichloropropane	6.34	63	6937	0.513	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1245	0.068	ug/L #	23
42) Toluene	7.64	91	231390	4.590	ug/L	95
48) 2-Hexanone	8.37	43	2490	0.376	ug/L #	90
49) Dibromochloromethane	8.23	129	375	0.043	ug/L #	11
51) Chlorobenzene	9.12	112	134159	4.552	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	9670	1.273	ug/L	96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028202.D
Acq On : 16 Nov 2018 22:33
Operator : MD/SY
Sample : J5960-04MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 17 00:04:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 23:59:22 2018
Response via : Initial Calibration

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

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028202.D
Acq On : 16 Nov 2018 22:33
Operator : MD/SY
Sample : J5960-04MS
Misc : 25.0mL/MSVOA_U/WATER
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MSVOA_U
ClientSampleId :

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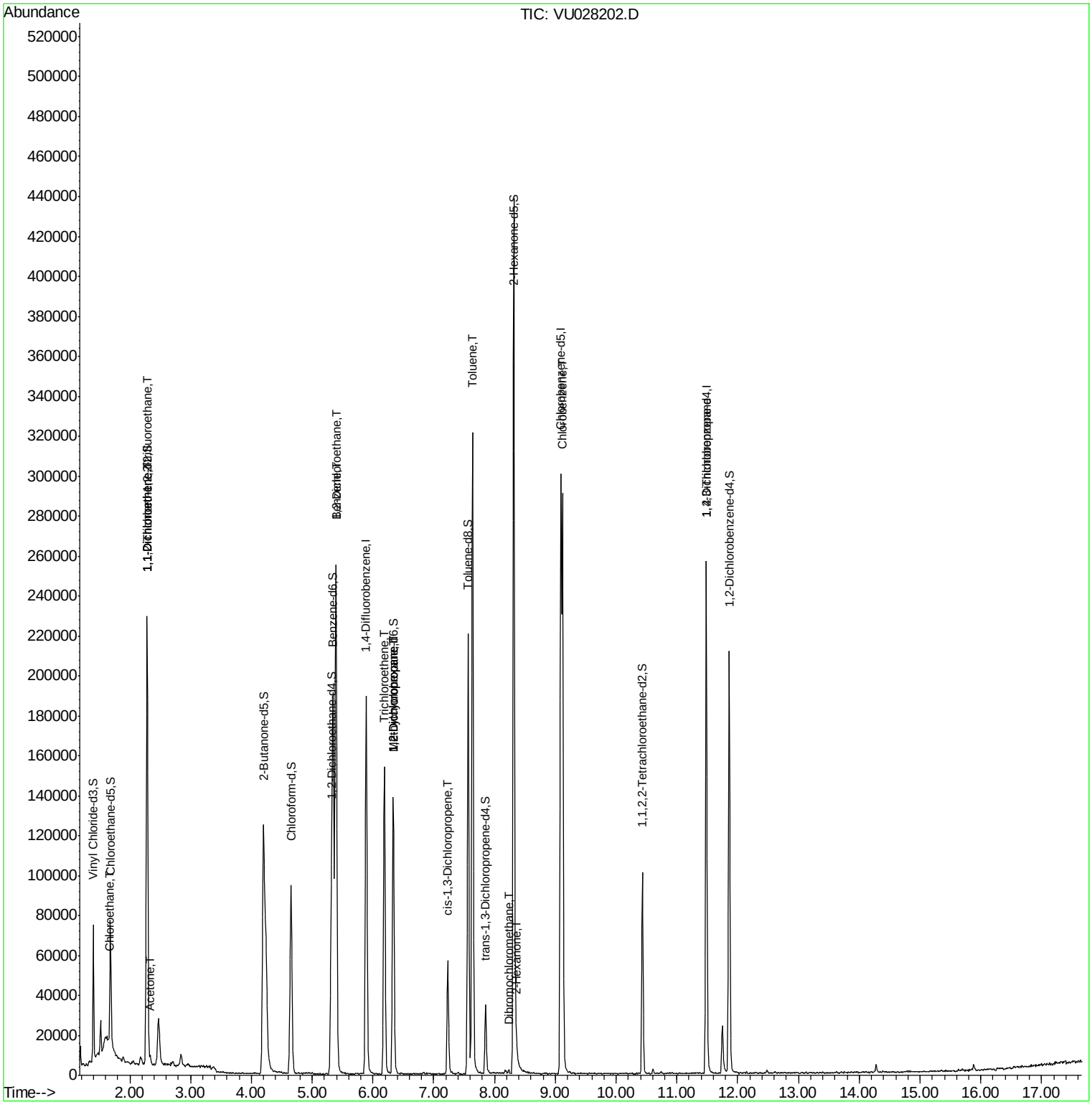
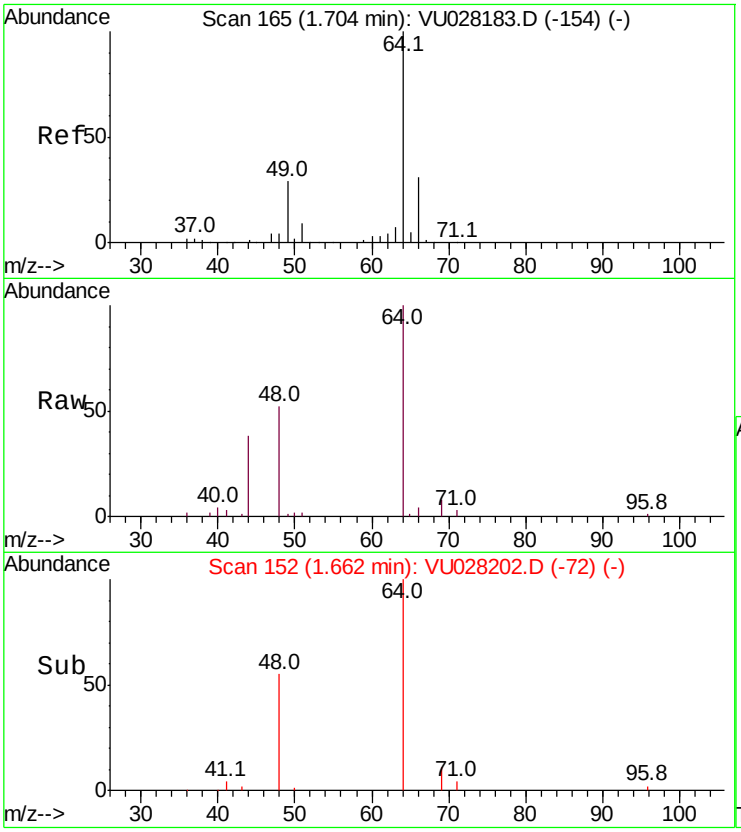
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 23:59:22 2018
Response via : Initial Calibration



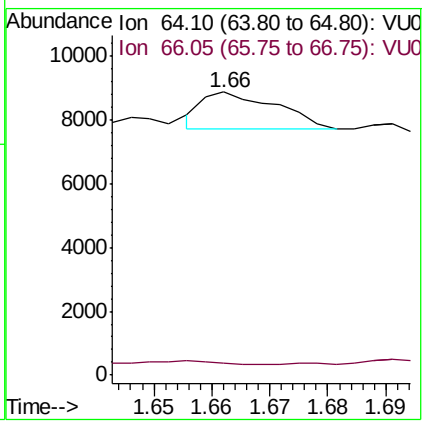


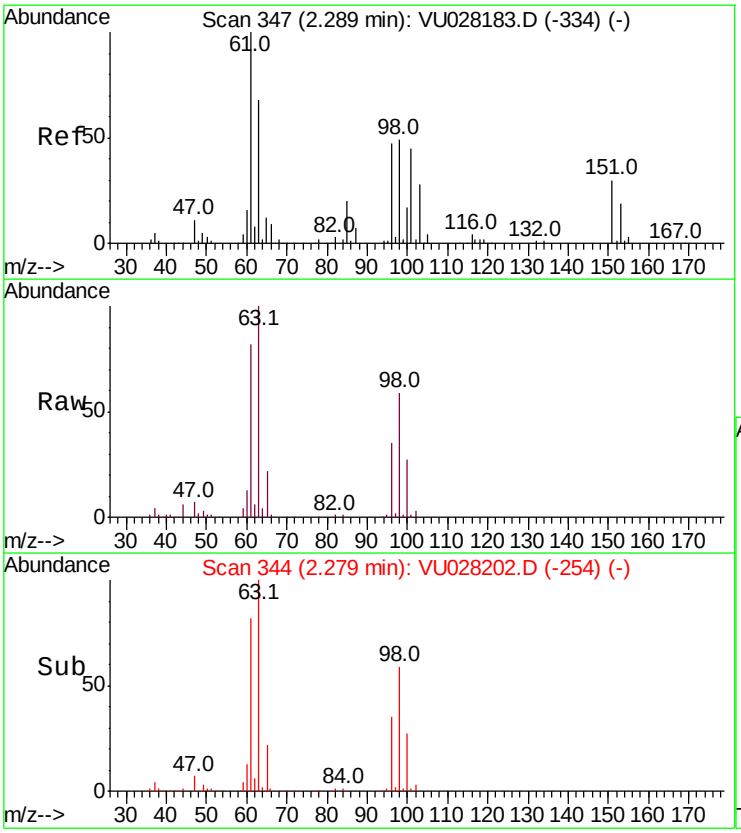
#8
Chloroethane
Concen: 0.106 ug/L
RT: 1.66 min Scan# 152
Delta R.T. -0.04 min
Lab File: VU028202.D
Acq: 16 Nov 2018 22:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 1014

Ion	Ratio	Lower	Upper
64	100		
66	4.5	23.1	42.9#

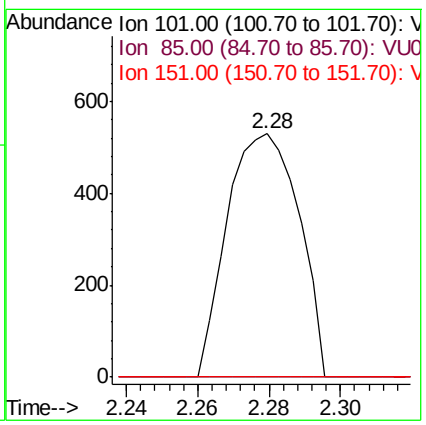


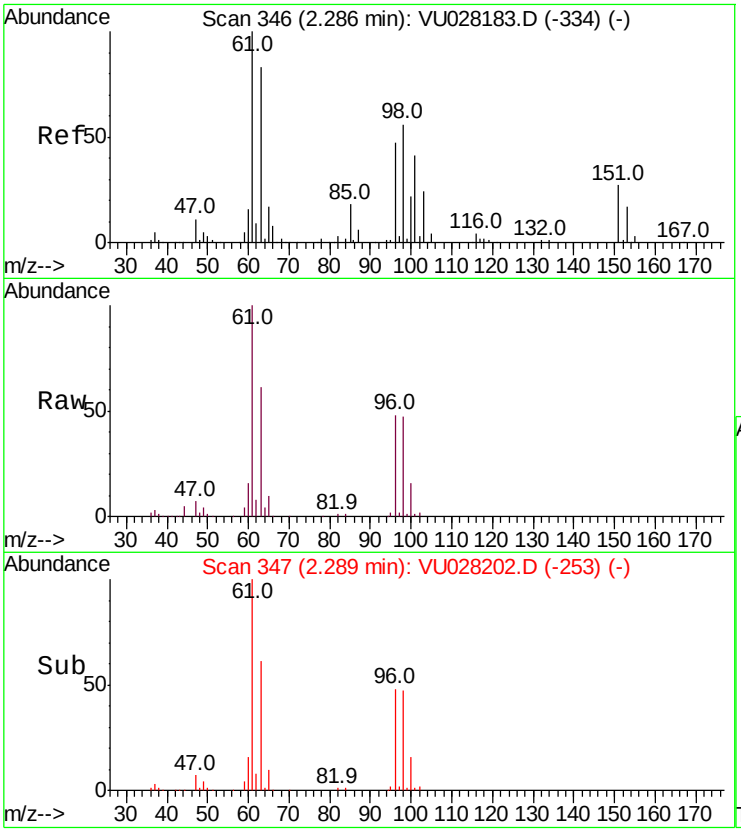


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028202.D
Acq: 16 Nov 2018 22:33

Tgt Ion:101 Resp: 735

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



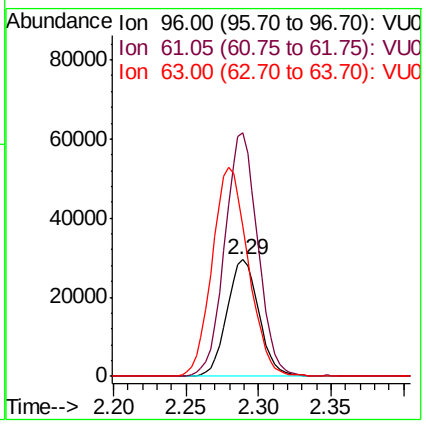


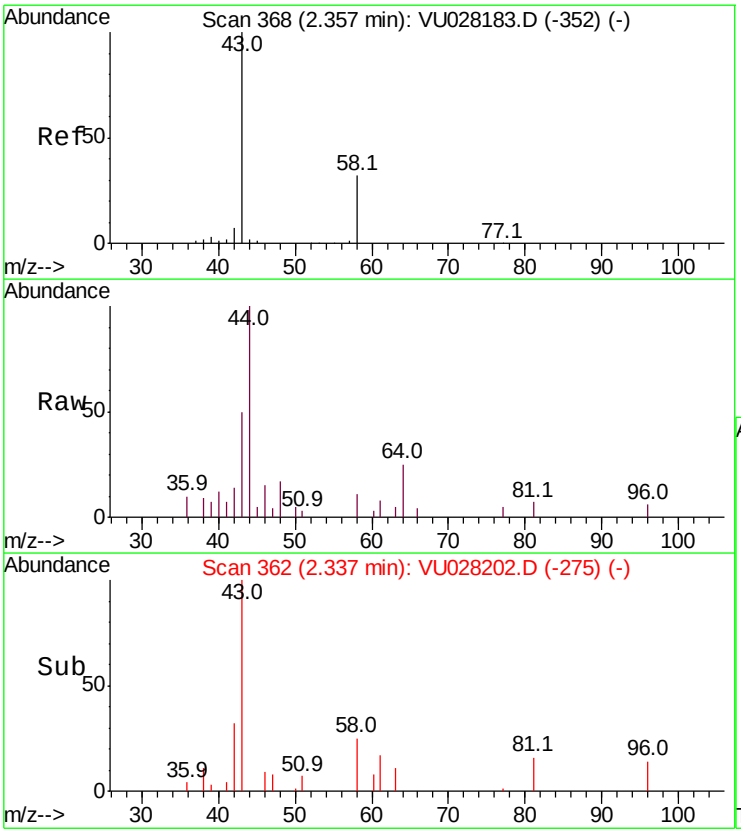
#12
1,1-Dichloroethene
Concen: 4.576 ug/L
RT: 2.29 min Scan# 347
Delta R.T. 0.00 min
Lab File: VU028202.D
Acq: 16 Nov 2018 22:33

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 45200

Ion	Ratio	Lower	Upper
96	100		
61	209.2	134.8	250.3
63	128.6	100.1	185.9

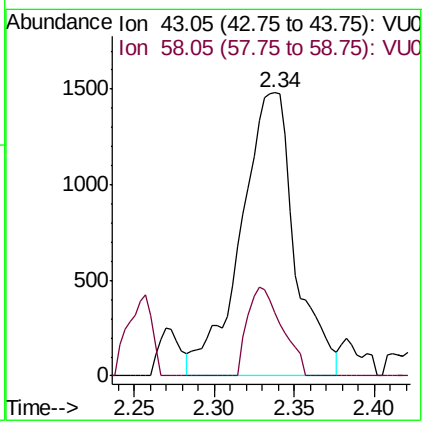


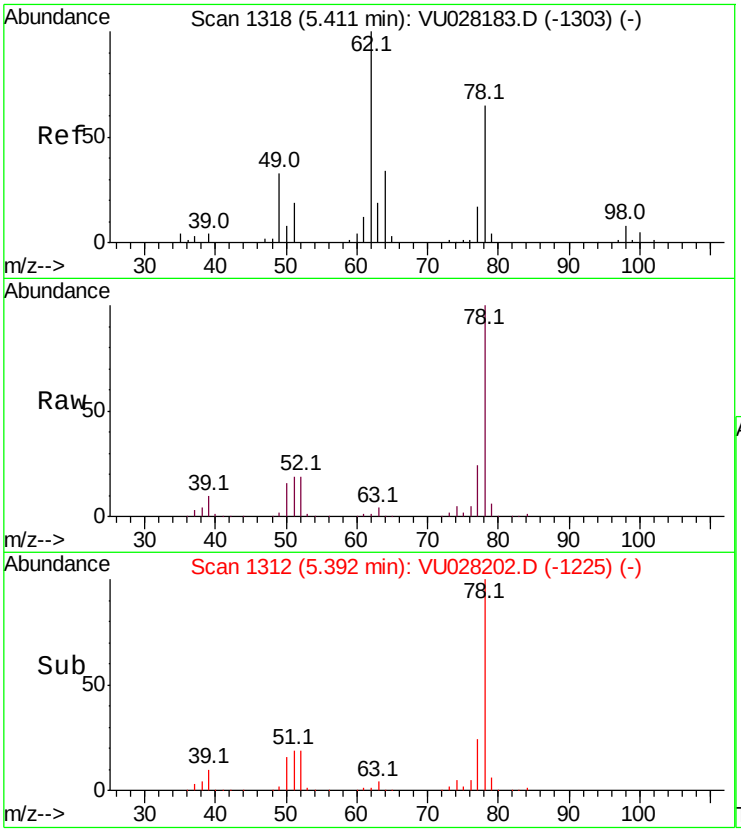


#13
Acetone
Concen: 1.433 ug/L
RT: 2.34 min Scan# 362
Delta R.T. -0.02 min
Lab File: VU028202.D
Acq: 16 Nov 2018 22:33

Tgt Ion: 43 Resp: 3450

Ion	Ratio	Lower	Upper
43	100		
58	19.7	0.0	61.6



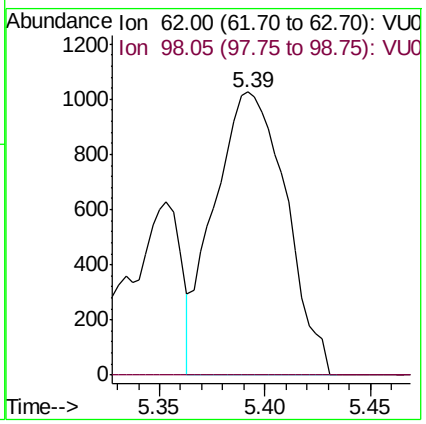


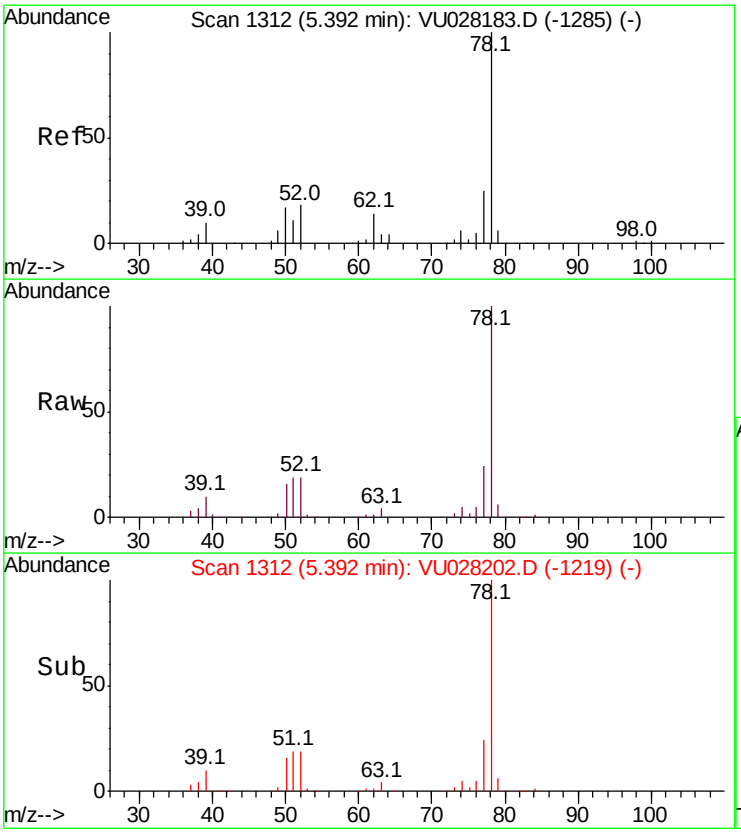
#27
1,2-Dichloroethane
Concen: 0.186 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. -0.02 min
Lab File: VU028202.D
Acq: 16 Nov 2018 22:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 2425

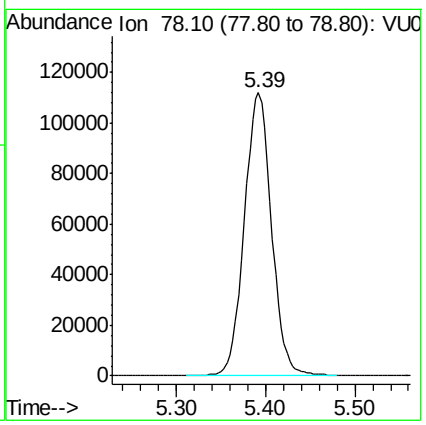
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.4#

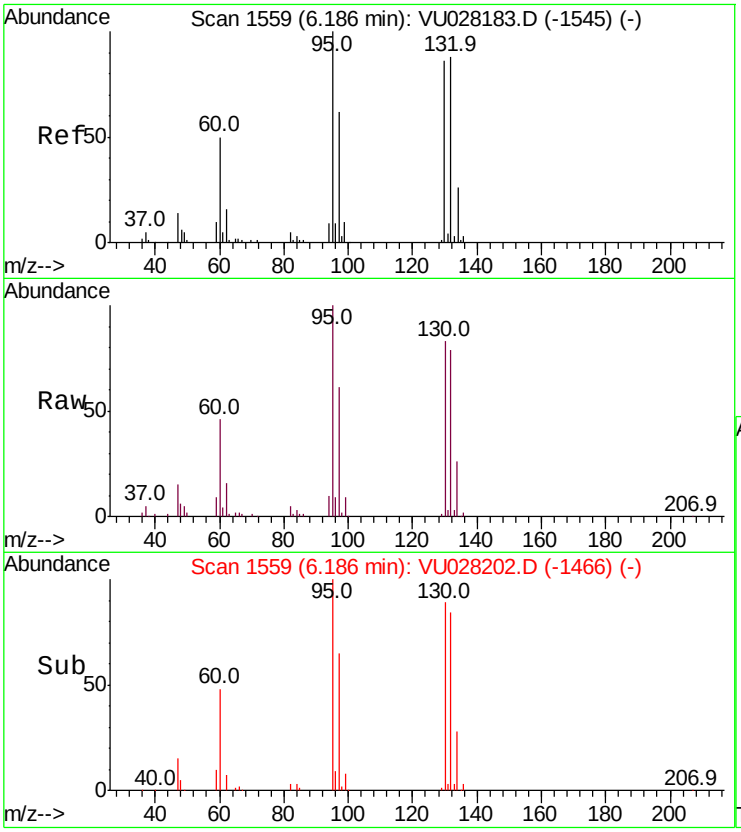




#33
Benzene
Concen: 4.874 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU028202.D
Acq: 16 Nov 2018 22:33

Tgt Ion: 78 Resp: 238279



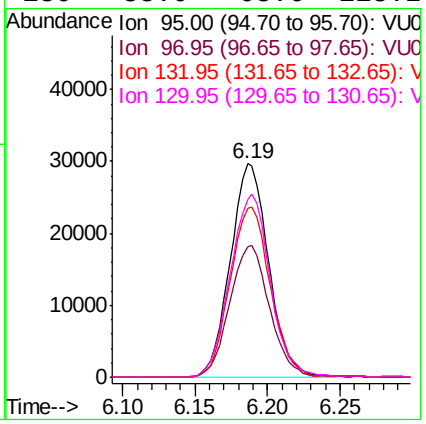


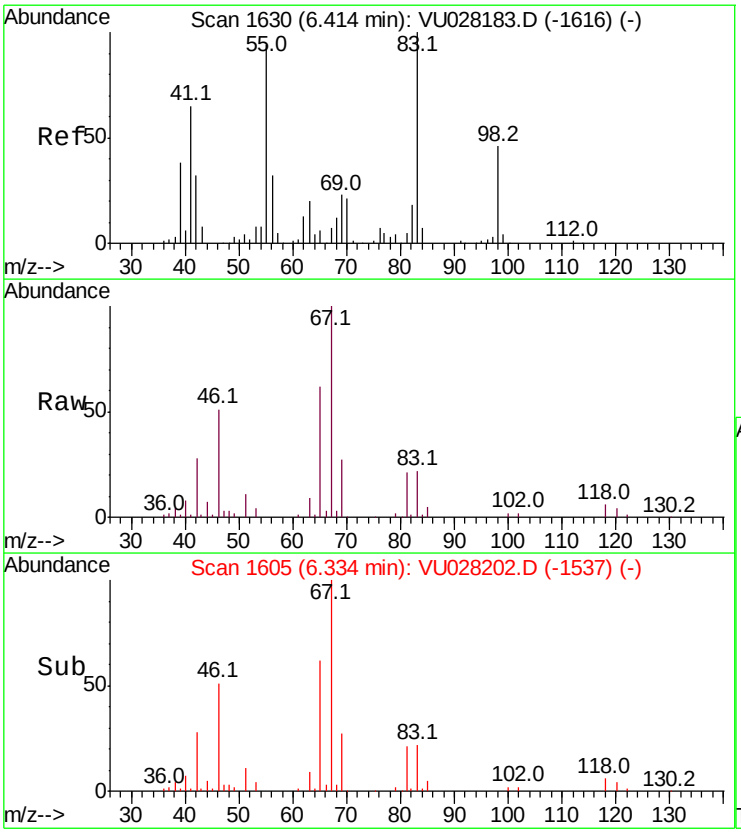
#34
Trichloroethene
Concen: 4.518 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU028202.D
Acq: 16 Nov 2018 22:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 54594

Ion	Ratio	Lower	Upper
95	100		
97	61.3	45.3	84.1
132	79.0	63.0	117.0
130	83.0	63.6	118.2

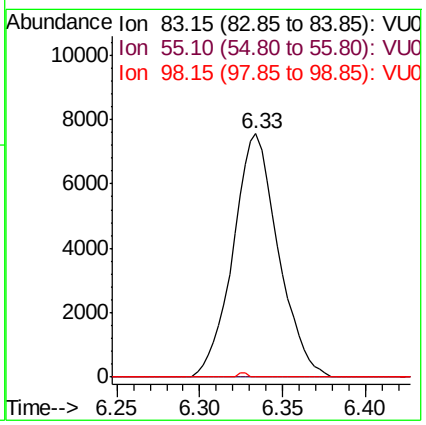


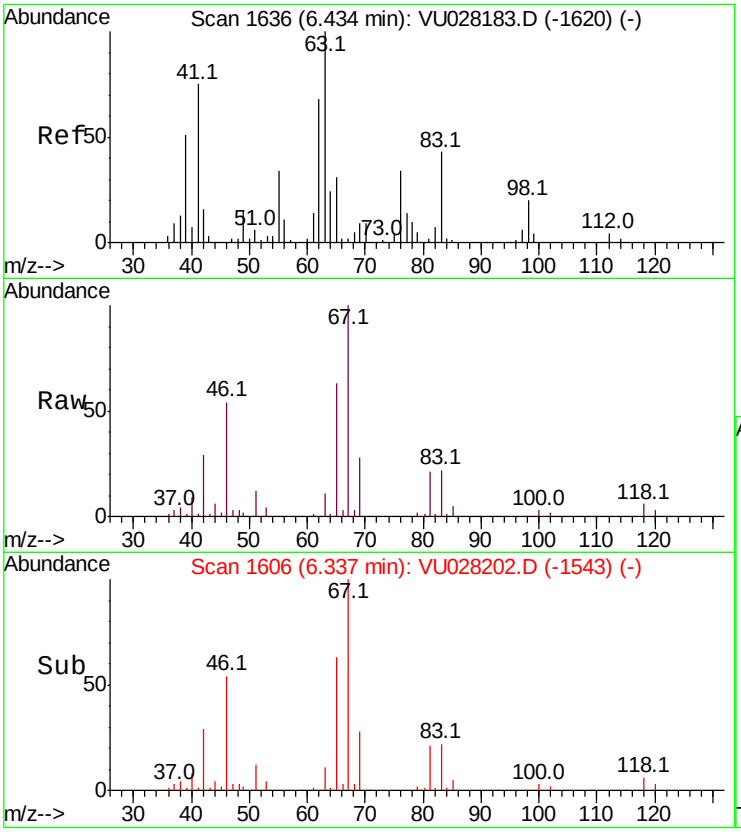


#35
Methylcyclohexane
Concen: 0.688 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028202.D
Acq: 16 Nov 2018 22:33

Tgt Ion: 83 Resp: 14294

Ion	Ratio	Lower	Upper
83	100		
55	0.1	69.0	103.4#
98	0.3	33.3	49.9#



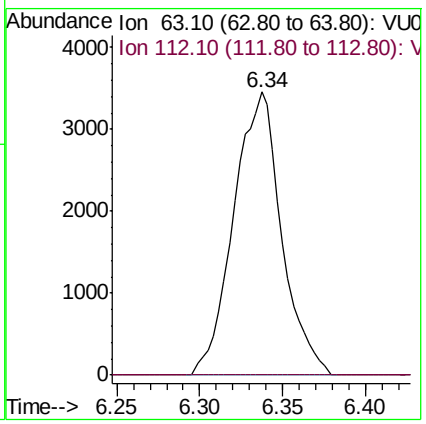


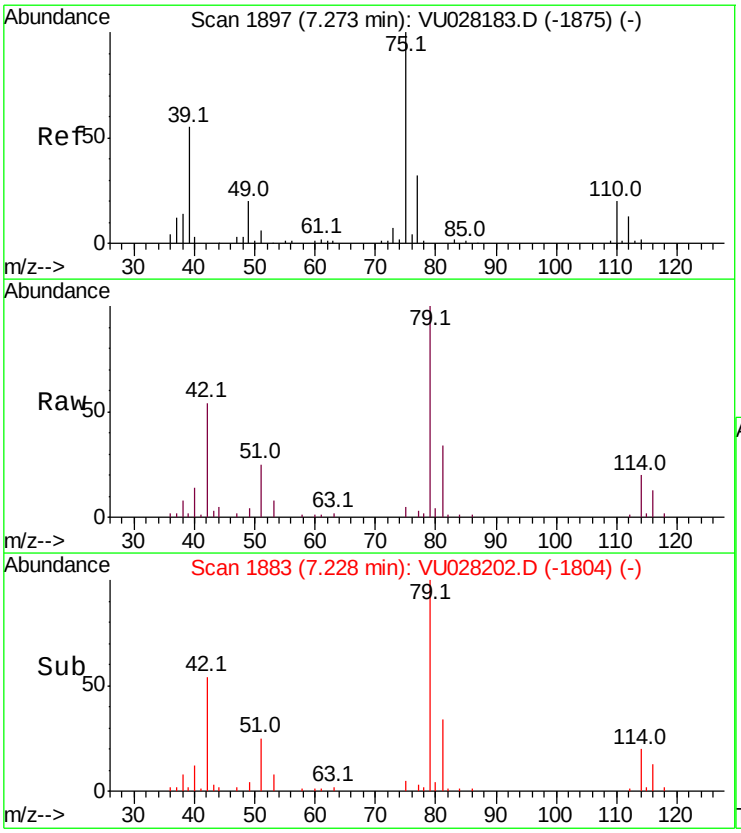
#37
1,2-Dichloropropane
Concen: 0.513 ug/L
RT: 6.34 min Scan# 1606
Delta R.T. -0.10 min
Lab File: VU028202.D
Acq: 16 Nov 2018 22:33

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6937

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.4#

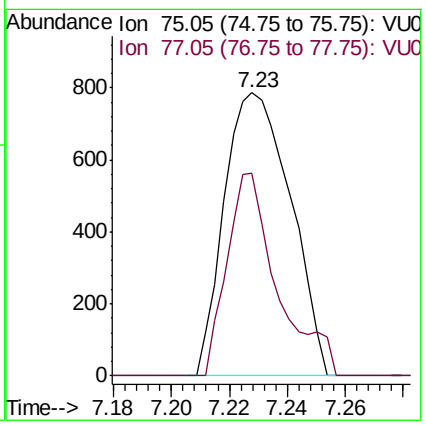


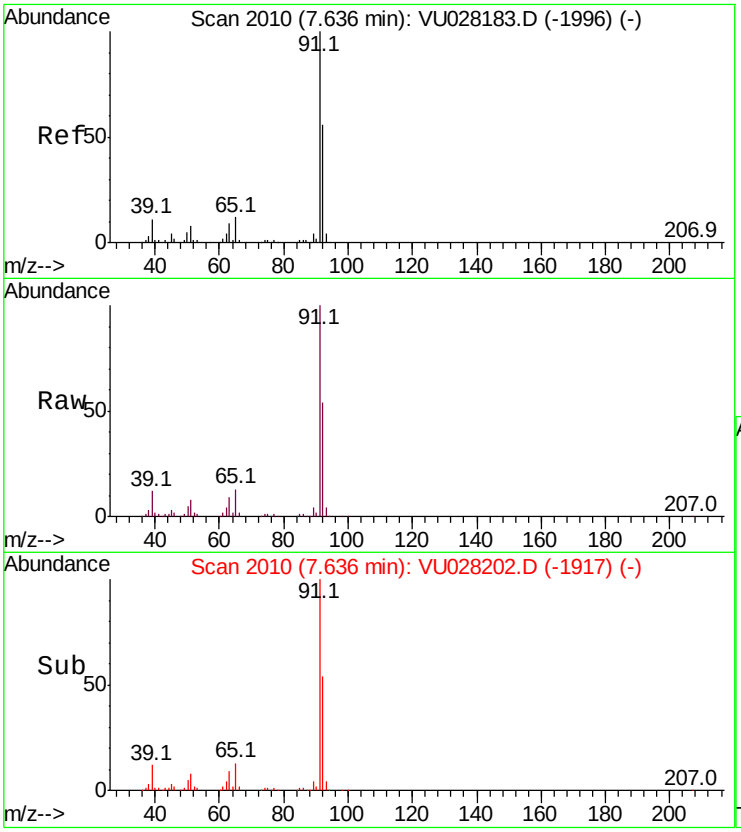


#39
cis-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.05 min
Lab File: VU028202.D
Acq: 16 Nov 2018 22:33

Tgt Ion: 75 Resp: 1245

Ion	Ratio	Lower	Upper
75	100		
77	71.5	20.9	38.9#



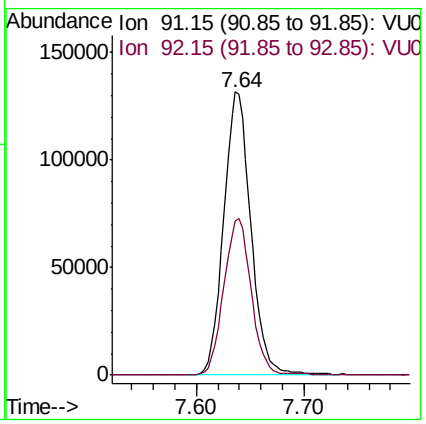


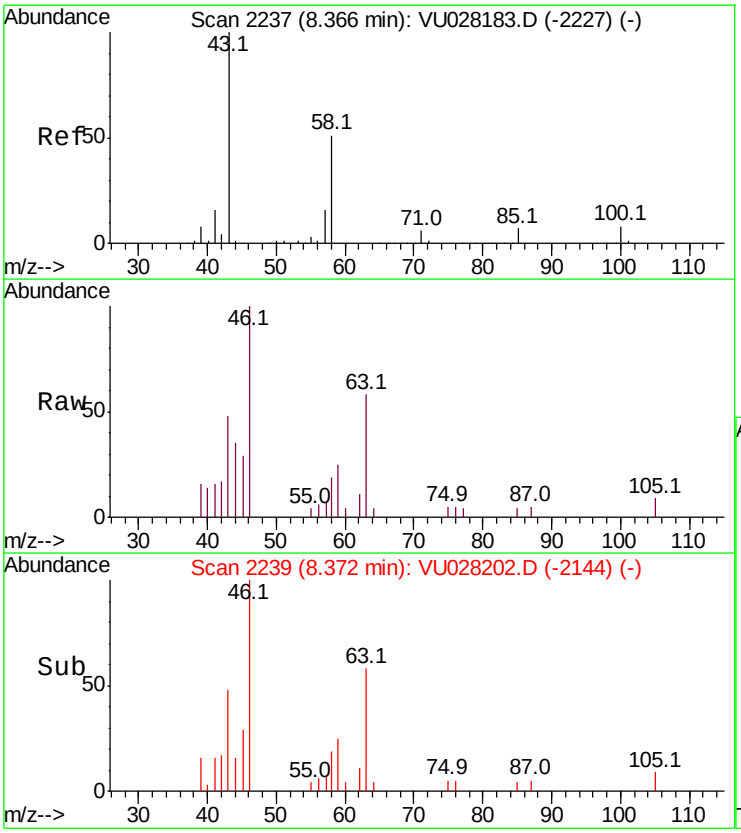
#42
Toluene
Concen: 4.590 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028202.D
Acq: 16 Nov 2018 22:33

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 231390

Ion	Ratio	Lower	Upper
91	100		
92	54.4	40.7	75.7

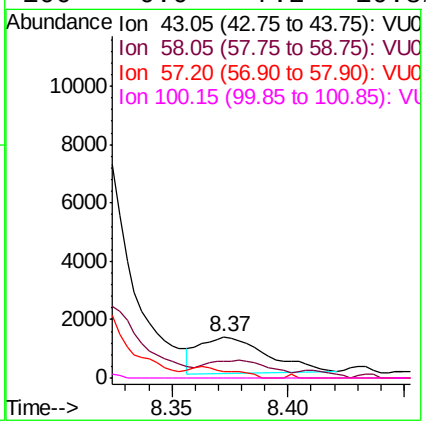


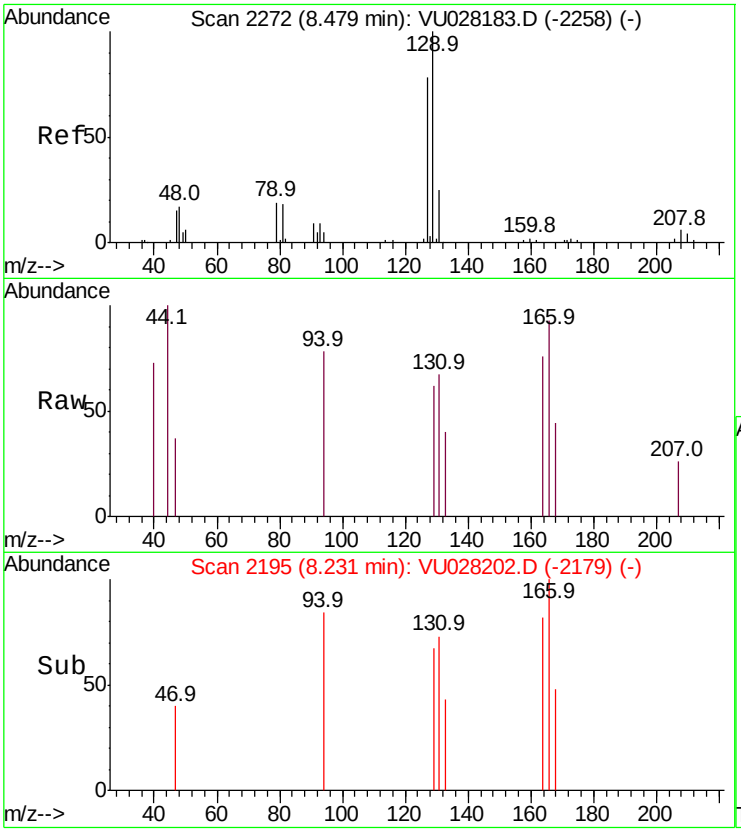


#48
2-Hexanone
Concen: 0.376 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU028202.D
Acq: 16 Nov 2018 22:33

Tgt Ion: 43 Resp: 2490

Ion	Ratio	Lower	Upper
43	100		
58	45.5	41.7	62.5
57	19.8	14.0	21.0
100	0.0	7.2	10.8#



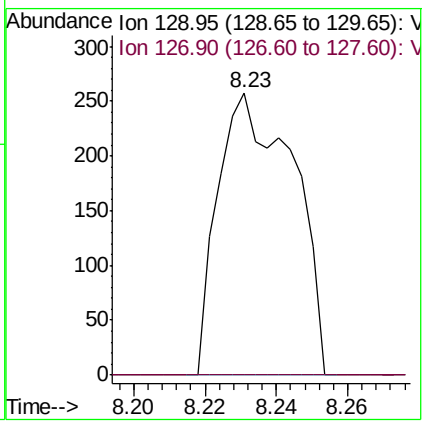


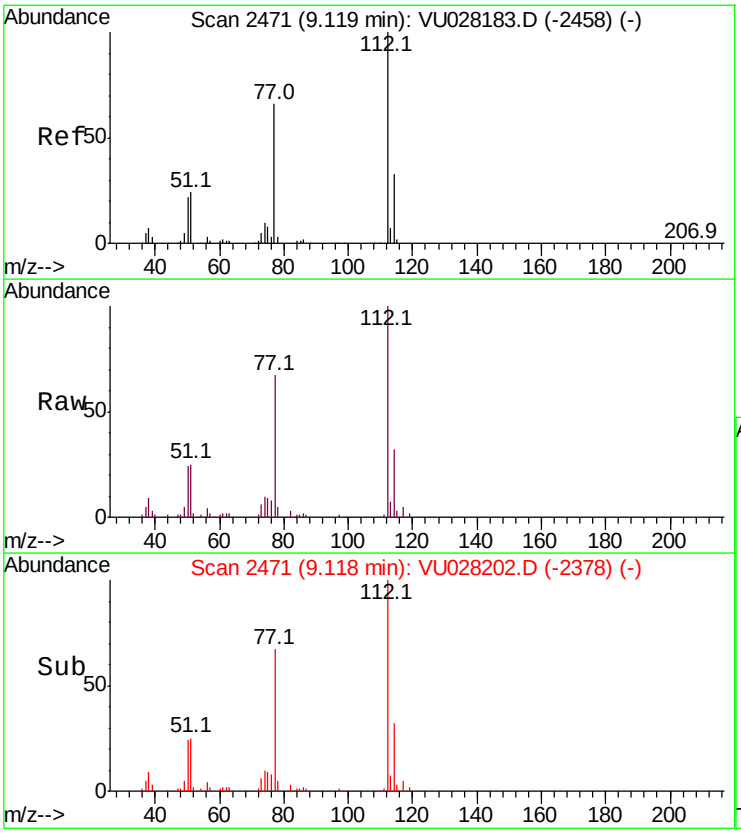
#49
Dibromochloromethane
Concen: 0.043 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. -0.25 min
Lab File: VU028202.D
Acq: 16 Nov 2018 22:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 375

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#

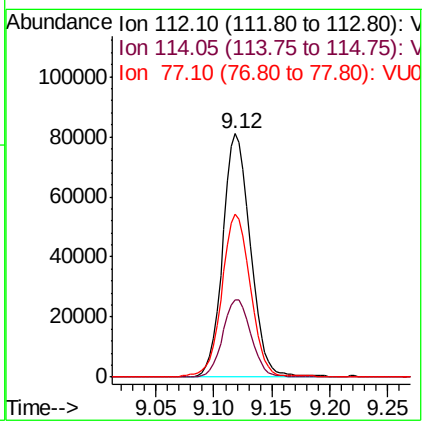


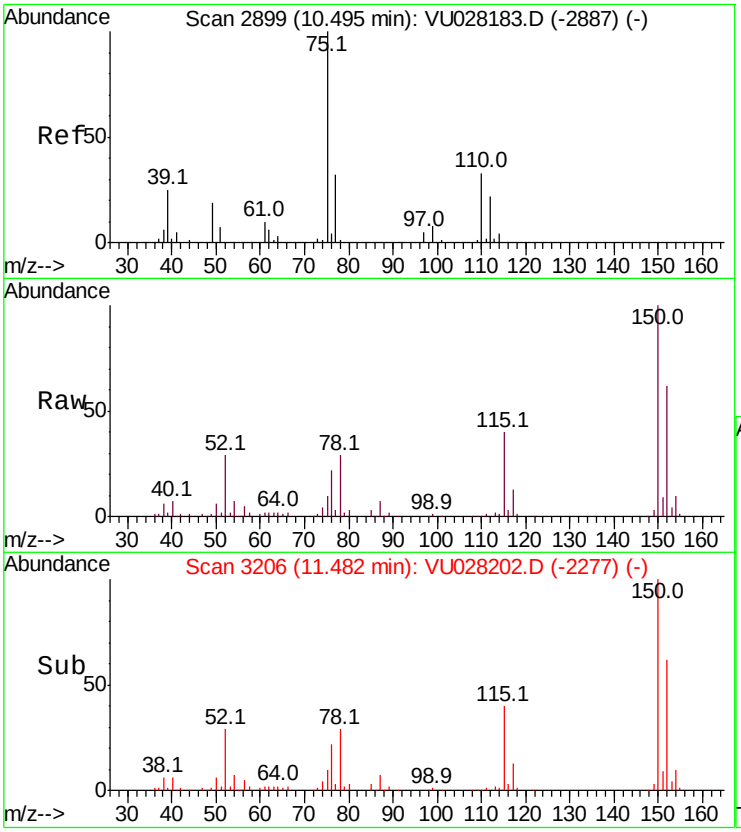


#51
Chlorobenzene
Concen: 4.552 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028202.D
Acq: 16 Nov 2018 22:33

Tgt Ion:112 Resp: 134159

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.5	41.7
77	66.7	51.3	76.9





#59
1,2,3-Trichloropropane
Concen: 1.273 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028202.D
Acq: 16 Nov 2018 22:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 9670

Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.4	38.0