Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028191.D
Acq On : 16 Nov 2018 18:12
Operator : MD/SY
Sample : J5946-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 17 00:03:01 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	151158	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145938	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62225	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	50855	4.05	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.00%			
7) Chloroethane-d5	1.68	69	44204	4.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.80%			
11) 1,1-Dichloroethene-d2	2.28	63	75768	3.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.60%			
20) 2-Butanone-d5	4.21	46	204202	56.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.26%			
24) Chloroform-d	4.65	84	95470	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.31	65	59433	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.80%			
32) Benzene-d6	5.34	84	190711	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.33	67	71200	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.57	98	162250	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.20%			
43) trans-1,3-Dichloropropene-	7.85	79	19959	3.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.80%			
46) 2-Hexanone-d5	8.31	63	146770	48.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.14%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53224	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	58002	4.99	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.80%			
Target Compounds						Qvalue
8) Chloroethane	1.72	64	5612	0.576	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	448	0.045	ug/L #	26
12) 1,1-Dichloroethene	2.29	96	725	0.072	ug/L #	1
13) Acetone	2.34	43	2836	1.157	ug/L	69
19) 1,1-Dichloroethane	3.45	63	1812	0.081	ug/L #	85
22) cis-1,2-Dichloroethene	4.23	96	2019	0.171	ug/L	95
25) Chloroform	4.68	83	2860	0.142	ug/L	90
30) Cyclohexane	4.99	56	1519	0.066	ug/L #	56
34) Trichloroethene	6.19	95	1748	0.144	ug/L #	85
35) Methylcyclohexane	6.33	83	14225	0.681	ug/L #	17
37) 1,2-Dichloropropane	6.33	63	7279	0.535	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1310	0.071	ug/L #	17
47) Tetrachloroethene	8.23	164	6328	0.641	ug/L	93
48) 2-Hexanone	8.37	43	2644	0.397	ug/L #	89
49) Dibromochloromethane	8.23	129	5575	0.638	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	9153	1.199	ug/L	93

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028191.D
Acq On : 16 Nov 2018 18:12
Operator : MD/SY
Sample : J5946-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 17 00:03:01 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 : VU028191.D
Acq On : 16 Nov 2018 18:12
Operator : MD/SY
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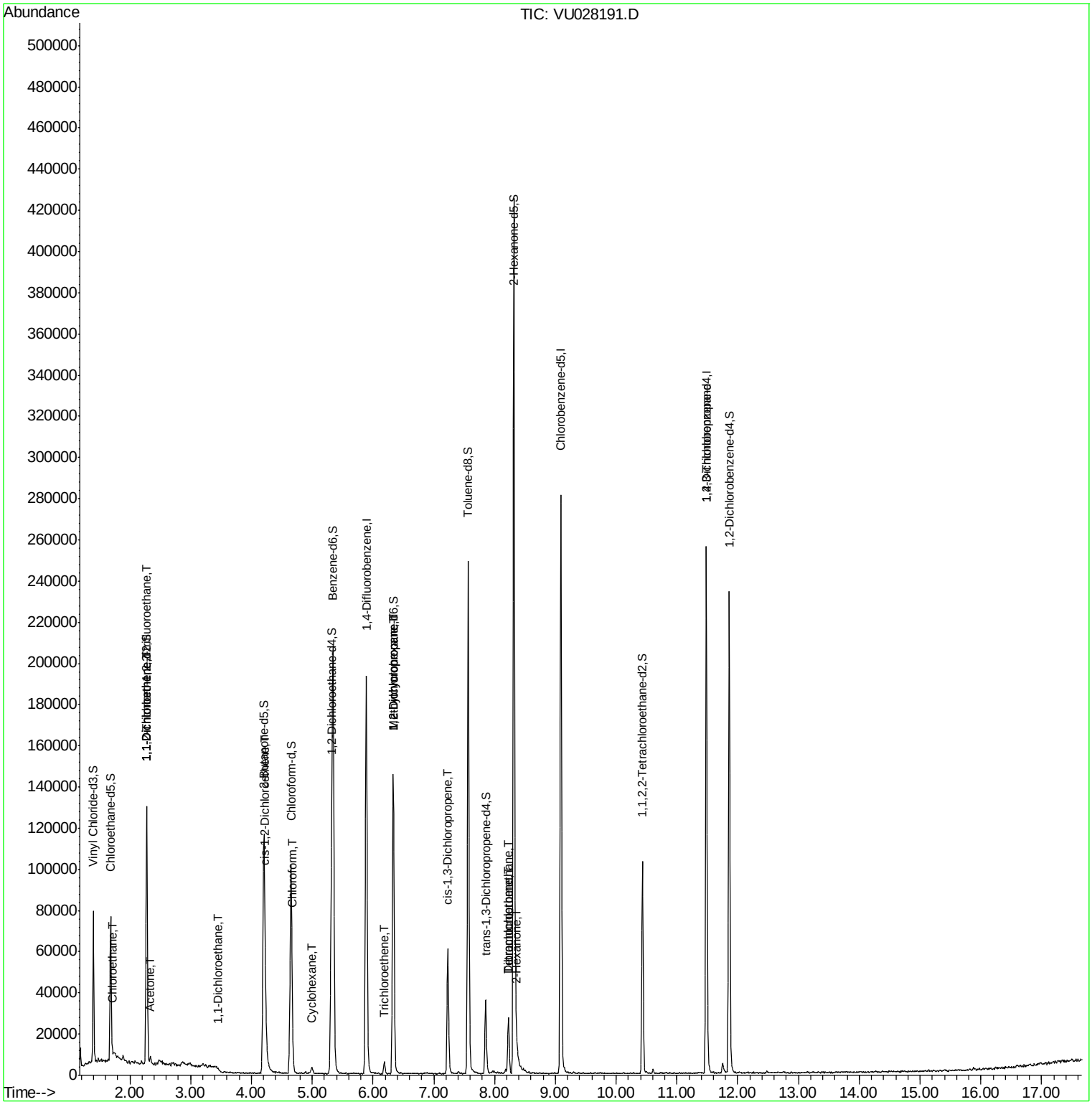
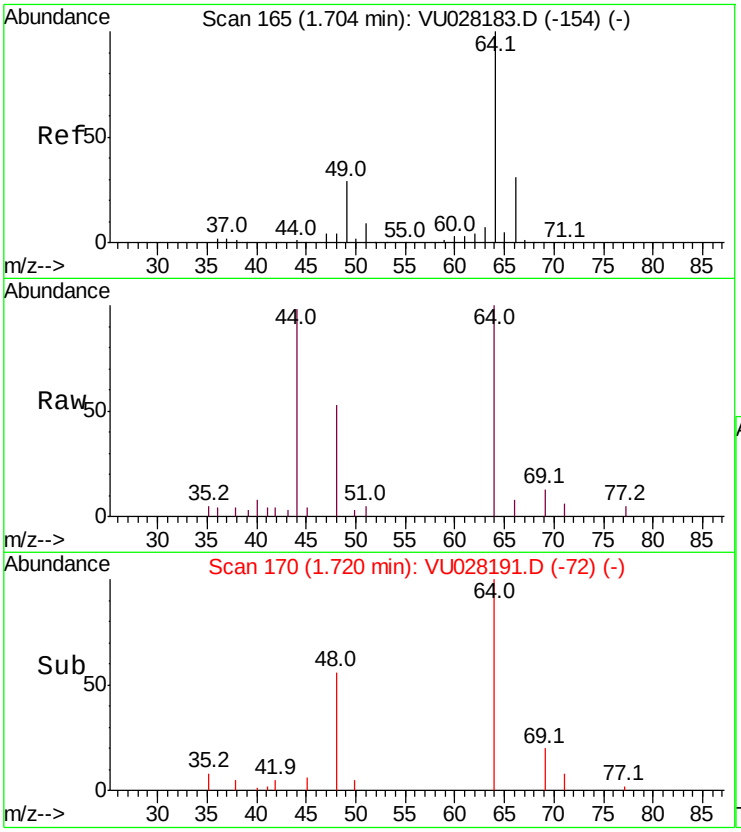
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 23:59:22 2018
Response via : Initial Calibration



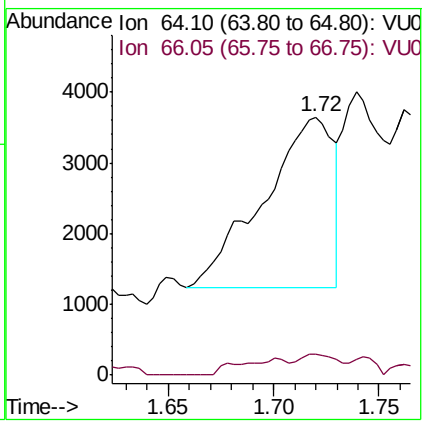


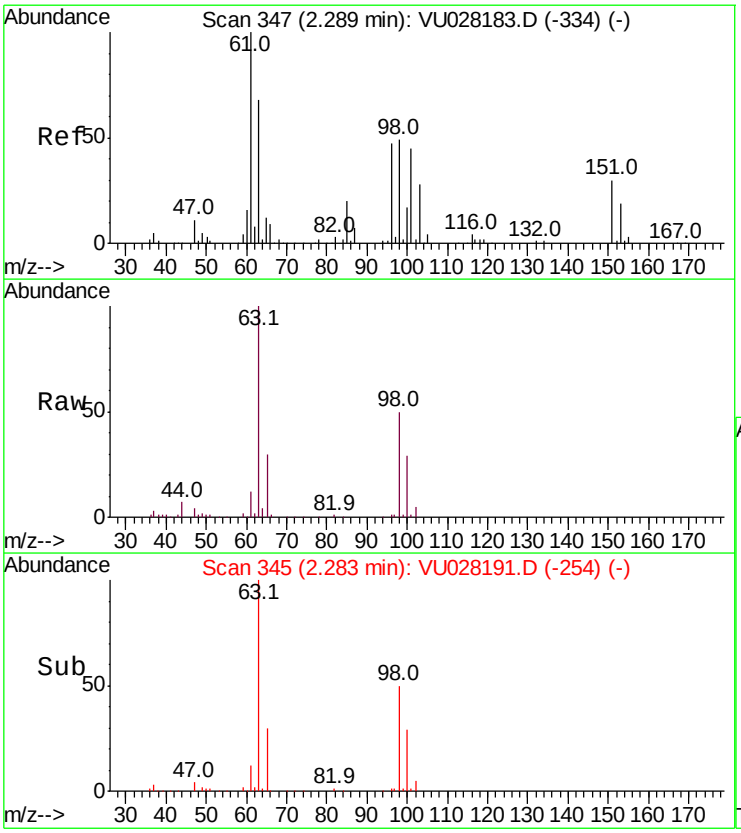
#8
Chloroethane
Concen: 0.576 ug/L
RT: 1.72 min Scan# 170
Delta R.T. 0.02 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 5612

Ion	Ratio	Lower	Upper
64	100		
66	8.1	23.1	42.9#

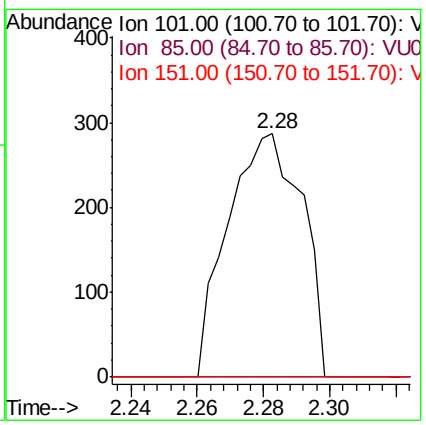


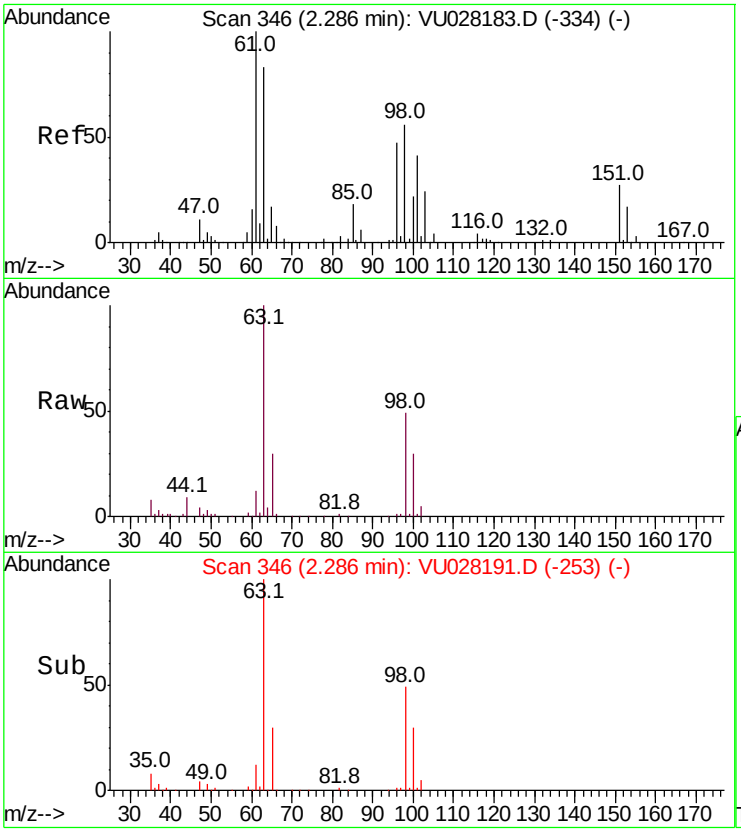


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.045 ug/L
RT: 2.28 min Scan# 345
Delta R.T. -0.01 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Tgt Ion:101 Resp: 448

Ion	Ratio	Lower	Upper
101	100		
85	11.2	37.6	56.4#
151	0.0	58.2	87.2#



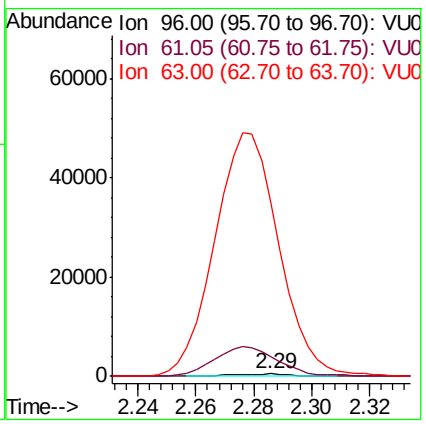


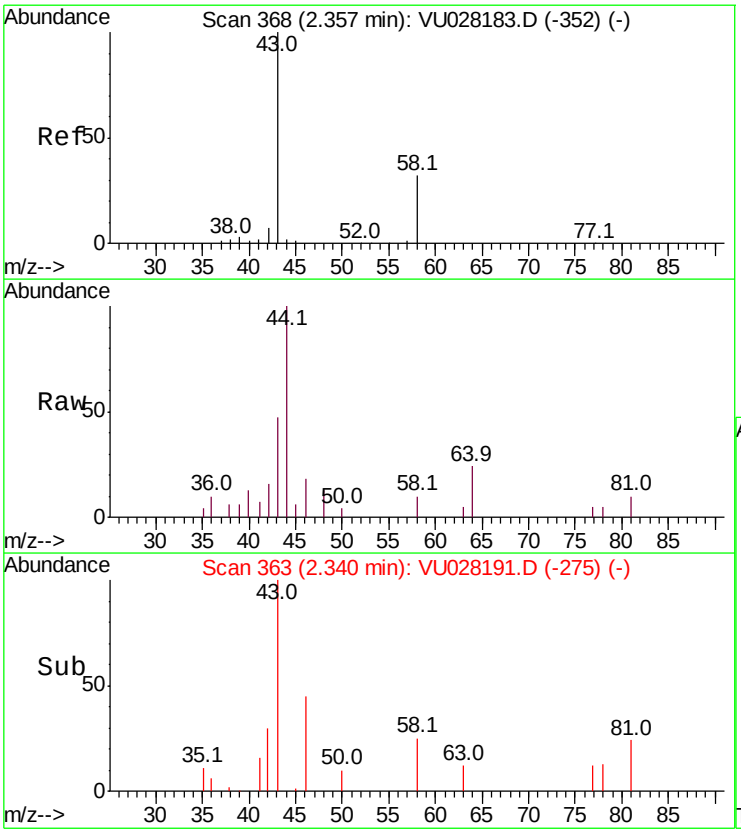
#12
1,1-Dichloroethene
Concen: 0.072 ug/L
RT: 2.29 min Scan# 346
Delta R.T. -0.00 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 725

Ion	Ratio	Lower	Upper
96	100		
61	779.9	134.8	250.3#
63	6743.5	100.1	185.9#

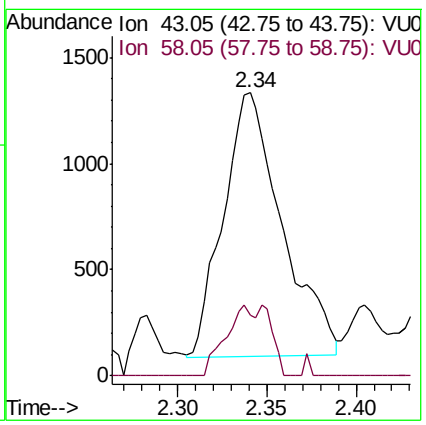


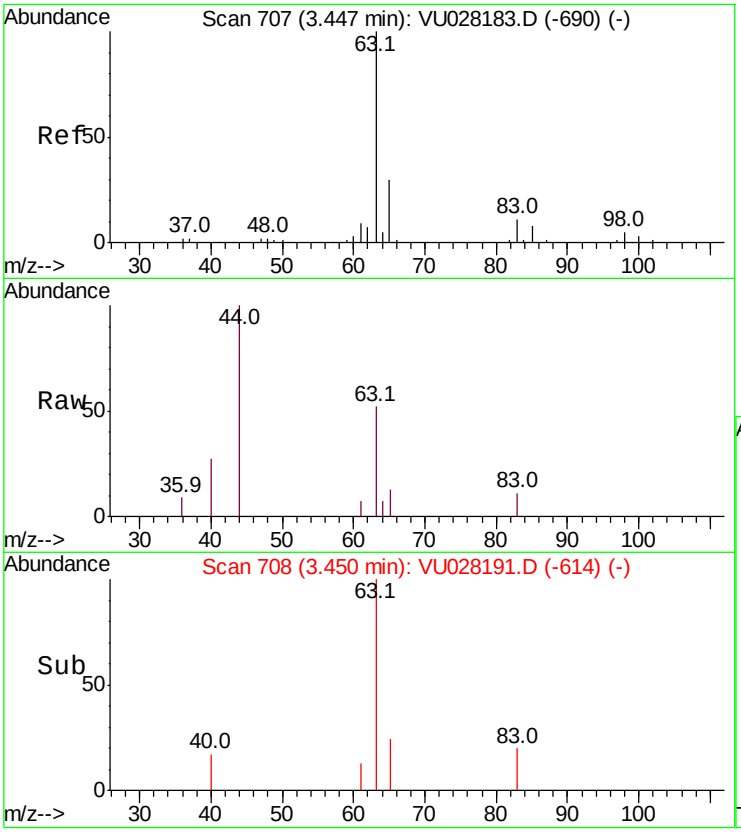


#13
Acetone
Concen: 1.157 ug/L
RT: 2.34 min Scan# 363
Delta R.T. -0.02 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Tgt Ion: 43 Resp: 2836

Ion	Ratio	Lower	Upper
43	100		
58	13.5	0.0	61.6



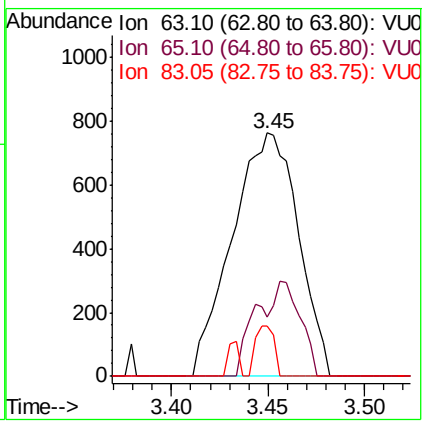


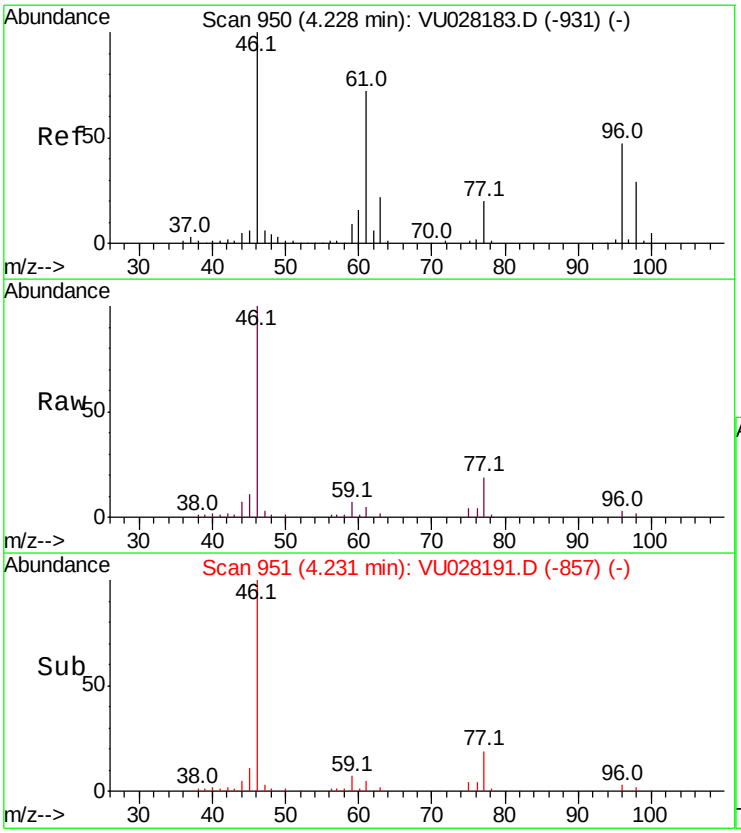
#19
1,1-Dichloroethane
Concen: 0.081 ug/L
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 1812

Ion	Ratio	Lower	Upper
63	100		
65	24.2	22.2	41.2
83	20.4	8.9	16.5#

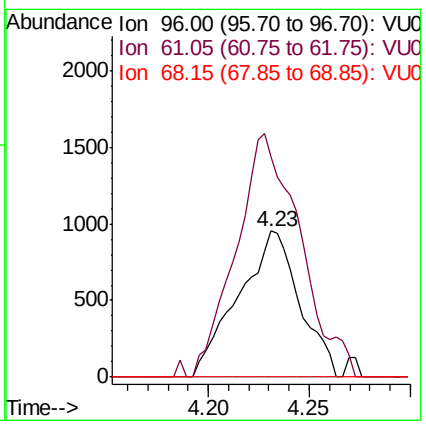


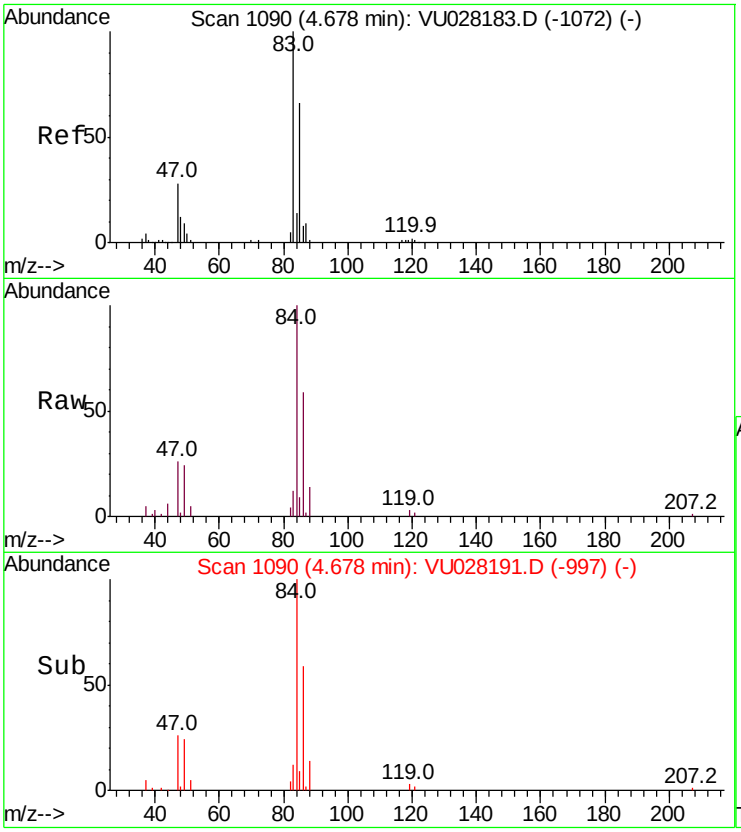


#22
cis-1,2-Dichloroethene
Concen: 0.171 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Tgt Ion: 96 Resp: 2019

Ion	Ratio	Lower	Upper
96	100		
61	151.0	101.8	189.0
68	0.0	0.0	0.0



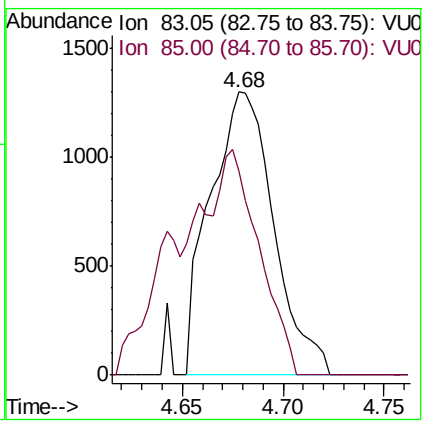


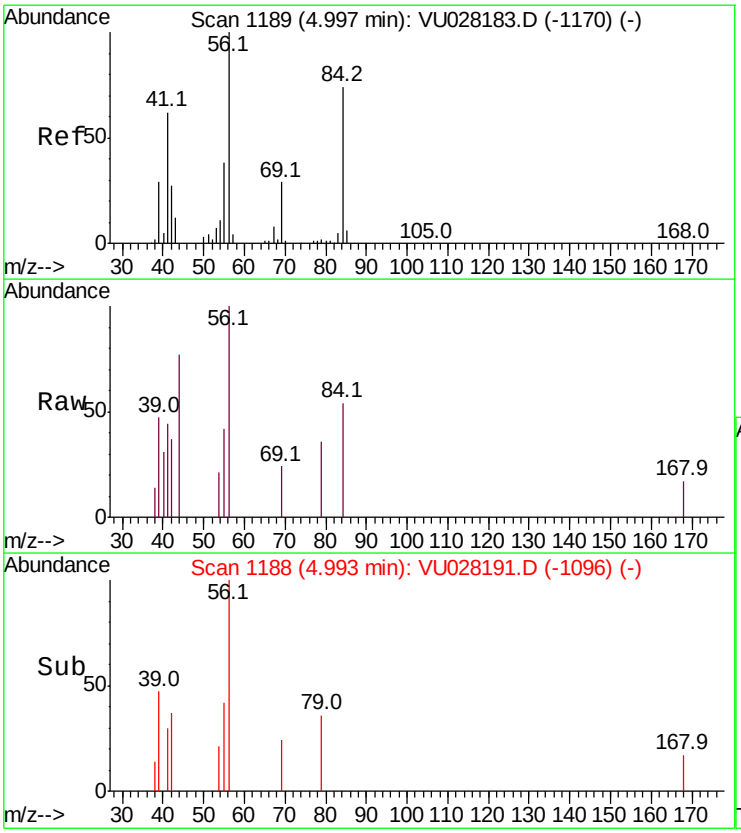
#25
Chloroform
Concen: 0.142 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 2860

Ion	Ratio	Lower	Upper
83	100		
85	72.2	45.0	83.6

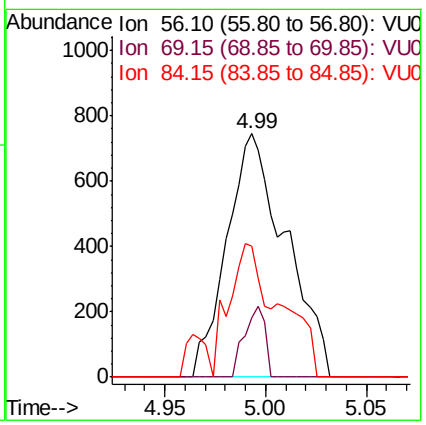


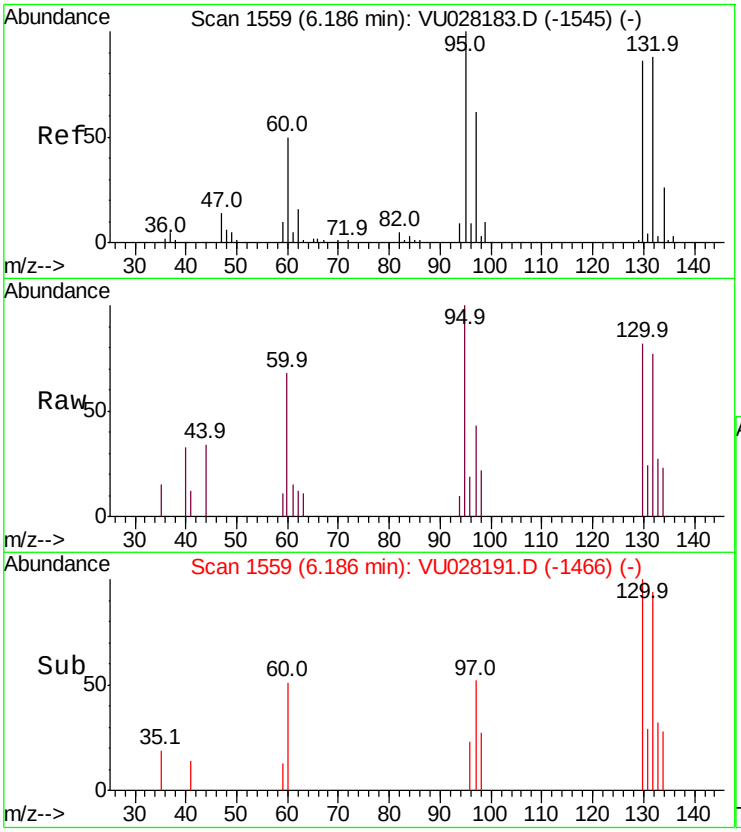


#30
Cyclohexane
Concen: 0.066 ug/L
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Tgt Ion: 56 Resp: 1519

Ion	Ratio	Lower	Upper
56	100		
69	10.2	22.6	33.8#
84	32.4	57.7	86.5#



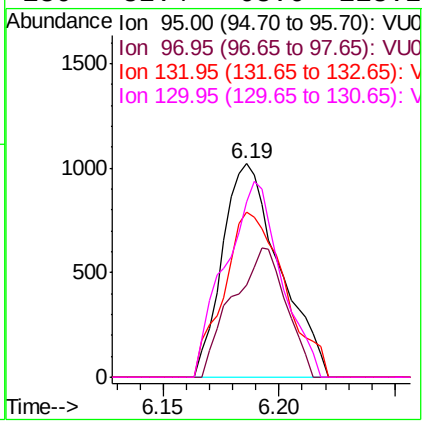


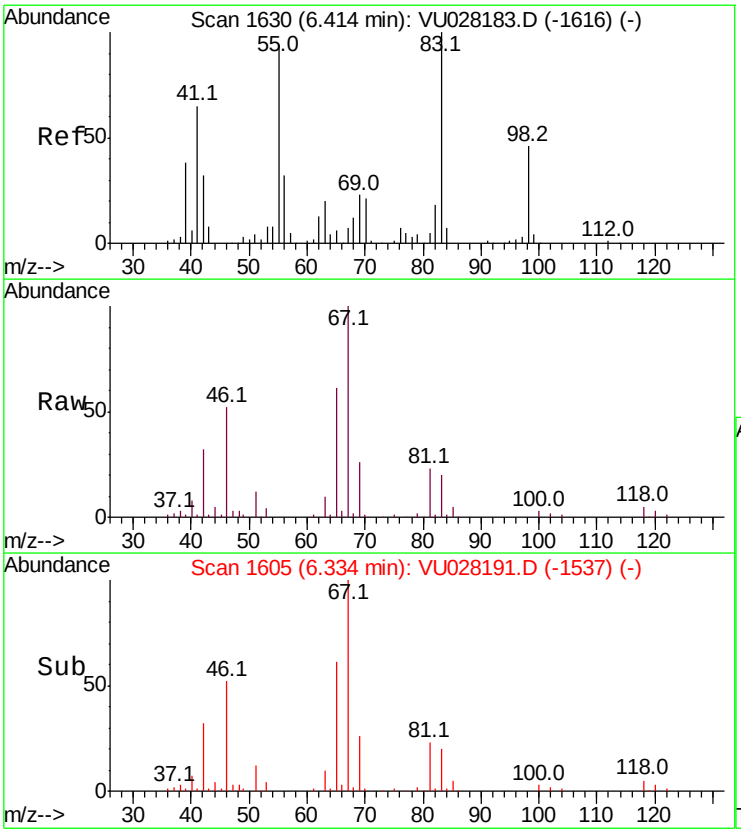
#34
Trichloroethene
Concen: 0.144 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 1748

Ion	Ratio	Lower	Upper
95	100		
97	43.0	45.3	84.1#
132	77.5	63.0	117.0
130	82.4	63.6	118.2

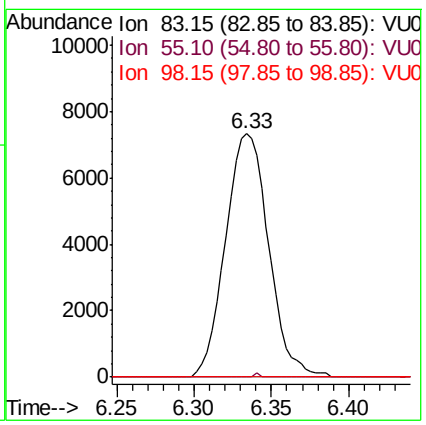


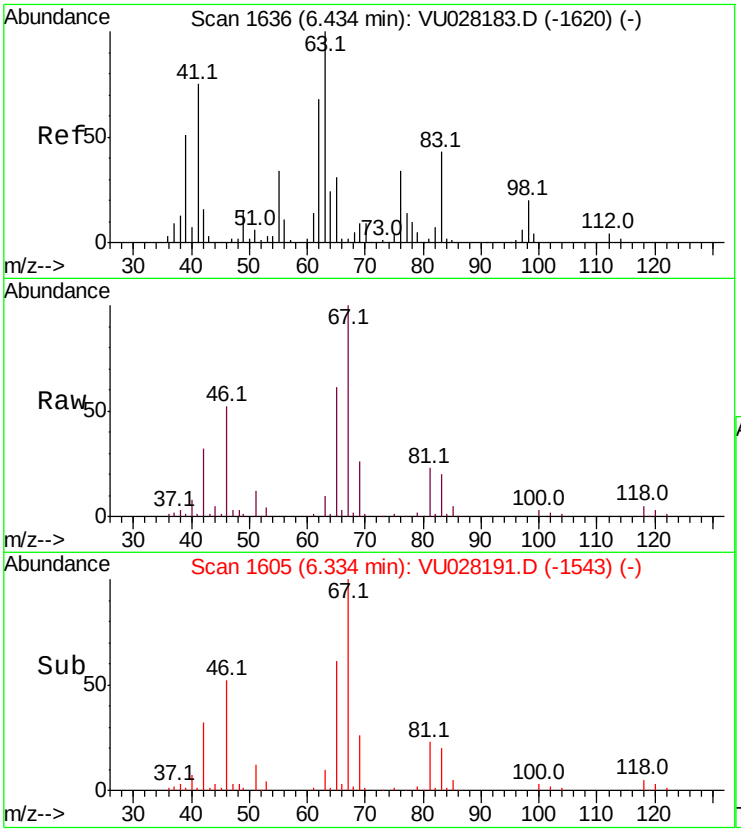


#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Tgt Ion: 83 Resp: 14225

Ion	Ratio	Lower	Upper
83	100		
55	0.2	69.0	103.4#
98	2.2	33.3	49.9#



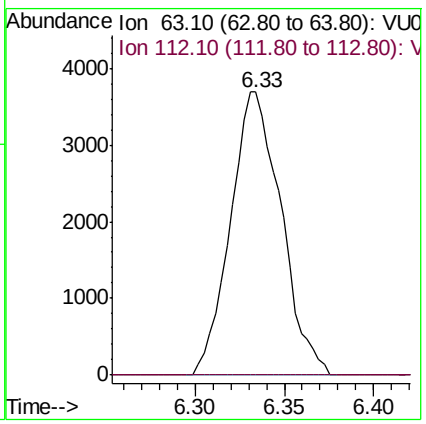


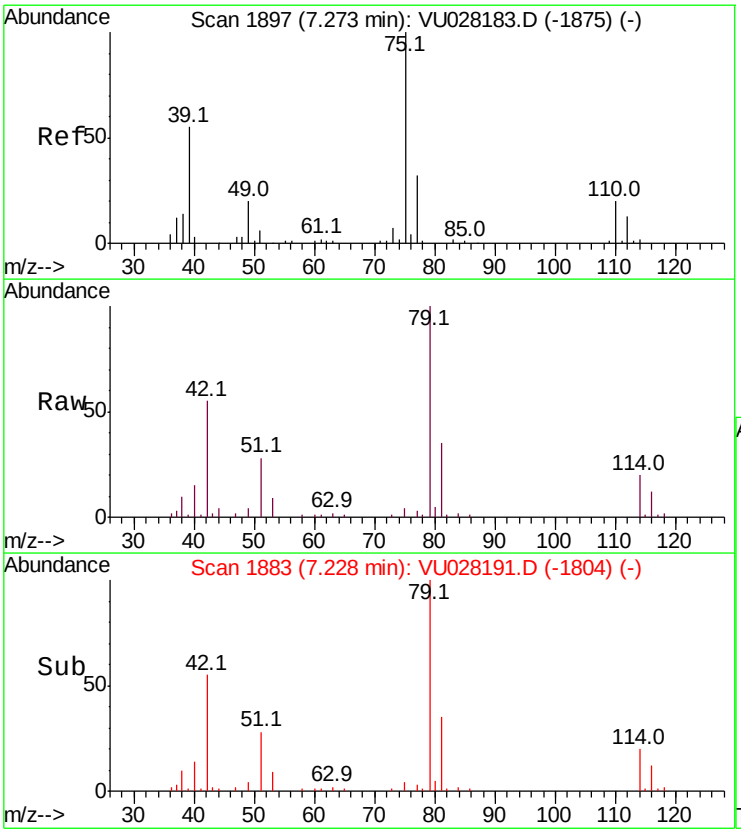
#37
1,2-Dichloropropane
Concen: 0.535 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 7279

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.4#

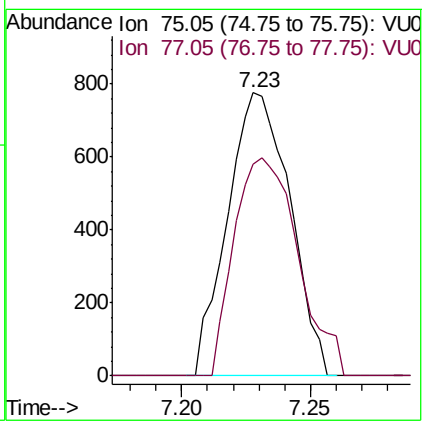


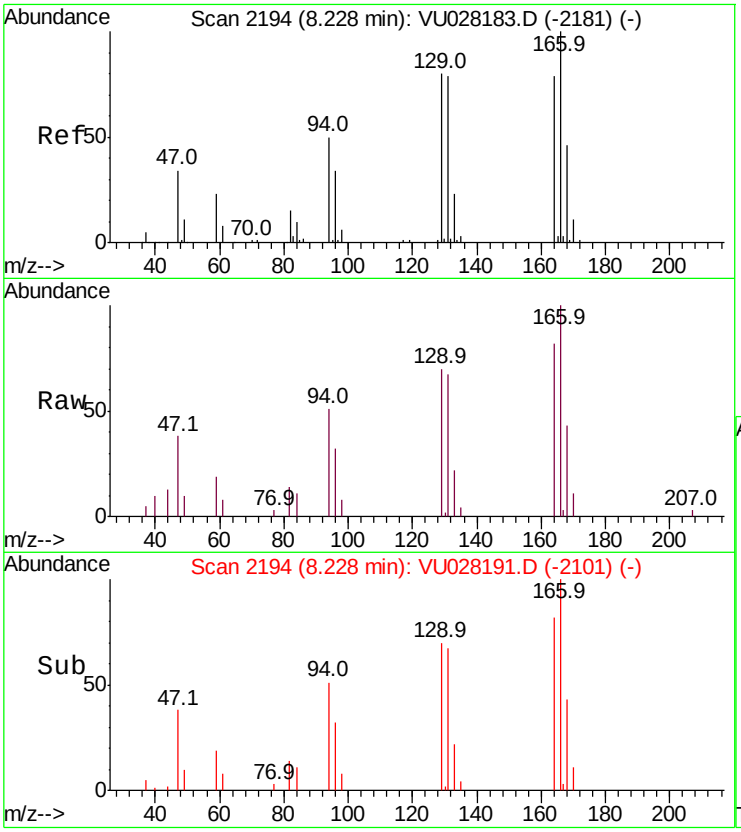


#39
cis-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.05 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Tgt Ion: 75 Resp: 1310

Ion	Ratio	Lower	Upper
75	100		
77	74.7	20.9	38.9#



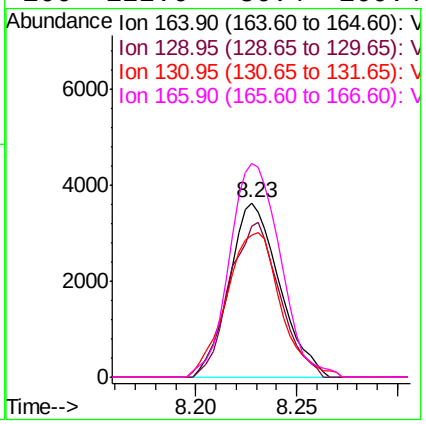


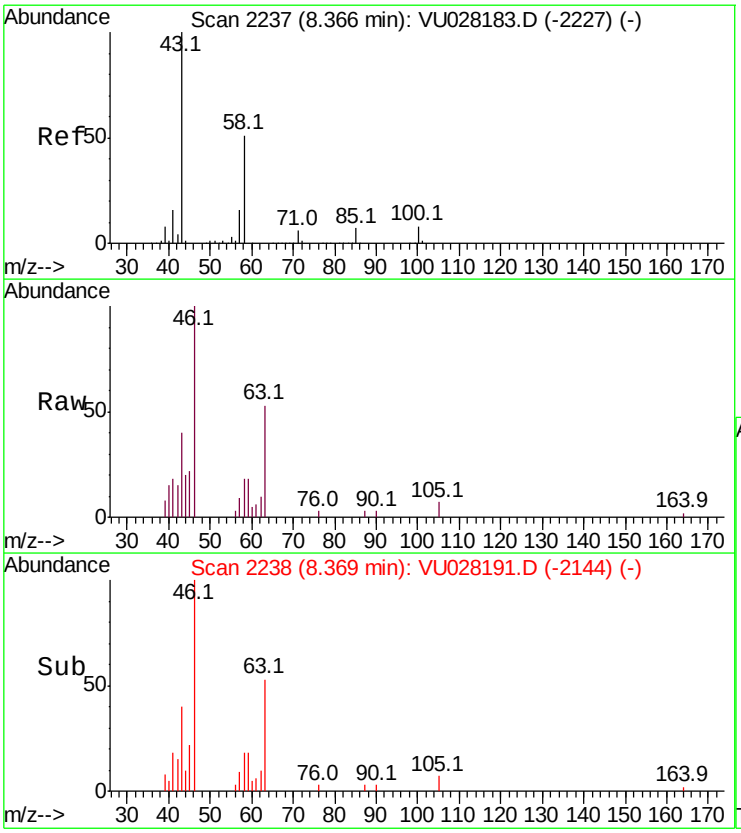
#47
Tetrachloroethene
Concen: 0.641 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 6328

Ion	Ratio	Lower	Upper
164	100		
129	86.3	69.7	129.4
131	81.6	64.0	118.8
166	122.6	86.4	160.4

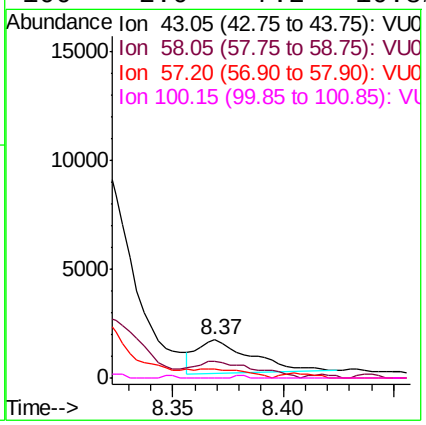


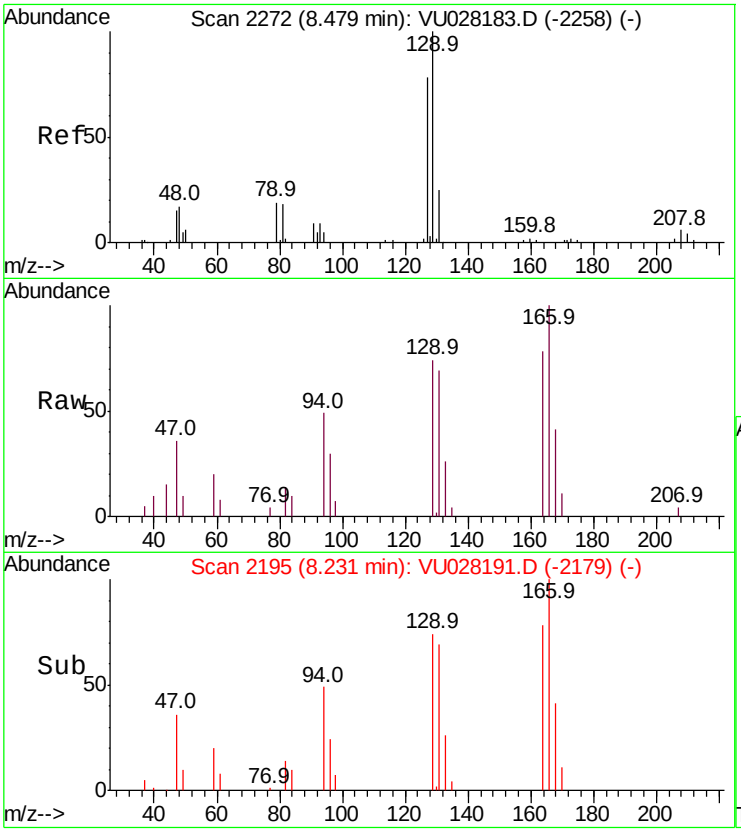


#48
2-Hexanone
Concen: 0.397 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Tgt Ion: 43 Resp: 2644

Ion	Ratio	Lower	Upper
43	100		
58	56.0	41.7	62.5
57	8.2	14.0	21.0#
100	2.0	7.2	10.8#



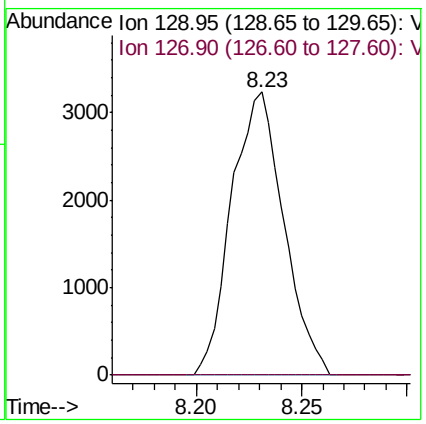


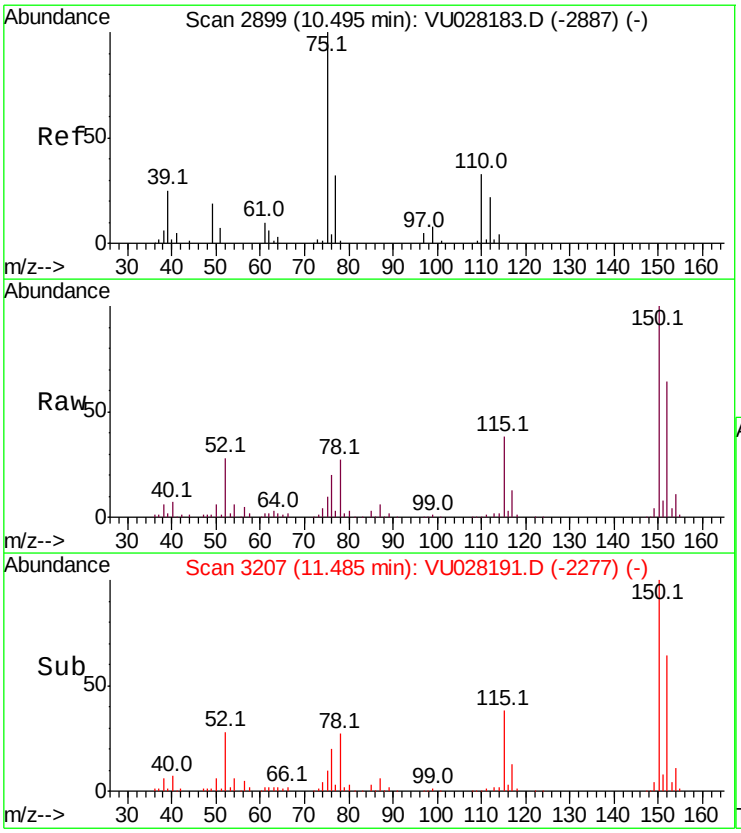
#49
Dibromochloromethane
Concen: 0.638 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. -0.25 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 5575

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#59
1,2,3-Trichloropropane
Concen: 1.199 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028191.D
Acq: 16 Nov 2018 18:12

Tgt Ion: 75 Resp: 9153

Ion	Ratio	Lower	Upper
75	100		
77	35.9	25.4	38.0