Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028148.D
Acq On : 15 Nov 2018 02:54
Operator : MD/SY
Sample : J5943-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 15 06:19:10 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	133521	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	127697	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	59049	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	48389	4.37	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.40%				
7) Chloroethane-d5	1.68	69	40388	4.59	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.80%				
11) 1,1-Dichloroethene-d2	2.27	63	71508	3.46	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.20%				
20) 2-Butanone-d5	4.22	46	167387	52.09	ug/L		0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.18%				
24) Chloroform-d	4.65	84	85086	4.83	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%				
26) 1,2-Dichloroethane-d4	5.31	65	49063	4.99	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%				
32) Benzene-d6	5.34	84	175967	4.80	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%				
36) 1,2-Dichloropropane-d6	6.33	67	63872	4.87	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%				
41) Toluene-d8	7.57	98	154773	4.53	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%				
43) trans-1,3-Dichloropropene-	7.85	79	19013	4.07	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.40%				
46) 2-Hexanone-d5	8.32	63	133063	49.80	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.60%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	45091	4.86	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.20%				
64) 1,2-Dichlorobenzene-d4	11.86	152	54442	4.93	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%				
Target Compounds							Qvalue
5) Vinyl chloride	1.40	62	18981	1.327	ug/L		95
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	479	0.055	ug/L	#	20
12) 1,1-Dichloroethene	2.27	96	771	0.087	ug/L	#	1
18) trans-1,2-Dichloroethene	2.98	96	3546	0.376	ug/L		94
19) 1,1-Dichloroethane	3.44	63	890	0.045	ug/L	#	69
22) cis-1,2-Dichloroethene	4.23	96	26347	2.532	ug/L		98
34) Trichloroethene	6.19	95	2639	0.248	ug/L		85
35) Methylcyclohexane	6.33	83	13216	0.723	ug/L	#	16
37) 1,2-Dichloropropane	6.33	63	6369	0.535	ug/L	#	92
39) cis-1,3-Dichloropropene	7.23	75	1363	0.085	ug/L	#	75
42) Toluene	7.64	91	4432	0.100	ug/L		97
47) Tetrachloroethene	8.22	164	752	0.087	ug/L		86
49) Dibromochloromethane	8.22	129	648	0.085	ug/L	#	11
53) m,p-xylene	9.38	106	1032	0.059	ug/L		81
59) 1,2,3-Trichloropropane	11.48	75	7961	1.191	ug/L	#	85

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
Data File : VU028148.D
Acq On : 15 Nov 2018 02:54
Operator : MD/SY
Sample : J5943-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 15 06:19:10 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)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
Data File : VU028148.D
Acq On : 15 Nov 2018 02:54
Operator : MD/SY
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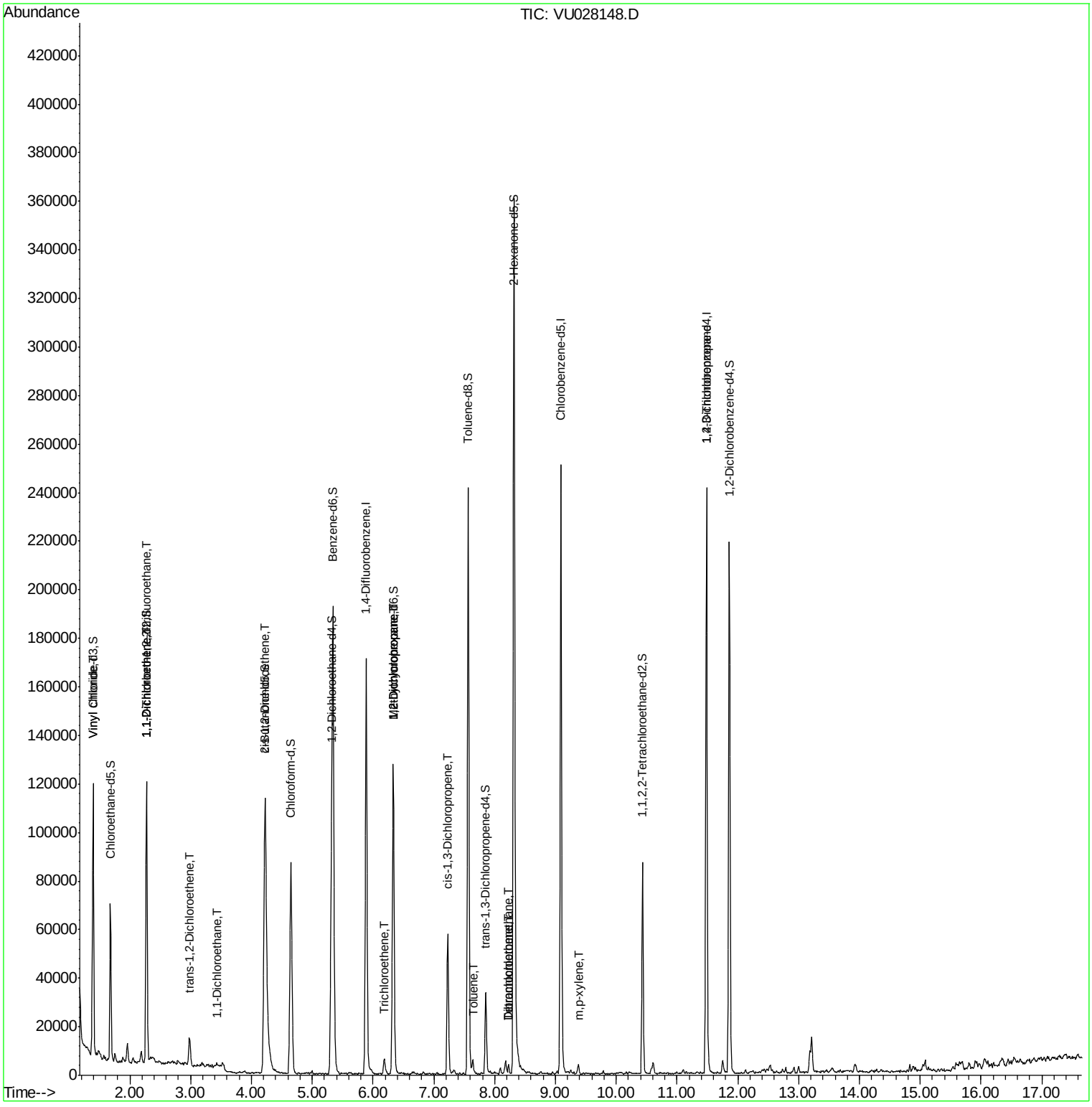
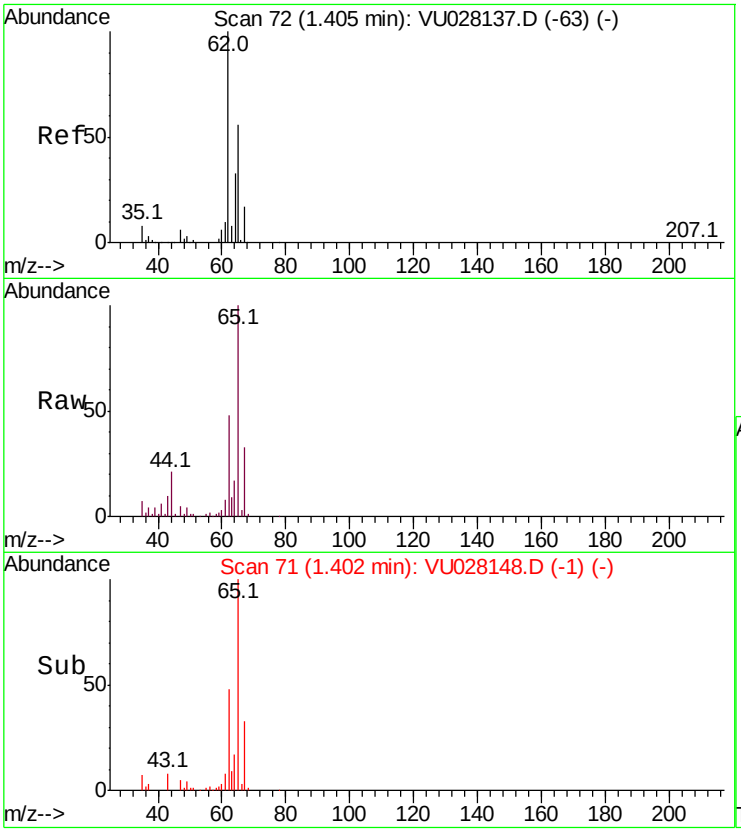
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 06:14:20 2018
Response via : Initial Calibration



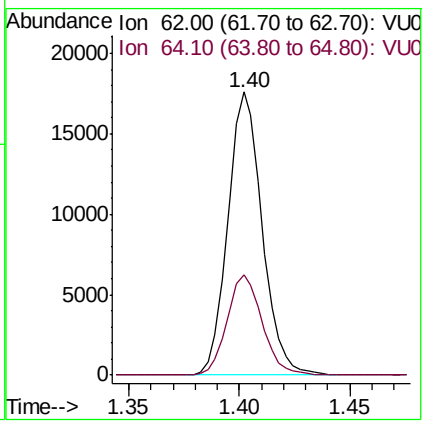


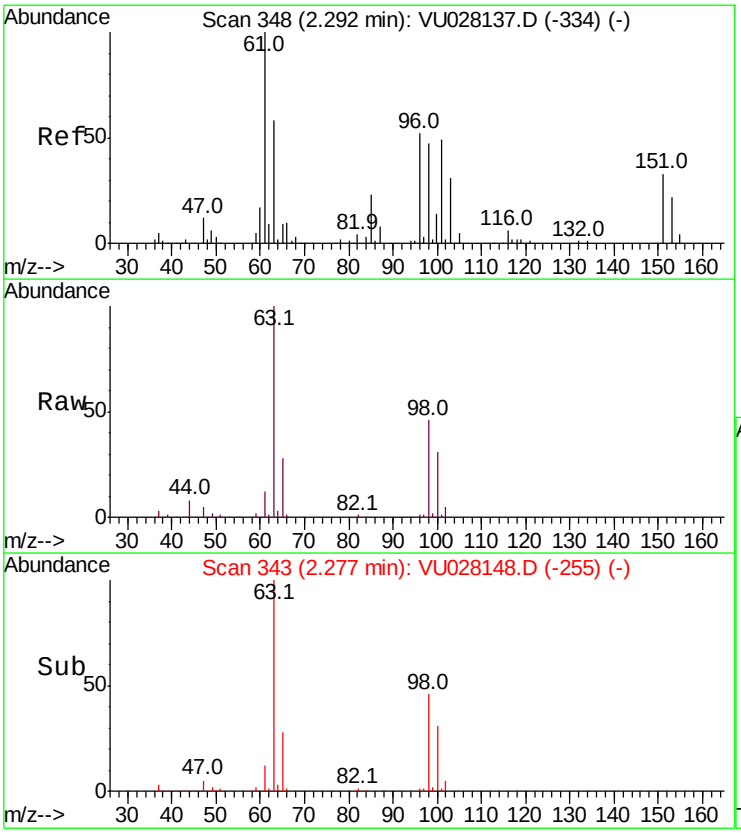
#5
Vinyl chloride
Concen: 1.327 ug/L
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU028148.D
Acq: 15 Nov 2018 02:54

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 18981

Ion	Ratio	Lower	Upper
62	100		
64	35.3	22.7	42.3

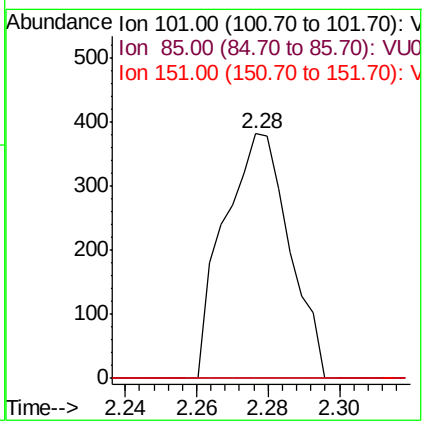


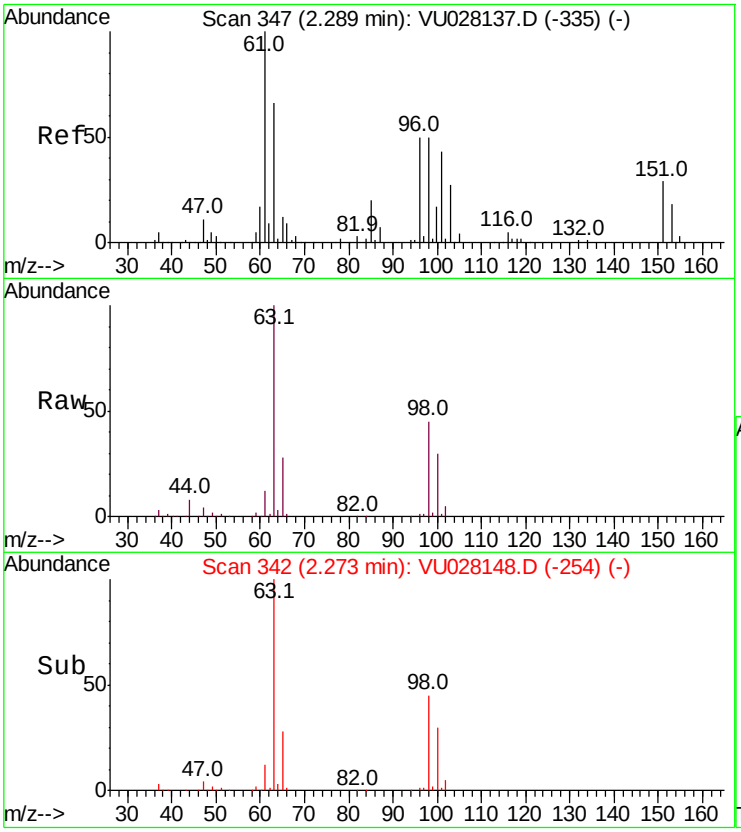


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.055 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.02 min
Lab File: VU028148.D
Acq: 15 Nov 2018 02:54

Tgt Ion:101 Resp: 479

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



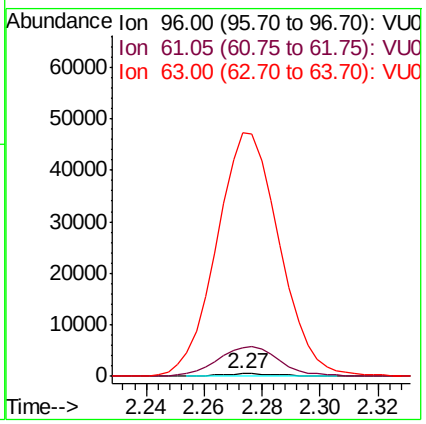


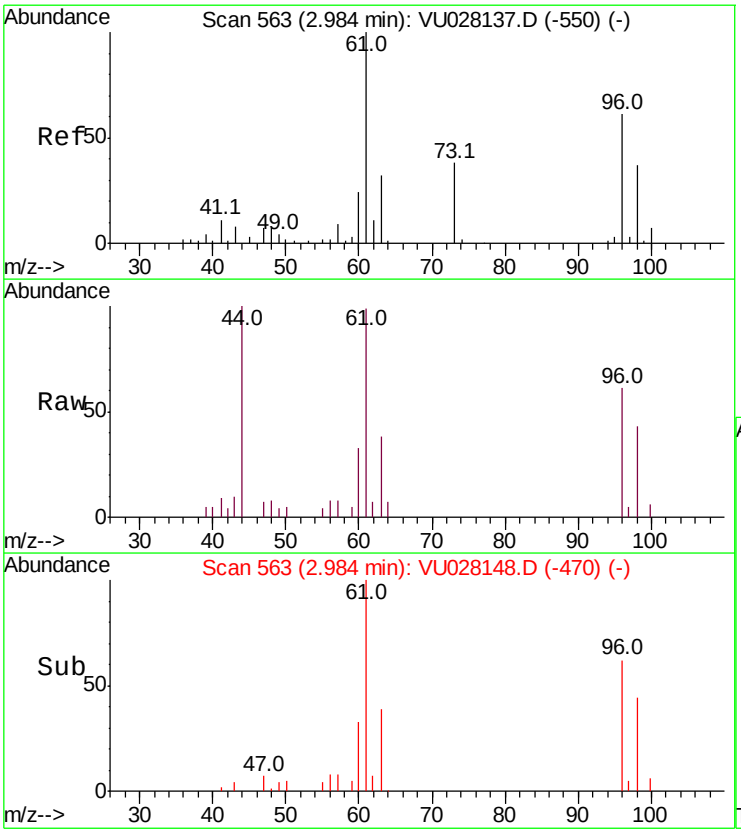
#12
1,1-Dichloroethene
Concen: 0.087 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.02 min
Lab File: VU028148.D
Acq: 15 Nov 2018 02:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 771

Ion	Ratio	Lower	Upper
96	100		
61	1135.5	134.8	250.3#
63	9525.8	100.1	185.9#

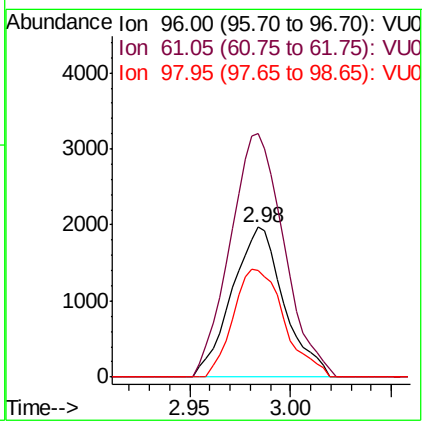


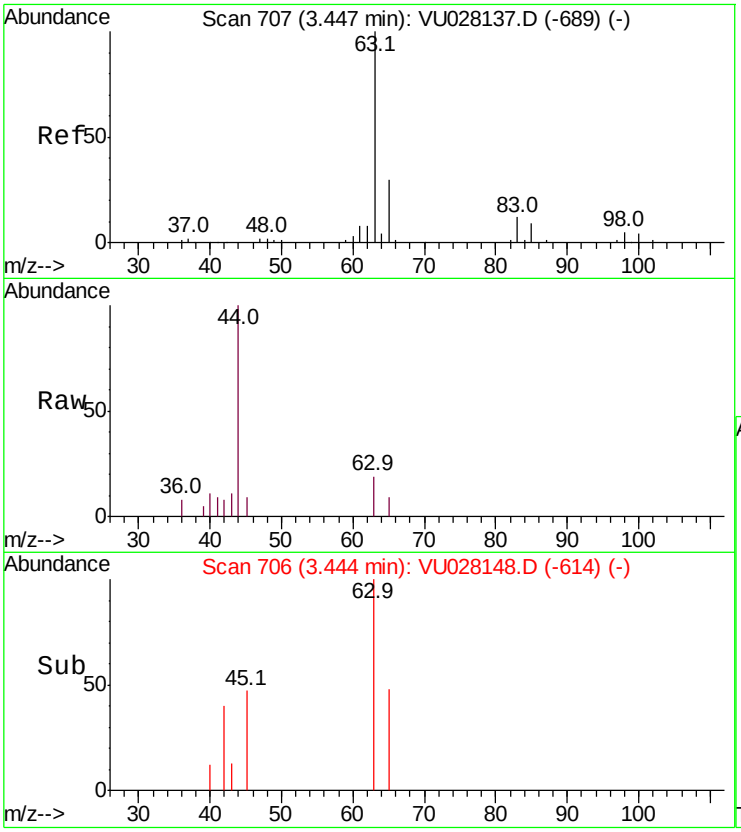


#18
trans-1,2-Dichloroethene
Concen: 0.376 ug/L
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU028148.D
Acq: 15 Nov 2018 02:54

Tgt Ion: 96 Resp: 3546

Ion	Ratio	Lower	Upper
96	100		
61	162.4	118.5	220.1
98	71.1	44.9	83.5



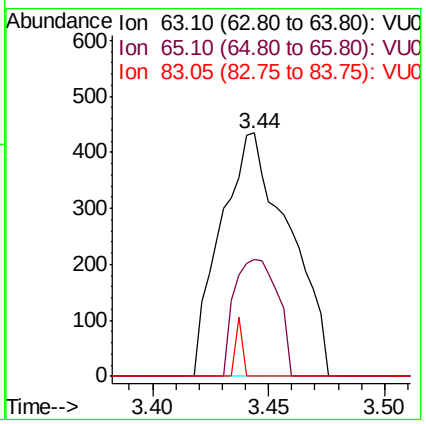


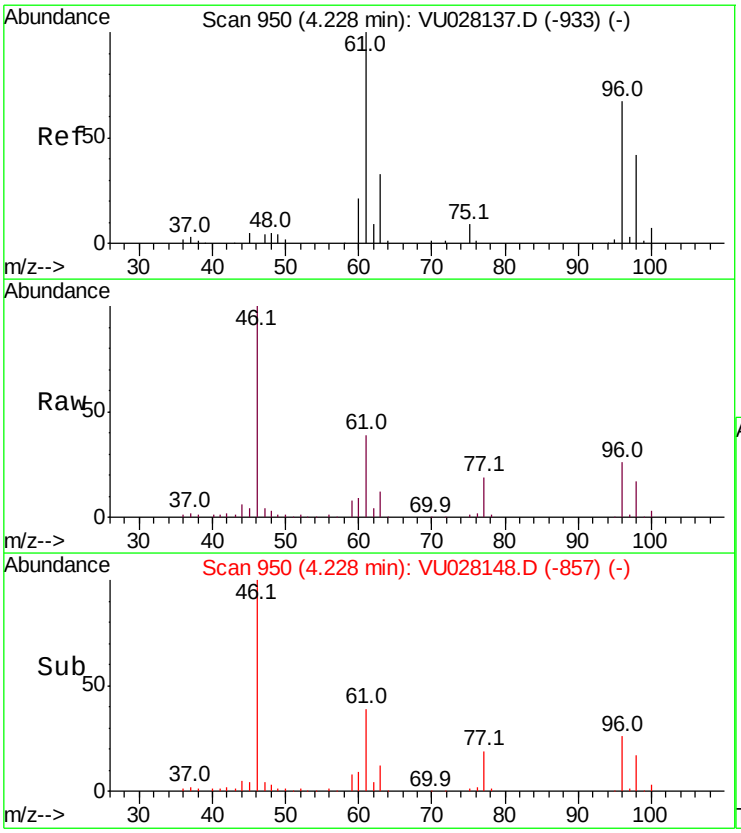
#19
1,1-Dichloroethane
Concen: 0.045 ug/L
RT: 3.44 min Scan# 706
Delta R.T. -0.00 min
Lab File: VU028148.D
Acq: 15 Nov 2018 02:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 890

Ion	Ratio	Lower	Upper
63	100		
65	48.3	22.2	41.2#
83	0.0	8.9	16.5#

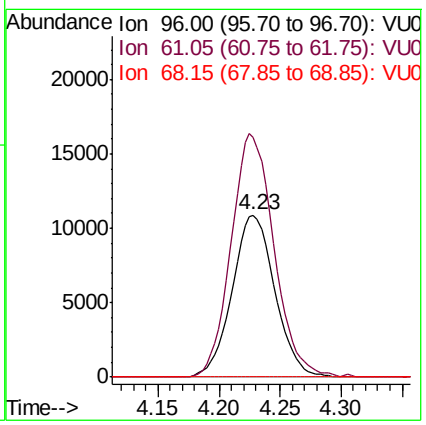


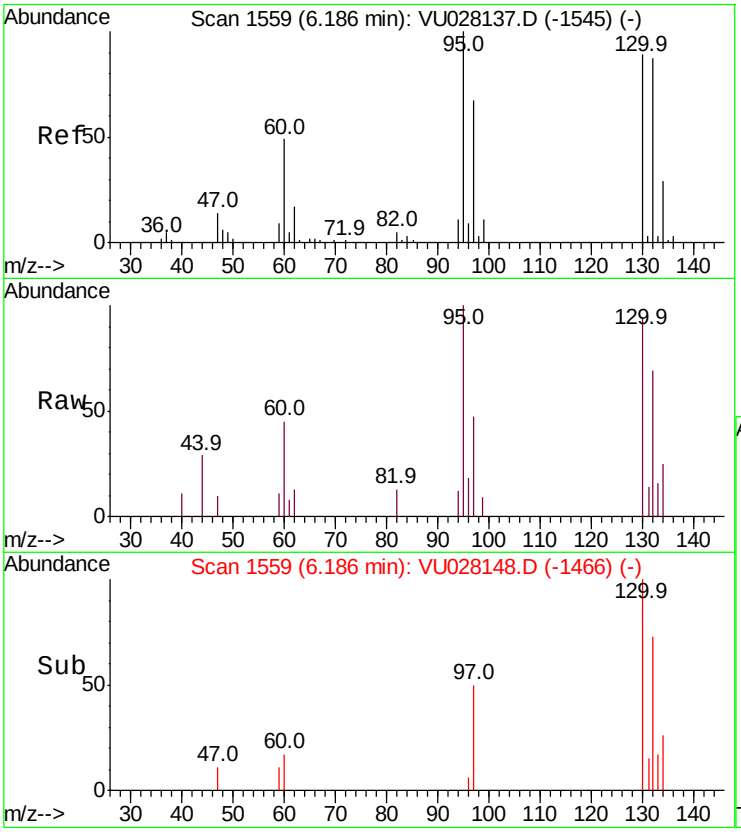


#22
cis-1,2-Dichloroethene
Concen: 2.532 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU028148.D
Acq: 15 Nov 2018 02:54

Tgt Ion: 96 Resp: 26347

Ion	Ratio	Lower	Upper
96	100		
61	148.2	101.8	189.0
68	0.0	0.0	0.0



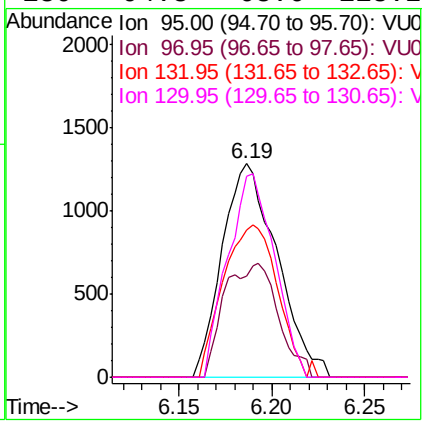


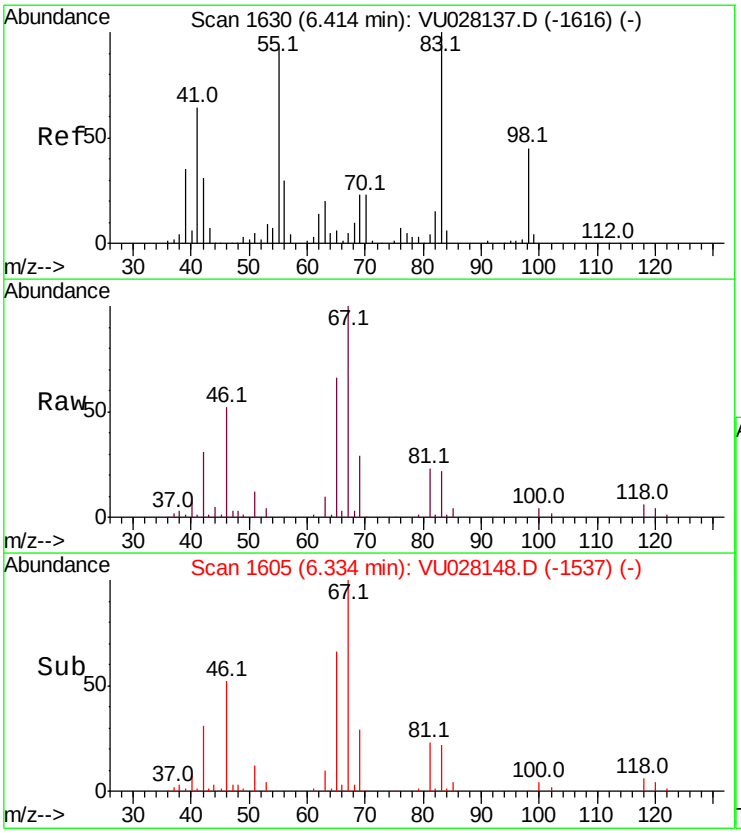
#34
Trichloroethene
Concen: 0.248 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028148.D
Acq: 15 Nov 2018 02:54

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 2639

Ion	Ratio	Lower	Upper
95	100		
97	47.4	45.3	84.1
132	69.2	63.0	117.0
130	94.3	63.6	118.2

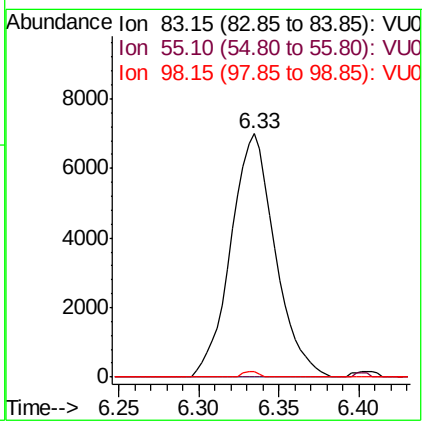


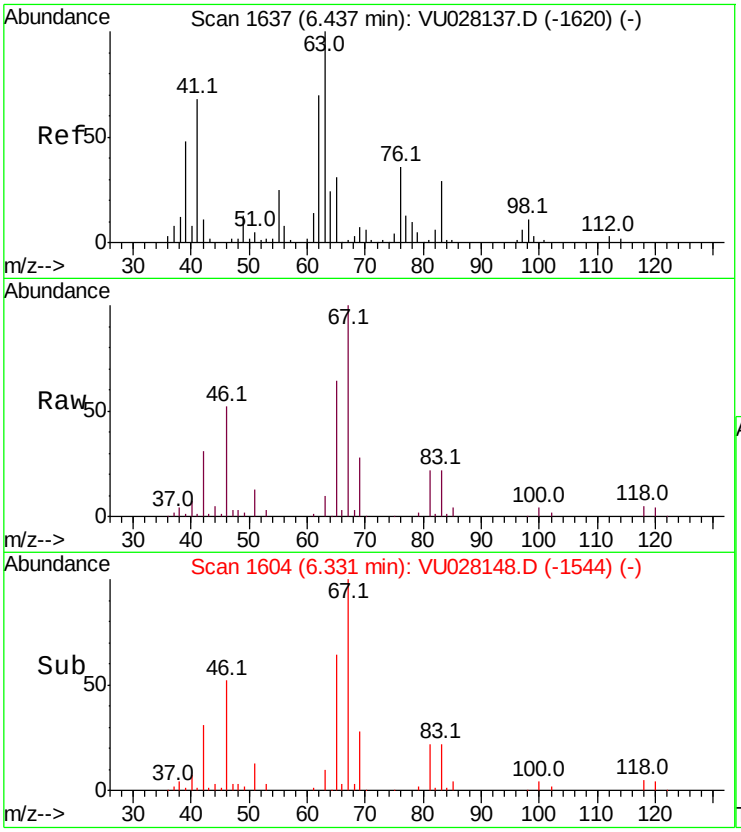


#35
Methylcyclohexane
Concen: 0.723 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028148.D
Acq: 15 Nov 2018 02:54

Tgt Ion: 83 Resp: 13216

Ion	Ratio	Lower	Upper
83	100		
55	0.5	69.0	103.4#
98	0.7	33.3	49.9#



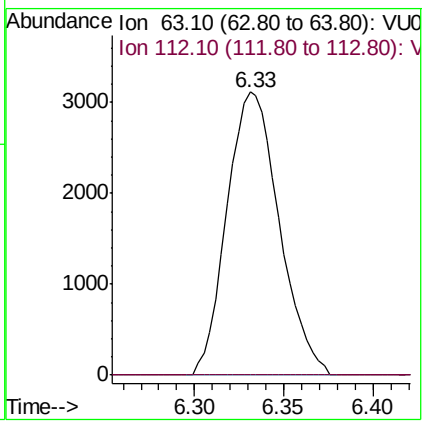


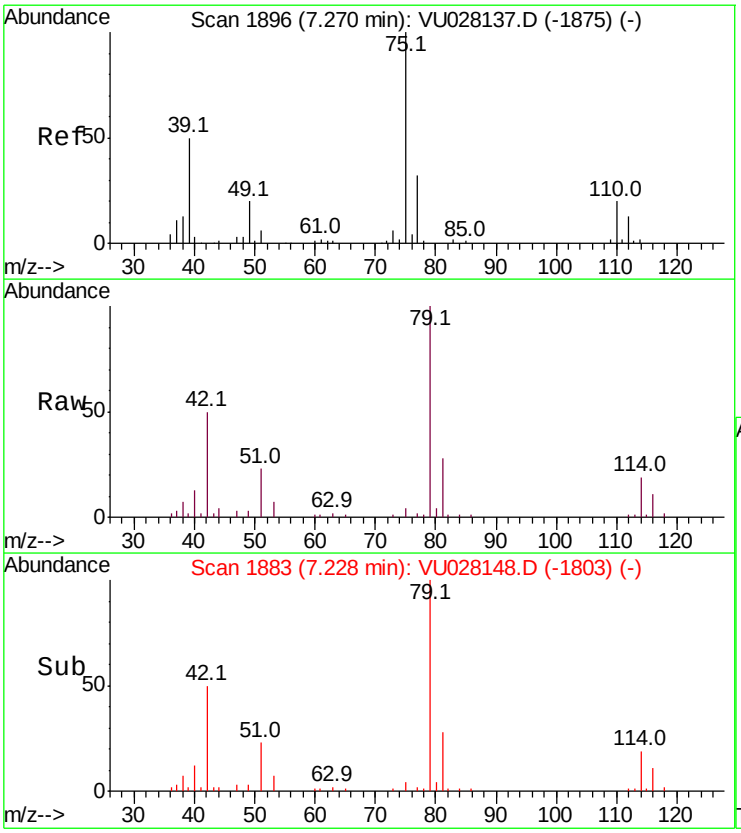
#37
1,2-Dichloropropane
Concen: 0.535 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.11 min
Lab File: VU028148.D
Acq: 15 Nov 2018 02:54

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6369

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.4#

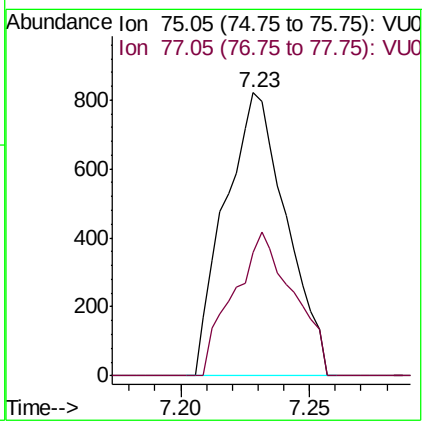


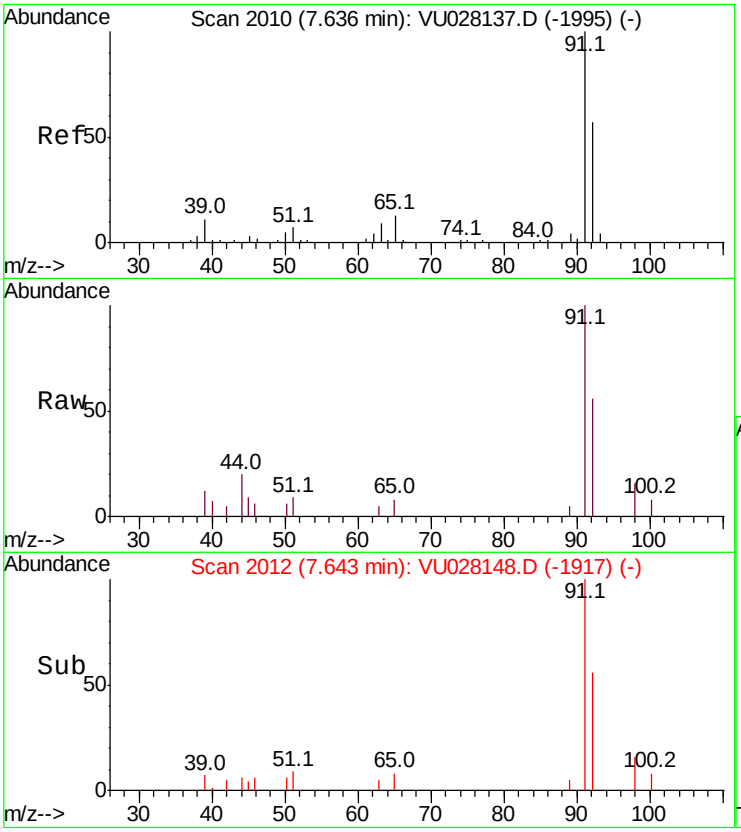


#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028148.D
Acq: 15 Nov 2018 02:54

Tgt Ion: 75 Resp: 1363

Ion	Ratio	Lower	Upper
75	100		
77	43.6	20.9	38.9#



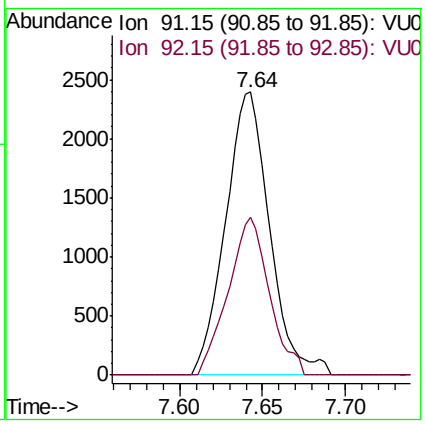


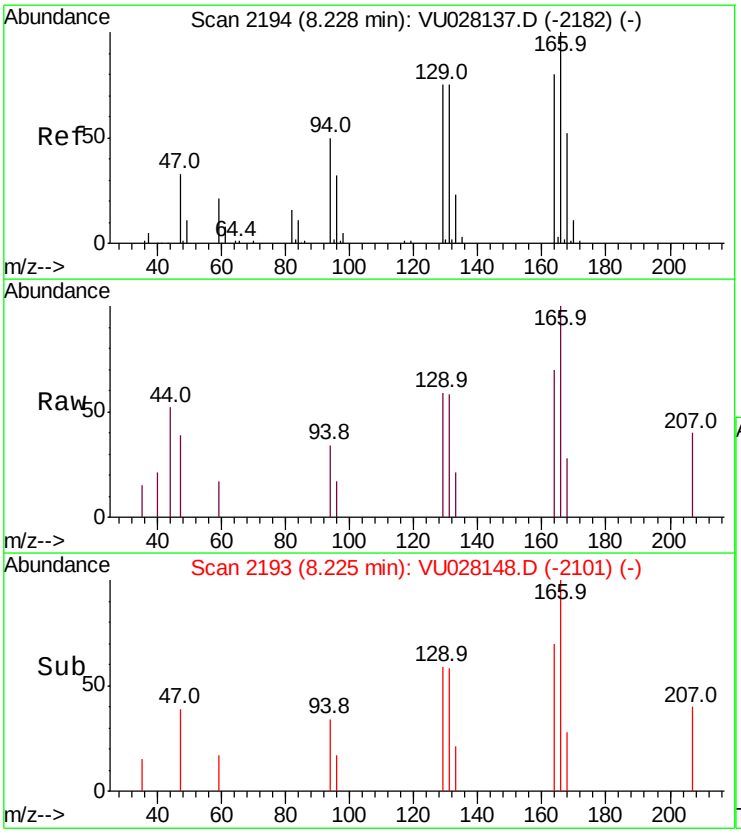
#42
Toluene
Concen: 0.100 ug/L
RT: 7.64 min Scan# 2012
Delta R.T. 0.01 min
Lab File: VU028148.D
Acq: 15 Nov 2018 02:54

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 4432

Ion	Ratio	Lower	Upper
91	100		
92	55.8	40.7	75.7

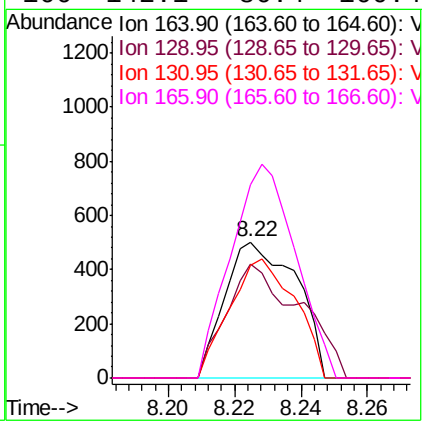


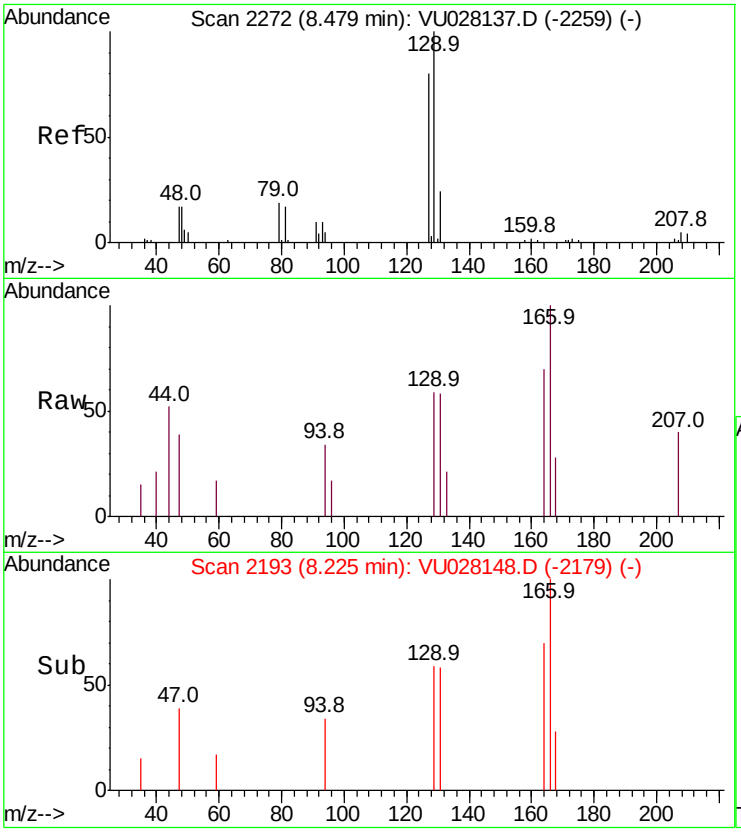


#47
Tetrachloroethene
Concen: 0.087 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028148.D
Acq: 15 Nov 2018 02:54

Tgt Ion:164 Resp: 752

Ion	Ratio	Lower	Upper
164	100		
129	83.9	69.7	129.4
131	83.1	64.0	118.8
166	142.1	86.4	160.4



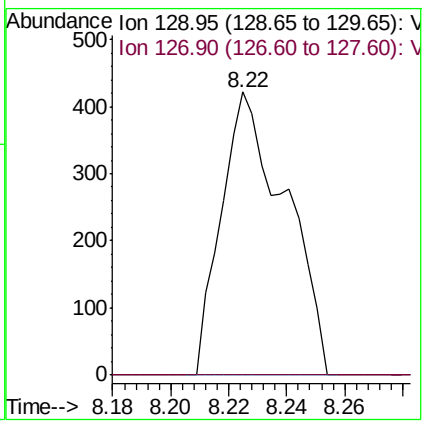


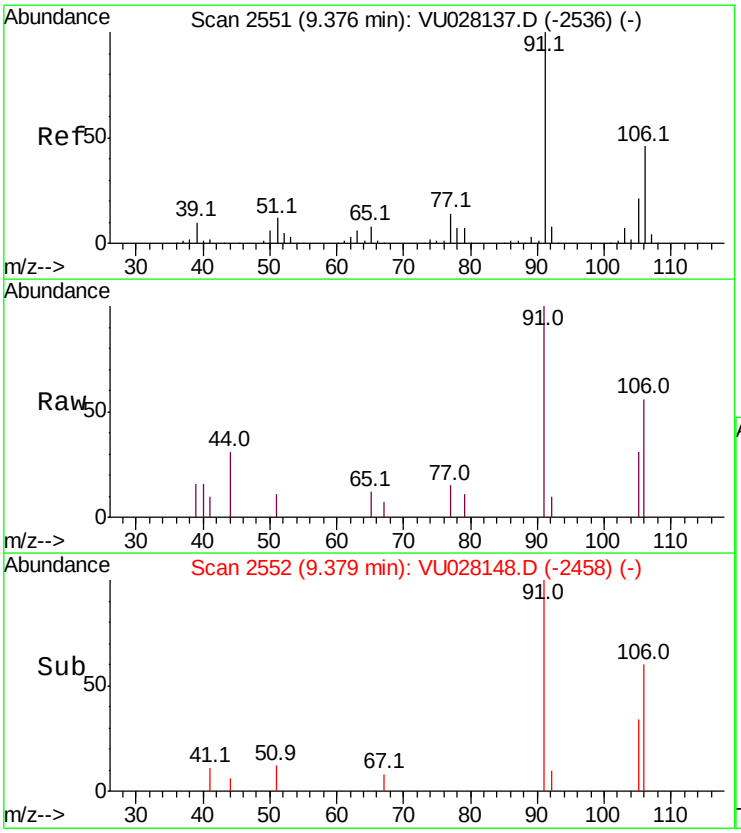
#49
Dibromochloromethane
Concen: 0.085 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU028148.D
Acq: 15 Nov 2018 02:54

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 648

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#

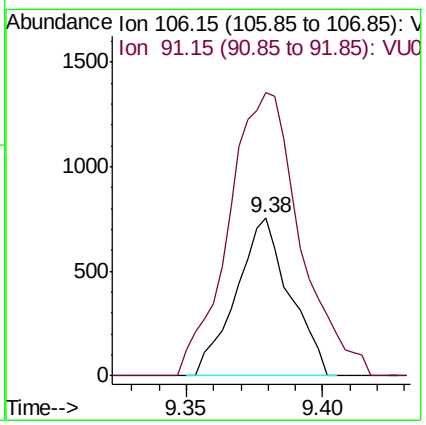


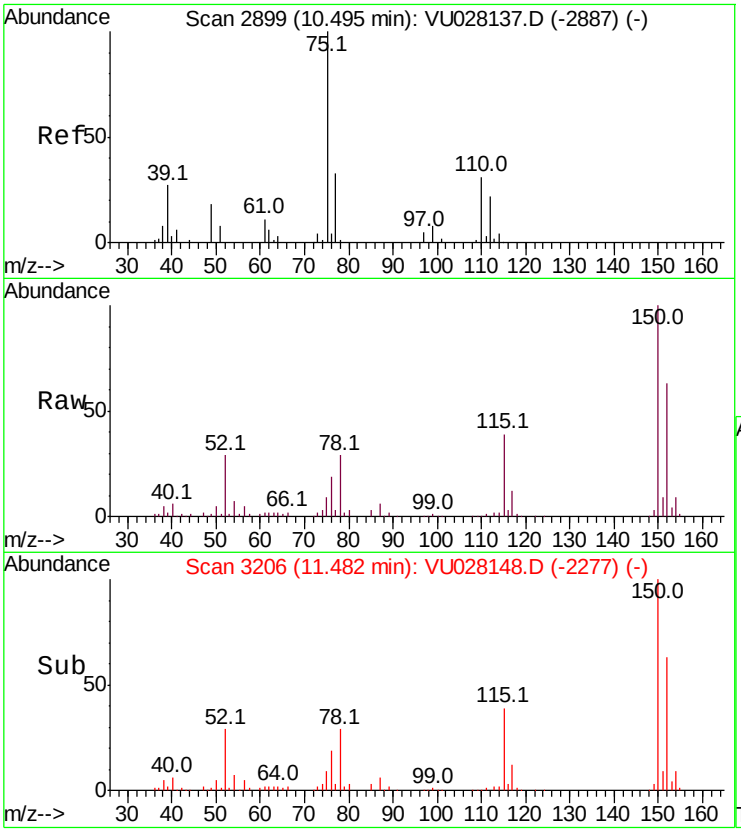


#53
m,p-xylene
Concen: 0.059 ug/L
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU028148.D
Acq: 15 Nov 2018 02:54

Tgt Ion:106 Resp: 1032

Ion	Ratio	Lower	Upper
106	100		
91	178.5	145.7	270.7





#59
1,2,3-Trichloropropane
Concen: 1.191 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028148.D
Acq: 15 Nov 2018 02:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 7961

Ion	Ratio	Lower	Upper
75	100		
77	40.1	25.4	38.0#