Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028153.D
Acq On : 15 Nov 2018 04:52
Operator : MD/SY
Sample : J5943-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN1

Quant Time: Nov 15 06:19:56 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	132129	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	126951	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	58650	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	47961	4.37	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.40%				
7) Chloroethane-d5	1.68	69	40114	4.61	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.20%				
11) 1,1-Dichloroethene-d2	2.28	63	71187	3.48	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.60%				
20) 2-Butanone-d5	4.19	46	175495	55.19	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.38%				
24) Chloroform-d	4.65	84	85630	4.91	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%				
26) 1,2-Dichloroethane-d4	5.31	65	48377	4.97	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%				
32) Benzene-d6	5.34	84	174581	4.79	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%				
36) 1,2-Dichloropropane-d6	6.33	67	65161	5.00	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%				
41) Toluene-d8	7.57	98	153304	4.52	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%				
43) trans-1,3-Dichloropropene-	7.85	79	19519	4.20	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.00%				
46) 2-Hexanone-d5	8.31	63	134226	50.53	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.06%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	45471	4.93	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.60%				
64) 1,2-Dichlorobenzene-d4	11.86	152	52364	4.78	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%				
Target Compounds							Qvalue
5) Vinyl chloride	1.40	62	53841	3.804	ug/L		99
8) Chloroethane	1.70	64	2783	0.327	ug/L		96
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	645	0.074	ug/L	#	20
12) 1,1-Dichloroethene	2.29	96	1771	0.202	ug/L	#	1
13) Acetone	2.32	43	5466	2.552	ug/L		91
18) trans-1,2-Dichloroethene	2.98	96	138185	14.794	ug/L		100
19) 1,1-Dichloroethane	3.45	63	4113	0.209	ug/L		92
22) cis-1,2-Dichloroethene	4.23	96	369534	35.883	ug/L		99
33) Benzene	5.40	78	2992	0.070	ug/L		100
34) Trichloroethene	6.19	95	58082	5.495	ug/L		97
35) Methylcyclohexane	6.33	83	13367	0.736	ug/L	#	16
37) 1,2-Dichloropropane	6.34	63	6248	0.528	ug/L	#	92
39) cis-1,3-Dichloropropene	7.23	75	1209	0.076	ug/L	#	75
42) Toluene	7.64	91	2540	0.058	ug/L		80
47) Tetrachloroethene	8.23	164	1962	0.228	ug/L		90
49) Dibromochloromethane	8.23	129	2232	0.294	ug/L	#	11
52) Ethylbenzene	9.38	91	1533	0.032	ug/L		96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028153.D
Acq On : 15 Nov 2018 04:52
Operator : MD/SY
Sample : J5943-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FN1

Quant Time: Nov 15 06:19:56 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)
59) 1,2,3-Trichloropropane	11.48	75	8688	1.308	ug/L		98
69) Naphthalene	13.76	128	1284	0.056	ug/L	#	70

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028153.D
Acq On : 15 Nov 2018 04:52
Operator : MD/SY
Sample : J5943-15
Misc : 25.0mL/MSVOA_U/WATER
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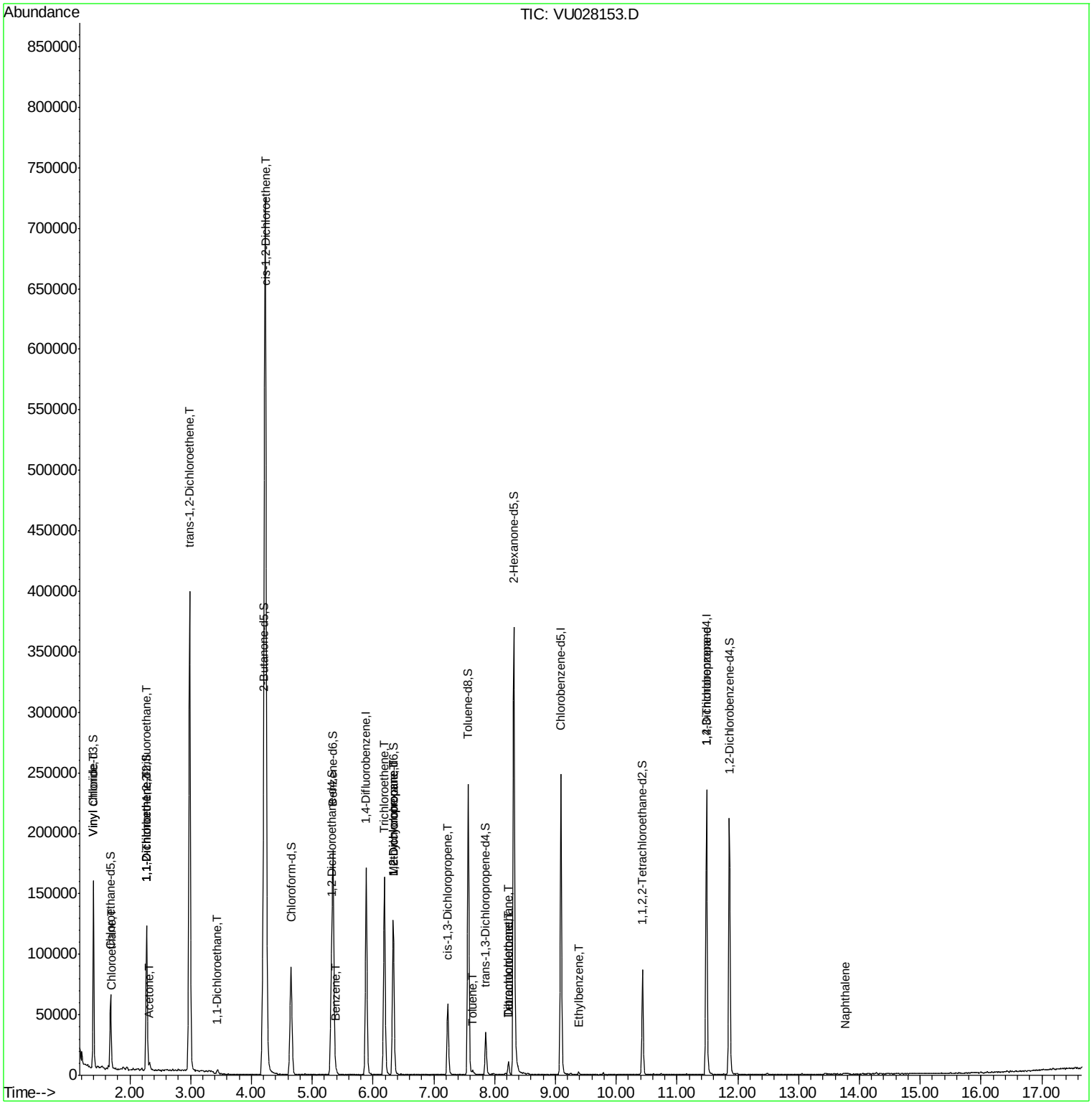
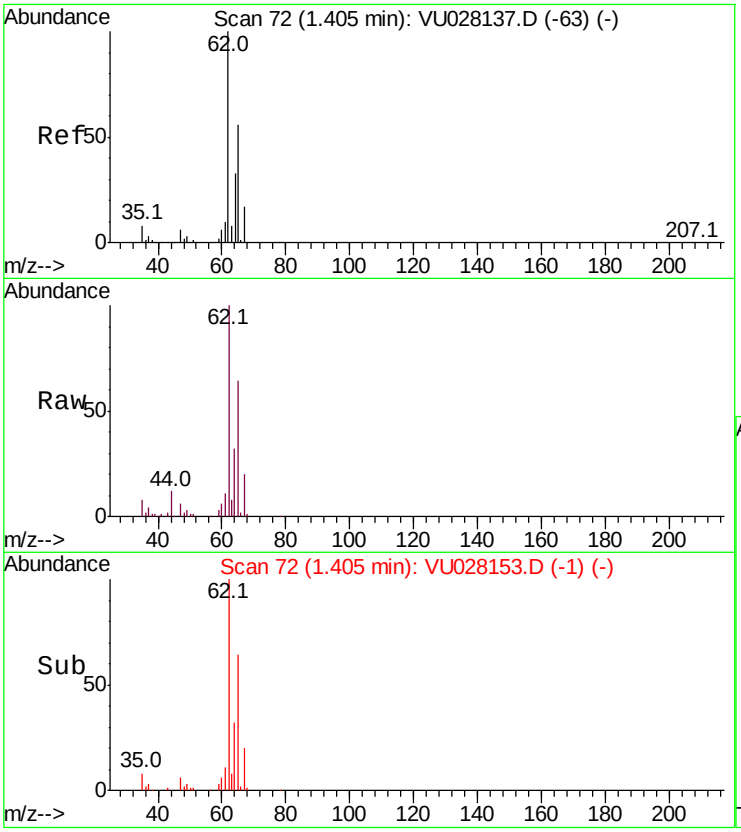
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 06:14:20 2018
Response via : Initial Calibration



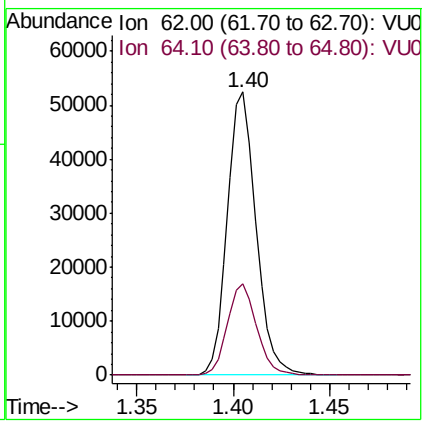


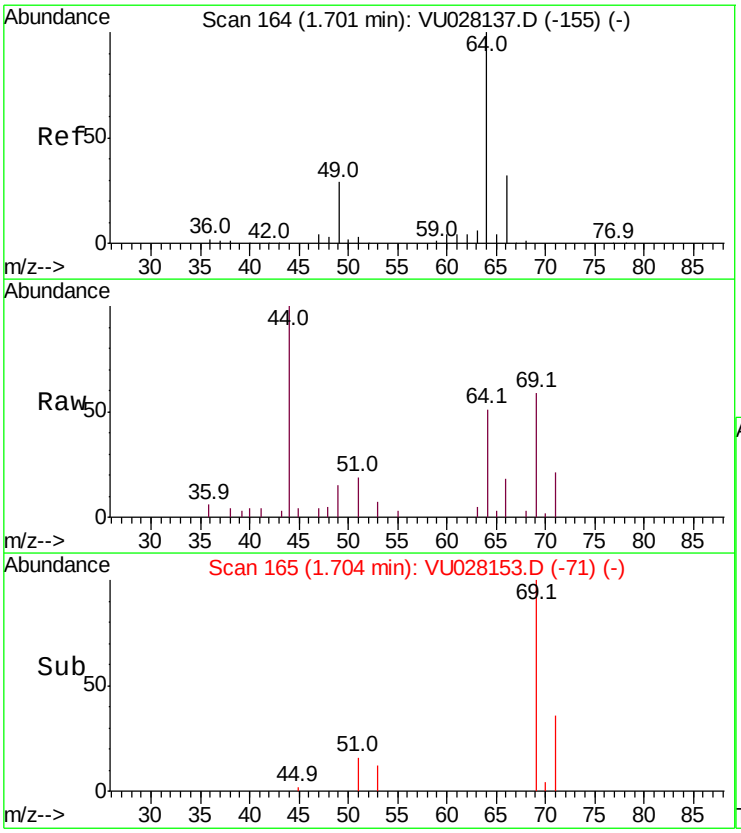
#5
Vinyl chloride
Concen: 3.804 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Instrument :
MSVOA_U
ClientSampleId :
H0FN1

Tgt Ion: 62 Resp: 53841

Ion	Ratio	Lower	Upper
62	100		
64	32.2	22.7	42.3

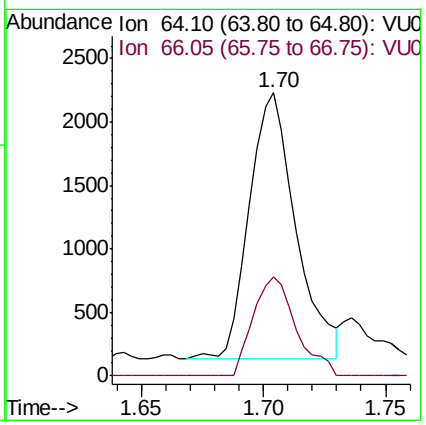


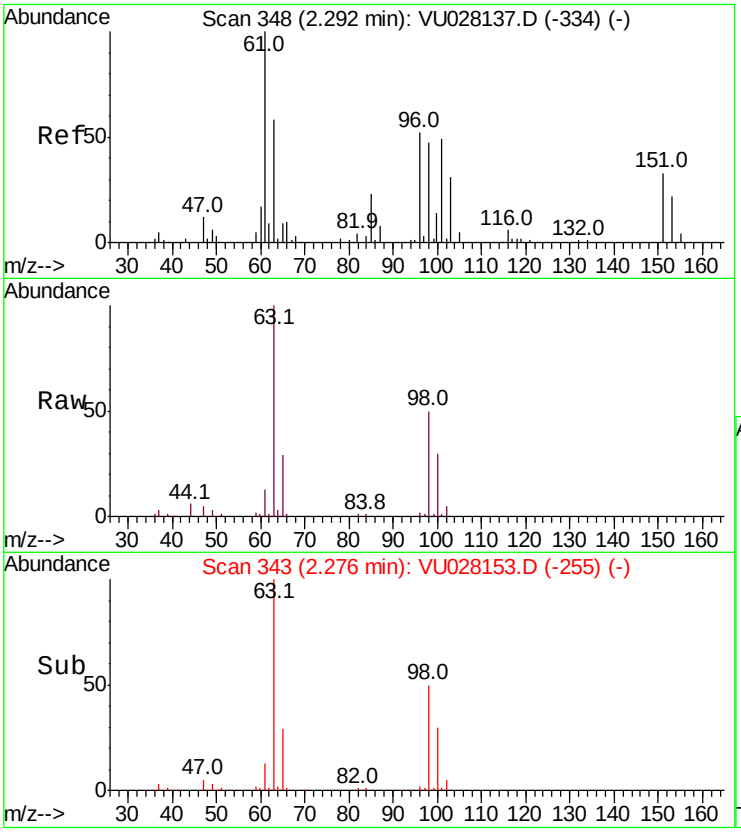


#8
Chloroethane
Concen: 0.327 ug/L
RT: 1.70 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Tgt Ion: 64 Resp: 2783

Ion	Ratio	Lower	Upper
64	100		
66	35.1	23.1	42.9



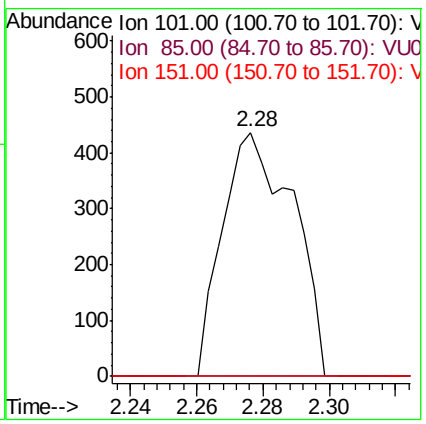


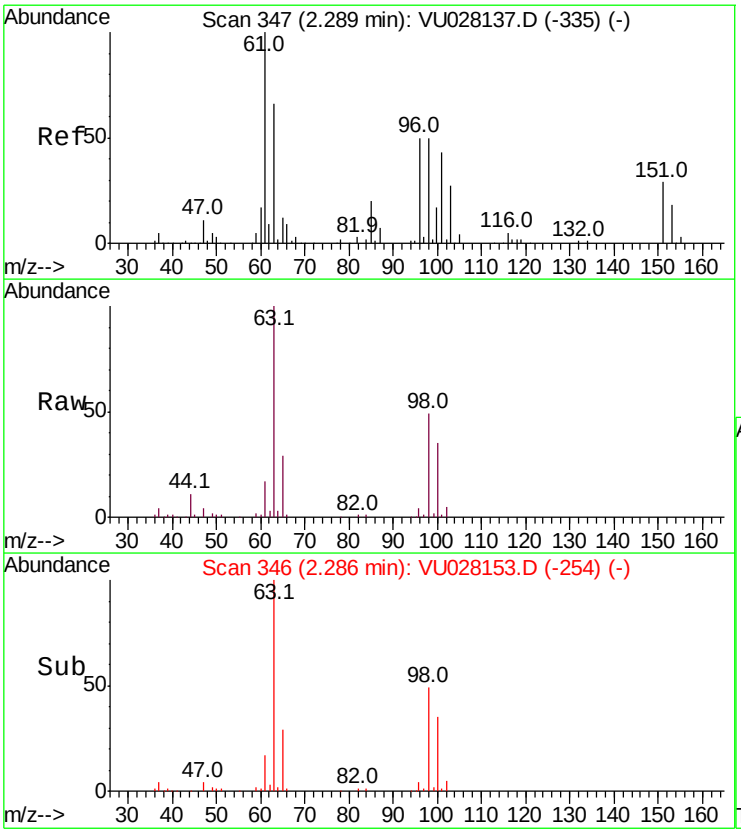
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.074 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.02 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Instrument : MSVOA_U
ClientSampleId : H0FN1

Tgt Ion:101 Resp: 645

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

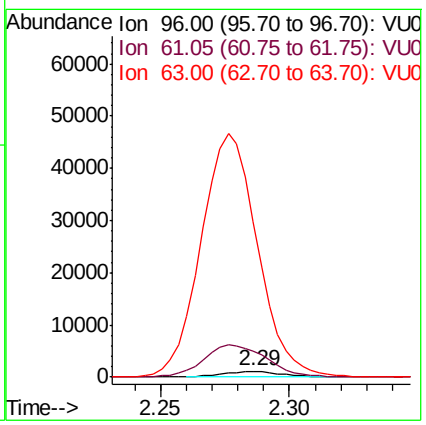


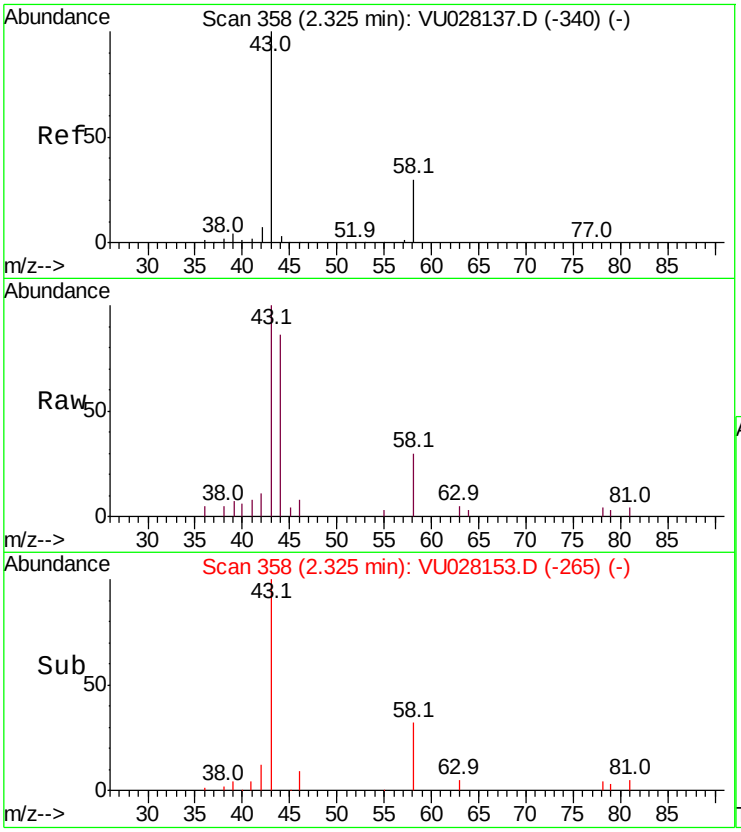


#12
1,1-Dichloroethene
Concen: 0.202 ug/L
RT: 2.29 min Scan# 346
Delta R.T. -0.00 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Tgt Ion: 96 Resp: 1771

Ion	Ratio	Lower	Upper
96	100		
61	424.0	134.8	250.3#
63	2553.0	100.1	185.9#



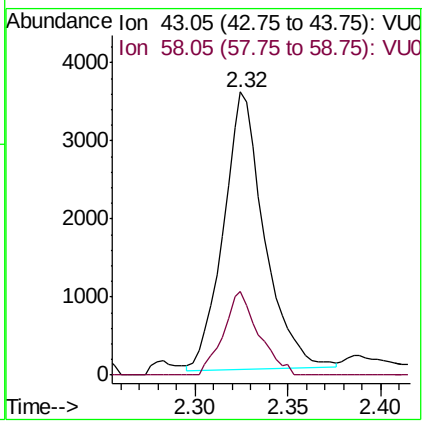


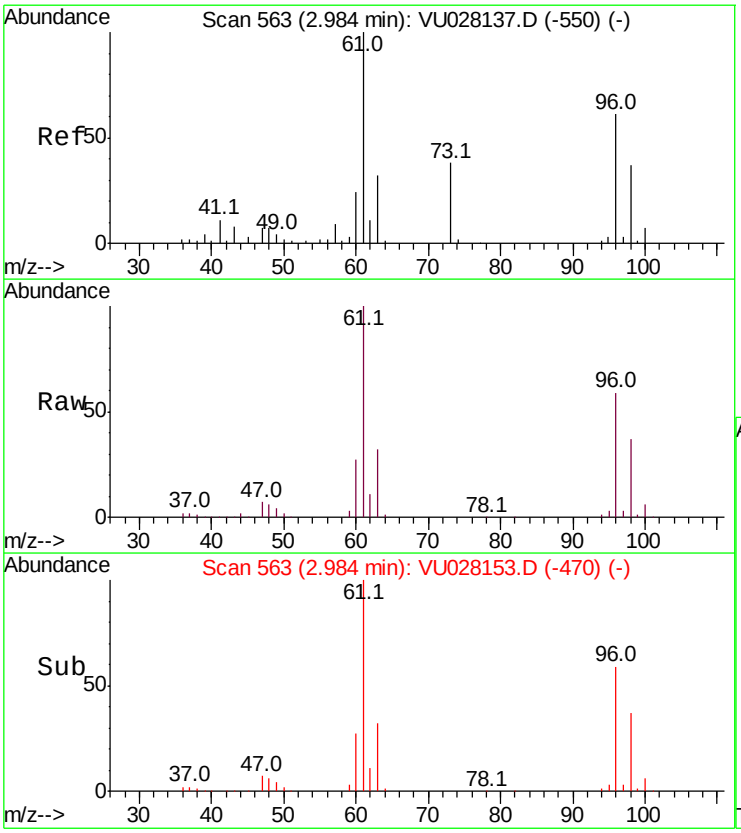
#13
Acetone
Concen: 2.552 ug/L
RT: 2.32 min Scan# 358
Delta R.T. -0.00 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Instrument :
MSVOA_U
ClientSampleId :
H0FN1

Tgt Ion: 43 Resp: 5466

Ion	Ratio	Lower	Upper
43	100		
58	25.7	0.0	61.6

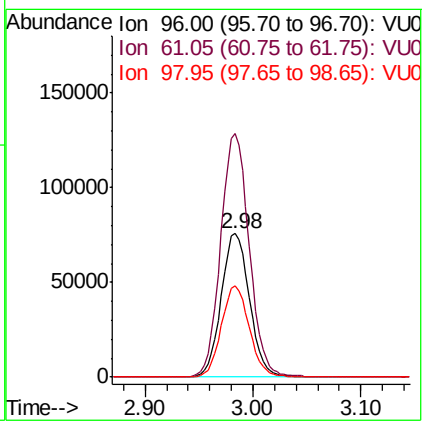


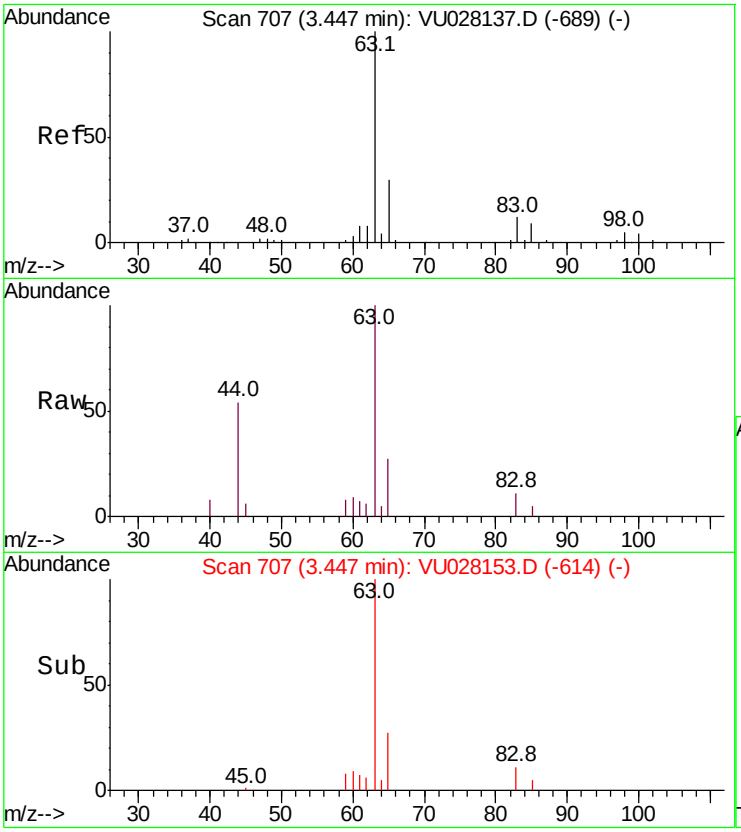


#18
trans-1,2-Dichloroethene
Concen: 14.794 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Tgt Ion: 96 Resp: 138185

Ion	Ratio	Lower	Upper
96	100		
61	169.4	118.5	220.1
98	63.4	44.9	83.5



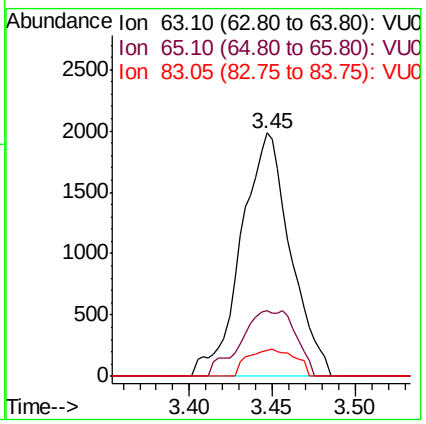


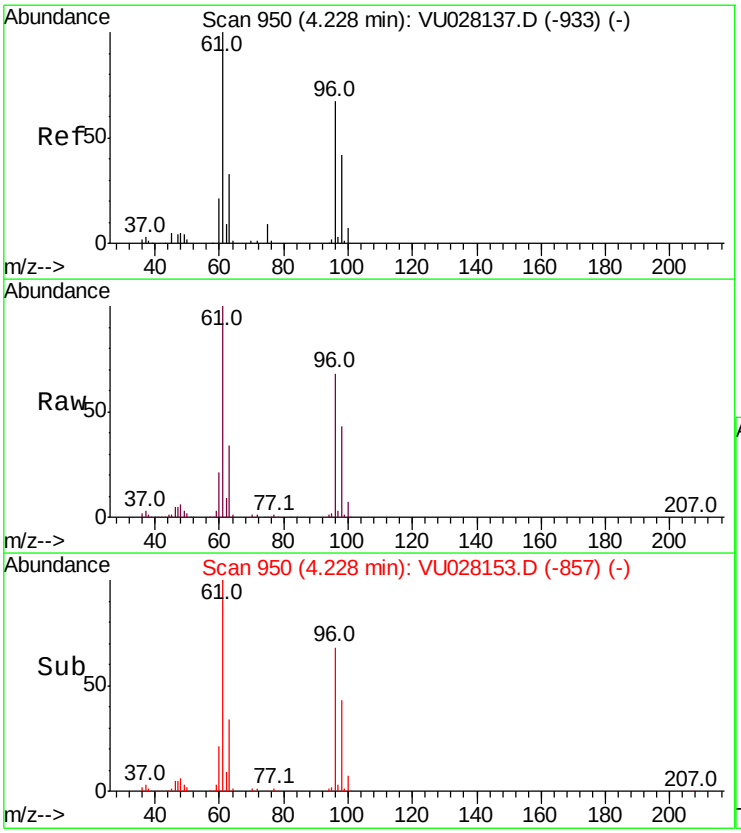
#19
1,1-Dichloroethane
Concen: 0.209 ug/L
RT: 3.45 min Scan# 707
Delta R.T. 0.00 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Instrument : MSVOA_U
ClientSampleId : H0FN1

Tgt Ion: 63 Resp: 4113

Ion	Ratio	Lower	Upper
63	100		
65	26.9	22.2	41.2
83	10.8	8.9	16.5

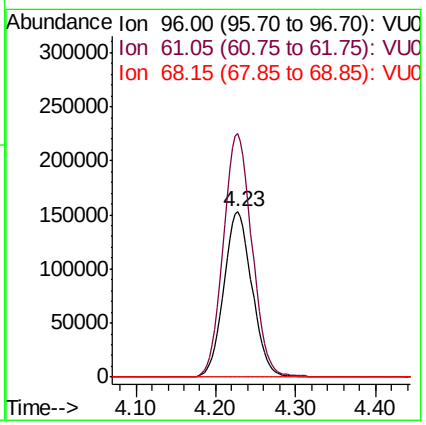


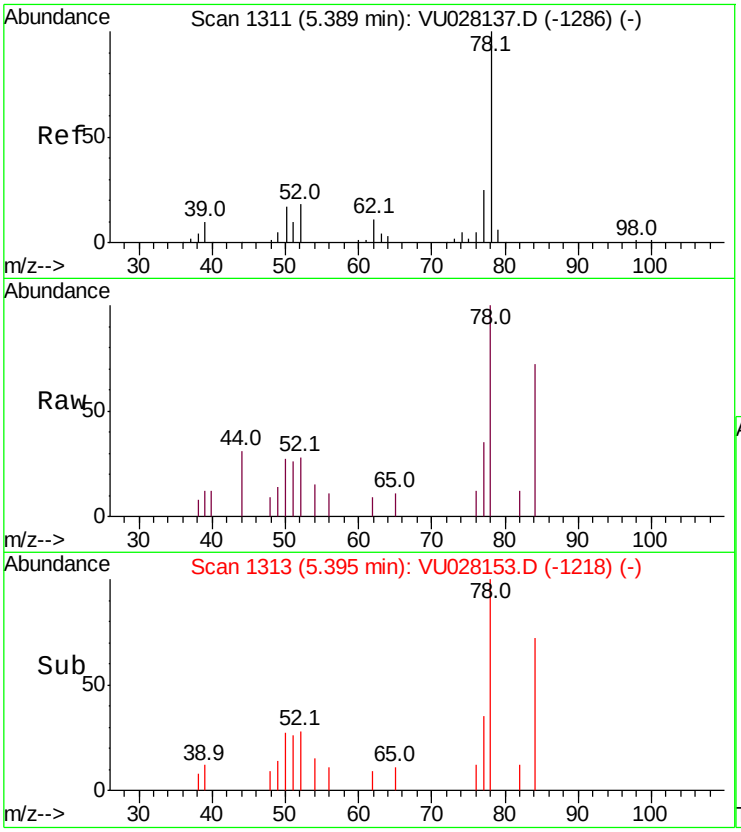


#22
cis-1,2-Dichloroethene
Concen: 35.883 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Tgt Ion: 96 Resp: 369534

Ion	Ratio	Lower	Upper
96	100		
61	147.2	101.8	189.0
68	0.0	0.0	0.0

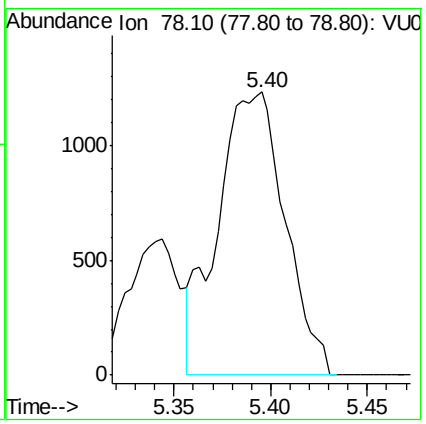


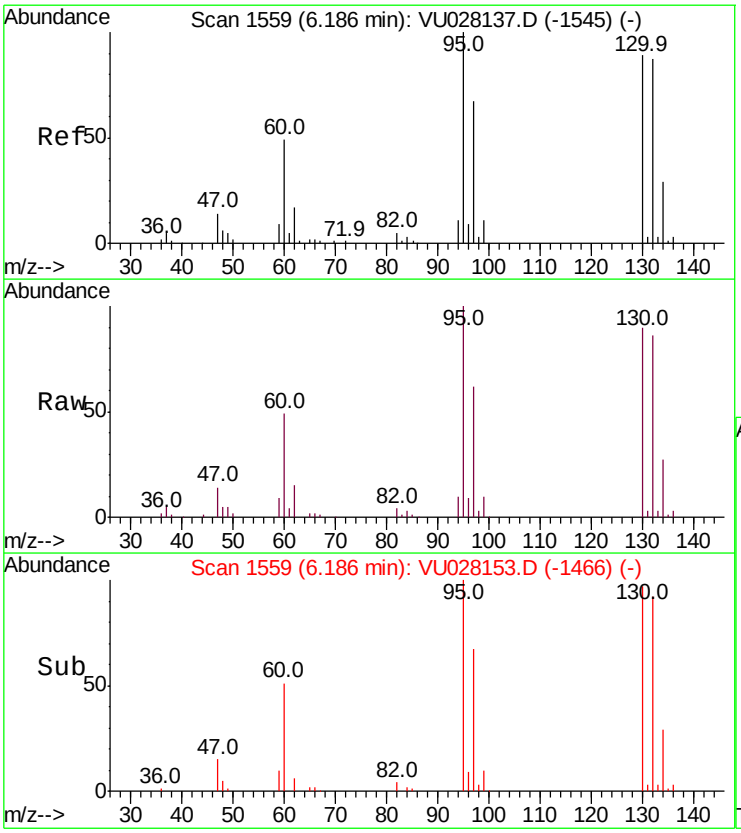


#33
Benzene
Concen: 0.070 ug/L
RT: 5.40 min Scan# 1313
Delta R.T. 0.01 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Instrument :
MSVOA_U
ClientSampleId :
H0FN1

Tgt Ion: 78 Resp: 2992

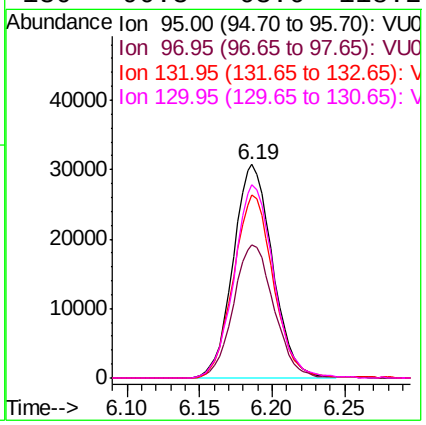


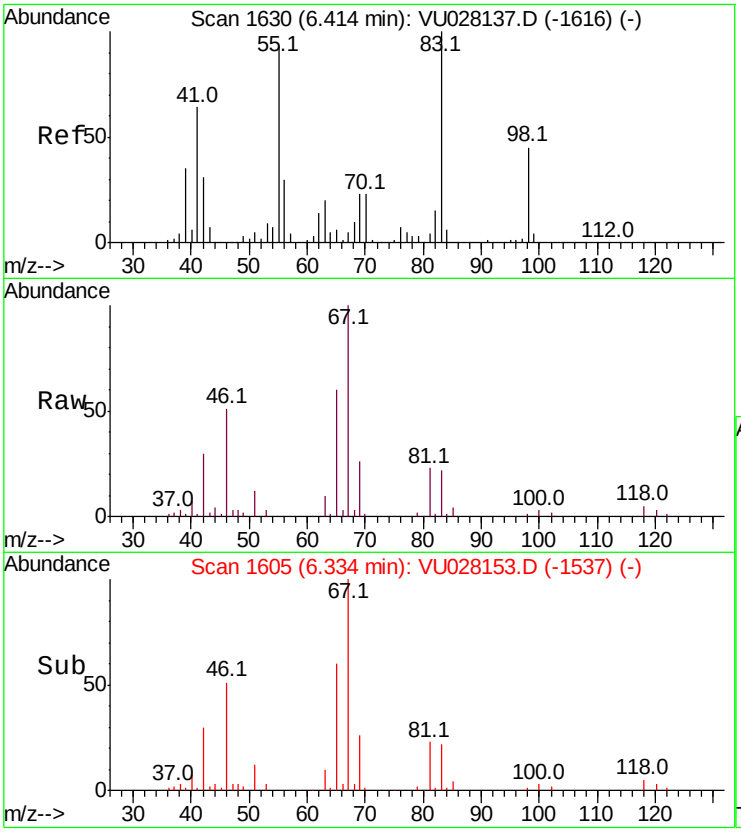


#34
Trichloroethene
Concen: 5.495 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Tgt Ion: 95 Resp: 58082

Ion	Ratio	Lower	Upper
95	100		
97	62.3	45.3	84.1
132	85.5	63.0	117.0
130	90.3	63.6	118.2



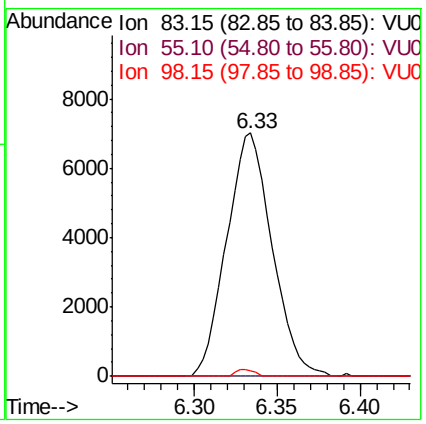


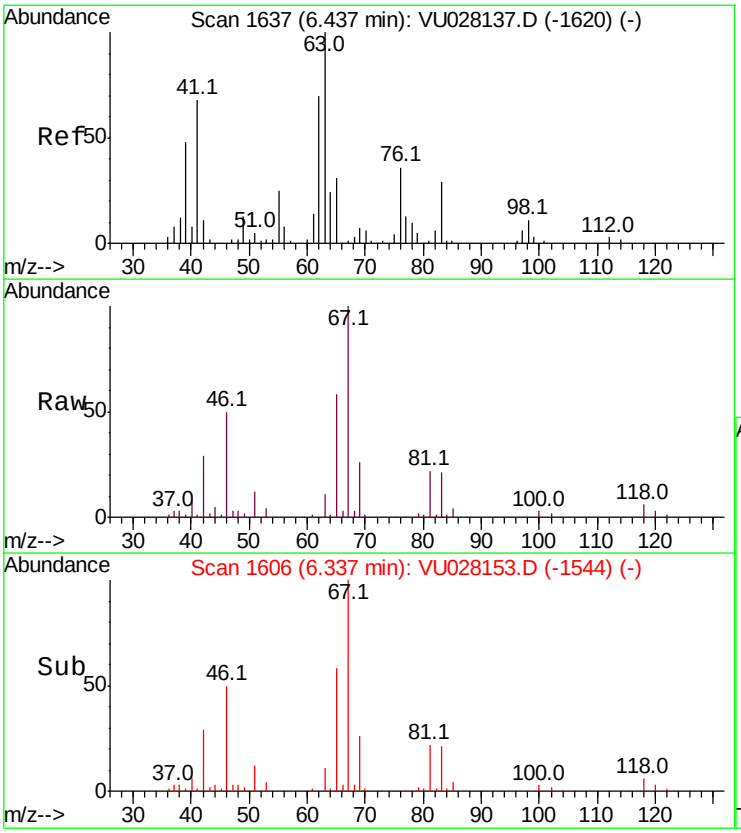
#35
Methylcyclohexane
Concen: 0.736 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Instrument : MSVOA_U
ClientSampleId : H0FN1

Tgt Ion: 83 Resp: 13367

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.0	103.4#
98	1.2	33.3	49.9#

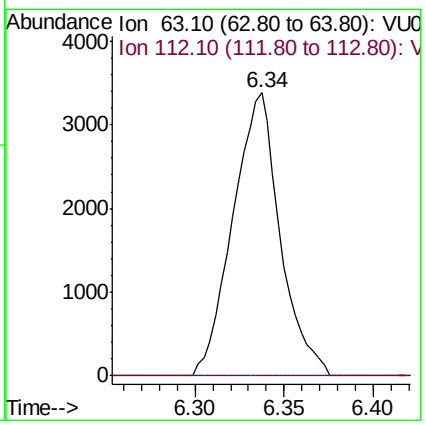


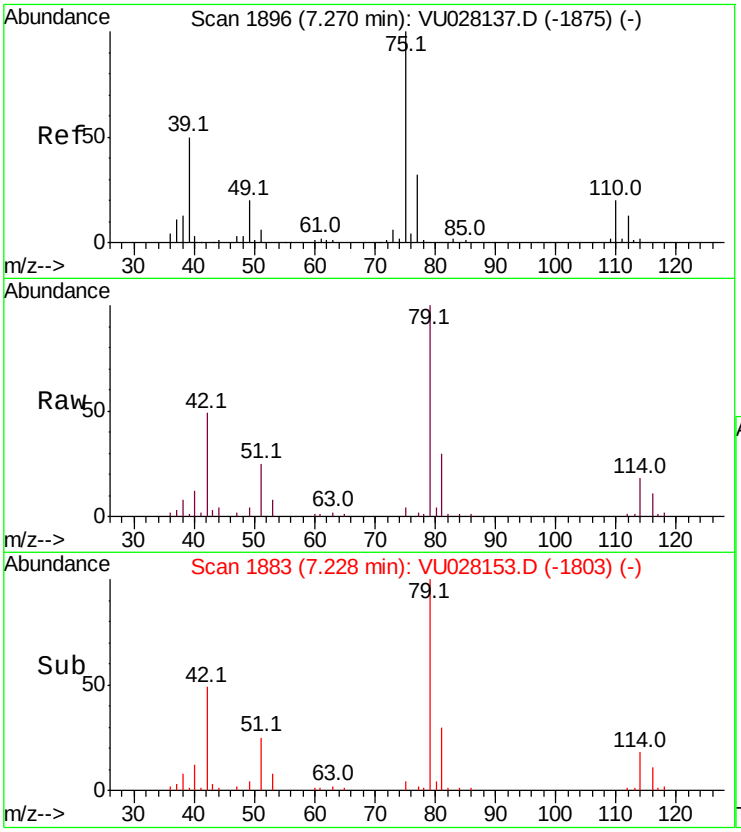


#37
1,2-Dichloropropane
Concen: 0.528 ug/L
RT: 6.34 min Scan# 1606
Delta R.T. -0.10 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Tgt Ion: 63 Resp: 6248

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.4#



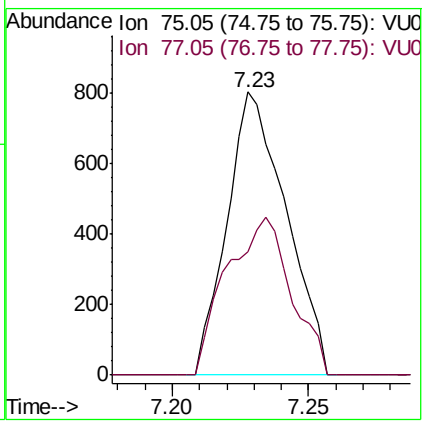


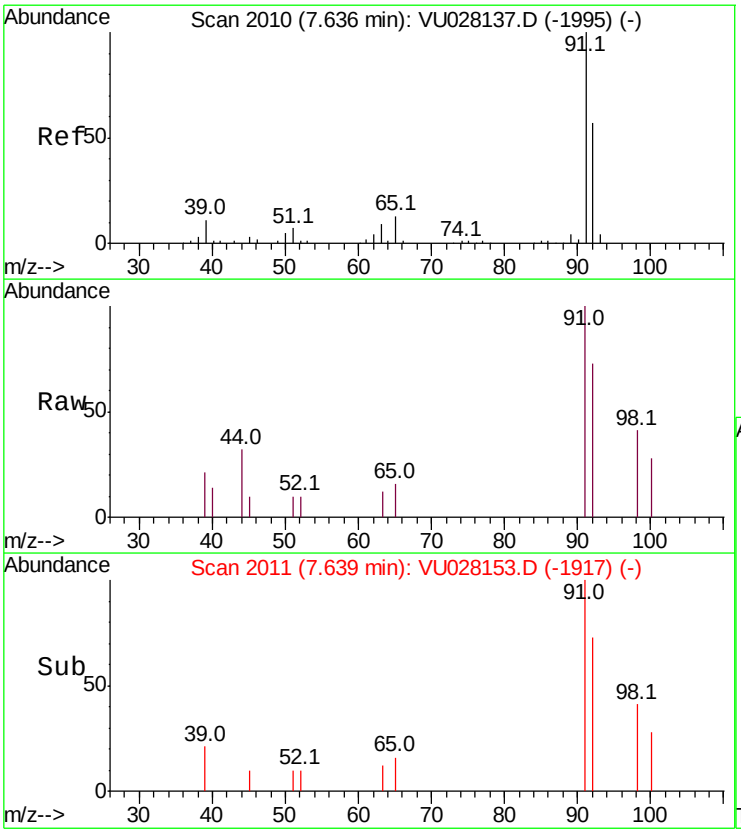
#39
cis-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Instrument : MSVOA_U
ClientSampleId : H0FN1

Tgt Ion: 75 Resp: 1209

Ion	Ratio	Lower	Upper
75	100		
77	43.5	20.9	38.9#

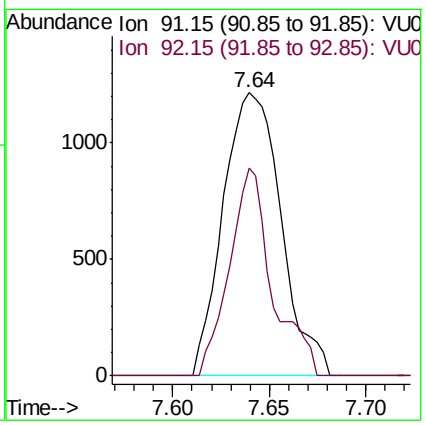


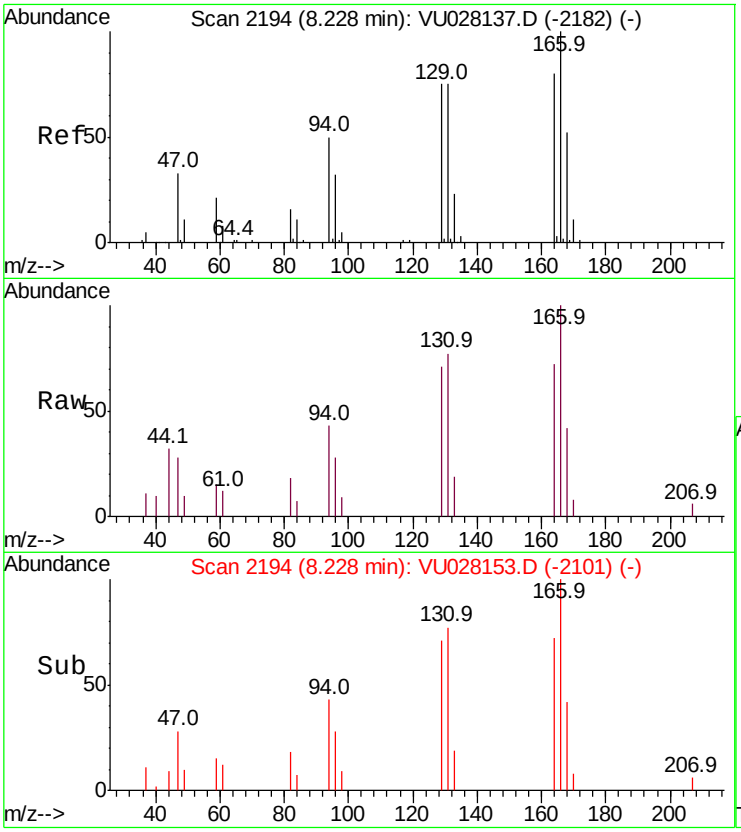


#42
Toluene
Concen: 0.058 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Tgt Ion: 91 Resp: 2540

Ion	Ratio	Lower	Upper
91	100		
92	73.3	40.7	75.7



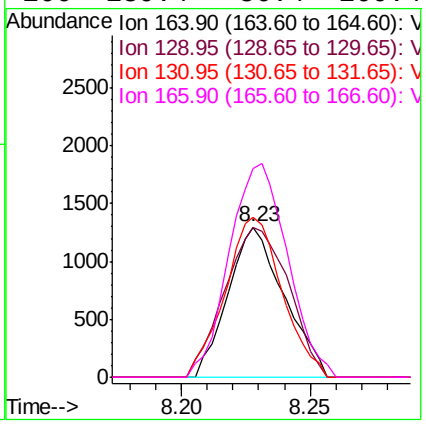


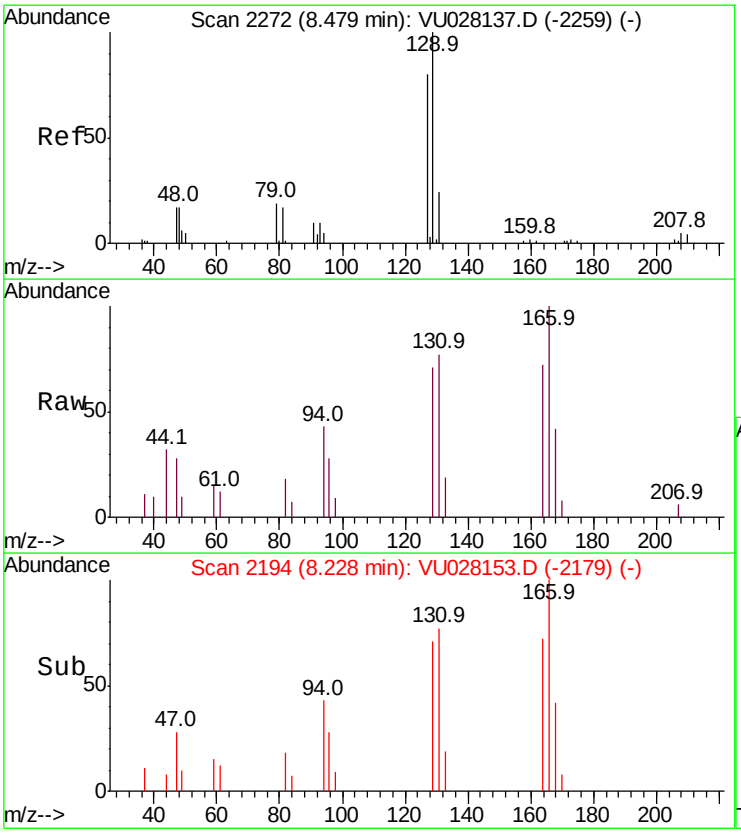
#47
Tetrachloroethene
Concen: 0.228 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Instrument : MSVOA_U
ClientSampleId : H0FN1

Tgt Ion:164 Resp: 1962

Ion	Ratio	Lower	Upper
164	100		
129	99.5	69.7	129.4
131	106.7	64.0	118.8
166	139.4	86.4	160.4

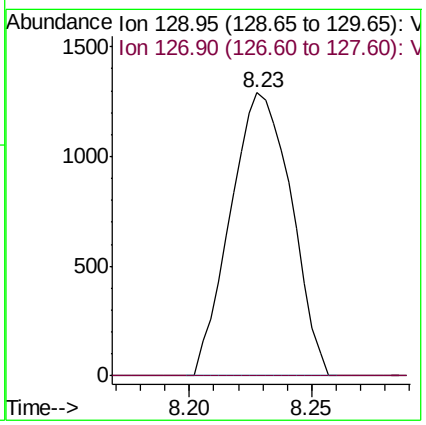


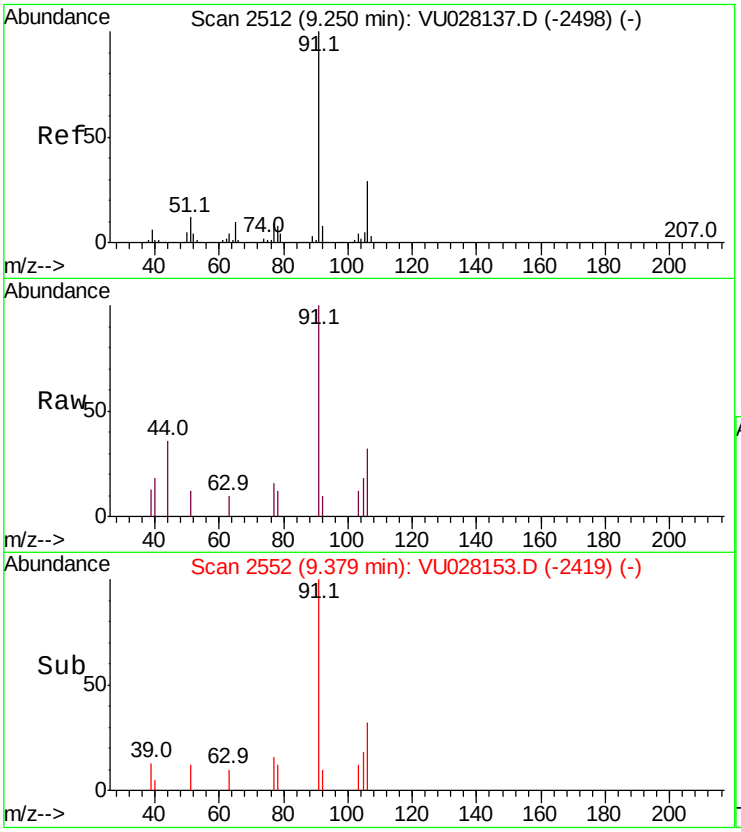


#49
Dibromochloromethane
Concen: 0.294 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Tgt Ion:129 Resp: 2232

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#



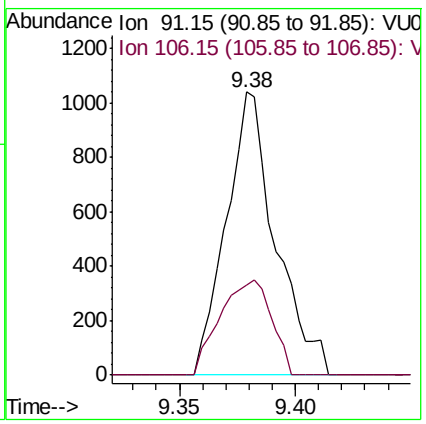


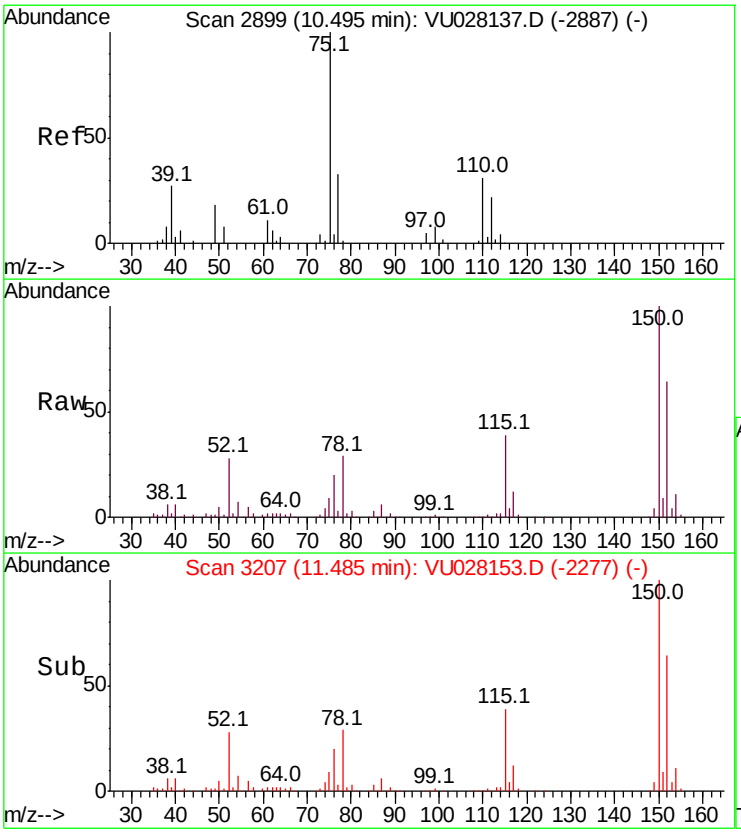
#52
Ethylbenzene
Concen: 0.032 ug/L
RT: 9.38 min Scan# 2552
Delta R.T. 0.13 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Instrument : MSVOA_U
ClientSampleId : H0FN1

Tgt Ion: 91 Resp: 1533

Ion	Ratio	Lower	Upper
91	100		
106	32.0	20.9	38.7

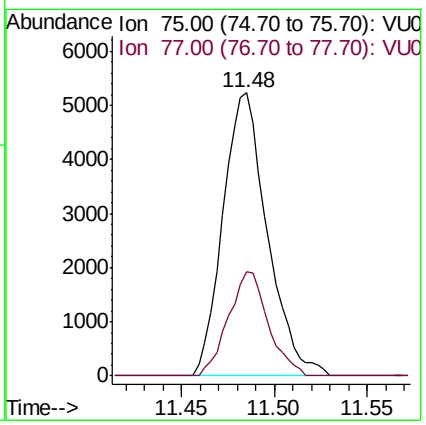


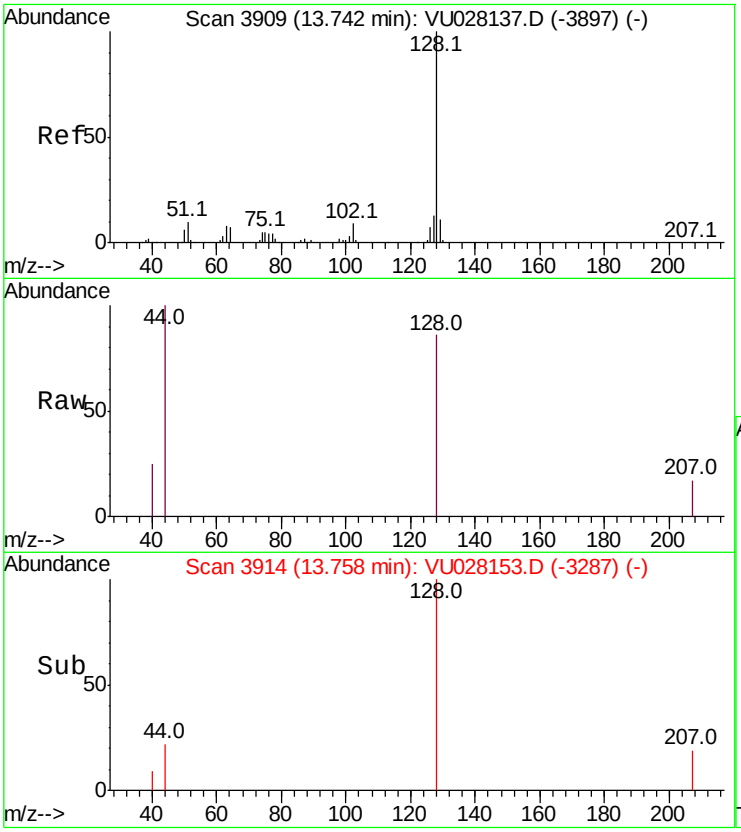


#59
1,2,3-Trichloropropane
Concen: 1.308 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Tgt Ion: 75 Resp: 8688

Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.4	38.0





#69
Naphthalene
Concen: 0.056 ug/L
RT: 13.76 min Scan# 3914
Delta R.T. 0.02 min
Lab File: VU028153.D
Acq: 15 Nov 2018 04:52

Instrument :
MSVOA_U
ClientSampleId :
H0FN1

Tgt Ion:128 Resp: 1284

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.5	12.7#
127	0.0	10.2	15.4#