Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028140.D
Acq On : 14 Nov 2018 23:44
Operator : MD/SY
Sample : J5943-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 15 06:17:44 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	130302	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	124692	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	55574	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	47295	4.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.40%			
7) Chloroethane-d5	1.68	69	40029	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.20%			
11) 1,1-Dichloroethene-d2	2.28	63	70629	3.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.00%			
20) 2-Butanone-d5	4.19	46	175794	56.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.12%			
24) Chloroform-d	4.65	84	85271	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.31	65	49345	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.80%			
32) Benzene-d6	5.34	84	175826	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	6.33	67	64337	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.57	98	155798	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
43) trans-1,3-Dichloropropene-	7.85	79	20428	4.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.40%			
46) 2-Hexanone-d5	8.31	63	137702	52.78	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.56%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	46438	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	52574	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	56212	4.028	ug/L	100
8) Chloroethane	1.76	64	792	0.094	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	511	0.060	ug/L #	28
12) 1,1-Dichloroethene	2.29	96	2063	0.238	ug/L #	1
13) Acetone	2.33	43	3435	1.626	ug/L	93
15) Methyl Acetate	2.62	43	787	0.139	ug/L #	58
18) trans-1,2-Dichloroethene	2.98	96	129209	14.027	ug/L	99
19) 1,1-Dichloroethane	3.44	63	1146	0.059	ug/L	94
22) cis-1,2-Dichloroethene	4.23	96	331150	32.607	ug/L	94
33) Benzene	5.40	78	3708	0.088	ug/L	100
34) Trichloroethene	6.19	95	217155	20.916	ug/L	98
35) Methylcyclohexane	6.33	83	13140	0.736	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	6837	0.589	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1473	0.094	ug/L #	51
42) Toluene	7.64	91	2263	0.052	ug/L #	72
47) Tetrachloroethene	8.23	164	4203	0.498	ug/L	95
48) 2-Hexanone	8.31	43	16296	2.863	ug/L #	69

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028140.D
Acq On : 14 Nov 2018 23:44
Operator : MD/SY
Sample : J5943-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 15 06:17:44 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	4110	0.550	ug/L	#	11
59) 1,2,3-Trichloropropane	11.48	75	8440	1.294	ug/L		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
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Acq On : 14 Nov 2018 23:44
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

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MSVOA_U
ClientSampleId :

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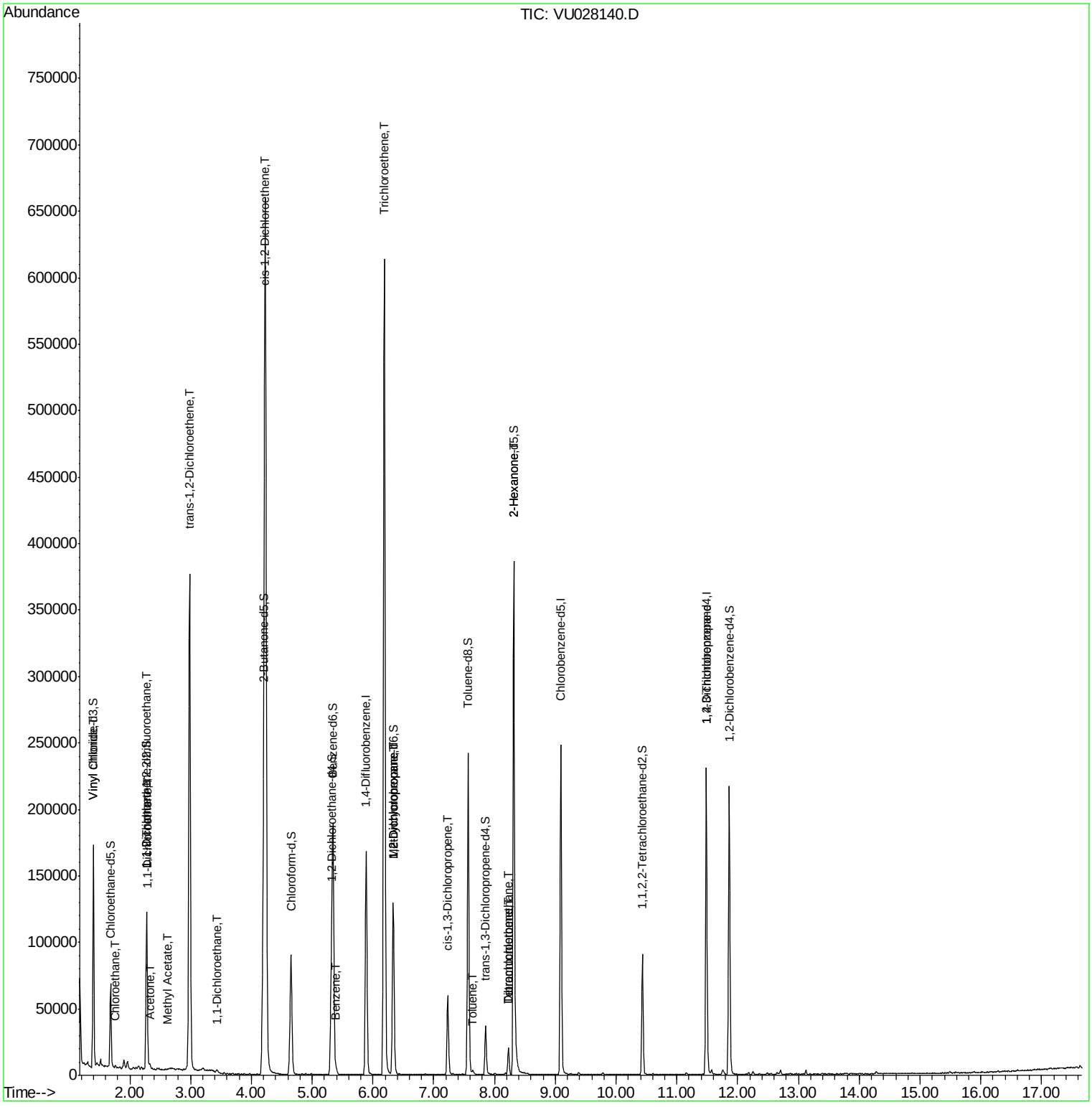
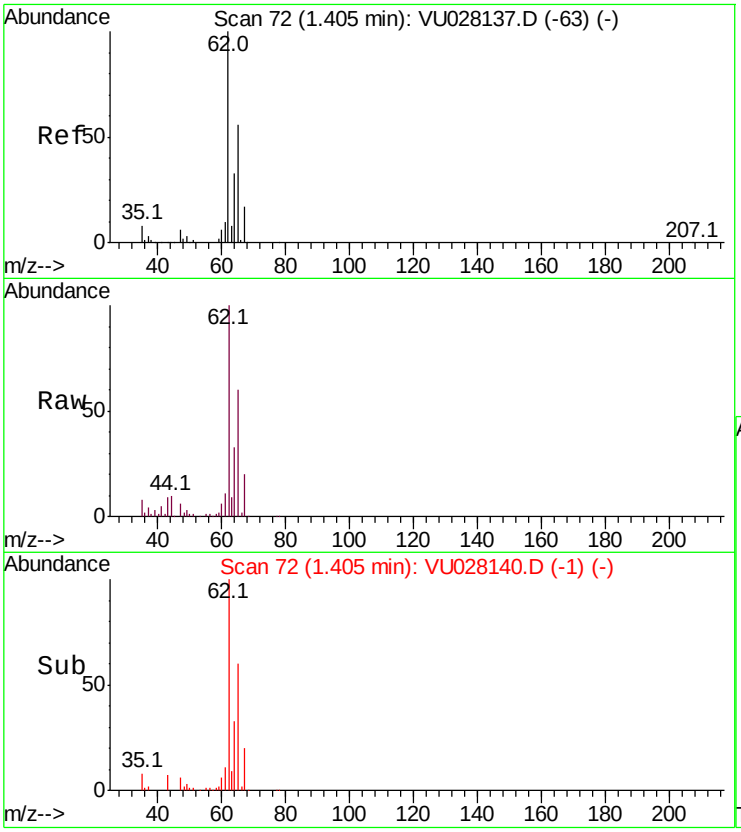
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 06:14:20 2018
Response via : Initial Calibration



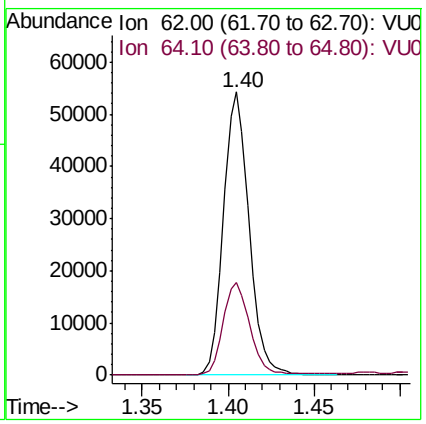


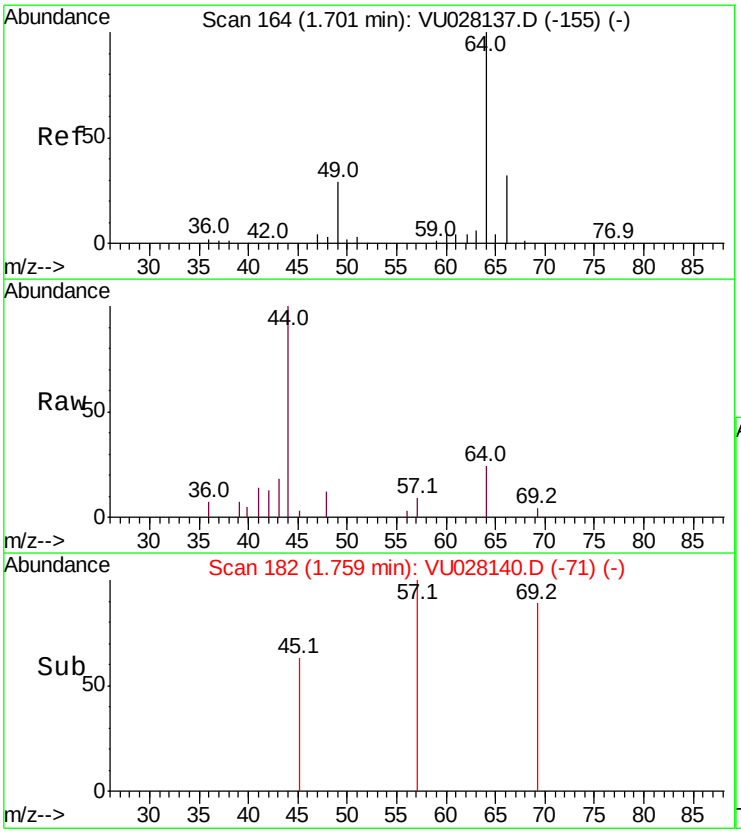
#5
Vinyl chloride
Concen: 4.028 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 56212

Ion	Ratio	Lower	Upper
62	100		
64	32.7	22.7	42.3

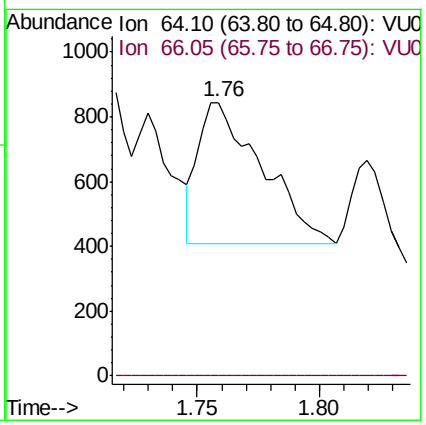


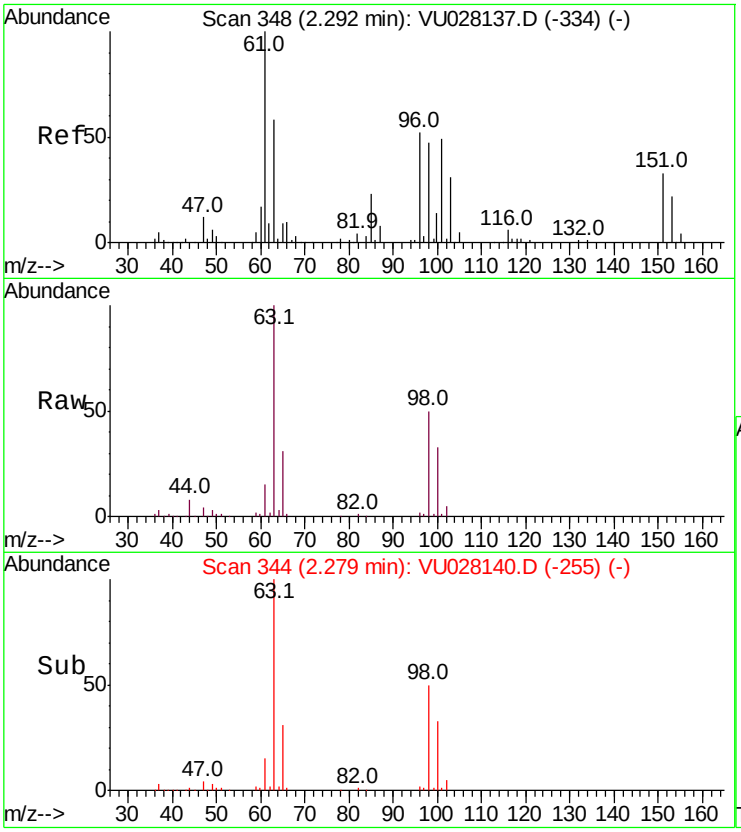


#8
Chloroethane
Concen: 0.094 ug/L
RT: 1.76 min Scan# 182
Delta R.T. 0.06 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Tgt Ion: 64 Resp: 792

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.1	42.9#



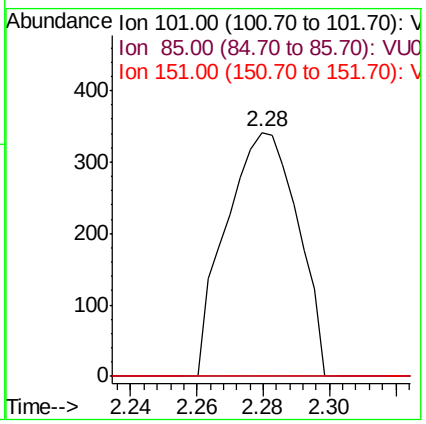


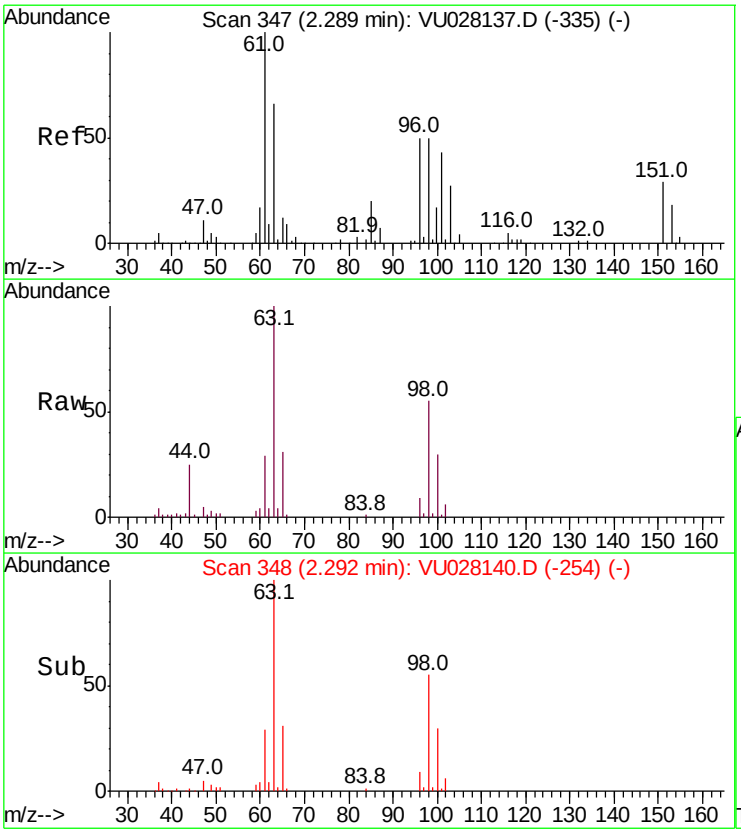
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 511

Ion	Ratio	Lower	Upper
101	100		
85	13.5	37.6	56.4#
151	0.0	58.2	87.2#

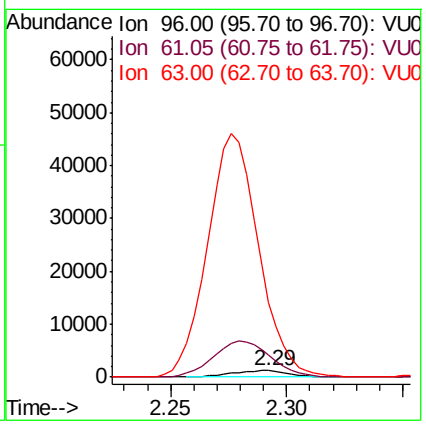


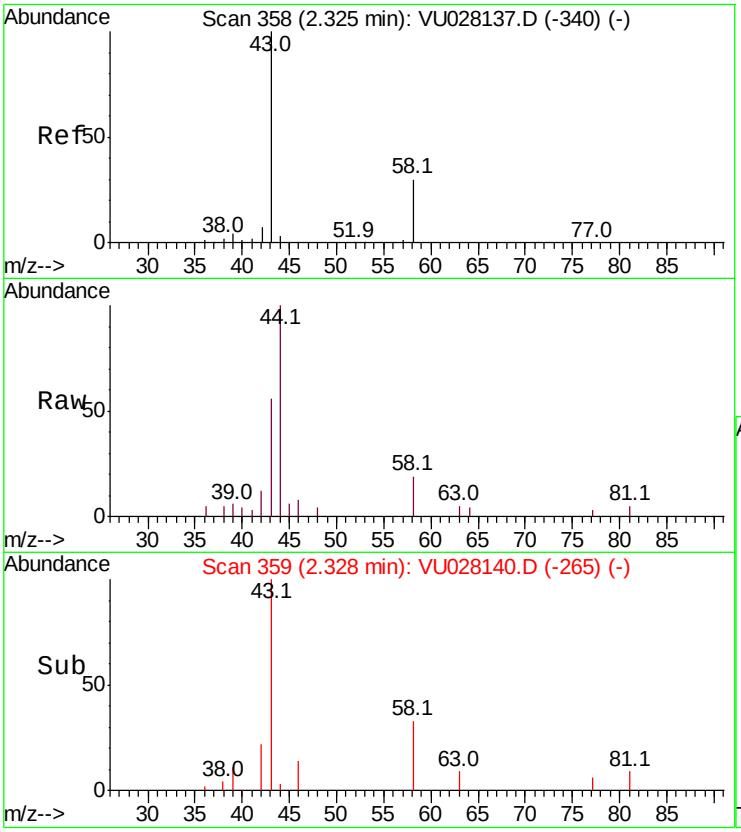


#12
1,1-Dichloroethene
Concen: 0.238 ug/L
RT: 2.29 min Scan# 348
Delta R.T. 0.00 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Tgt Ion: 96 Resp: 2063

Ion	Ratio	Lower	Upper
96	100		
61	323.2	134.8	250.3#
63	1110.9	100.1	185.9#



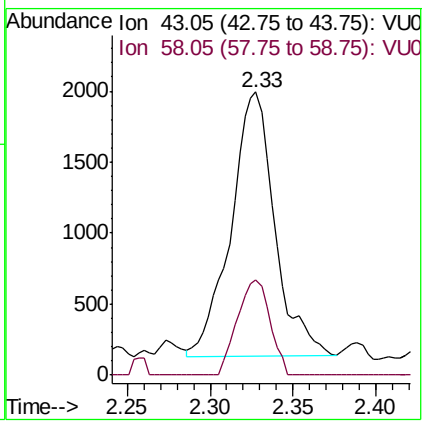


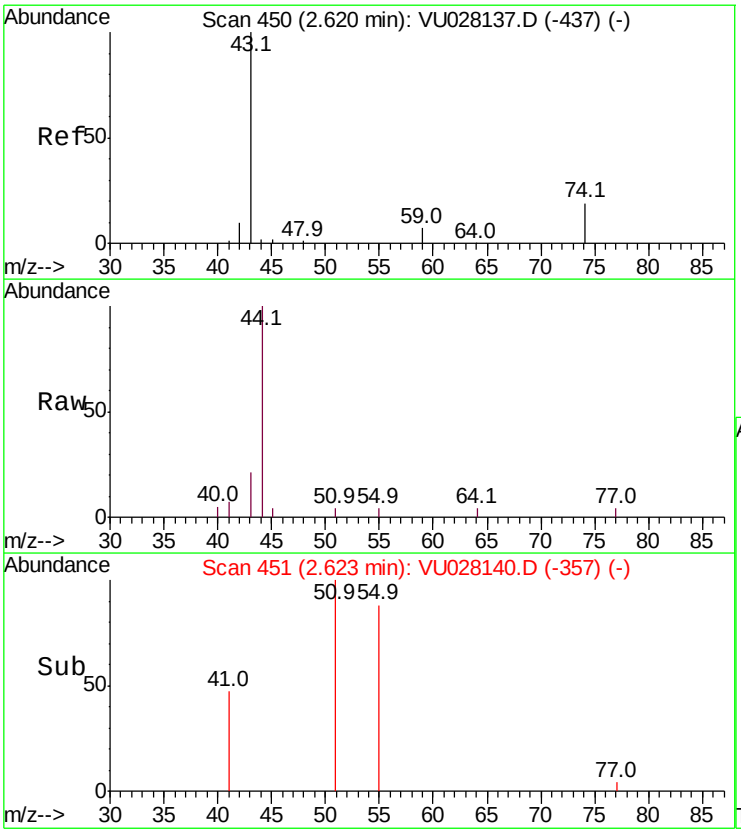
#13
Acetone
Concen: 1.626 ug/L
RT: 2.33 min Scan# 359
Delta R.T. 0.00 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 3435

Ion	Ratio	Lower	Upper
43	100		
58	26.7	0.0	61.6

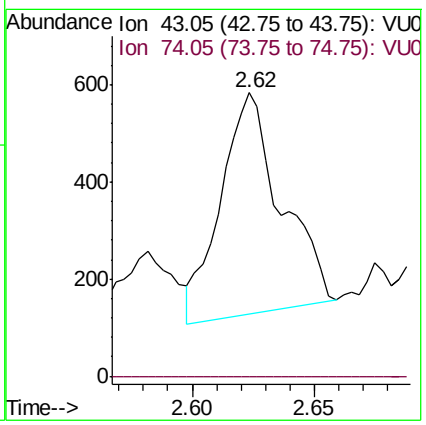


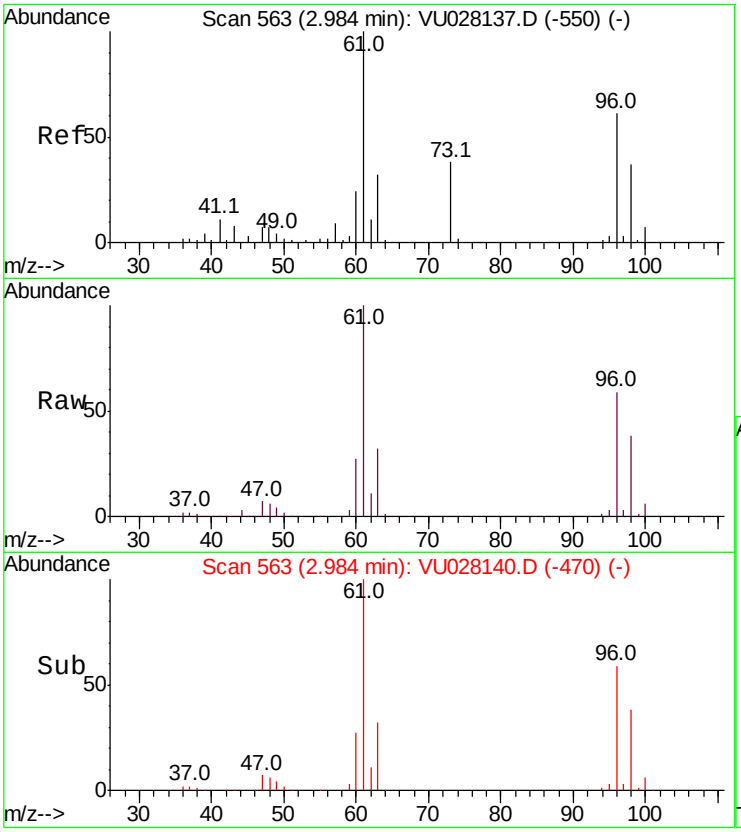


#15
Methyl Acetate
Concen: 0.139 ug/L
RT: 2.62 min Scan# 451
Delta R.T. 0.00 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Tgt Ion: 43 Resp: 787

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.9	22.3#



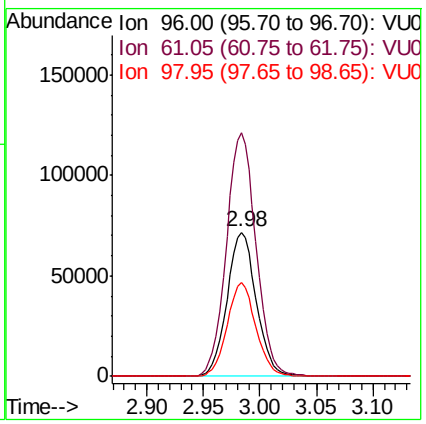


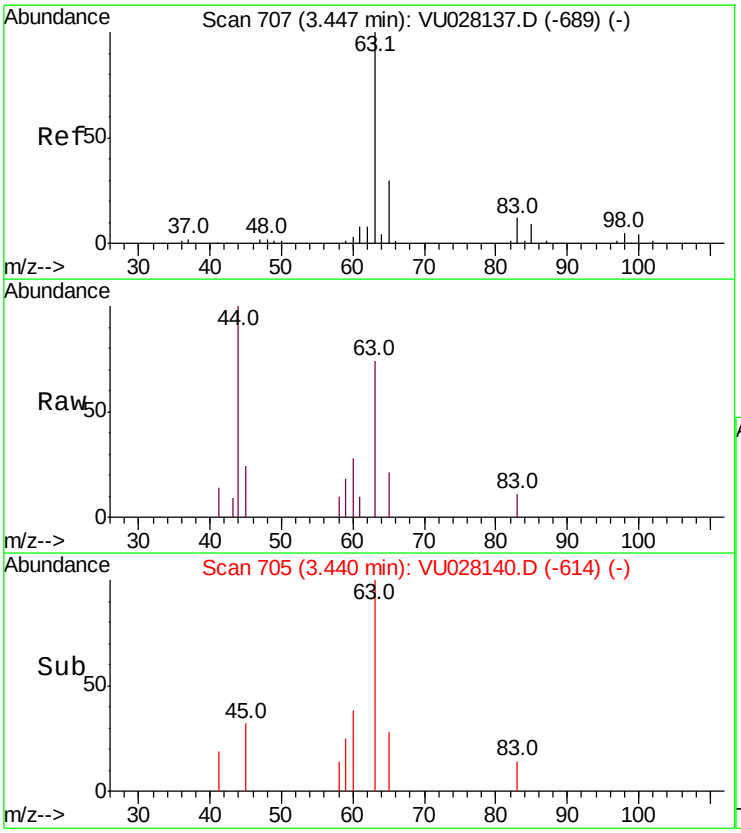
#18
trans-1,2-Dichloroethene
Concen: 14.027 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 129209

Ion	Ratio	Lower	Upper
96	100		
61	168.6	118.5	220.1
98	64.7	44.9	83.5

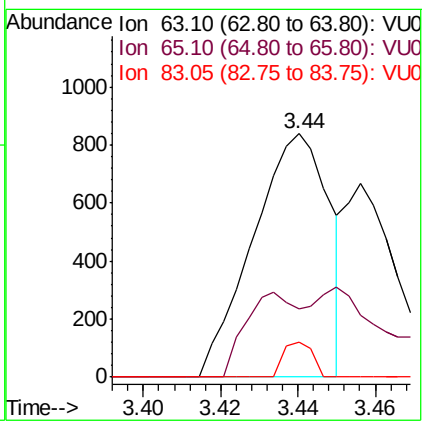


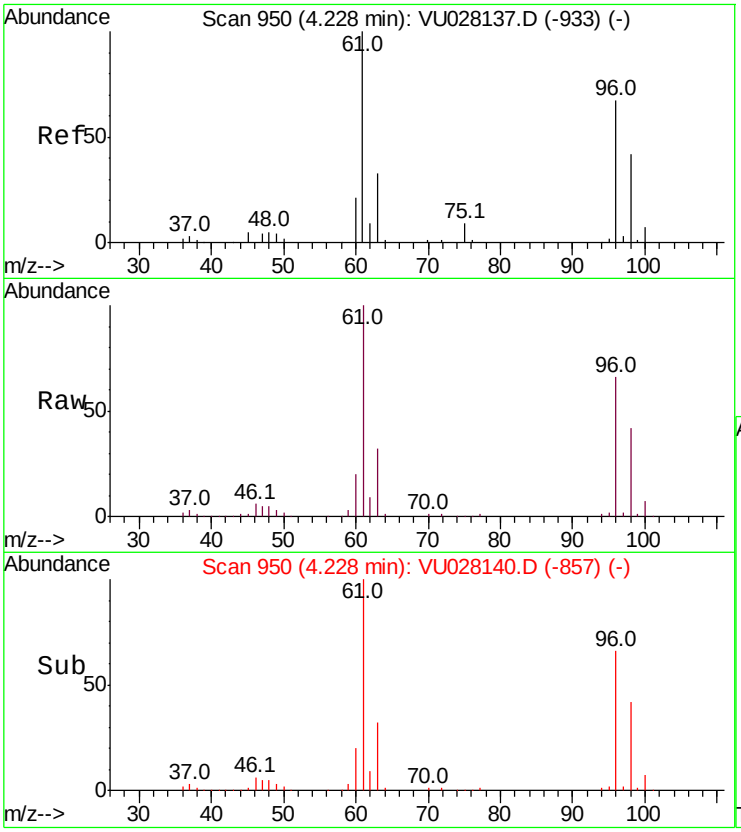


#19
1,1-Dichloroethane
Concen: 0.059 ug/L
RT: 3.44 min Scan# 705
Delta R.T. -0.01 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Tgt Ion: 63 Resp: 1146

Ion	Ratio	Lower	Upper
63	100		
65	28.0	22.2	41.2
83	14.4	8.9	16.5



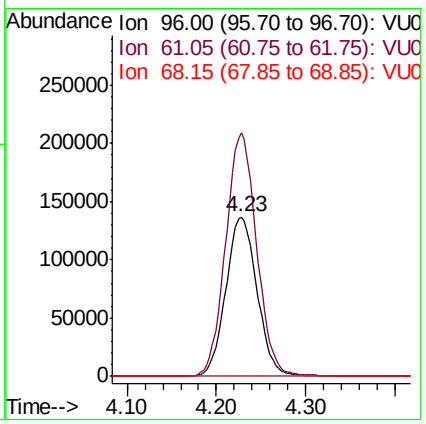


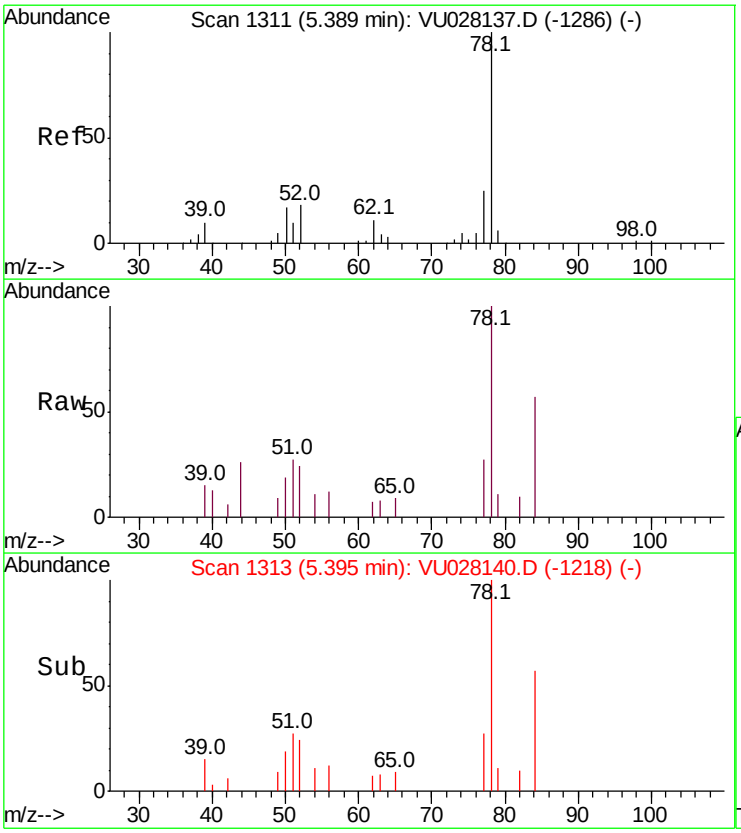
#22
cis-1,2-Dichloroethene
Concen: 32.607 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 331150

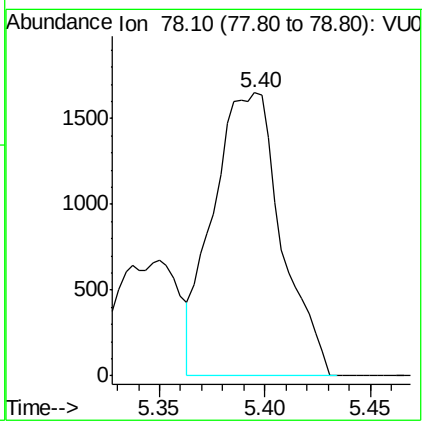
Ion	Ratio	Lower	Upper
96	100		
61	152.6	101.8	189.0
68	0.0	0.0	0.0

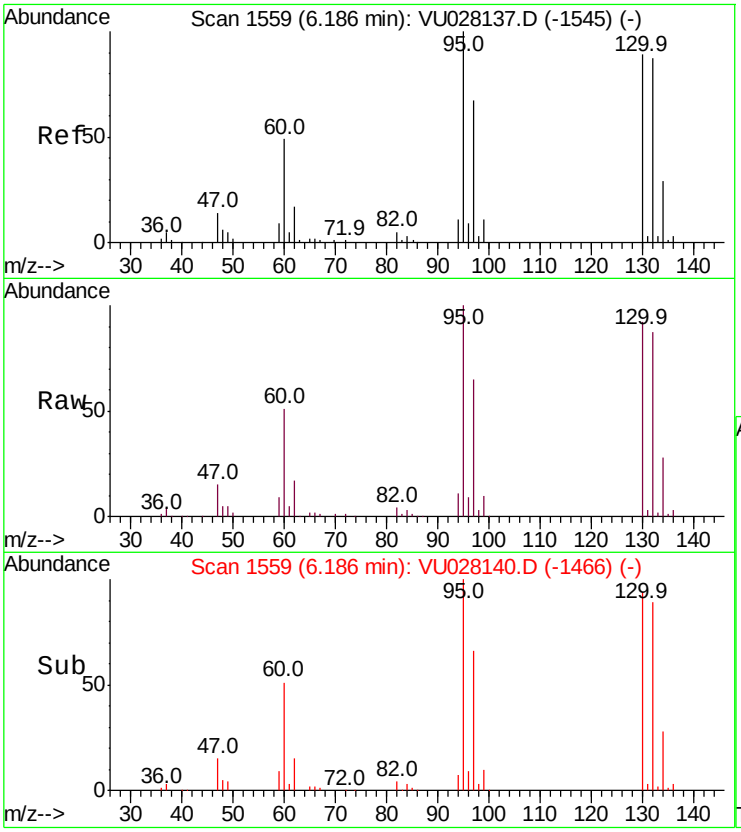




#33
Benzene
Concen: 0.088 ug/L
RT: 5.40 min Scan# 1313
Delta R.T. 0.01 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Tgt Ion: 78 Resp: 3708



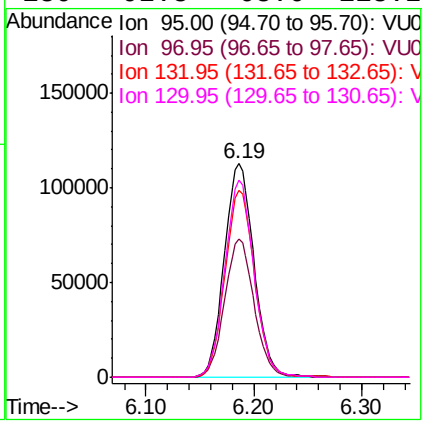


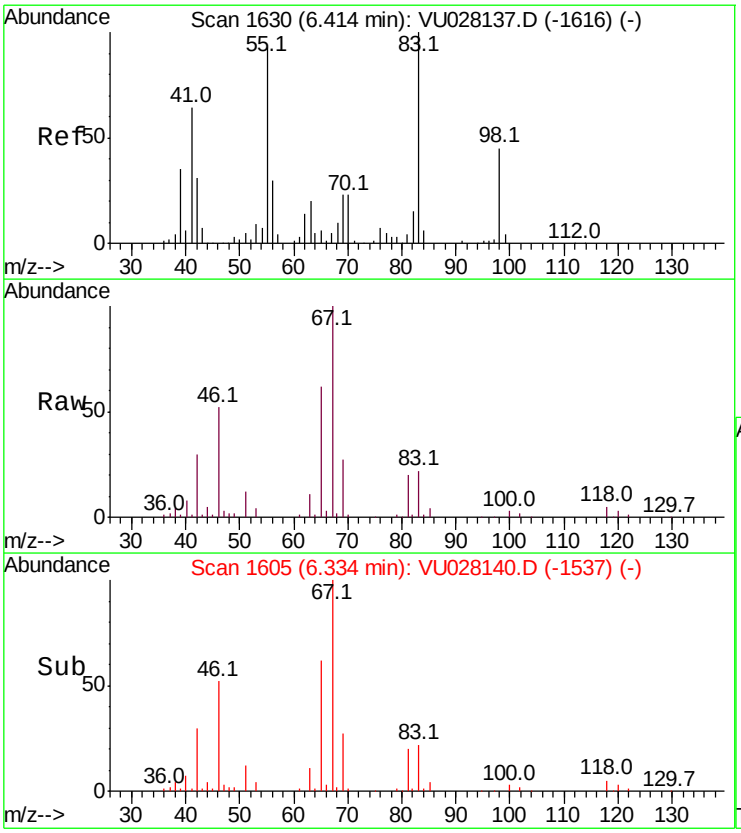
#34
Trichloroethene
Concen: 20.916 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 217155

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.3	84.1
132	87.5	63.0	117.0
130	92.3	63.6	118.2

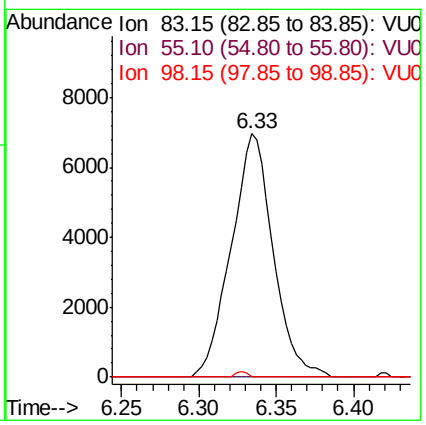


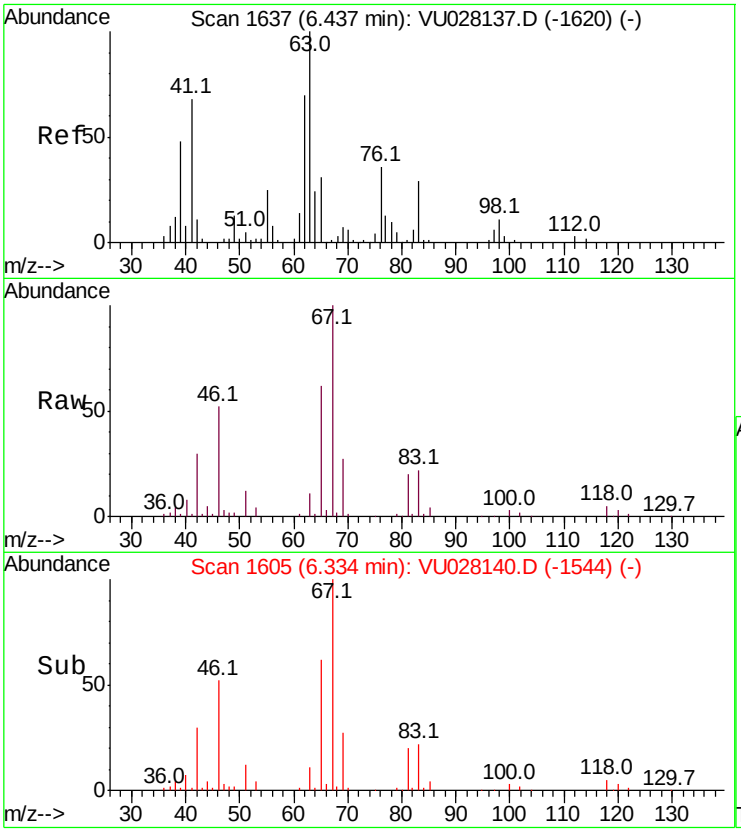


#35
Methylcyclohexane
Concen: 0.736 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Tgt Ion: 83 Resp: 13140

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



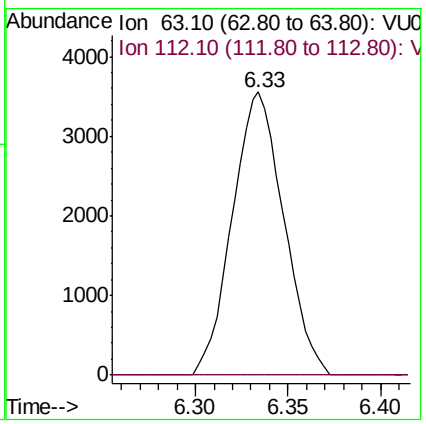


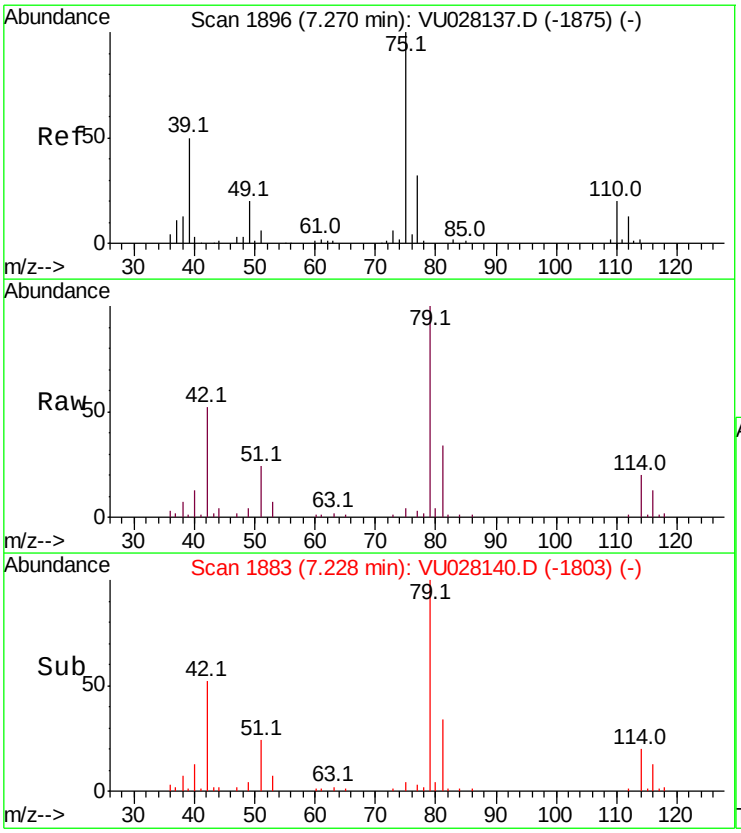
#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6837

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.4#

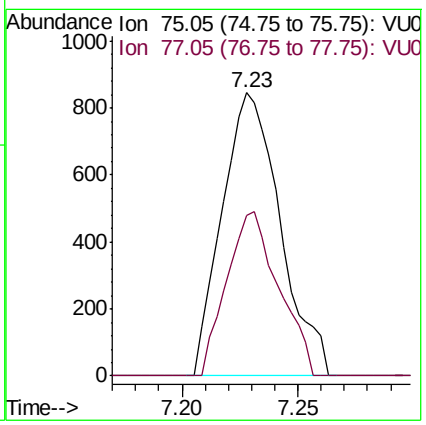


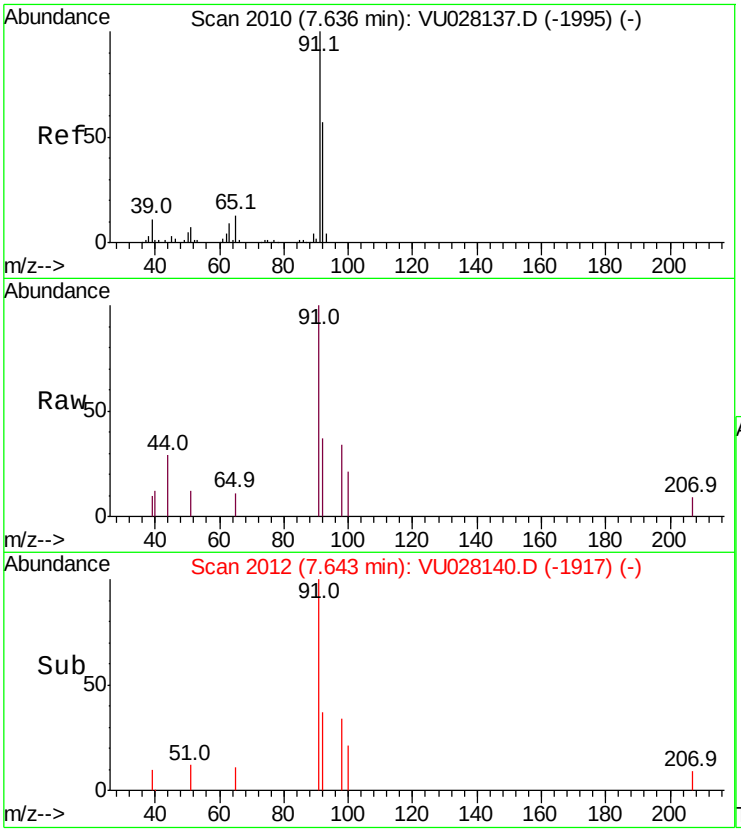


#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Tgt Ion: 75 Resp: 1473

Ion	Ratio	Lower	Upper
75	100		
77	56.6	20.9	38.9#



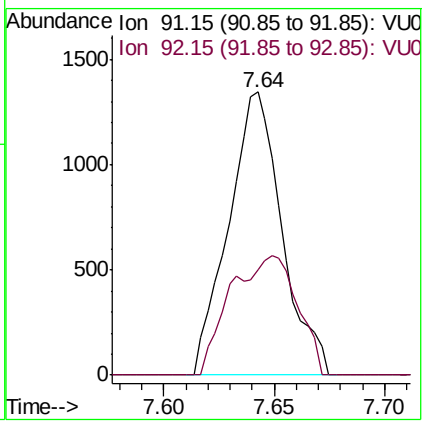


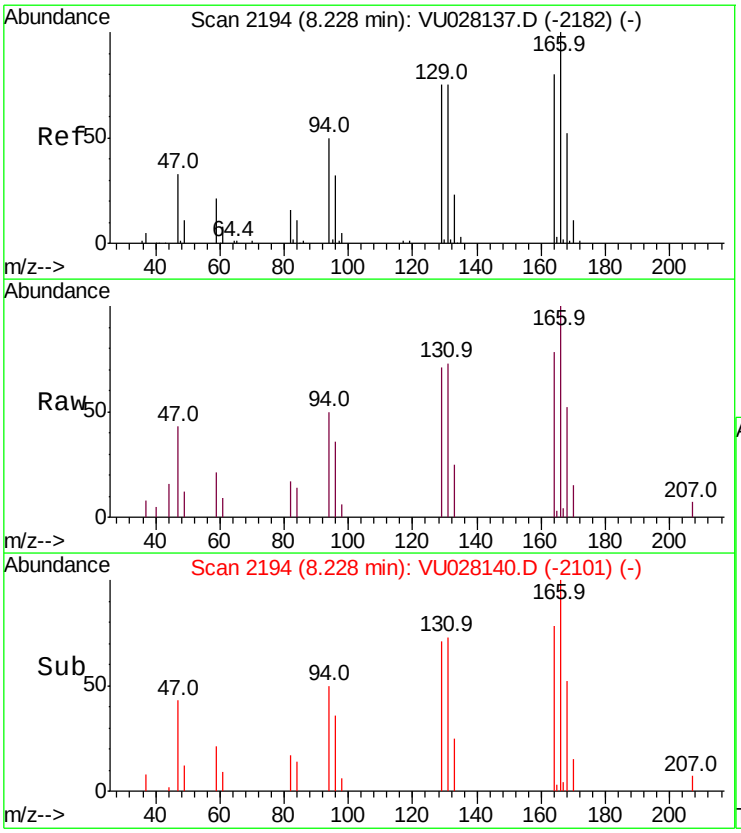
#42
Toluene
Concen: 0.052 ug/L
RT: 7.64 min Scan# 2012
Delta R.T. 0.01 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 2263

Ion	Ratio	Lower	Upper
91	100		
92	37.4	40.7	75.7#

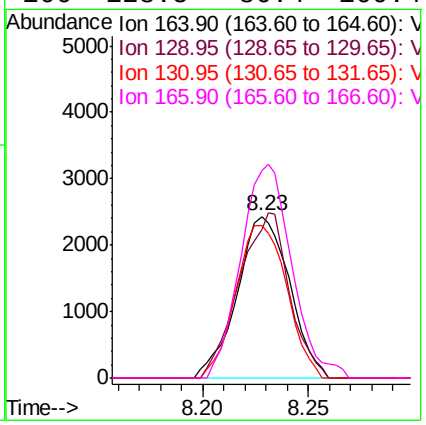


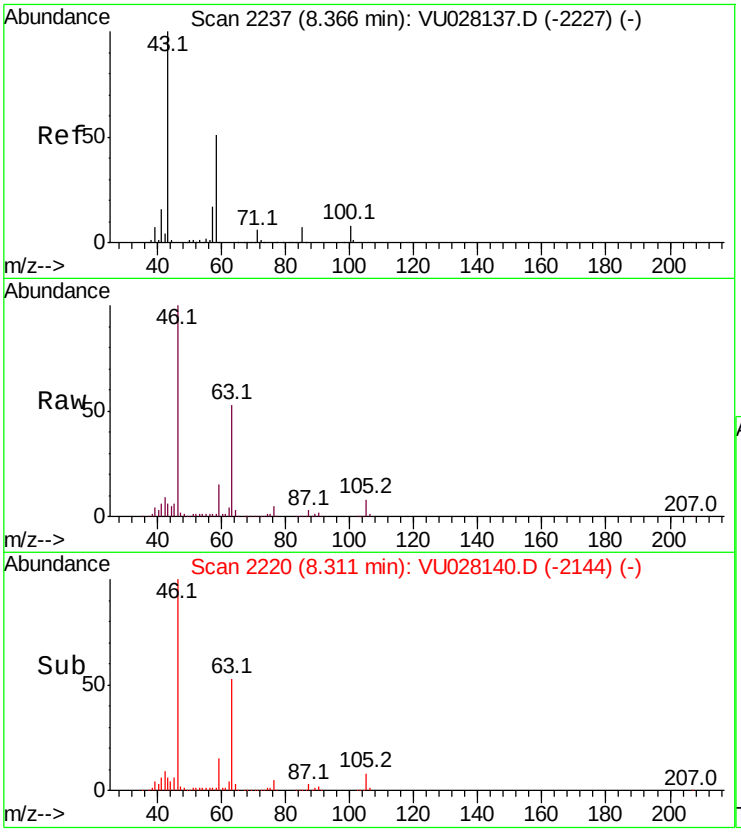


#47
Tetrachloroethene
Concen: 0.498 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Tgt Ion:164 Resp: 4203

Ion	Ratio	Lower	Upper
164	100		
129	91.5	69.7	129.4
131	94.3	64.0	118.8
166	128.5	86.4	160.4



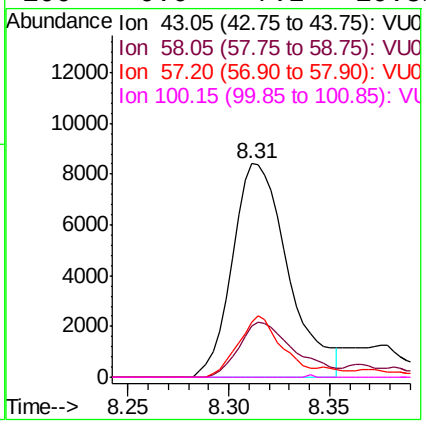


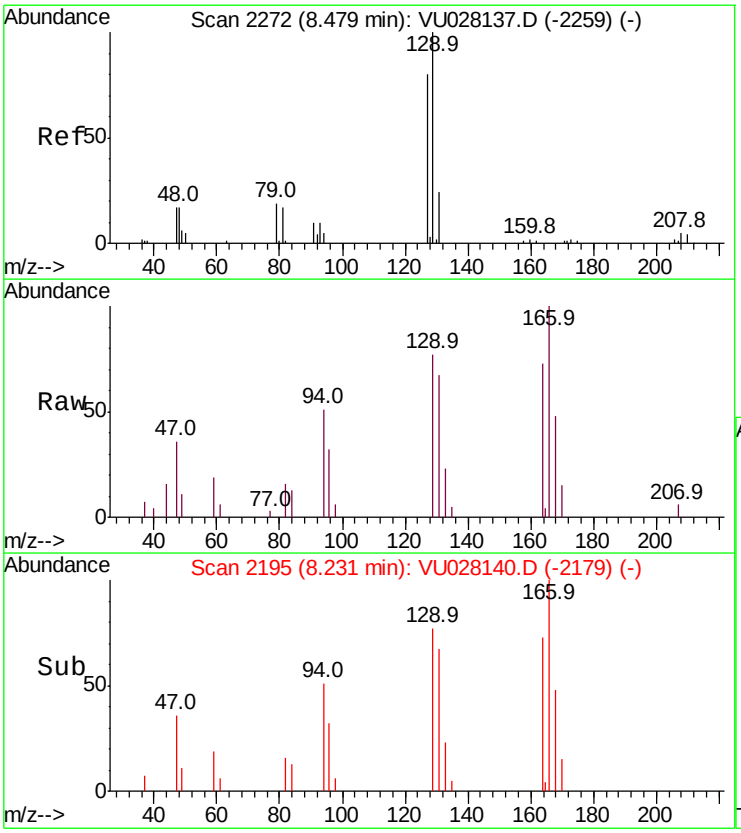
#48
2-Hexanone
Concen: 2.863 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 16296

Ion	Ratio	Lower	Upper
43	100		
58	25.7	41.7	62.5#
57	24.7	14.0	21.0#
100	0.0	7.2	10.8#

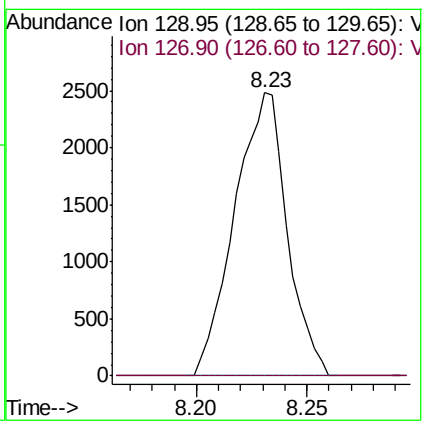


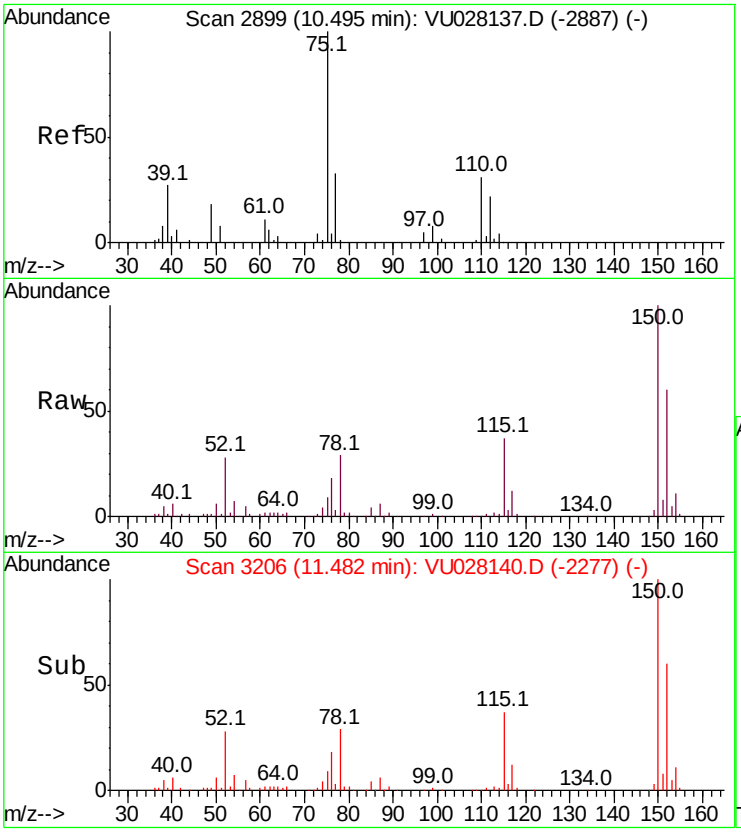


#49
Dibromochloromethane
Concen: 0.550 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. -0.25 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Tgt Ion:129 Resp: 4110

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#59
1,2,3-Trichloropropane
Concen: 1.294 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028140.D
Acq: 14 Nov 2018 23:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 8440

Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.4	38.0