Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028143.D
Acq On : 15 Nov 2018 00:55
Operator : MD/SY
Sample : J5943-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH4

Quant Time: Nov 15 06:18:15 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	133454	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	125505	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	58679	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	49947	4.51	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.20%			
7) Chloroethane-d5	1.68	69	40507	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	2.28	63	70670	3.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.40%			
20) 2-Butanone-d5	4.20	46	177212	55.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.34%			
24) Chloroform-d	4.65	84	85910	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.31	65	49244	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
32) Benzene-d6	5.34	84	176788	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	6.33	67	65302	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.57	98	156562	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
43) trans-1,3-Dichloropropene-	7.85	79	19750	4.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.00%			
46) 2-Hexanone-d5	8.31	63	139279	53.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.08%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	47815	5.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	55323	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
3) Chloromethane	1.39	50	2839	0.189	ug/L #	75
5) Vinyl chloride	1.40	62	100780	7.050	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	399	0.046	ug/L #	31
12) 1,1-Dichloroethene	2.28	96	1274	0.144	ug/L #	1
13) Acetone	2.32	43	1800	0.832	ug/L	83
15) Methyl Acetate	2.64	43	968	0.167	ug/L #	58
18) trans-1,2-Dichloroethene	2.98	96	16728	1.773	ug/L	98
19) 1,1-Dichloroethane	3.45	63	2642	0.133	ug/L #	86
22) cis-1,2-Dichloroethene	4.23	96	58262	5.601	ug/L	98
33) Benzene	5.39	78	2235	0.053	ug/L	100
34) Trichloroethene	6.19	95	3106	0.297	ug/L	92
37) 1,2-Dichloropropane	6.33	63	6665	0.570	ug/L #	93
39) cis-1,3-Dichloropropene	7.22	75	1328	0.084	ug/L #	70
42) Toluene	7.64	91	2379	0.055	ug/L	97
45) 1,1,2-Trichloroethane	8.05	97	817	0.116	ug/L #	14
47) Tetrachloroethene	8.23	164	778	0.092	ug/L #	78
48) 2-Hexanone	8.31	43	16533	2.886	ug/L #	66

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028143.D
Acq On : 15 Nov 2018 00:55
Operator : MD/SY
Sample : J5943-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FH4

Quant Time: Nov 15 06:18:15 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	755	0.100 ug/L #	11
52) Ethylbenzene	9.26	91	1972	0.041 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	8624	1.313 ug/L	94

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028143.D
Acq On : 15 Nov 2018 00:55
Operator : MD/SY
Sample : J5943-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_U
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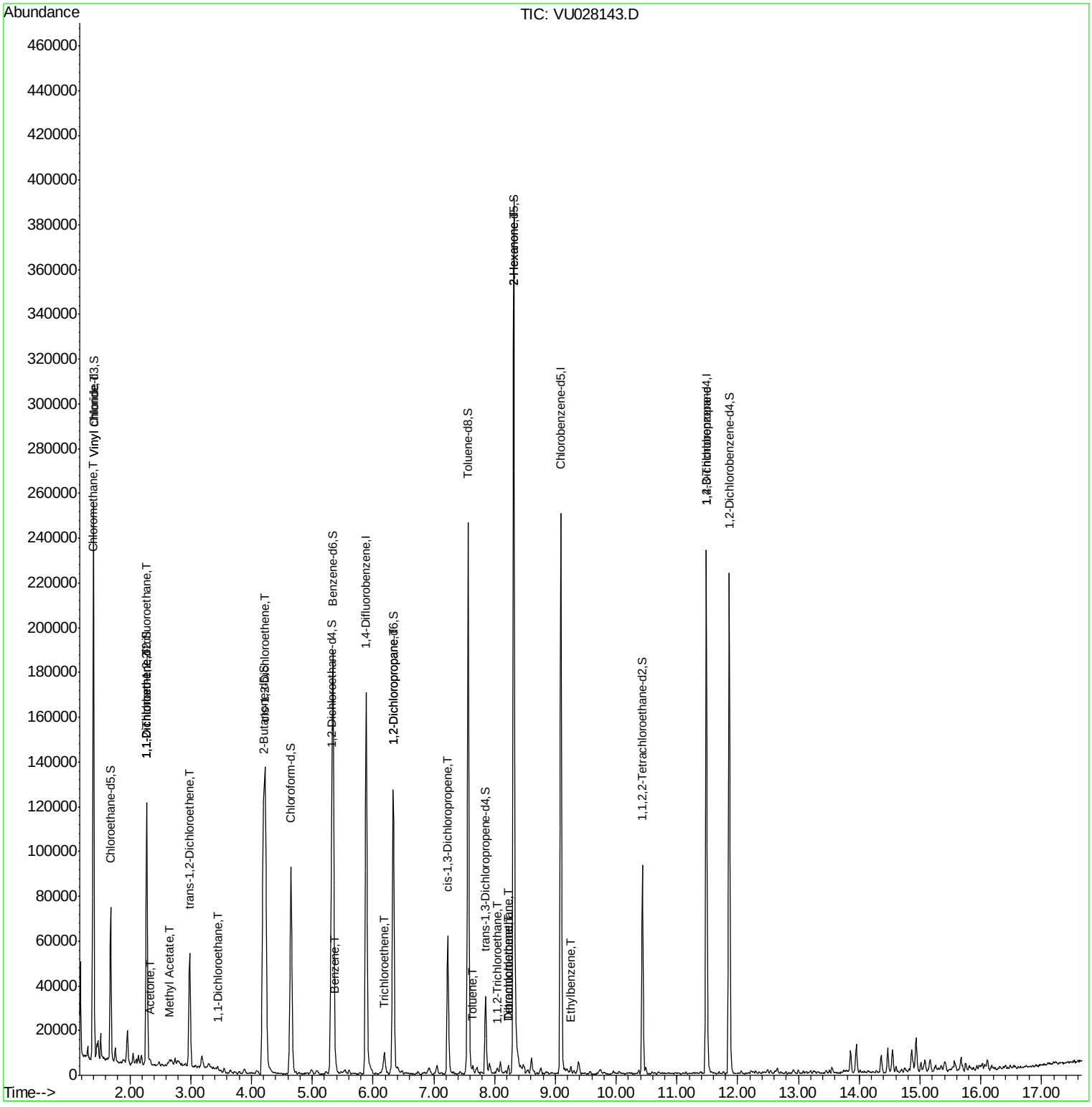
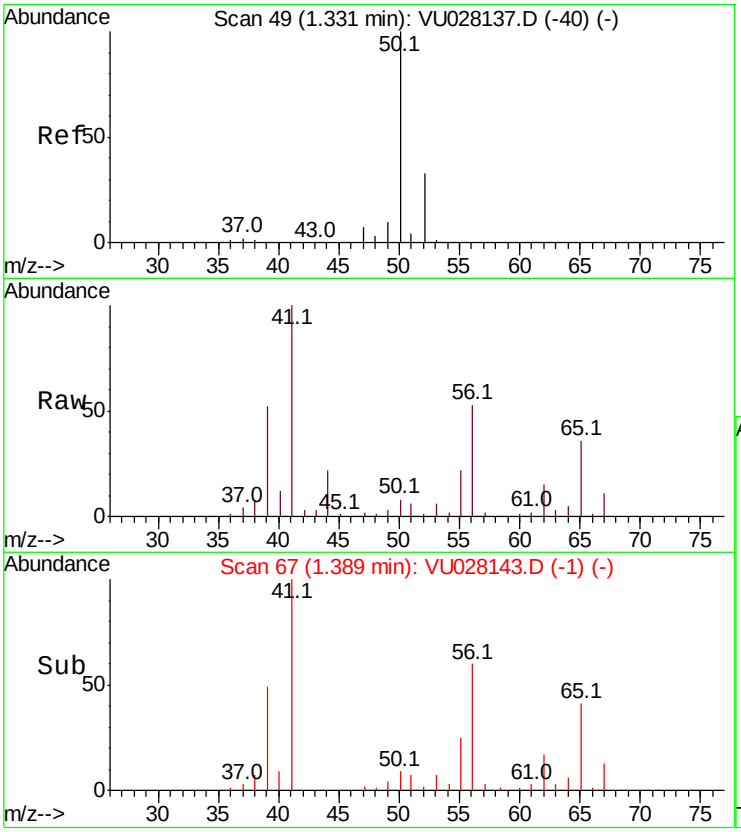
Quant Time: Nov 15 06:18:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 15 06:14:20 2018
Response via : Initial Calibration



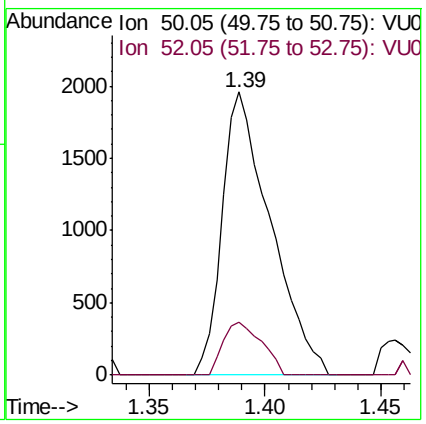


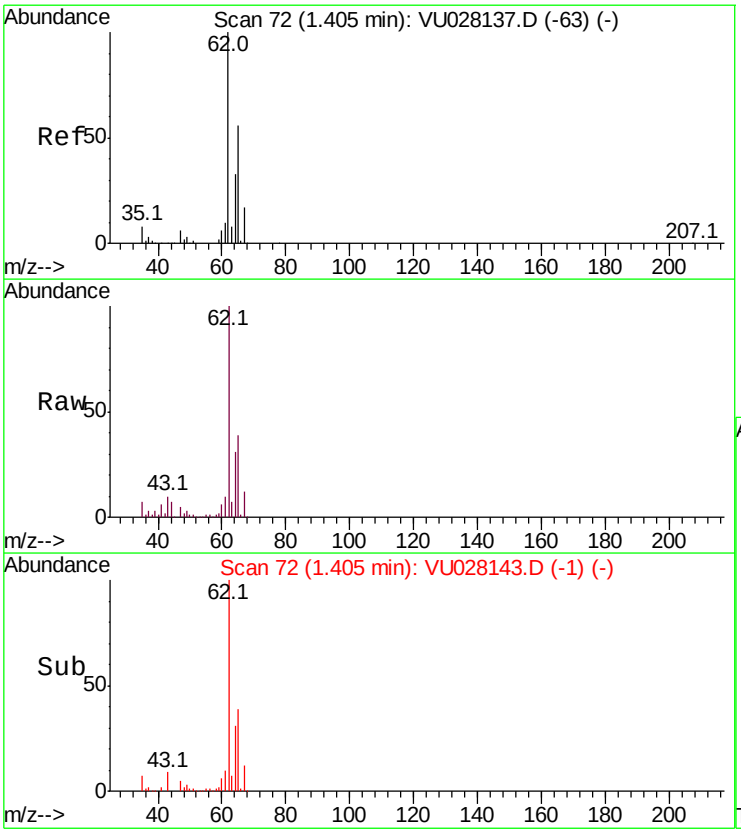
#3
Chloromethane
Concen: 0.189 ug/L
RT: 1.39 min Scan# 67
Delta R.T. 0.06 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Instrument : MSVOA_U
ClientSampleId : H0FH4

Tgt Ion: 50 Resp: 2839

Ion	Ratio	Lower	Upper
50	100		
52	18.5	23.0	42.6#

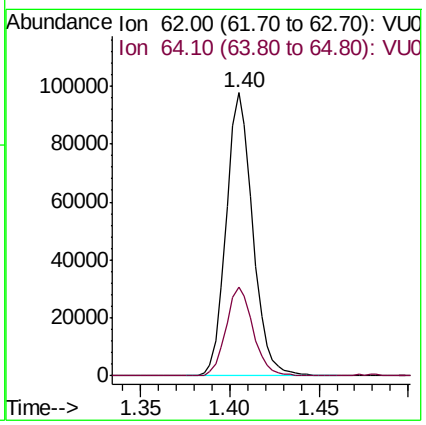


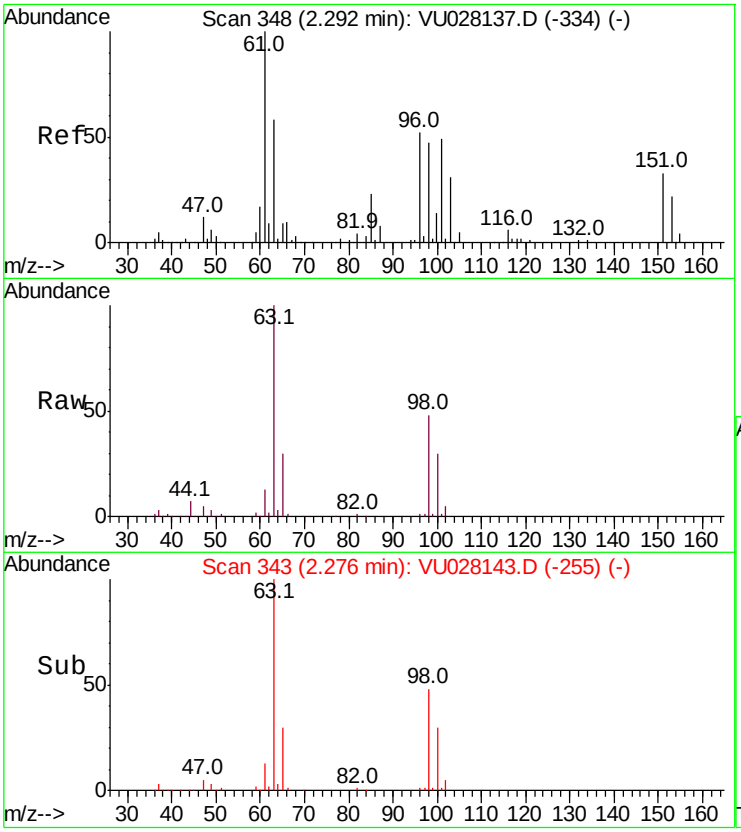


#5
Vinyl chloride
Concen: 7.050 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Tgt Ion: 62 Resp: 100780

Ion	Ratio	Lower	Upper
62	100		
64	31.4	22.7	42.3



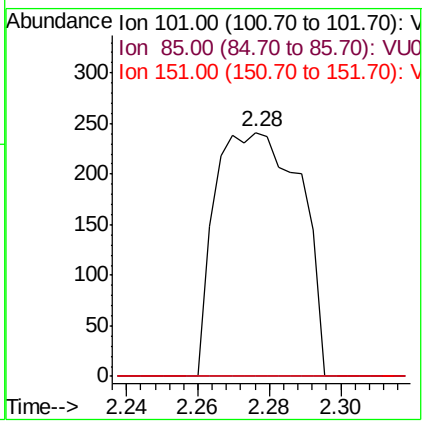


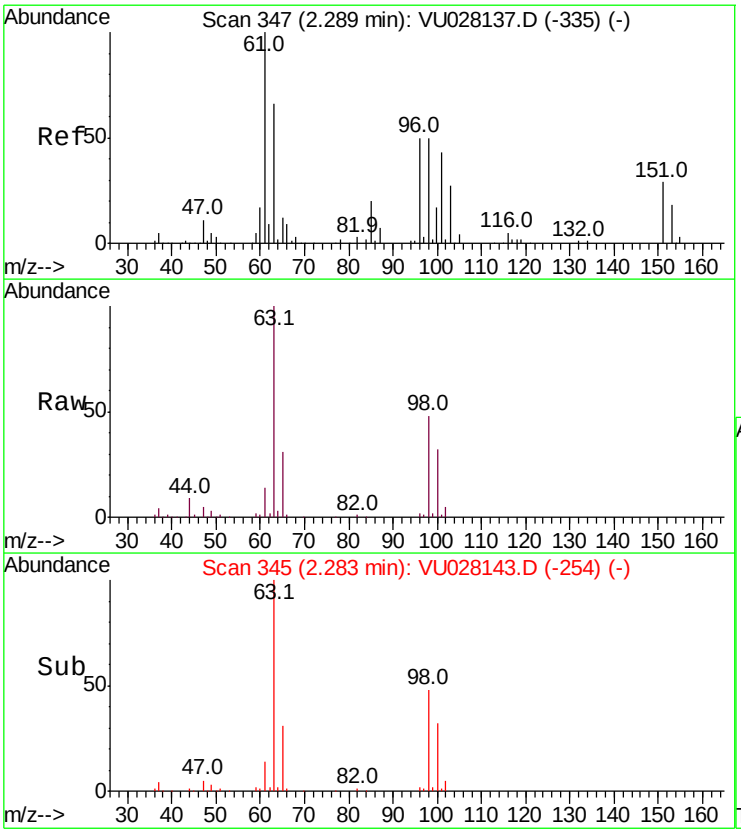
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.046 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.02 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Instrument : MSVOA_U
ClientSampleId : H0FH4

Tgt Ion:101 Resp: 399

Ion	Ratio	Lower	Upper
101	100		
85	18.8	37.6	56.4#
151	0.0	58.2	87.2#

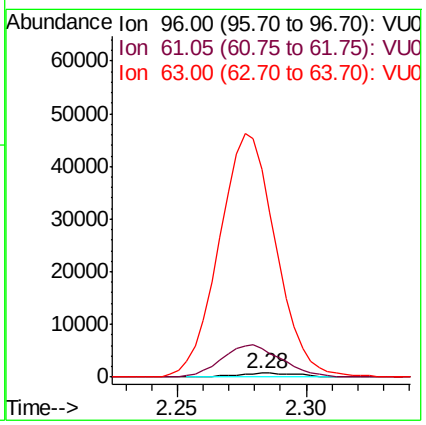


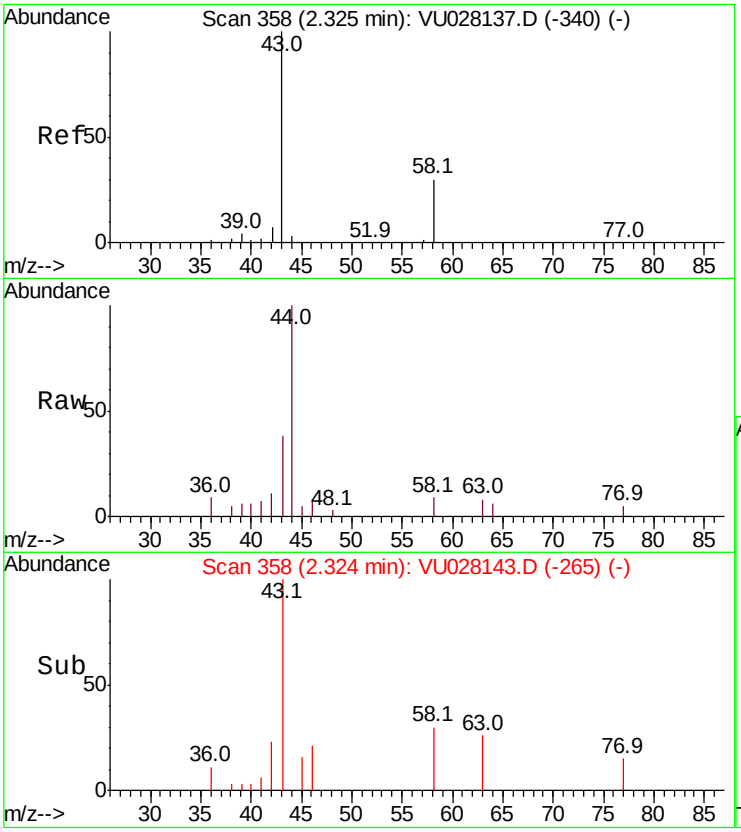


#12
1,1-Dichloroethene
Concen: 0.144 ug/L
RT: 2.28 min Scan# 345
Delta R.T. -0.01 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Tgt Ion: 96 Resp: 1274

Ion	Ratio	Lower	Upper
96	100		
61	690.3	134.8	250.3#
63	5047.9	100.1	185.9#



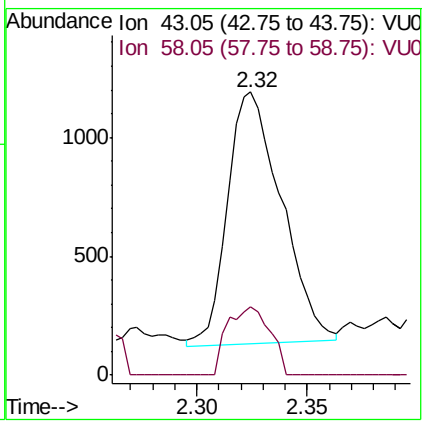


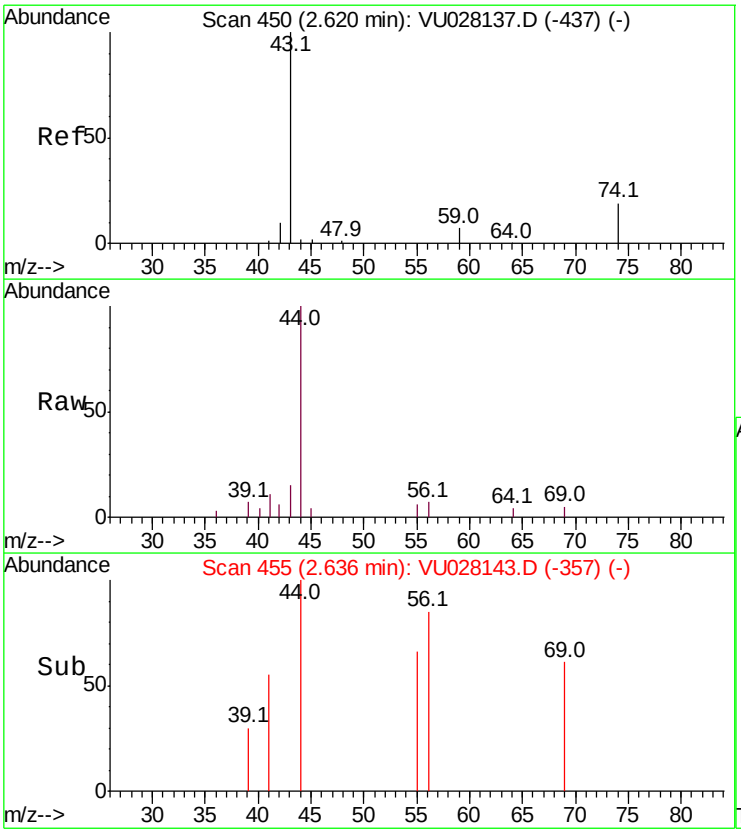
#13
Acetone
Concen: 0.832 ug/L
RT: 2.32 min Scan# 358
Delta R.T. -0.00 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Instrument : MSVOA_U
ClientSampleId : H0FH4

Tgt Ion: 43 Resp: 1800

Ion	Ratio	Lower	Upper
43	100		
58	21.4	0.0	61.6

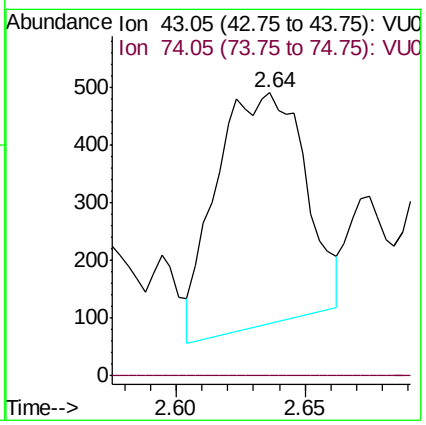


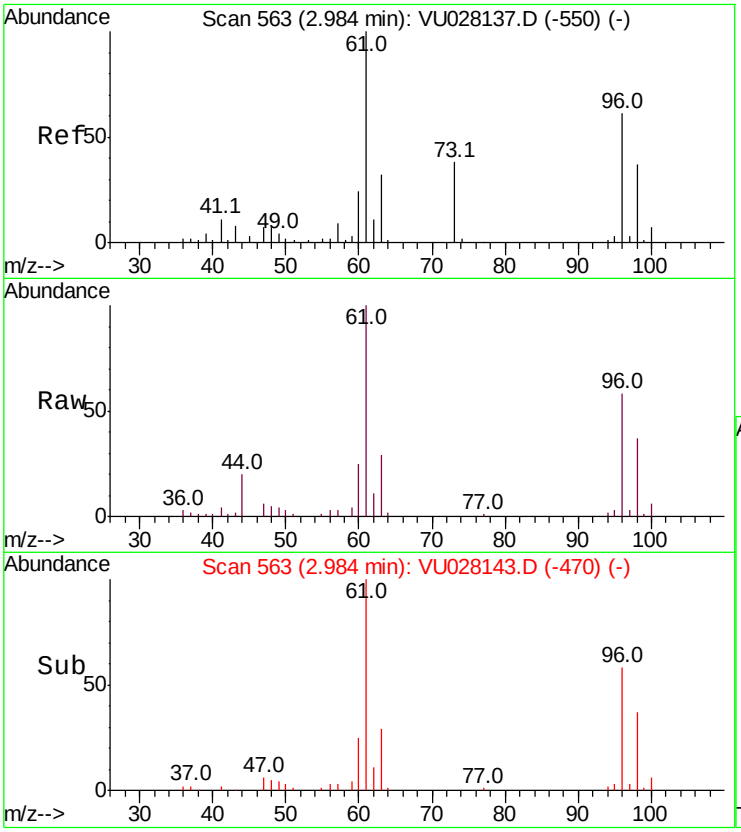


#15
Methyl Acetate
Concen: 0.167 ug/L
RT: 2.64 min Scan# 455
Delta R.T. 0.02 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Tgt Ion: 43 Resp: 968

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.9	22.3#



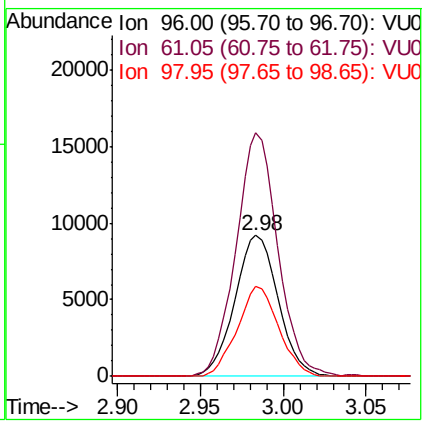


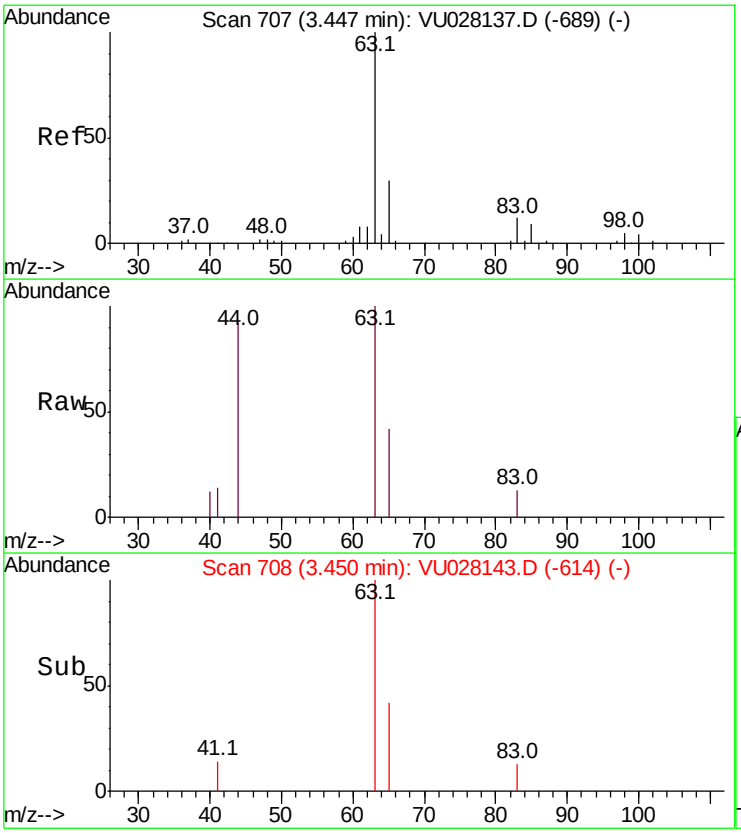
#18
trans-1,2-Dichloroethene
Concen: 1.773 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Instrument : MSVOA_U
ClientSampleId : H0FH4

Tgt Ion: 96 Resp: 16728

Ion	Ratio	Lower	Upper
96	100		
61	172.8	118.5	220.1
98	63.7	44.9	83.5

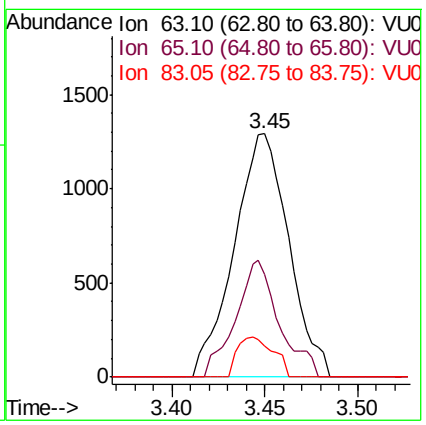


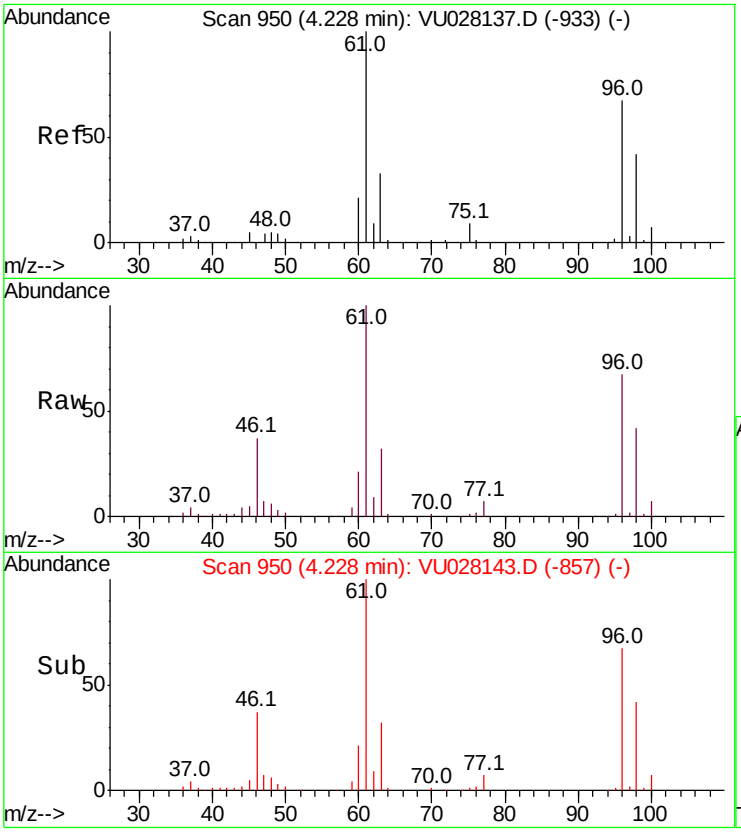


#19
1,1-Dichloroethane
Concen: 0.133 ug/L
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Tgt Ion: 63 Resp: 2642

Ion	Ratio	Lower	Upper
63	100		
65	42.3	22.2	41.2#
83	12.6	8.9	16.5



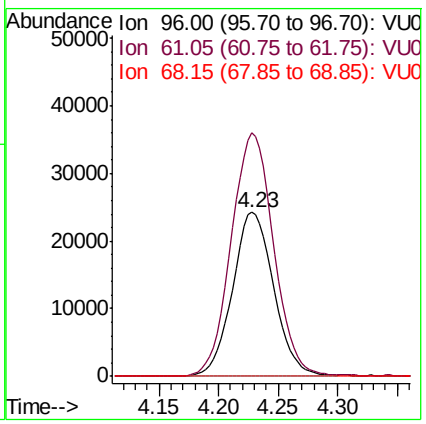


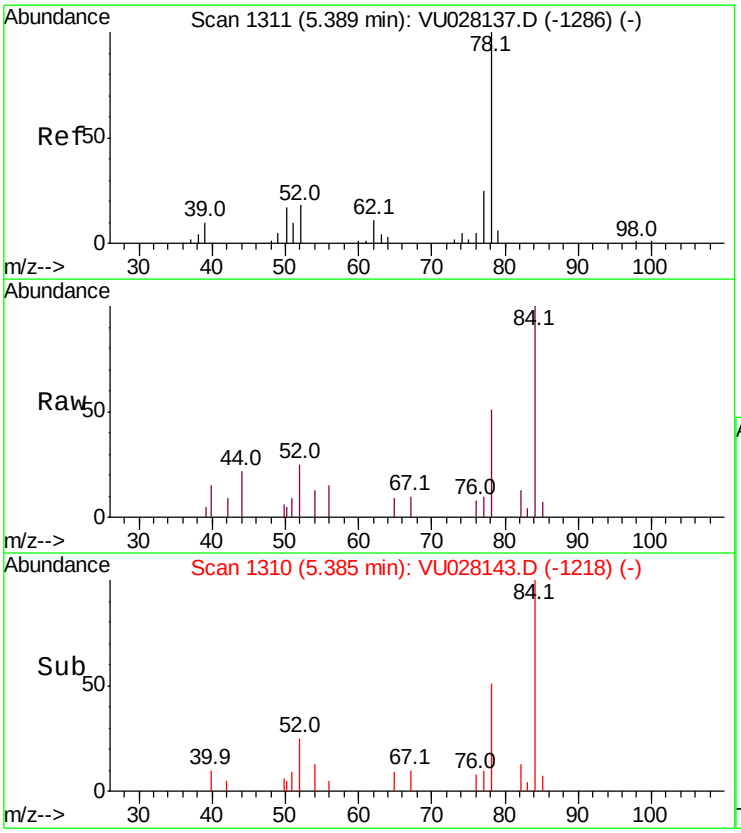
#22
cis-1,2-Dichloroethene
Concen: 5.601 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Instrument :
MSVOA_U
ClientSampleId :
H0FH4

Tgt Ion: 96 Resp: 58262

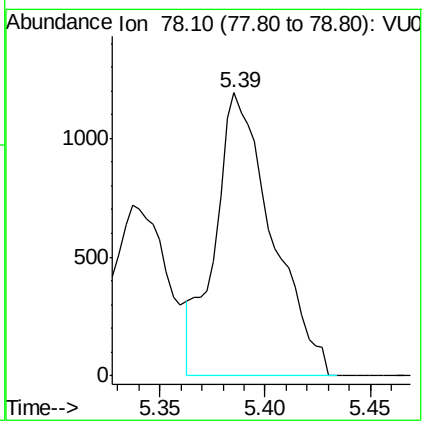
Ion	Ratio	Lower	Upper
96	100		
61	148.4	101.8	189.0
68	0.0	0.0	0.0

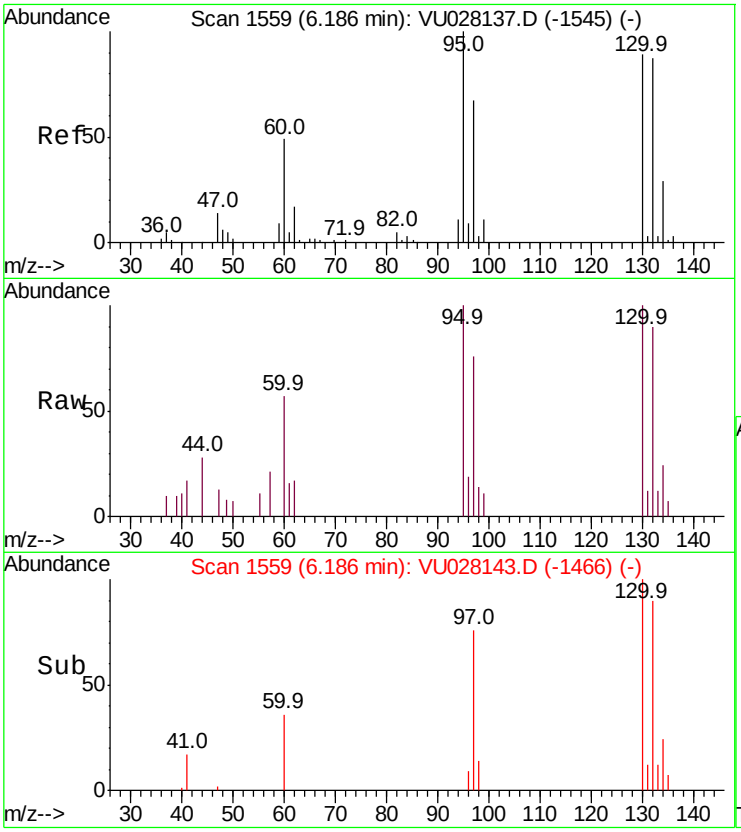




#33
Benzene
Concen: 0.053 ug/L
RT: 5.39 min Scan# 1310
Delta R.T. -0.00 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Tgt Ion: 78 Resp: 2235



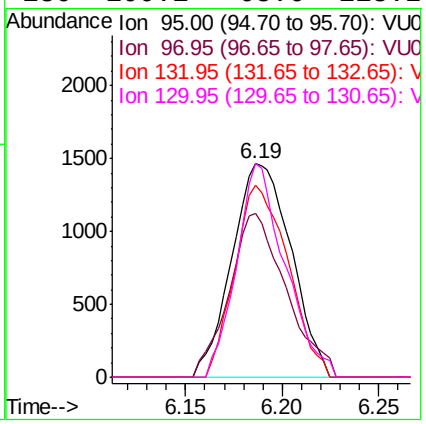


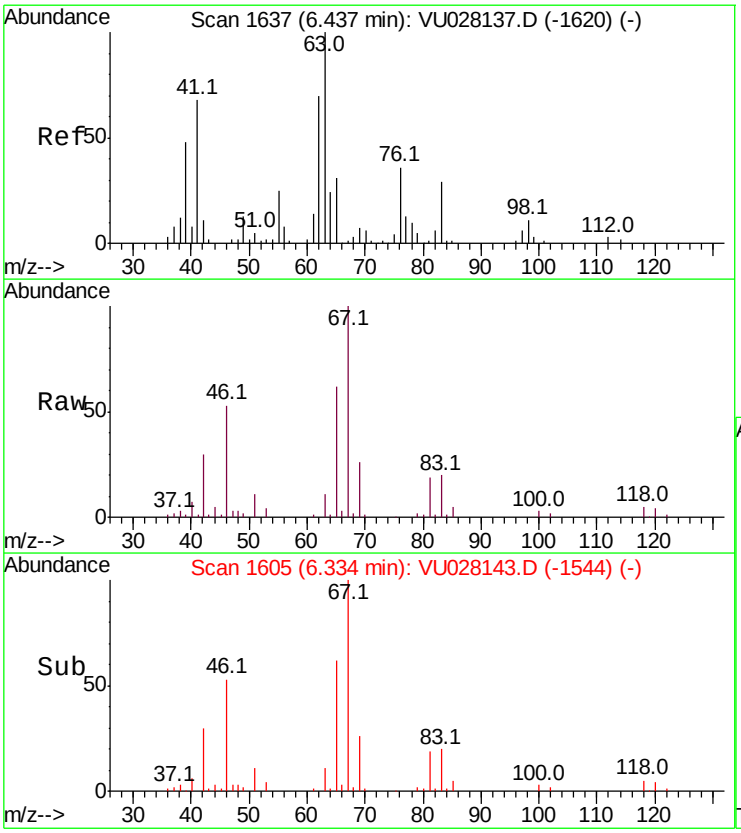
#34
Trichloroethene
Concen: 0.297 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Instrument : MSVOA_U
ClientSampleId : H0FH4

Tgt Ion: 95 Resp: 3106

Ion	Ratio	Lower	Upper
95	100		
97	76.6	45.3	84.1
132	90.3	63.0	117.0
130	100.1	63.6	118.2

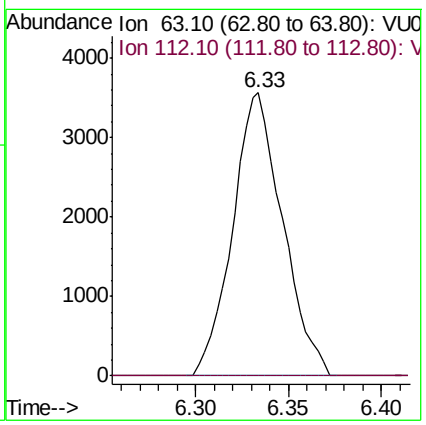


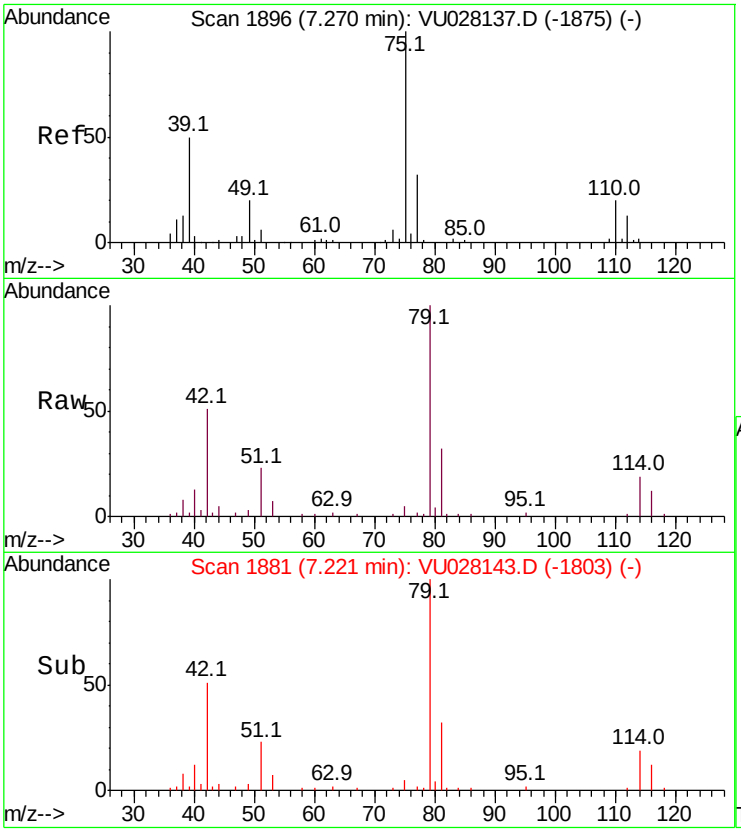


#37
1,2-Dichloropropane
Concen: 0.570 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Tgt Ion: 63 Resp: 6665

Ion	Ratio	Lower	Upper
63	100		
112	0.3	2.2	3.4#



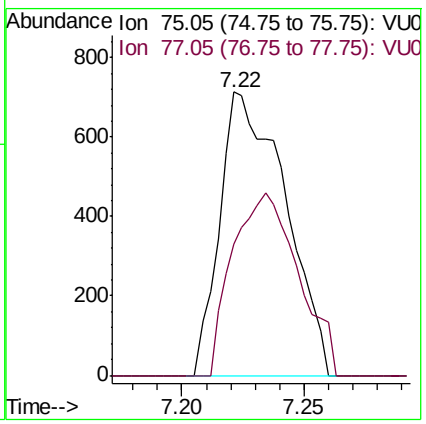


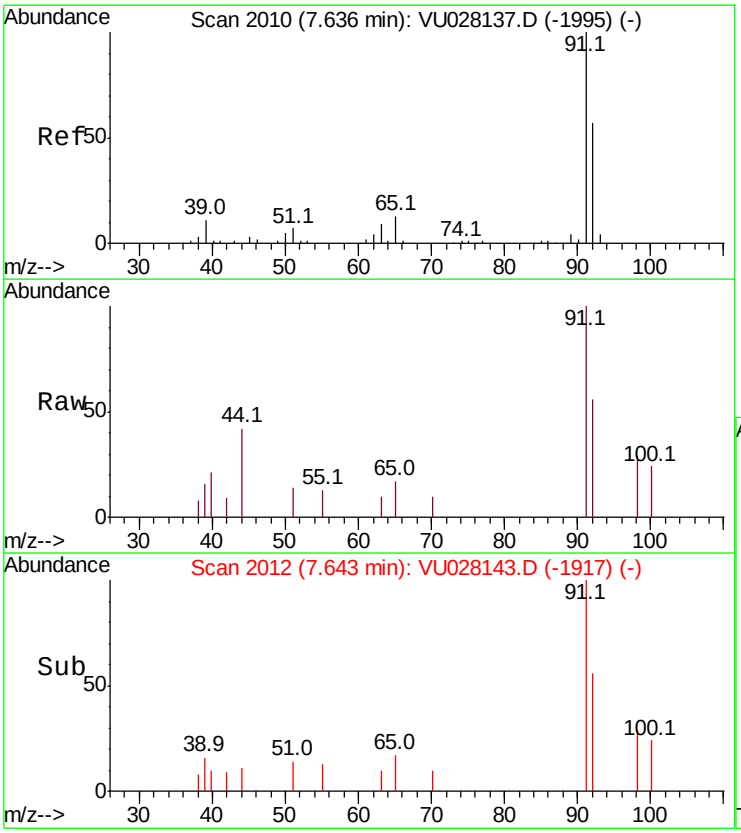
#39
cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.22 min Scan# 1881
Delta R.T. -0.05 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Instrument : MSVOA_U
ClientSampleId : H0FH4

Tgt Ion: 75 Resp: 1328

Ion	Ratio	Lower	Upper
75	100		
77	46.3	20.9	38.9#

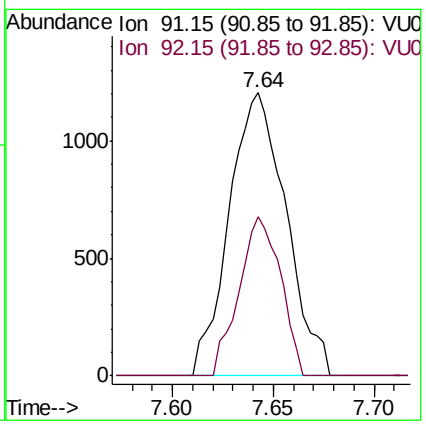


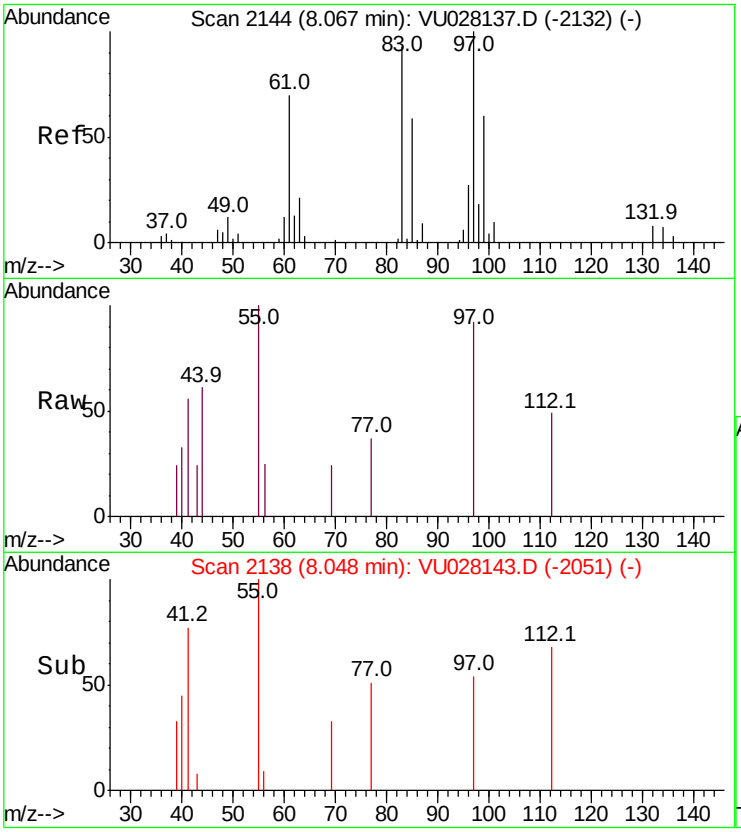


#42
Toluene
Concen: 0.055 ug/L
RT: 7.64 min Scan# 2012
Delta R.T. 0.01 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Tgt Ion: 91 Resp: 2379

Ion	Ratio	Lower	Upper
91	100		
92	56.2	40.7	75.7



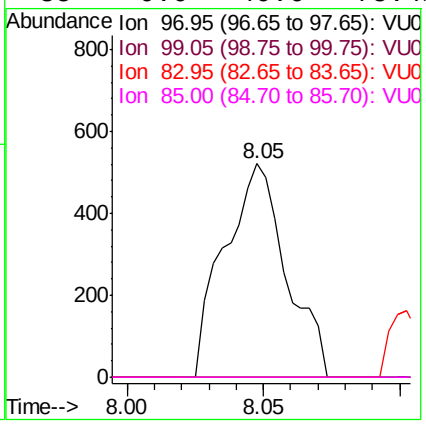


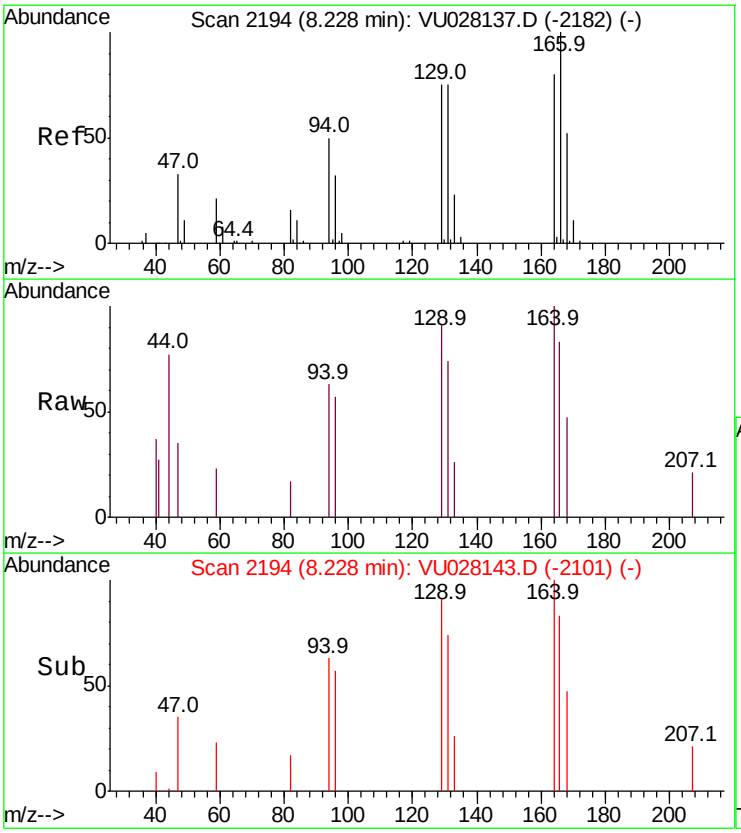
#45
1,1,2-Trichloroethane
Concen: 0.116 ug/L
RT: 8.05 min Scan# 2138
Delta R.T. -0.02 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Instrument : MSVOA_U
ClientSampleId : H0FH4

Tgt Ion: 97 Resp: 817

Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.1	78.1#
83	0.0	63.7	118.3#
85	0.0	40.6	75.4#

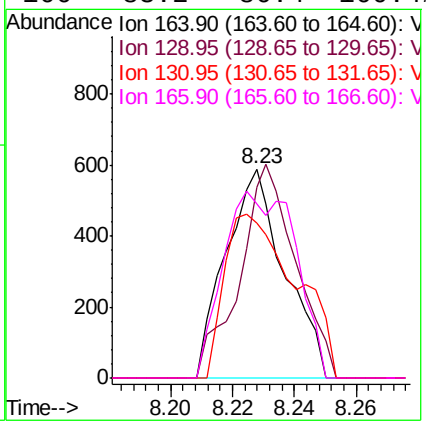


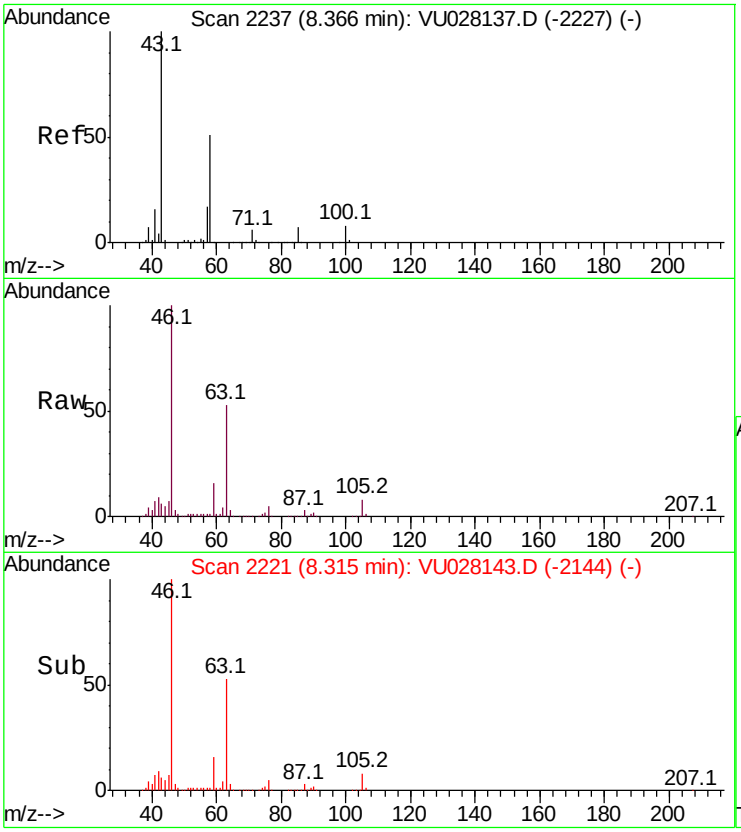


#47
Tetrachloroethene
Concen: 0.092 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Tgt Ion:164 Resp: 778

Ion	Ratio	Lower	Upper
164	100		
129	91.5	69.7	129.4
131	74.0	64.0	118.8
166	83.2	86.4	160.4#



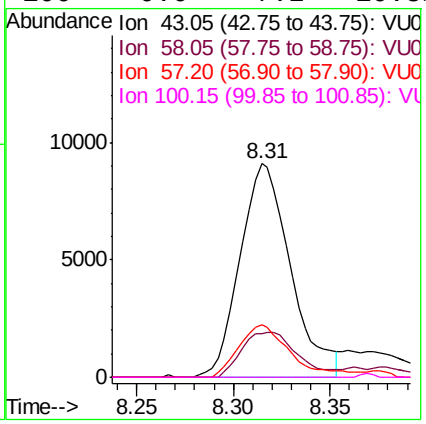


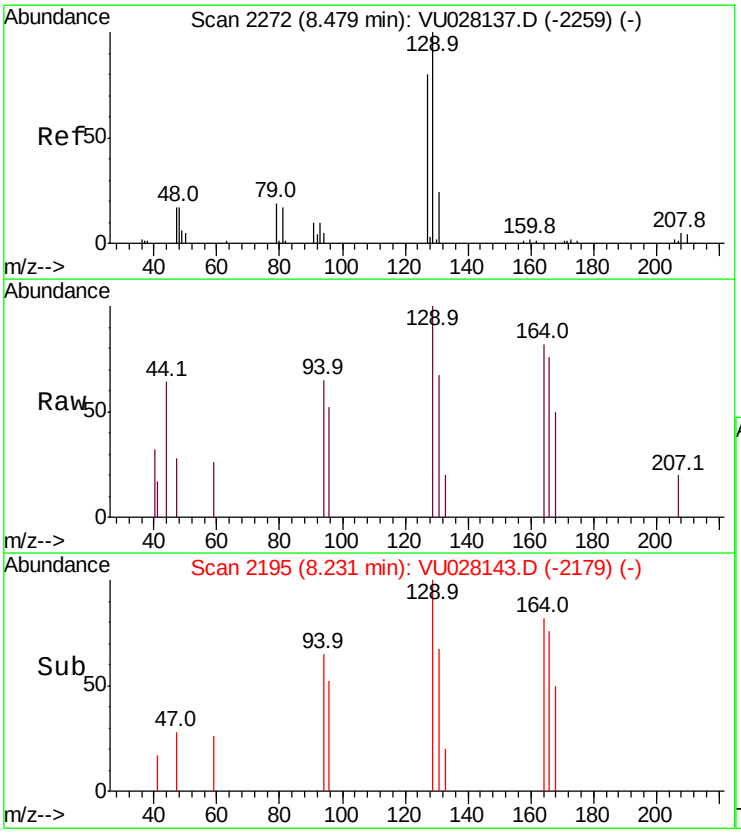
#48
2-Hexanone
Concen: 2.886 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Instrument : MSVOA_U
ClientSampleId : H0FH4

Tgt Ion: 43 Resp: 16533

Ion	Ratio	Lower	Upper
43	100		
58	23.1	41.7	62.5#
57	25.4	14.0	21.0#
100	0.0	7.2	10.8#

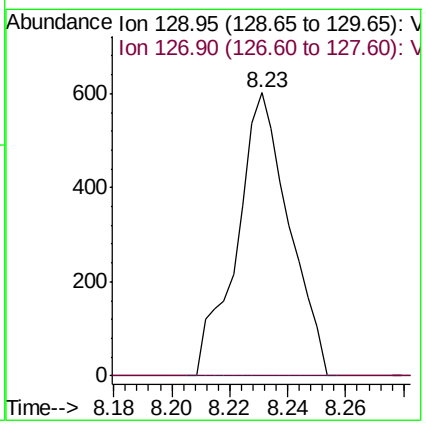


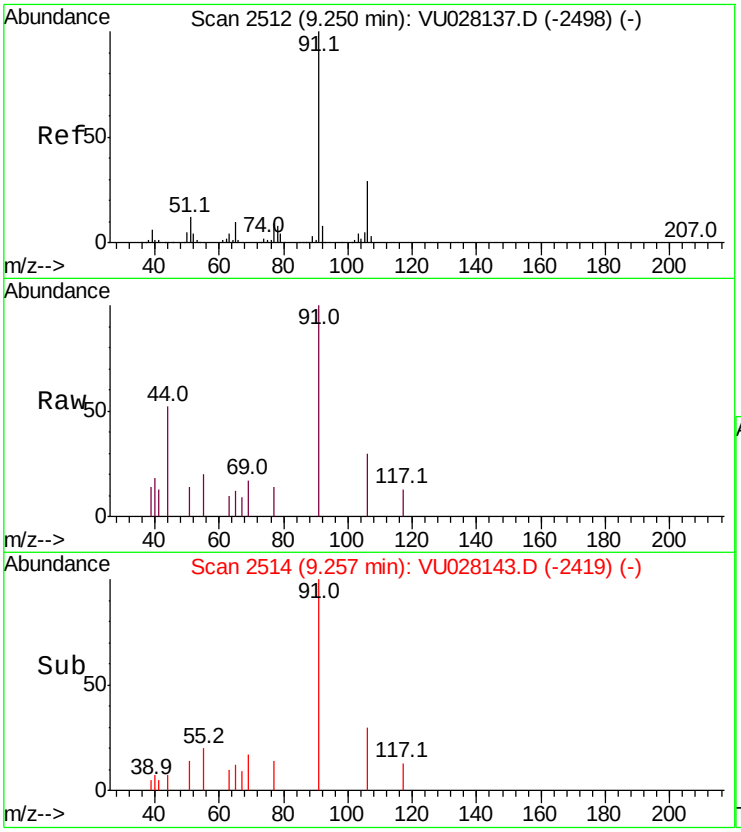


#49
Dibromochloromethane
Concen: 0.100 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. -0.25 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Tgt Ion:129 Resp: 755

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#



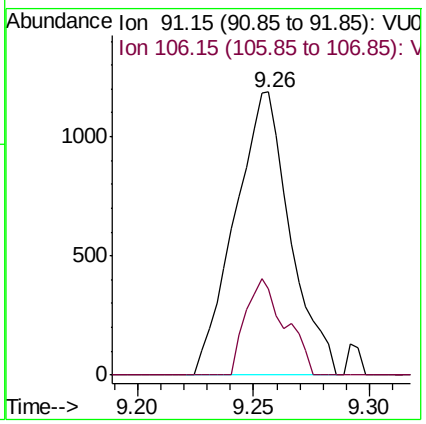


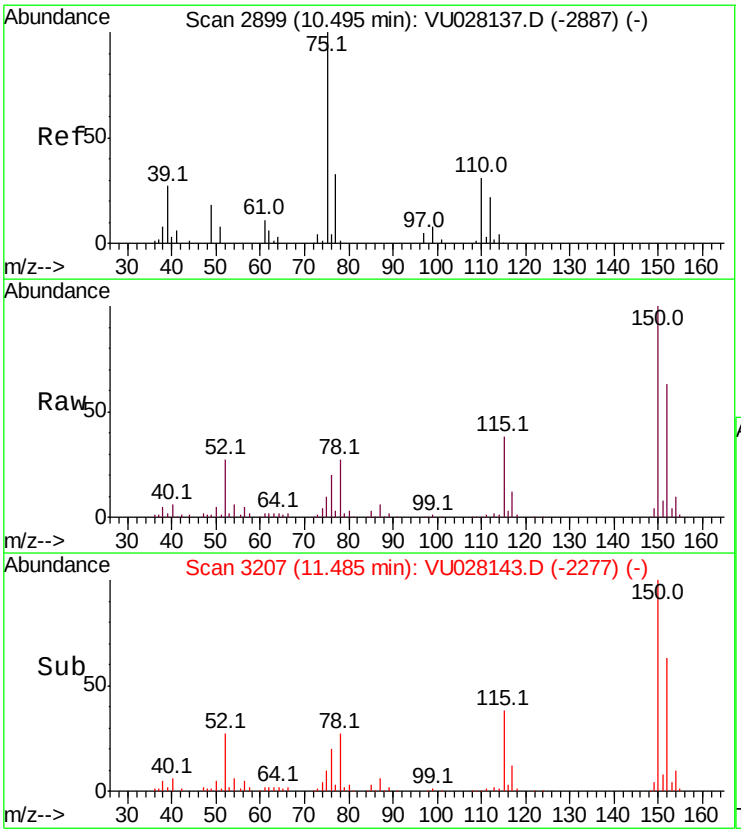
#52
Ethylbenzene
Concen: 0.041 ug/L
RT: 9.26 min Scan# 2514
Delta R.T. 0.01 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Instrument : MSVOA_U
ClientSampleId : H0FH4

Tgt Ion: 91 Resp: 1972

Ion	Ratio	Lower	Upper
91	100		
106	30.4	20.9	38.7





#59
1,2,3-Trichloropropane
Concen: 1.313 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028143.D
Acq: 15 Nov 2018 00:55

Tgt Ion: 75 Resp: 8624

Ion	Ratio	Lower	Upper
75	100		
77	35.1	25.4	38.0