Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 15 06:20:04 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	130717	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	123932	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	56502	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	46432	4.28	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.60%			
7) Chloroethane-d5	1.68	69	40196	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.40%			
11) 1,1-Dichloroethene-d2	2.28	63	69176	3.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.20%			
20) 2-Butanone-d5	4.20	46	83234	26.46	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 52.92%			
24) Chloroform-d	4.65	84	79720	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
26) 1,2-Dichloroethane-d4	5.31	65	48555	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
32) Benzene-d6	5.34	84	173786	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
36) 1,2-Dichloropropane-d6	6.33	67	65079	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.20%			
41) Toluene-d8	7.57	98	156478	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
43) trans-1,3-Dichloropropene-	7.85	79	15177	3.34	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 66.80%			
46) 2-Hexanone-d5	8.31	63	116910	45.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.18%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	44604	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	51659	4.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.41	62	24862	1.776	ug/L	98
8) Chloroethane	1.60	64	43185	5.123	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	512	0.060	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	649	0.075	ug/L #	1
13) Acetone	2.34	43	20028	9.452	ug/L	89
14) Carbon disulfide	2.64	76	2937626	100.798	ug/L	100
15) Methyl Acetate	2.63	43	4288	0.757	ug/L #	91
18) trans-1,2-Dichloroethene	2.98	96	3372	0.365	ug/L	92
19) 1,1-Dichloroethane	3.45	63	1051	0.054	ug/L #	78
22) cis-1,2-Dichloroethene	4.23	96	18427	1.809	ug/L	95
30) Cyclohexane	4.99	56	3209	0.163	ug/L	90
33) Benzene	5.39	78	9110	0.218	ug/L	100
34) Trichloroethene	6.19	95	1059	0.103	ug/L	88
37) 1,2-Dichloropropane	6.33	63	6610	0.573	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	887	0.057	ug/L #	22
42) Toluene	7.64	91	2588	0.060	ug/L	77
45) 1,1,2-Trichloroethane	8.04	97	2431	0.349	ug/L #	38

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 15 06:20:04 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)
48) 2-Hexanone	8.32	43	15063	2.663	ug/L	#	68
49) Dibromochloromethane	8.23	129	651	0.088	ug/L	#	11
52) Ethylbenzene	9.25	91	2732	0.058	ug/L		95
53) m,p-xylene	9.38	106	1083	0.063	ug/L		80
59) 1,2,3-Trichloropropane	11.48	75	8045	1.241	ug/L	#	72
66) 1,2-Dibromo-3-chloropropan	12.53	75	412	0.332	ug/L	#	3

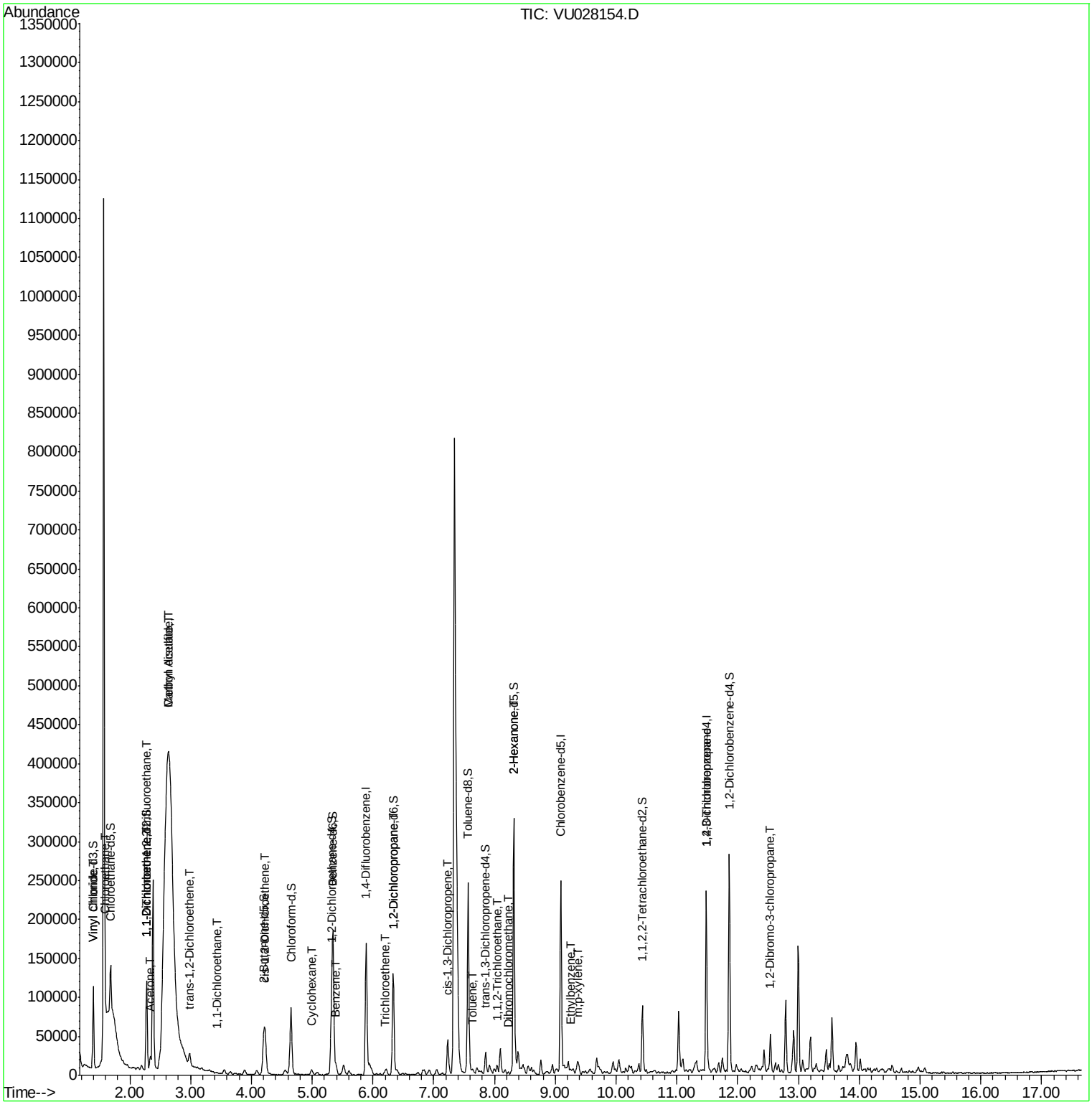
(#) = qualifier out of range (m) = manual integration (+) = signals summed

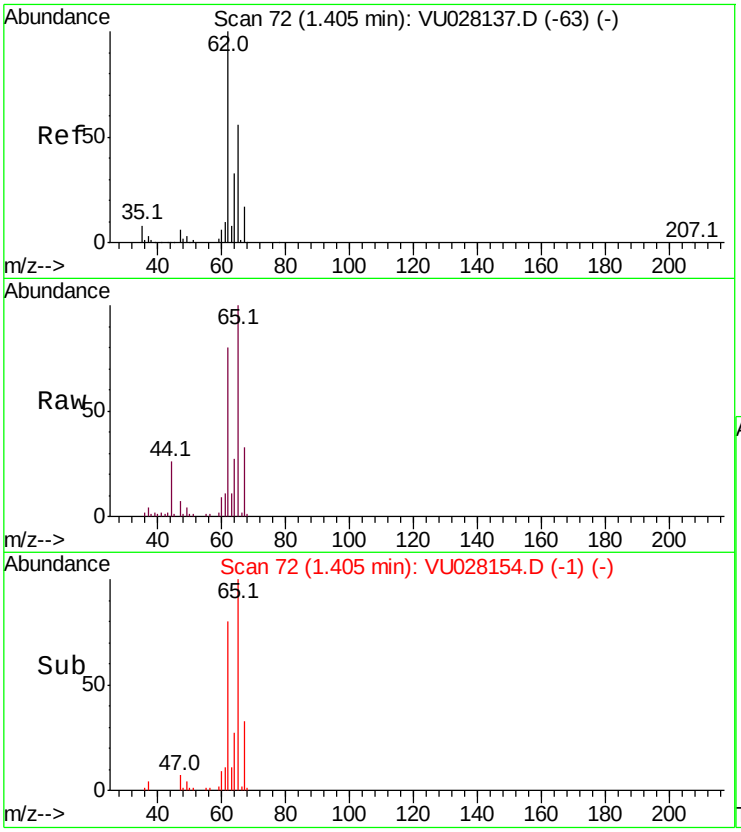
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028154.D
Acq On : 15 Nov 2018 05:16
Operator : MD/SY
Sample : J5943-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 15 06:20:04 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



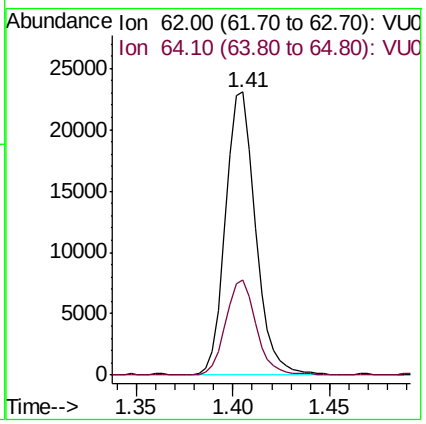


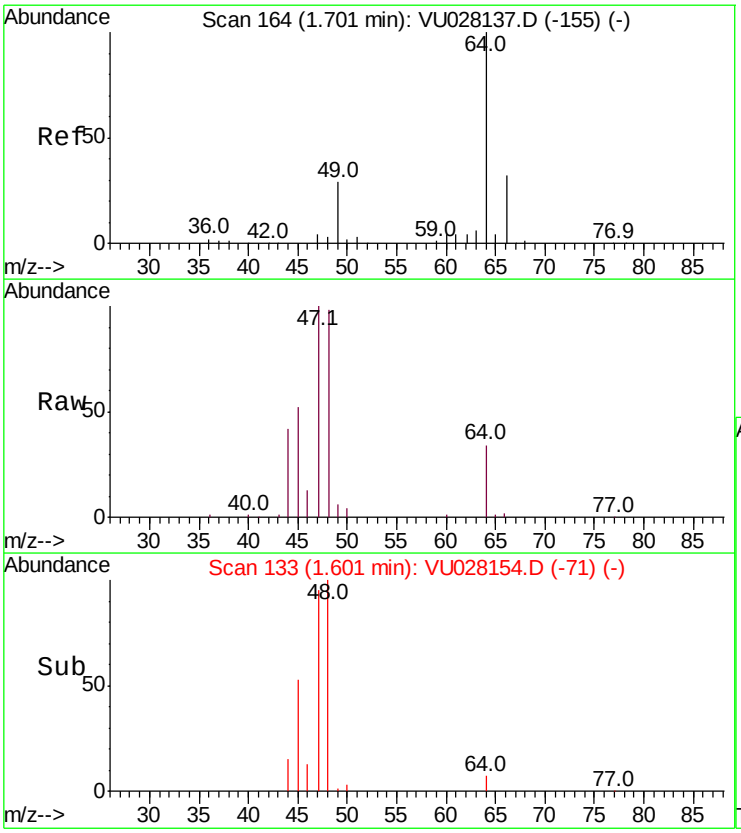
#5
Vinyl chloride
Concen: 1.776 ug/L
RT: 1.41 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 24862

Ion	Ratio	Lower	Upper
62	100		
64	33.6	22.7	42.3

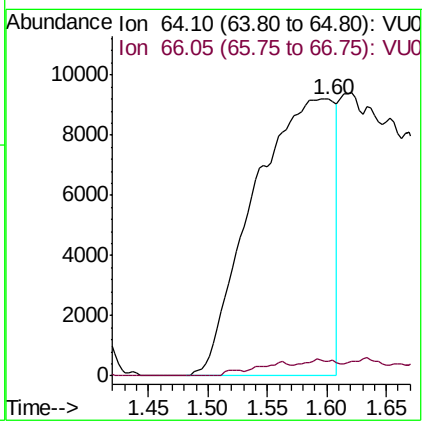


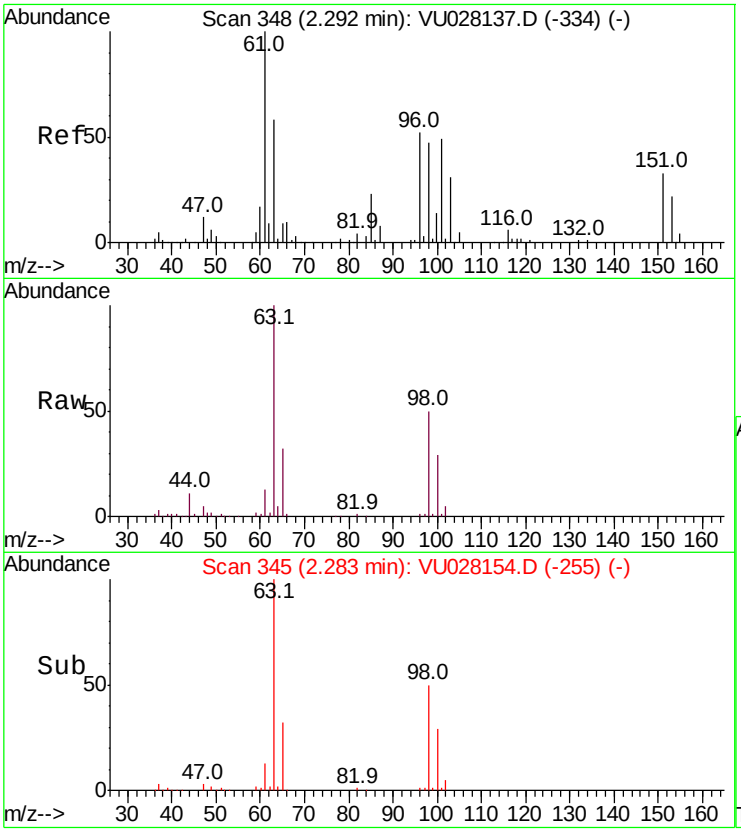


#8
Chloroethane
Concen: 5.123 ug/L
RT: 1.60 min Scan# 133
Delta R.T. -0.10 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Tgt Ion: 64 Resp: 43185

Ion	Ratio	Lower	Upper
64	100		
66	5.3	23.1	42.9#



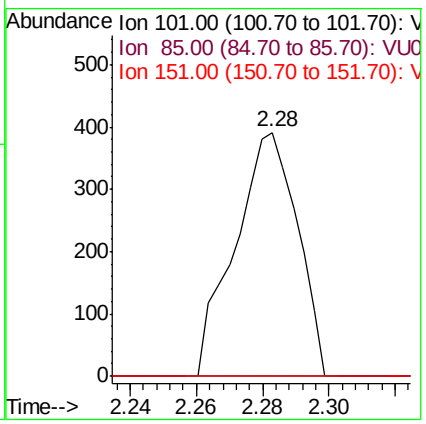


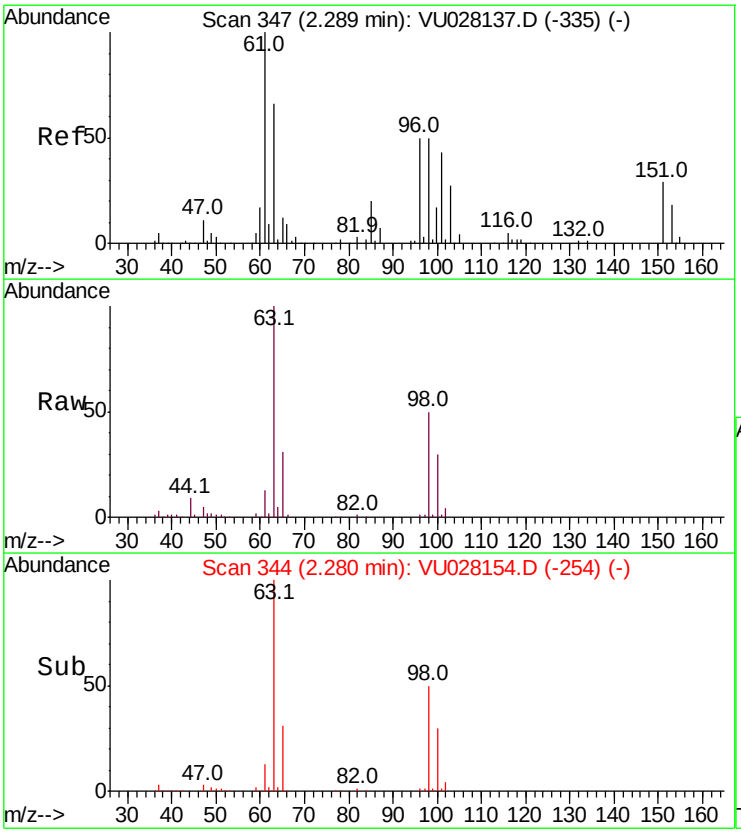
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.28 min Scan# 345
Delta R.T. -0.01 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 512

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

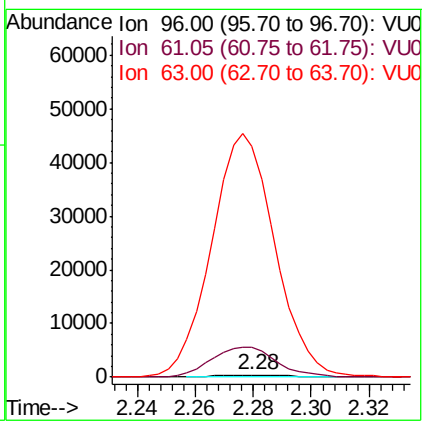


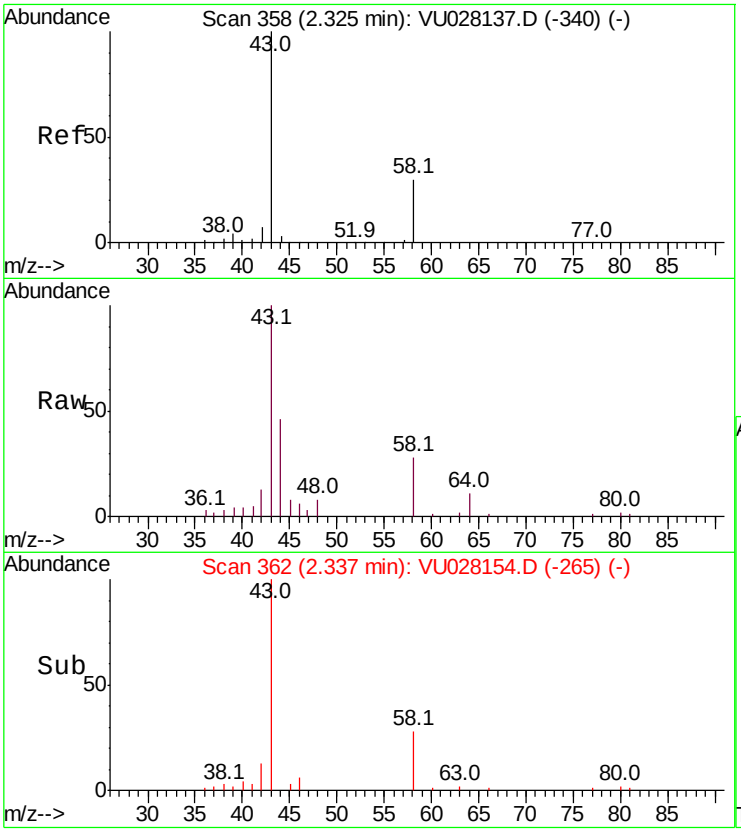


#12
1,1-Dichloroethene
Concen: 0.075 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Tgt Ion: 96 Resp: 649

Ion	Ratio	Lower	Upper
96	100		
61	1343.6	134.8	250.3#
63	10527.5	100.1	185.9#



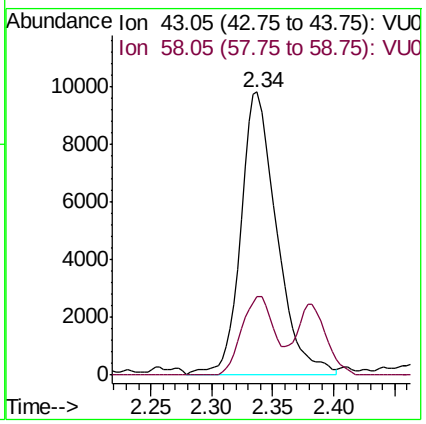


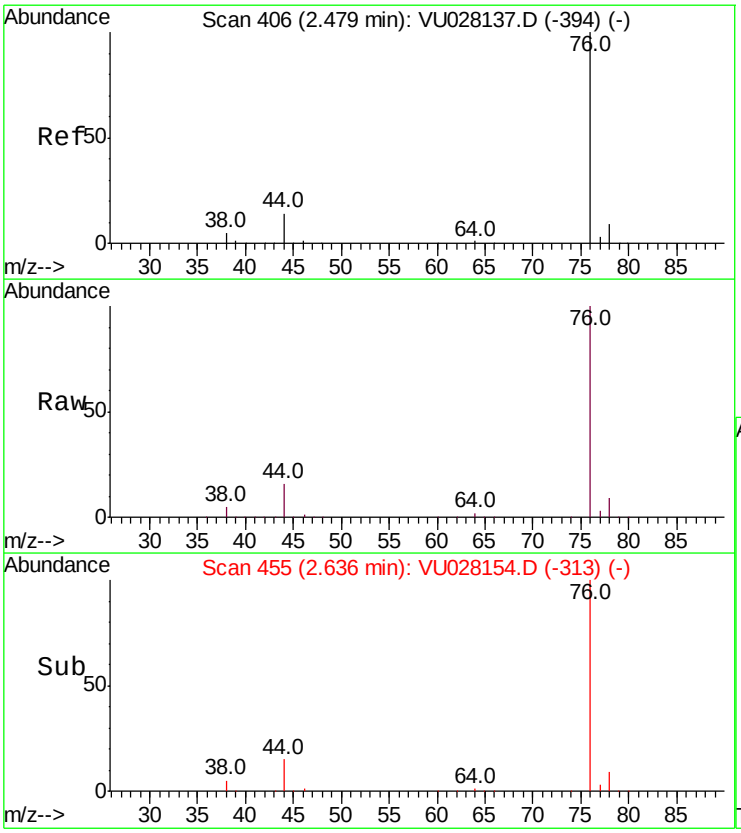
#13
Acetone
Concen: 9.452 ug/L
RT: 2.34 min Scan# 362
Delta R.T. 0.01 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 20028

Ion	Ratio	Lower	Upper
43	100		
58	24.8	0.0	61.6

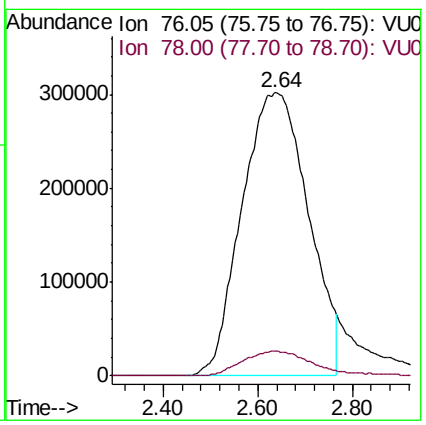


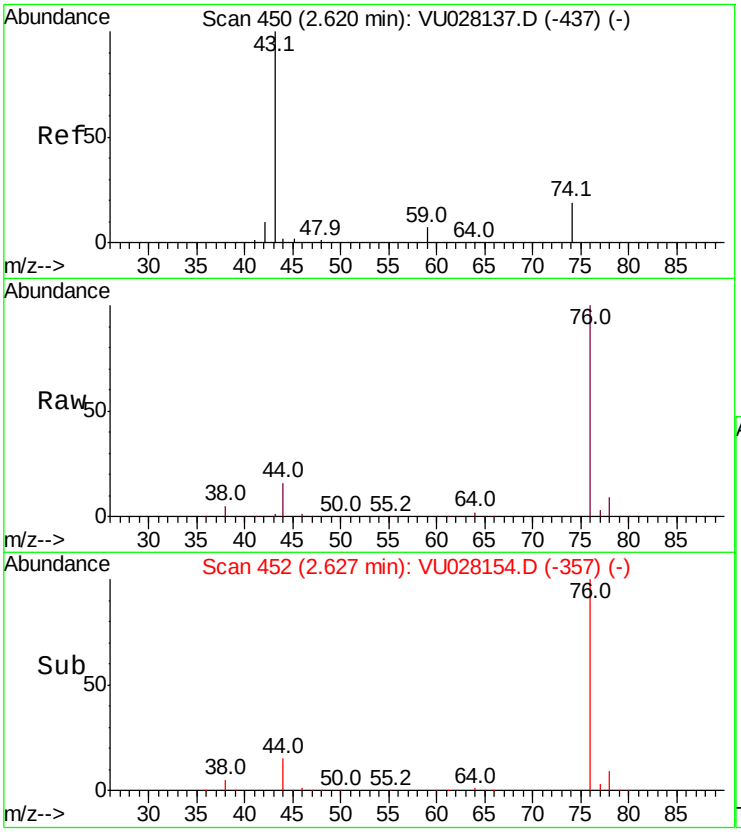


#14
Carbon disulfide
Concen: 100.798 ug/L
RT: 2.64 min Scan# 455
Delta R.T. 0.16 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Tgt Ion: 76 Resp: 2937626

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.4



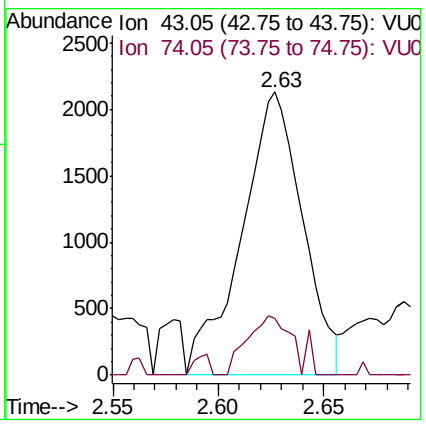


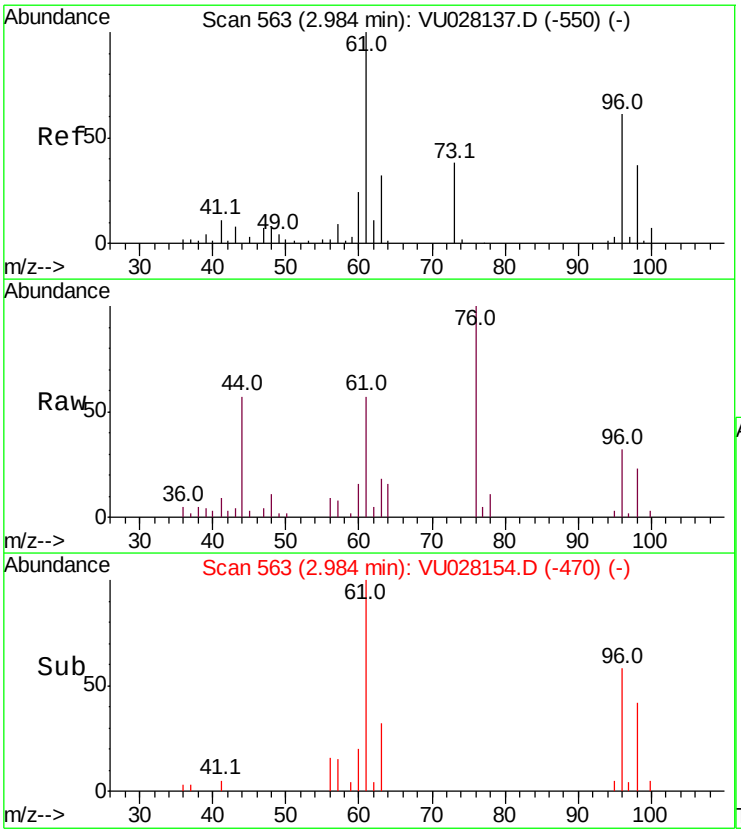
#15
Methyl Acetate
Concen: 0.757 ug/L
RT: 2.63 min Scan# 452
Delta R.T. 0.01 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 4288

Ion	Ratio	Lower	Upper
43	100		
74	14.6	14.9	22.3#

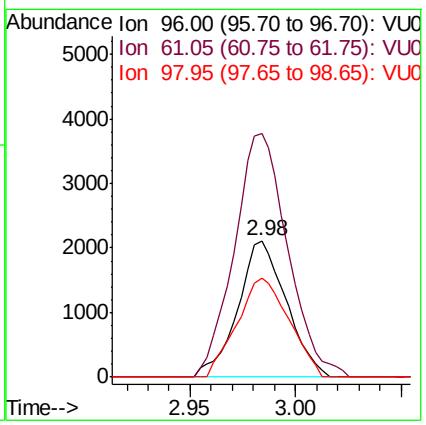


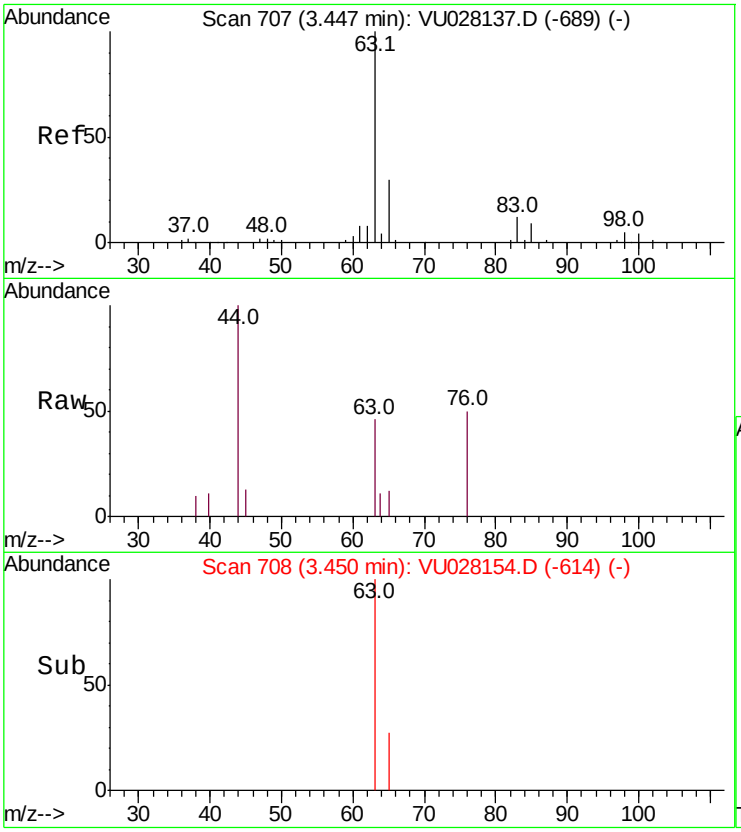


#18
trans-1,2-Dichloroethene
Concen: 0.365 ug/L
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Tgt Ion: 96 Resp: 3372

Ion	Ratio	Lower	Upper
96	100		
61	178.4	118.5	220.1
98	72.3	44.9	83.5



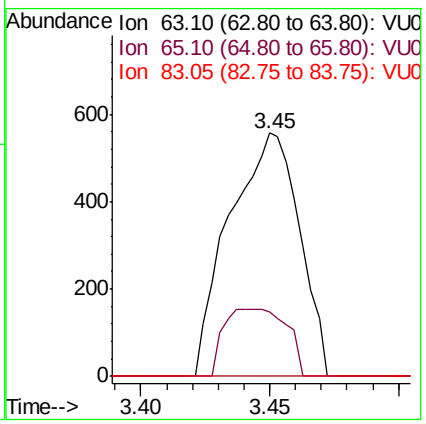


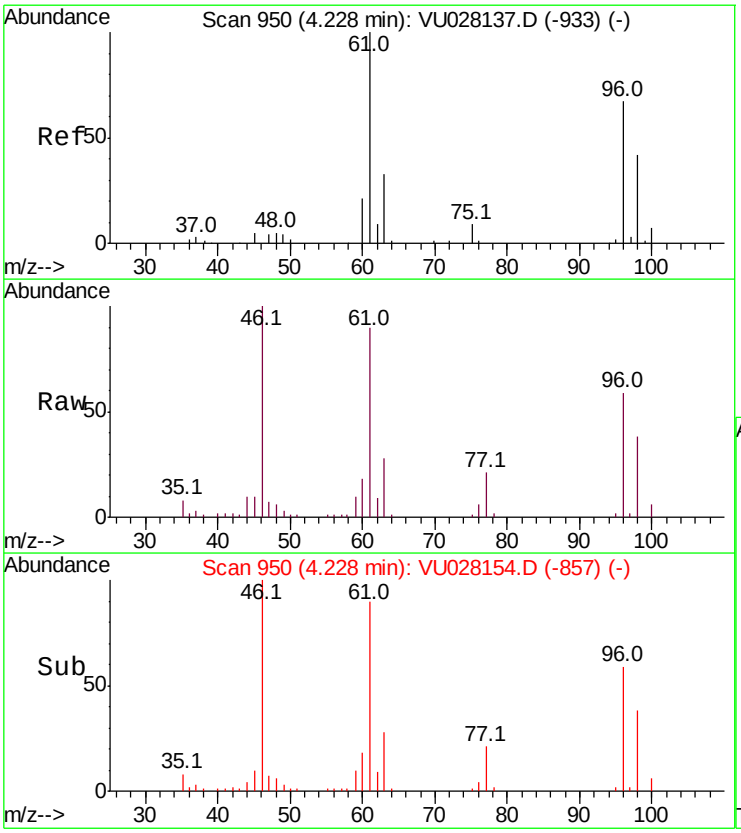
#19
1,1-Dichloroethane
Concen: 0.054 ug/L
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 1051

Ion	Ratio	Lower	Upper
63	100		
65	21.4	22.2	41.2#
83	0.0	8.9	16.5#

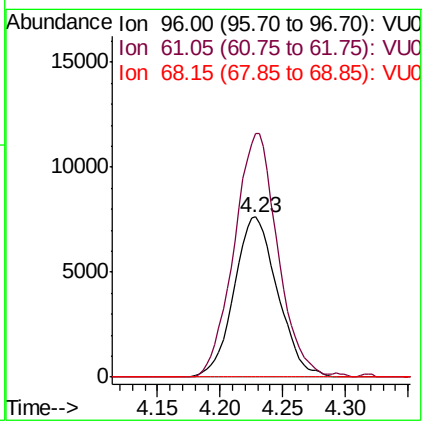


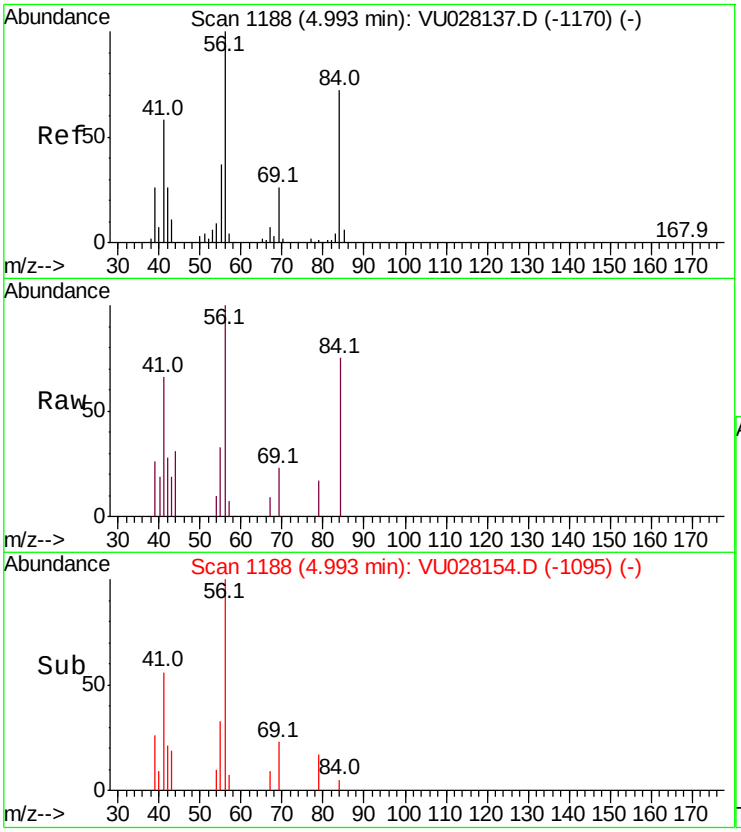


#22
cis-1,2-Dichloroethene
Concen: 1.809 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Tgt Ion: 96 Resp: 18427

Ion	Ratio	Lower	Upper
96	100		
61	152.1	101.8	189.0
68	0.0	0.0	0.0



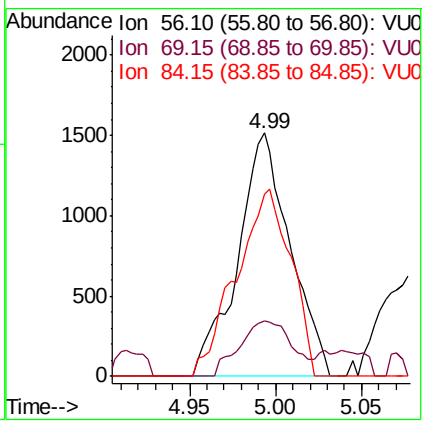


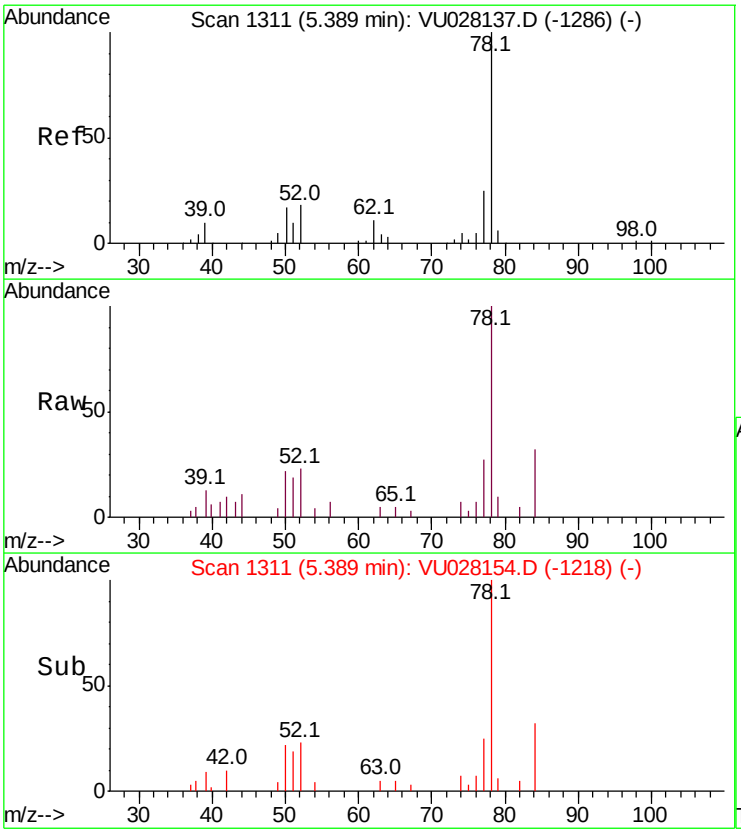
#30
Cyclohexane
Concen: 0.163 ug/L
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 3209

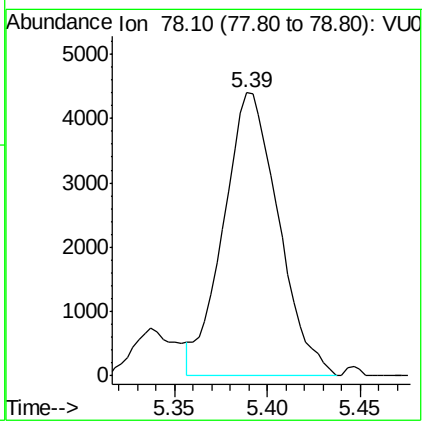
Ion	Ratio	Lower	Upper
56	100		
69	23.2	22.6	33.8
84	80.1	57.7	86.5

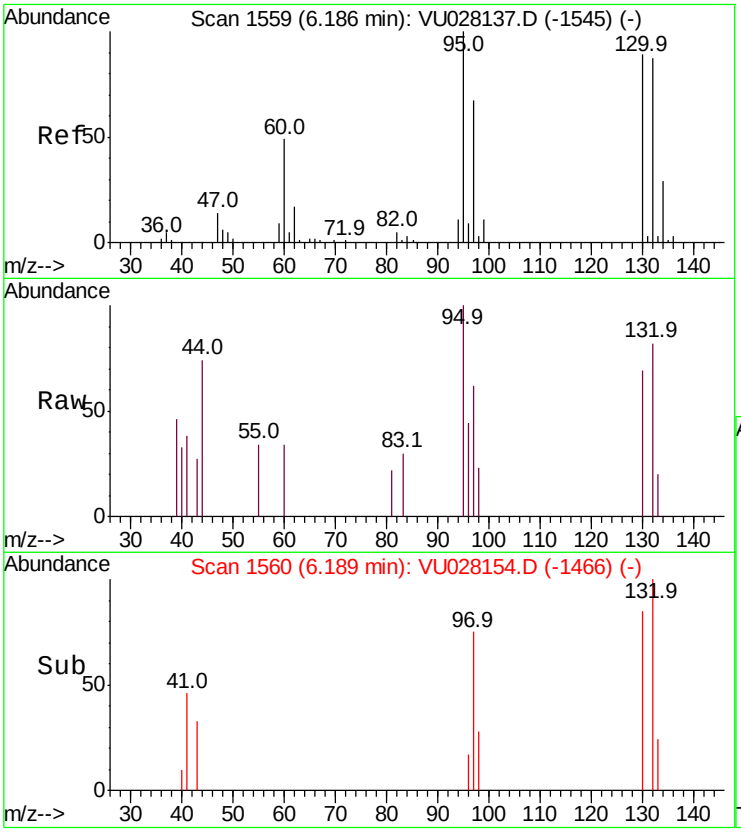




#33
Benzene
Concen: 0.218 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Tgt Ion: 78 Resp: 9110



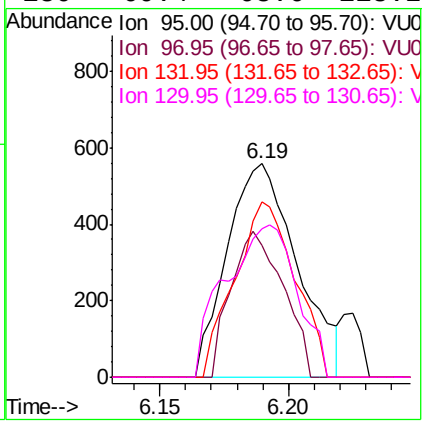


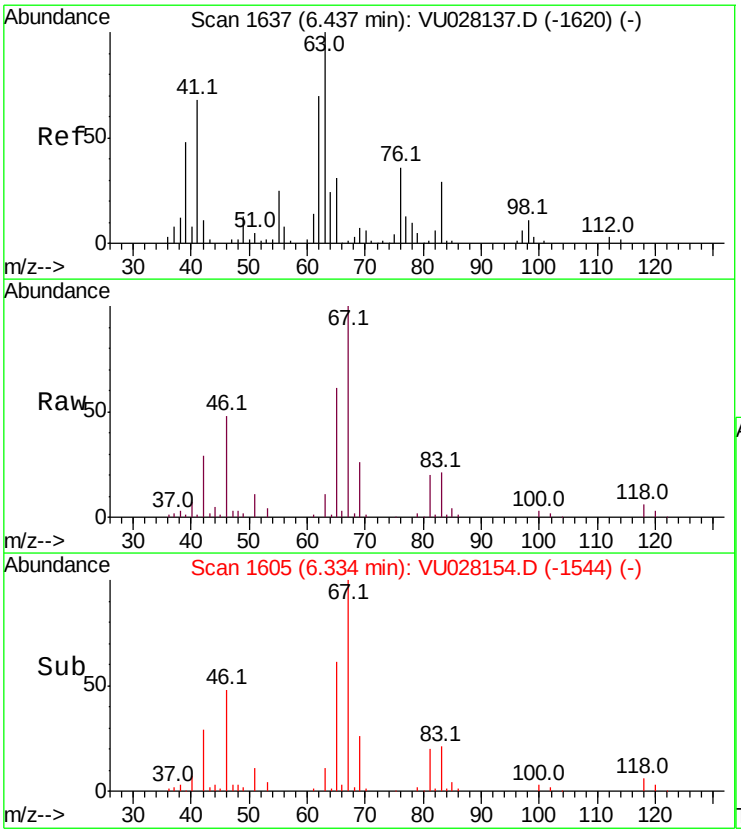
#34
Trichloroethene
Concen: 0.103 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 1059

Ion	Ratio	Lower	Upper
95	100		
97	61.9	45.3	84.1
132	82.1	63.0	117.0
130	69.4	63.6	118.2

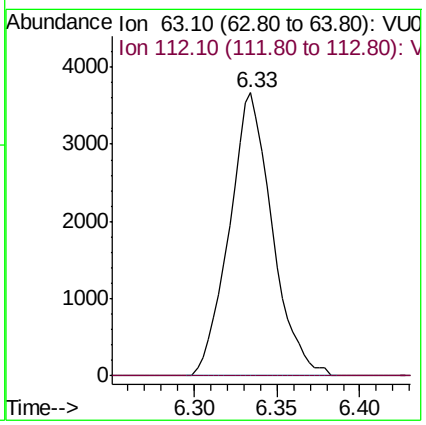


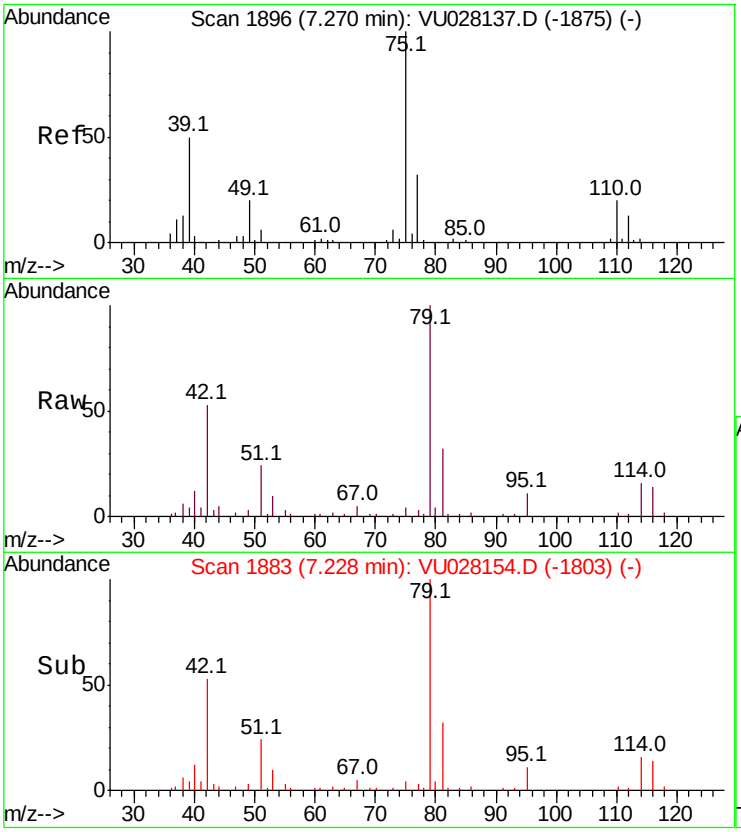


#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Tgt Ion: 63 Resp: 6610

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.4#



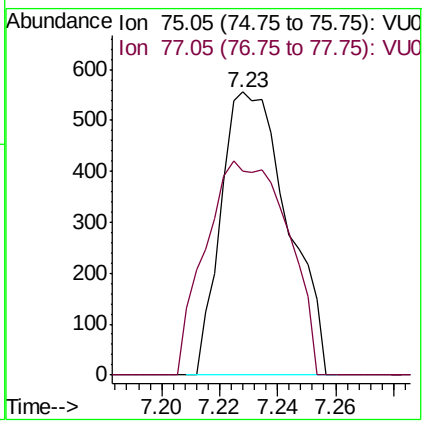


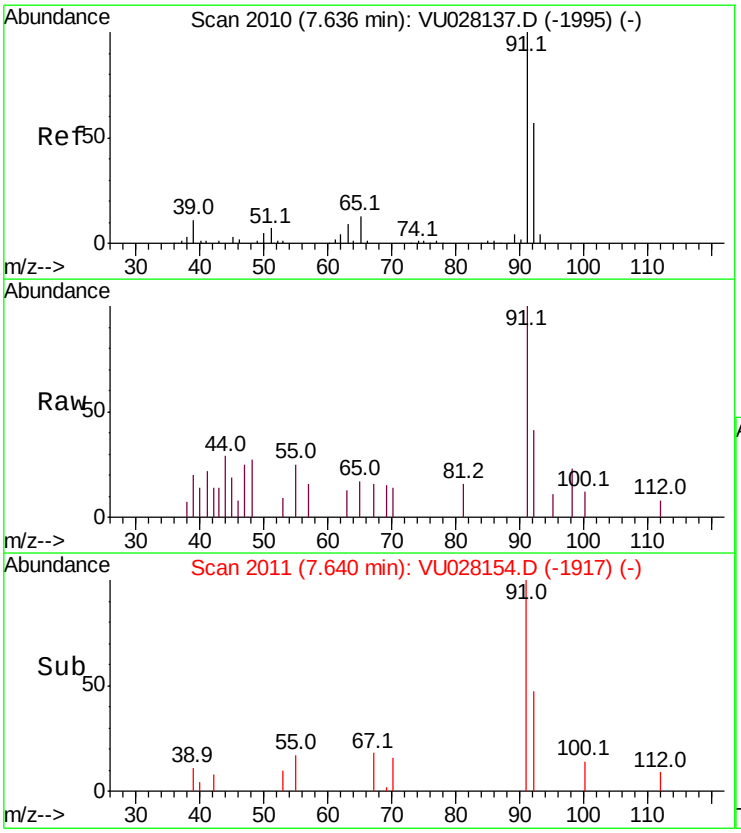
#39
cis-1,3-Dichloropropene
Concen: 0.057 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 887

Ion	Ratio	Lower	Upper
75	100		
77	71.9	20.9	38.9#

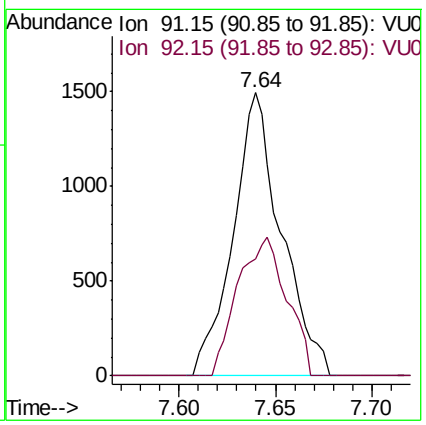


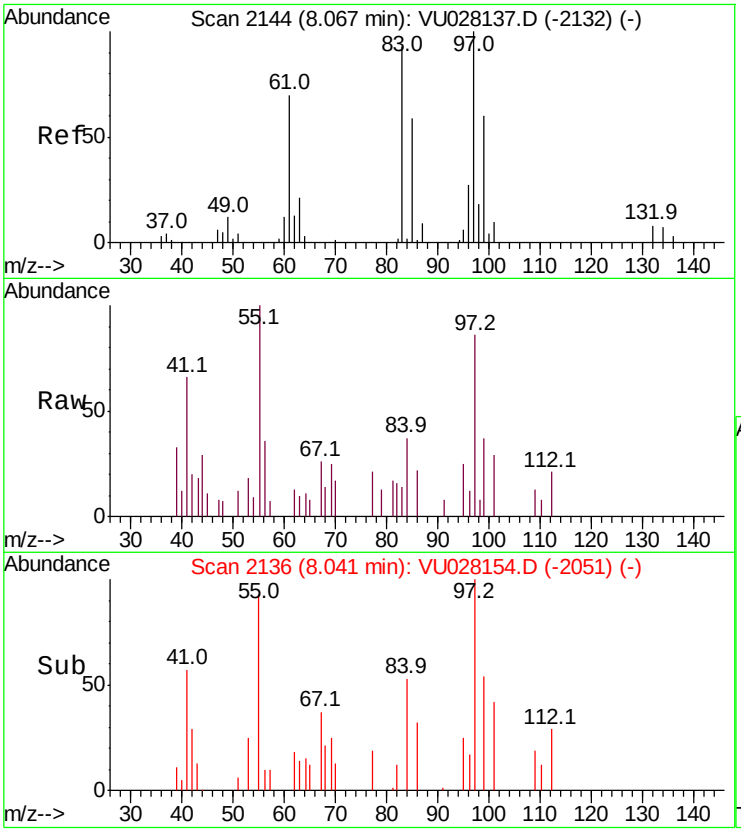


#42
Toluene
Concen: 0.060 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Tgt Ion: 91 Resp: 2588

Ion	Ratio	Lower	Upper
91	100		
92	41.4	40.7	75.7



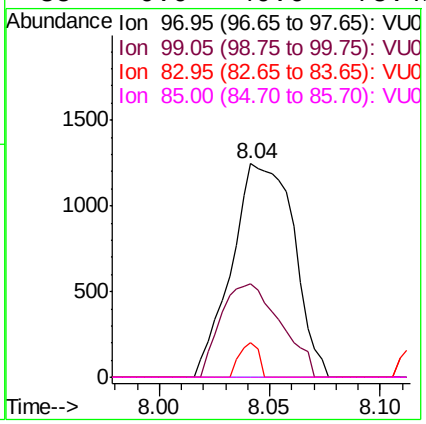


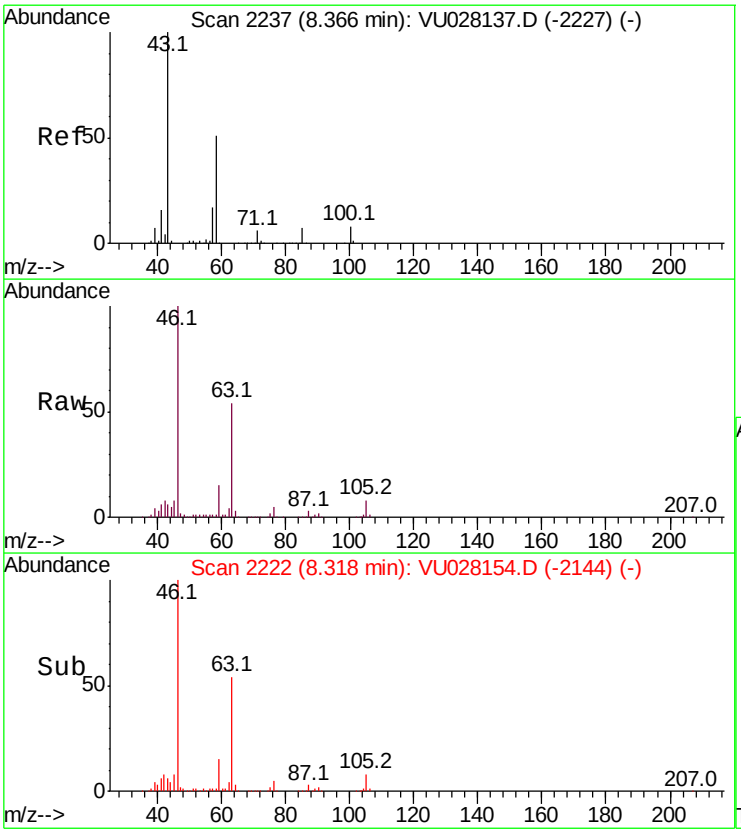
#45
1,1,2-Trichloroethane
Concen: 0.349 ug/L
RT: 8.04 min Scan# 2136
Delta R.T. -0.03 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 2431

Ion	Ratio	Lower	Upper
97	100		
99	43.5	42.1	78.1
83	16.3	63.7	118.3#
85	0.0	40.6	75.4#

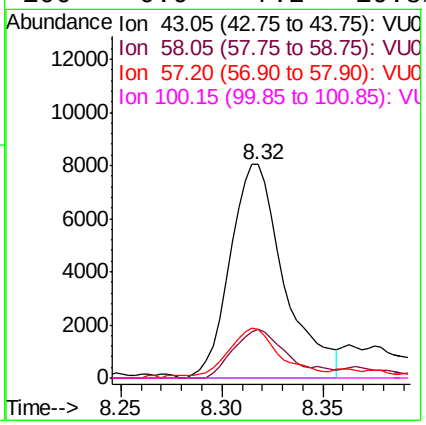


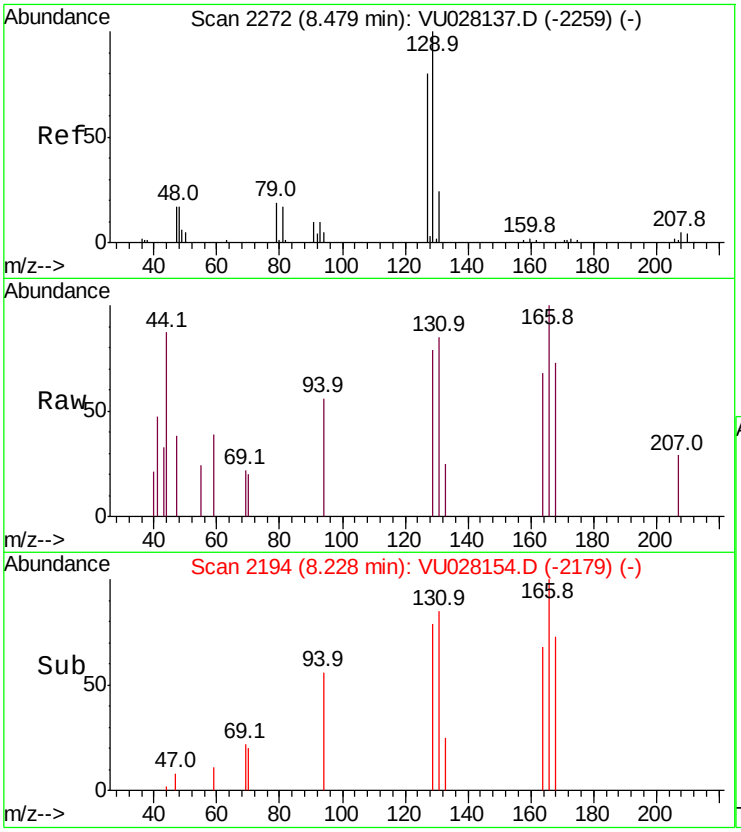


#48
2-Hexanone
Concen: 2.663 ug/L
RT: 8.32 min Scan# 2222
Delta R.T. -0.05 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Tgt Ion: 43 Resp: 15063

Ion	Ratio	Lower	Upper
43	100		
58	23.1	41.7	62.5#
57	20.6	14.0	21.0
100	0.0	7.2	10.8#



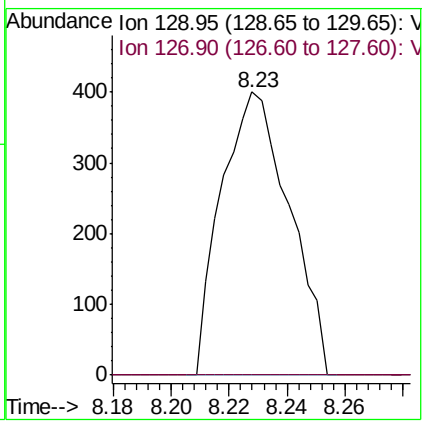


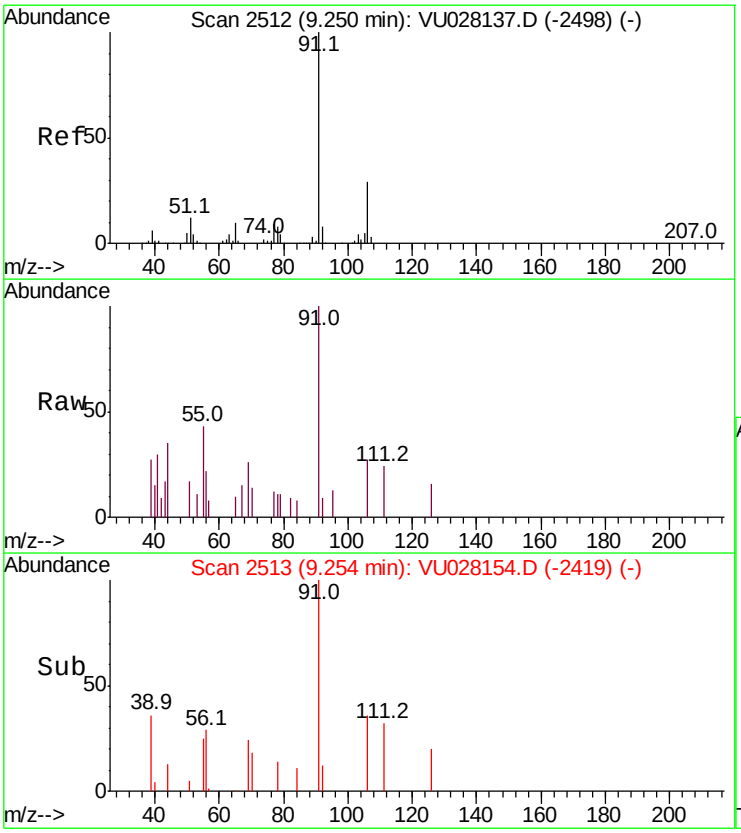
#49
Dibromochloromethane
Concen: 0.088 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 651

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#

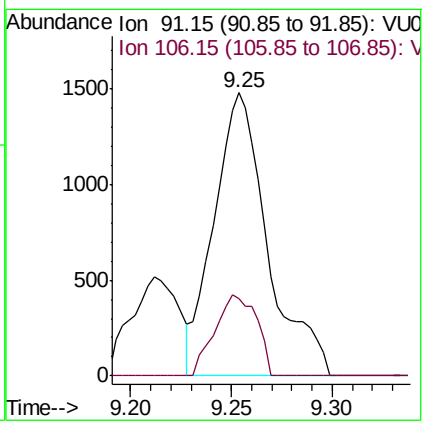


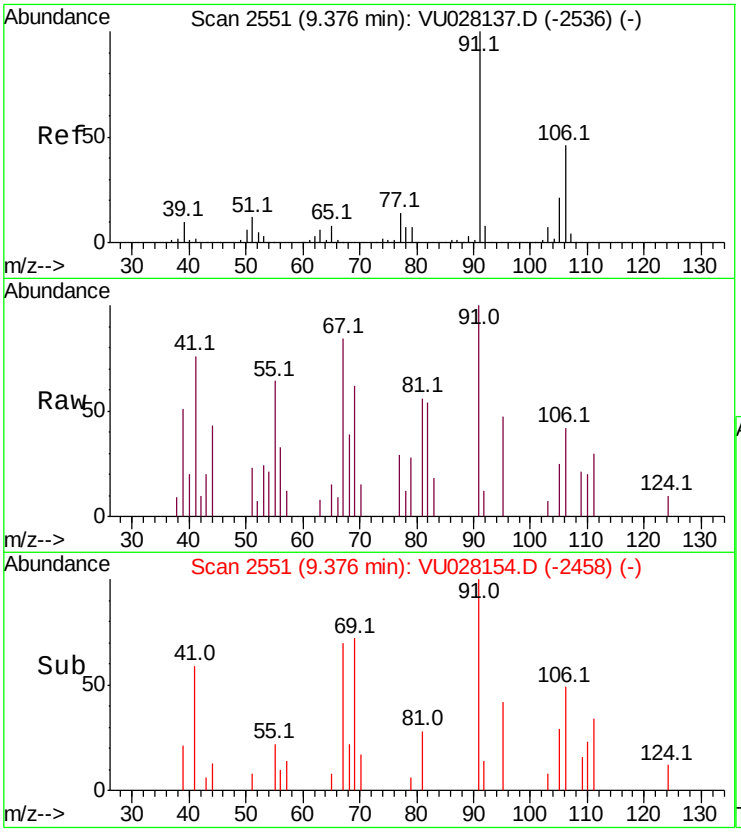


#52
Ethylbenzene
Concen: 0.058 ug/L
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Tgt Ion: 91 Resp: 2732

Ion	Ratio	Lower	Upper
91	100		
106	27.2	20.9	38.7



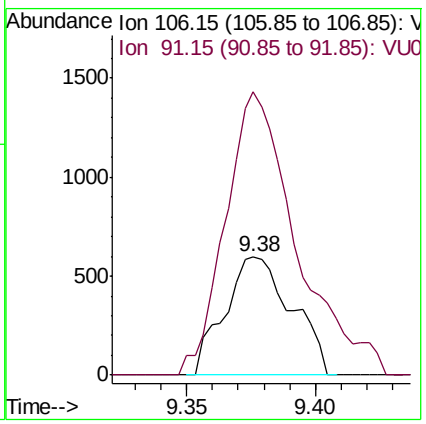


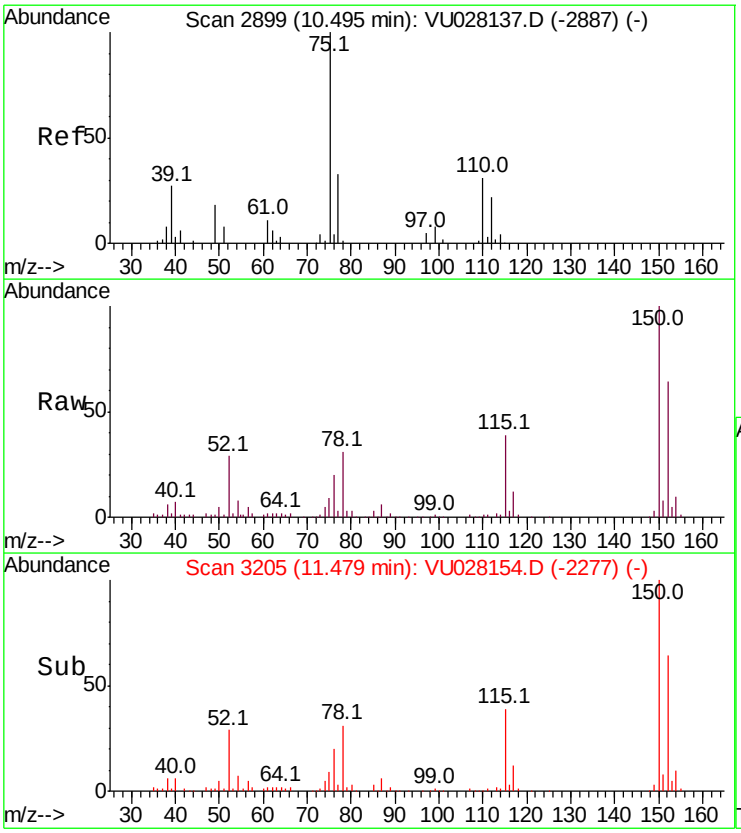
#53
m,p-xylene
Concen: 0.063 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 1083

Ion	Ratio	Lower	Upper
106	100		
91	238.7	145.7	270.7

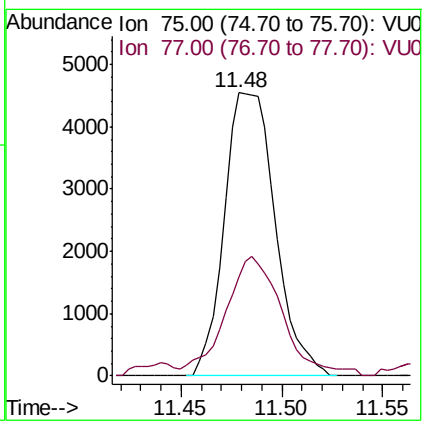


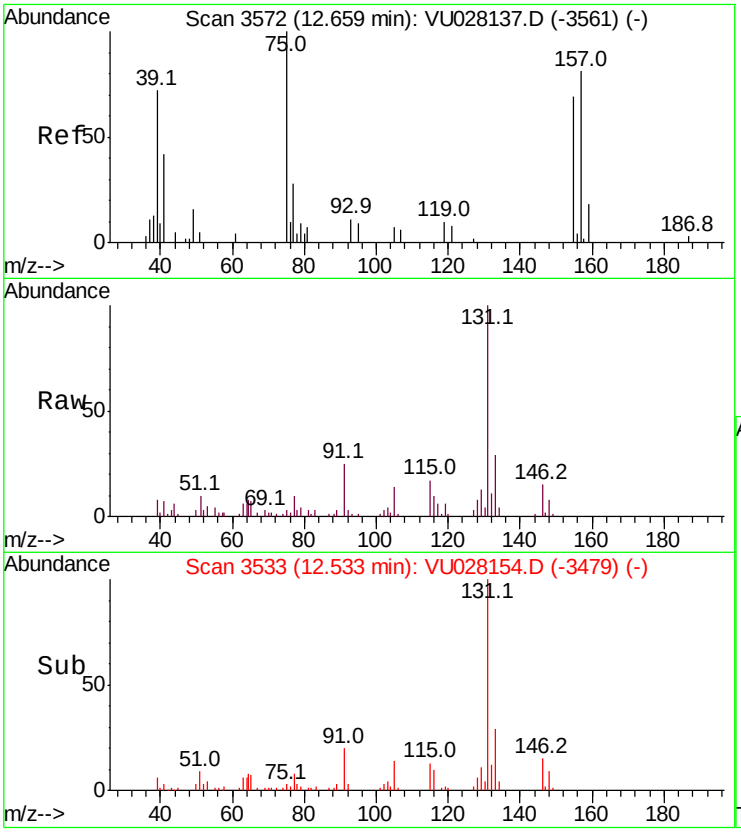


#59
1,2,3-Trichloropropane
Concen: 1.241 ug/L
RT: 11.48 min Scan# 3205
Delta R.T. 0.98 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Tgt Ion: 75 Resp: 8045

Ion	Ratio	Lower	Upper
75	100		
77	47.2	25.4	38.0#





#66
1,2-Dibromo-3-chloropropane
Concen: 0.332 ug/L
RT: 12.53 min Scan# 3533
Delta R.T. -0.13 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 412

Ion	Ratio	Lower	Upper
75	100		
155	0.0	62.8	94.2#
157	0.0	85.3	127.9#