Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\

Quantitation Report (Not Reviewed)

Data File : VU028858.D
Acq On : 21 Dec 2018 04:45
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Quant Time: Dec 21 06:04:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	225783	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	214883	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100312	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	94753	52.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.70%			
7) Chloroethane-d5	1.67	69	72375	51.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.54%			
11) 1,1-Dichloroethene-d2	2.27	63	152479	50.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.18%			
21) 2-Butanone-d5	4.18	46	137381	108.33	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.33%			
24) Chloroform-d	4.65	84	148196	52.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.14%			
26) 1,2-Dichloroethane-d4	5.31	65	90586	51.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.26%			
32) Benzene-d6	5.34	84	324393	53.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.88%			
36) 1,2-Dichloropropane-d6	6.33	67	109265	52.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.96%			
41) Toluene-d8	7.57	98	293668	53.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.76%			
43) trans-1,3-Dichloropropene-	7.85	79	46522	50.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.68%			
47) 2-Hexanone-d5	8.31	63	110155	112.46	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.46%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	148826	52.02	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.04%			
64) 1,2-Dichlorobenzene-d4	11.86	152	108761	53.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.22%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	91358	49.622	ug/L	100
3) Chloromethane	1.33	50	115928	46.307	ug/L	99
5) Vinyl chloride	1.40	62	112423	50.833	ug/L	98
6) Bromomethane	1.61	94	46902	49.786	ug/L	97
8) Chloroethane	1.69	64	63196	50.061	ug/L	98
9) Trichlorofluoromethane	1.88	101	114535	50.644	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	73655	50.336	ug/L	100
12) 1,1-Dichloroethene	2.28	96	73924	51.065	ug/L	92
13) Acetone	2.32	43	80246	62.091	ug/L	98
14) Carbon disulfide	2.48	76	242063	47.882	ug/L	100
15) Methyl Acetate	2.62	43	98089	48.682	ug/L	99
16) Methylene chloride	2.70	84	88195	49.401	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	79636	50.775	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	249437	51.720	ug/L	98
19) 1,1-Dichloroethane	3.44	63	150156	49.250	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	89754	50.518	ug/L	98
22) 2-Butanone	4.26	43	136146	86.508	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\

Quantitation Report (Not Reviewed)

Data File : VU028858.D
Acq On : 21 Dec 2018 04:45
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Quant Time: Dec 21 06:04:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	42351	50.003	ug/L	98
25) Chloroform	4.67	83	143771	49.544	ug/L	100
27) 1,2-Dichloroethane	5.40	62	110001	51.006	ug/L	99
29) Cyclohexane	5.00	56	146309	51.157	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	115955	50.983	ug/L	99
31) Carbon tetrachloride	5.13	117	90954	49.591	ug/L	100
33) Benzene	5.39	78	348422	50.931	ug/L	100
34) Trichloroethene	6.18	95	83774	50.723	ug/L	99
35) Methylcyclohexane	6.41	83	139632	50.761	ug/L	98
37) 1,2-Dichloropropane	6.43	63	96950	50.697	ug/L	100
38) Bromodichloromethane	6.76	83	106694	50.382	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	133405	48.932	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	259896	101.112	ug/L	98
42) Toluene	7.64	91	356415	51.396	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	117653	48.412	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	84577	51.727	ug/L	97
46) Tetrachloroethene	8.22	164	63679	50.062	ug/L	97
48) 2-Hexanone	8.36	43	205897	97.598	ug/L	99
49) Dibromochloromethane	8.48	129	80183	49.233	ug/L	99
50) 1,2-Dibromoethane	8.58	107	87709	51.558	ug/L	100
51) Chlorobenzene	9.12	112	222858	50.991	ug/L	99
52) Ethylbenzene	9.25	91	383664	51.488	ug/L	98
53) m,p-Xylene	9.37	106	145796	52.912	ug/L	97
54) o-xylene	9.78	106	145286	52.608	ug/L	99
55) Styrene	9.79	104	241645	51.664	ug/L	99
56) Isopropylbenzene	10.16	105	364396	52.014	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	147204	49.558	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	112510	49.301	ug/L	100
61) Bromoform	9.96	173	60481	48.637	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	162231	50.911	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	163373	49.763	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	169682	51.046	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	28286	49.332	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	118182	50.302	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	104132	52.927	ug/L	98
69) Naphthalene	13.74	128	369298	54.064	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	109223	51.484	ug/L	99

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

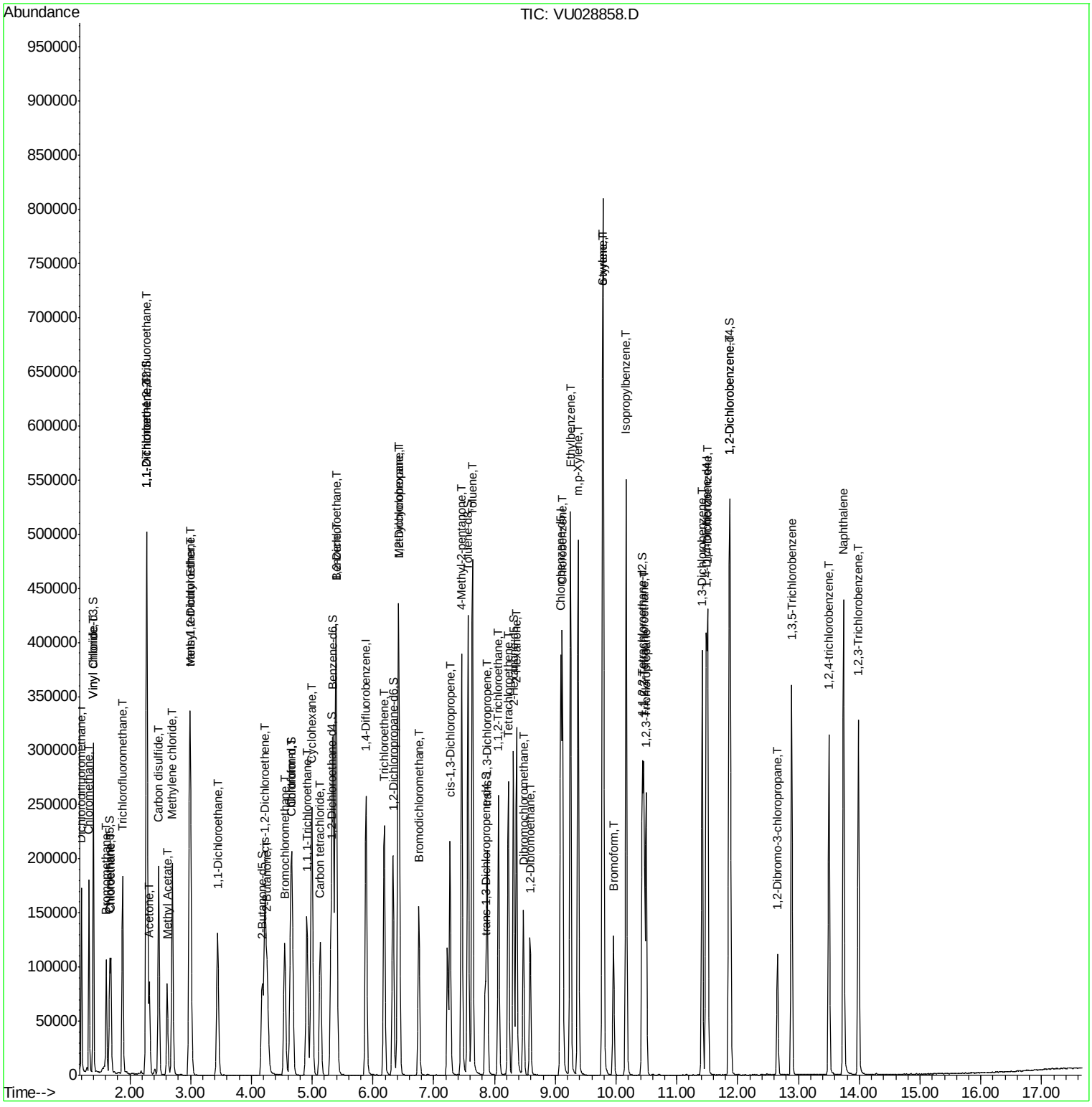
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\

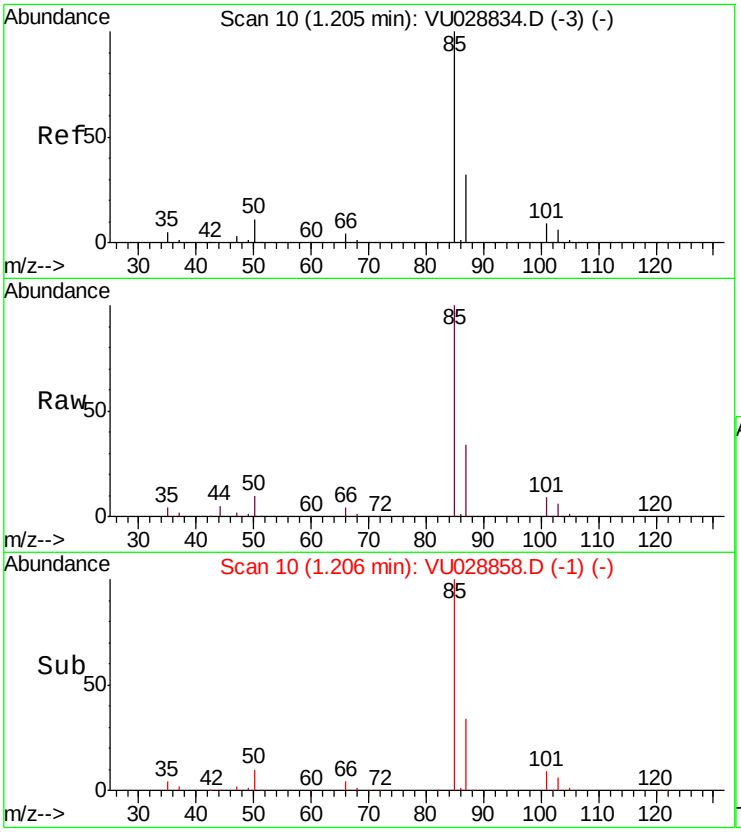
Quantitation Report (Not Reviewed)

Data File : VU028858.D
Acq On : 21 Dec 2018 04:45
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Quant Time: Dec 21 06:04:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration



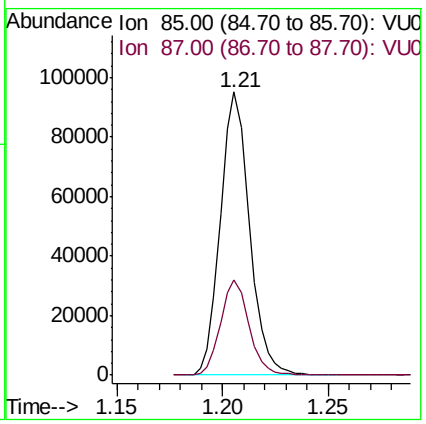


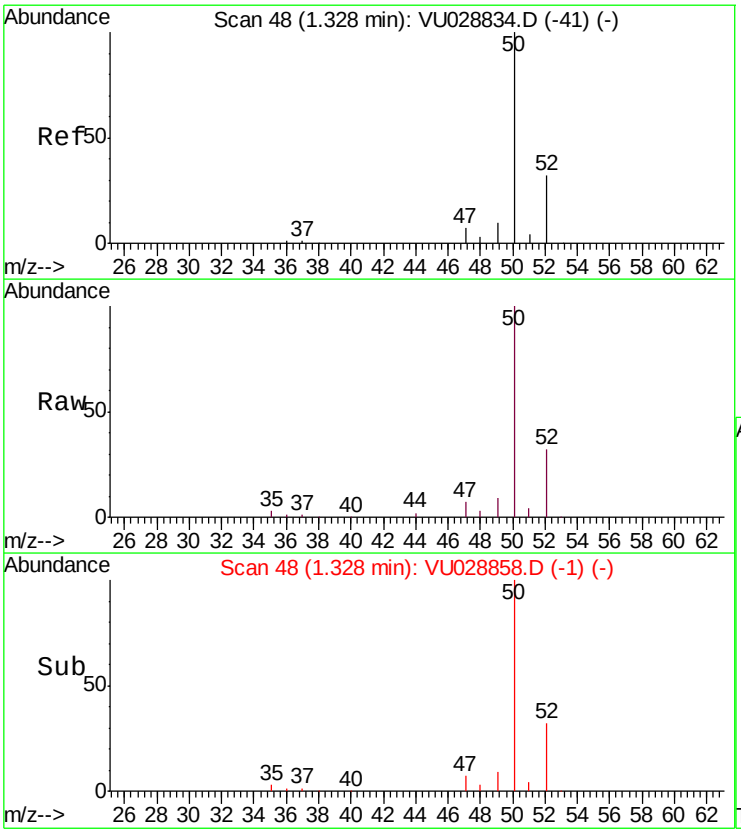
#2
Dichlorodifluoromethane
Concen: 49.622 ug/L
RT: 1.21 min Scan# 10
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 85 Resp: 91358

Ion	Ratio	Lower	Upper
85	100		
87	32.8	26.3	39.5

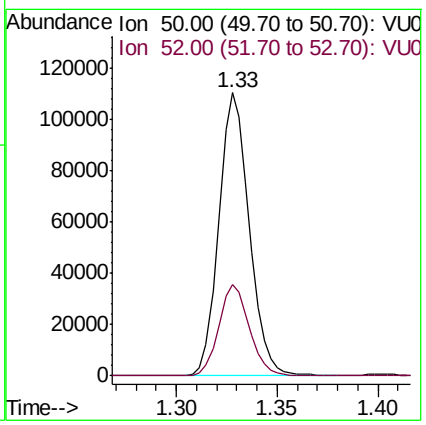


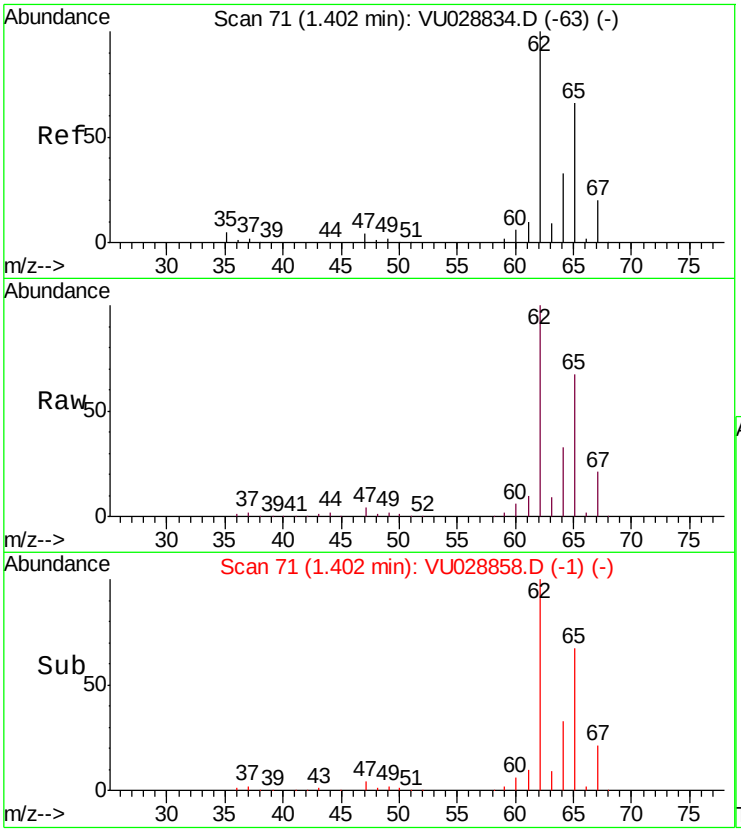


#3
Chloromethane
Concen: 46.307 ug/L
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion: 50 Resp: 115928

Ion	Ratio	Lower	Upper
50	100		
52	32.3	22.3	41.3



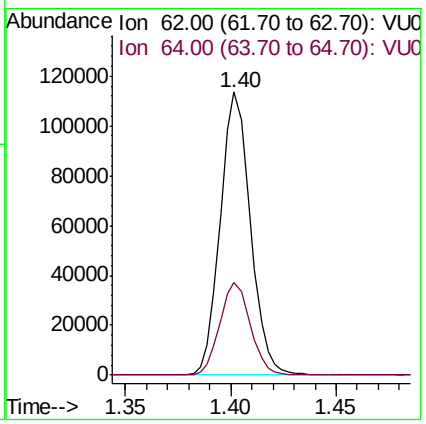


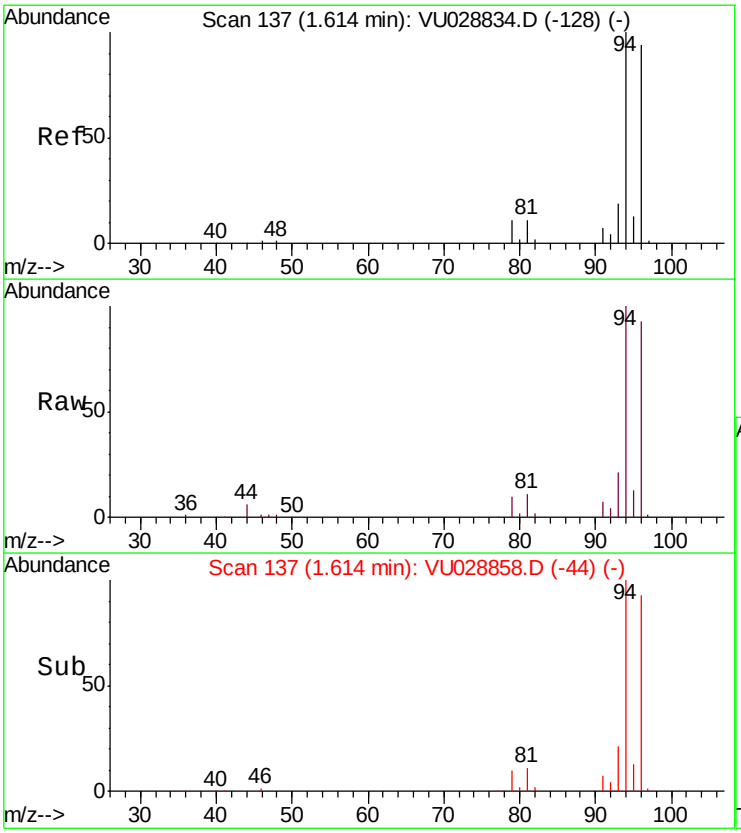
#5
Vinyl chloride
Concen: 50.833 ug/L
RT: 1.40 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 62 Resp: 112423

Ion	Ratio	Lower	Upper
62	100		
64	32.9	22.3	41.3

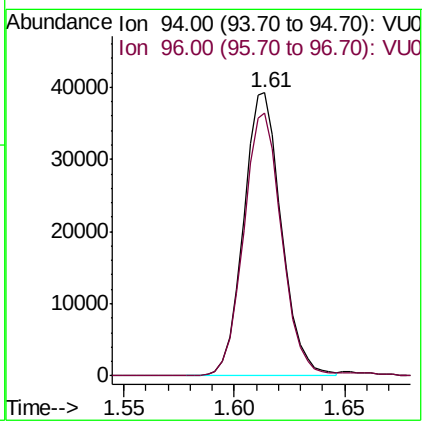


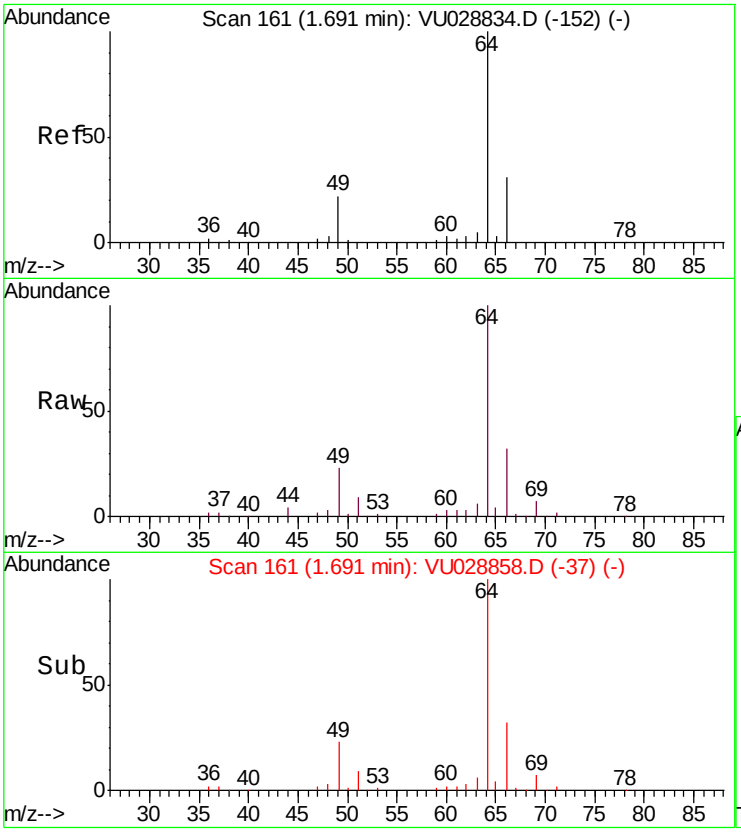


#6
Bromomethane
Concen: 49.786 ug/L
RT: 1.61 min Scan# 137
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion: 94 Resp: 46902

Ion	Ratio	Lower	Upper
94	100		
96	92.8	67.3	125.1



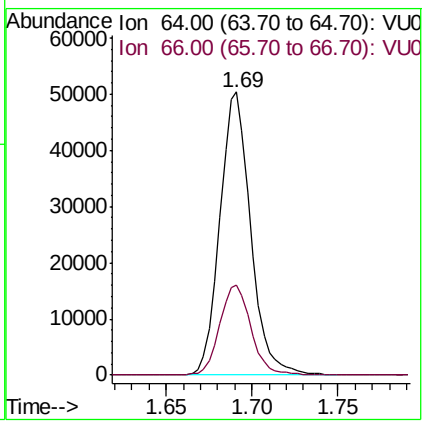


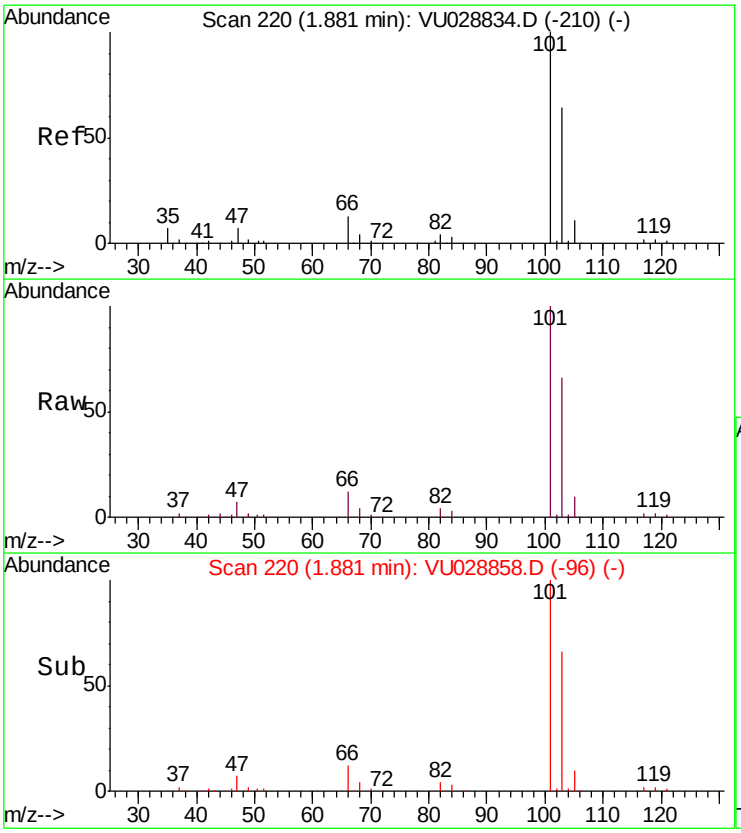
#8
Chloroethane
Concen: 50.061 ug/L
RT: 1.69 min Scan# 161
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 64 Resp: 63196

Ion	Ratio	Lower	Upper
64	100		
66	31.7	21.5	39.9

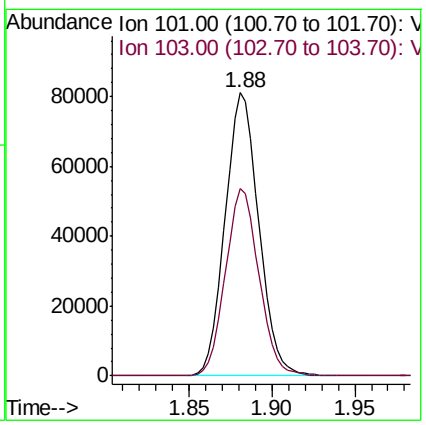


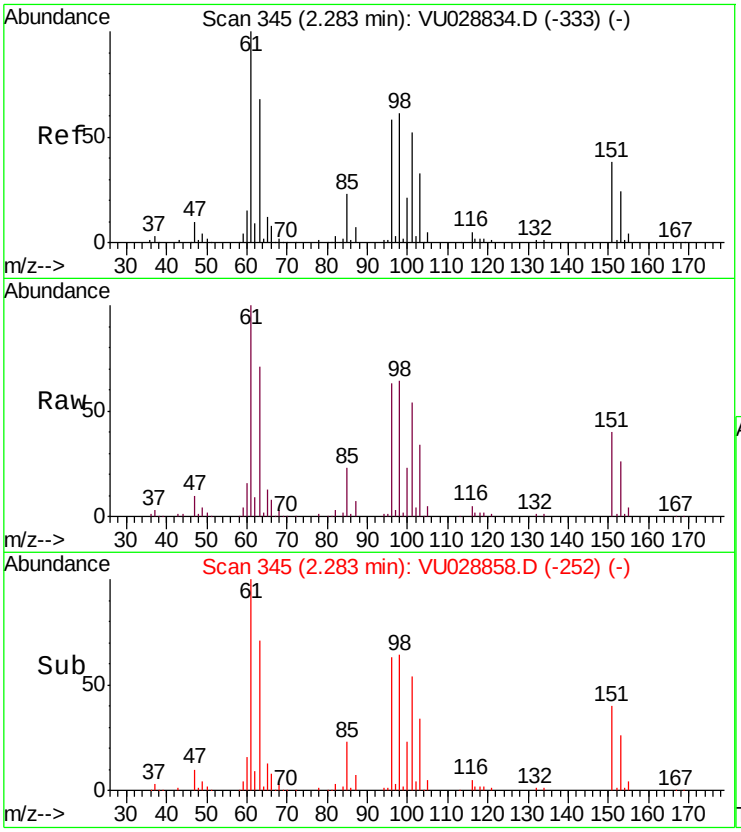


#9
Trichlorofluoromethane
Concen: 50.644 ug/L
RT: 1.88 min Scan# 220
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion:101 Resp: 114535

Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.4	77.0



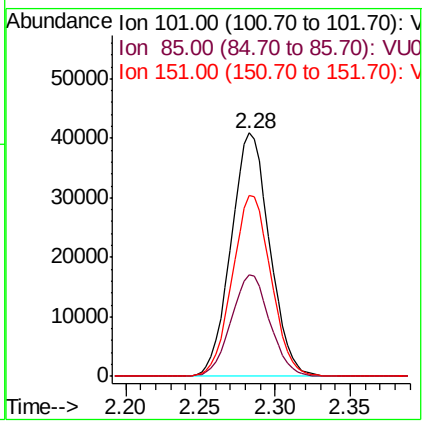


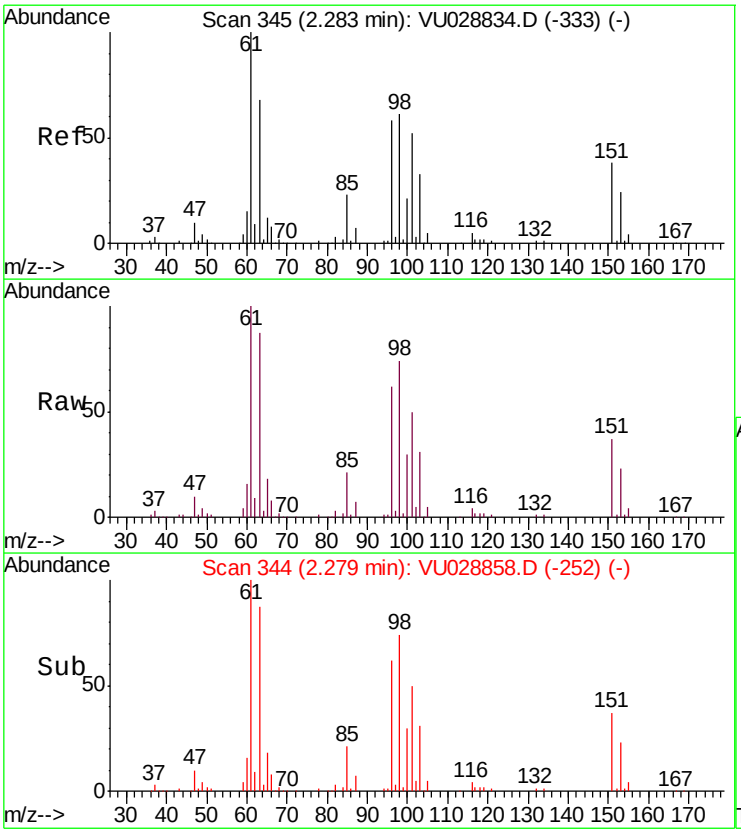
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.336 ug/L
RT: 2.28 min Scan# 345
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion:101 Resp: 73655

Ion	Ratio	Lower	Upper
101	100		
85	41.6	33.8	50.6
151	74.3	59.4	89.0

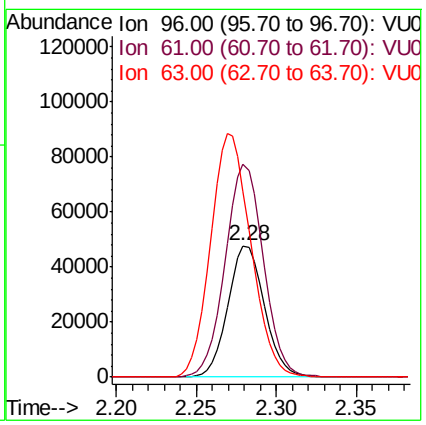


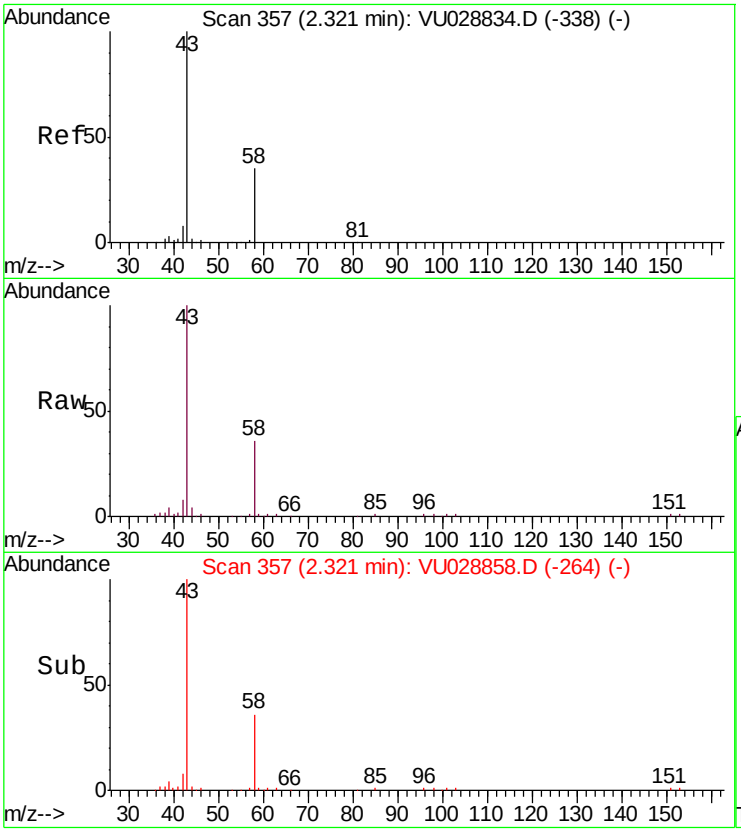


#12
1,1-Dichloroethene
Concen: 51.065 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion: 96 Resp: 73924

Ion	Ratio	Lower	Upper
96	100		
61	162.3	119.3	221.5
63	141.3	107.4	199.6



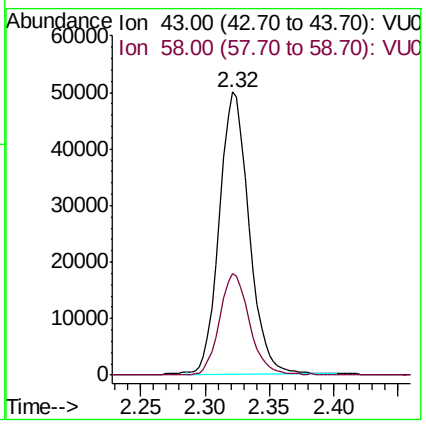


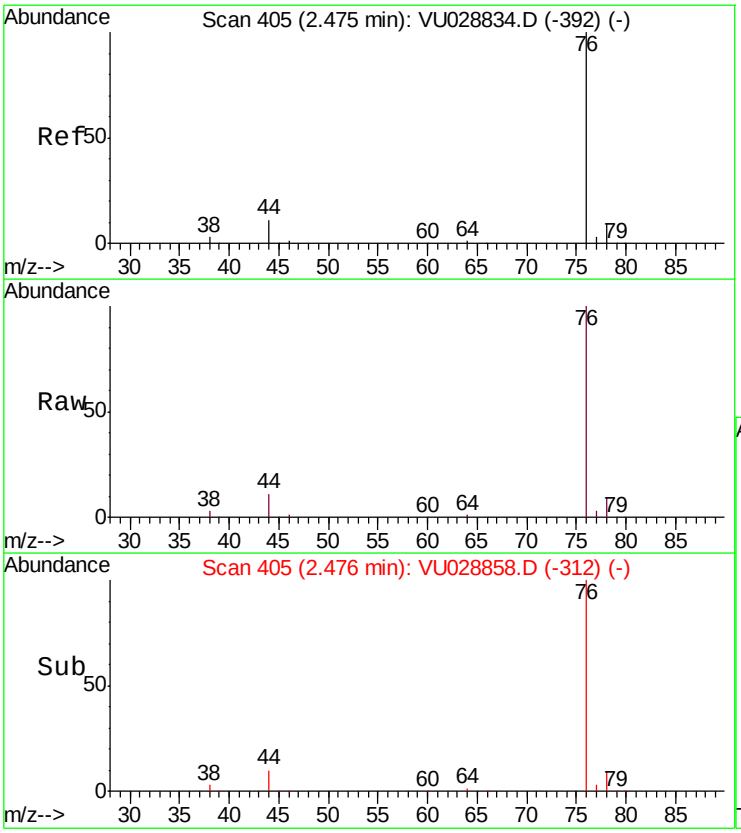
#13
Acetone
Concen: 62.091 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 43 Resp: 80246

Ion	Ratio	Lower	Upper
43	100		
58	36.3	0.0	70.2

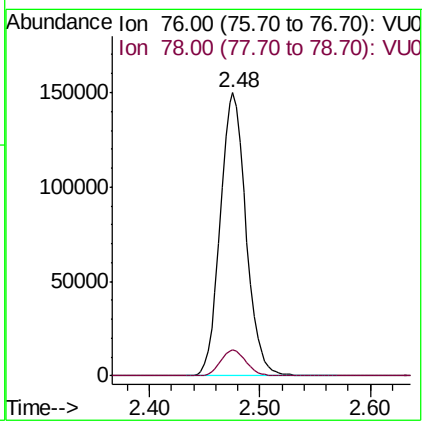


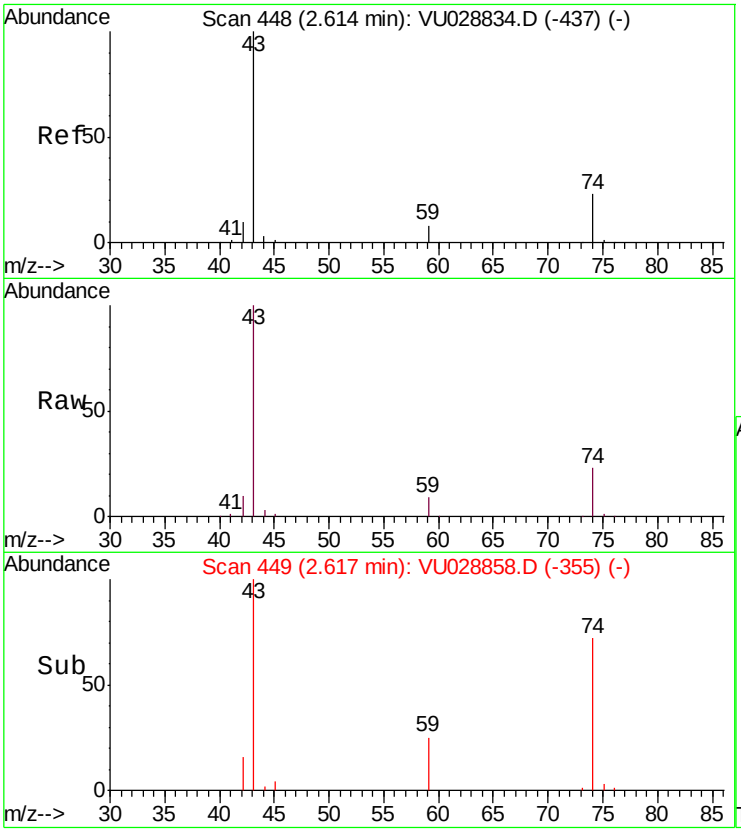


#14
Carbon disulfide
Concen: 47.882 ug/L
RT: 2.48 min Scan# 405
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion: 76 Resp: 242063

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0



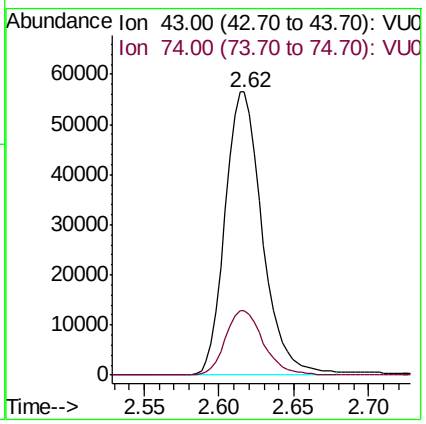


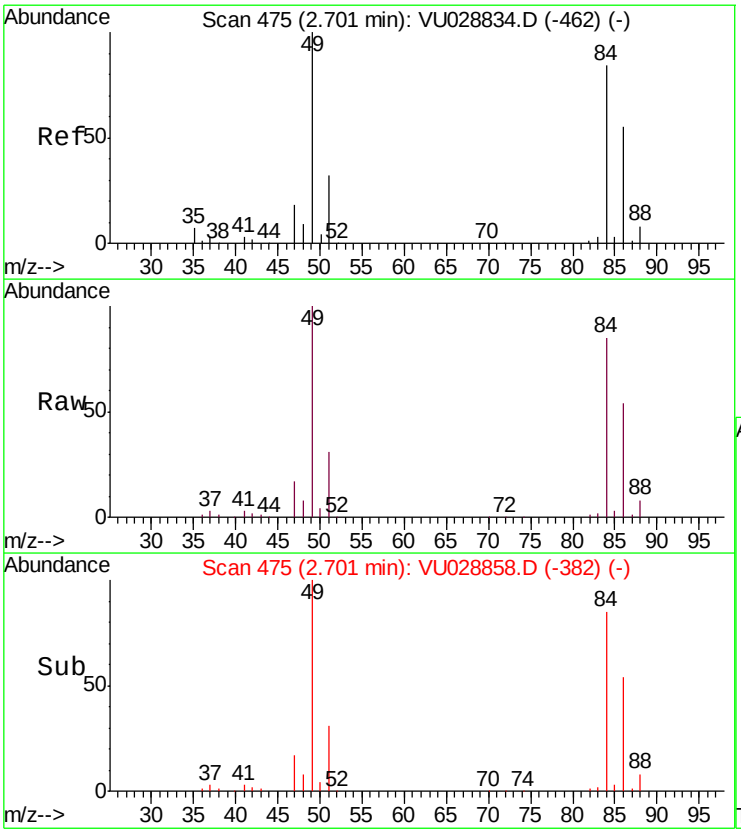
#15
Methyl Acetate
Concen: 48.682 ug/L
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Tgt Ion: 43 Resp: 98089

Ion	Ratio	Lower	Upper
43	100		
74	23.2	19.0	28.4

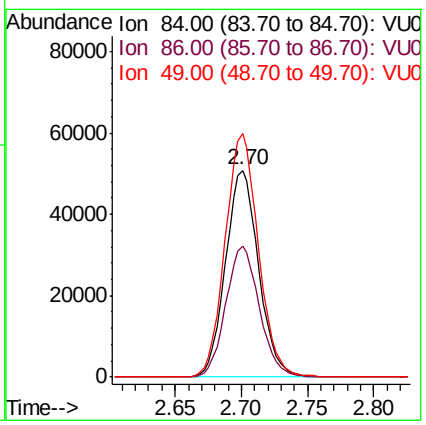


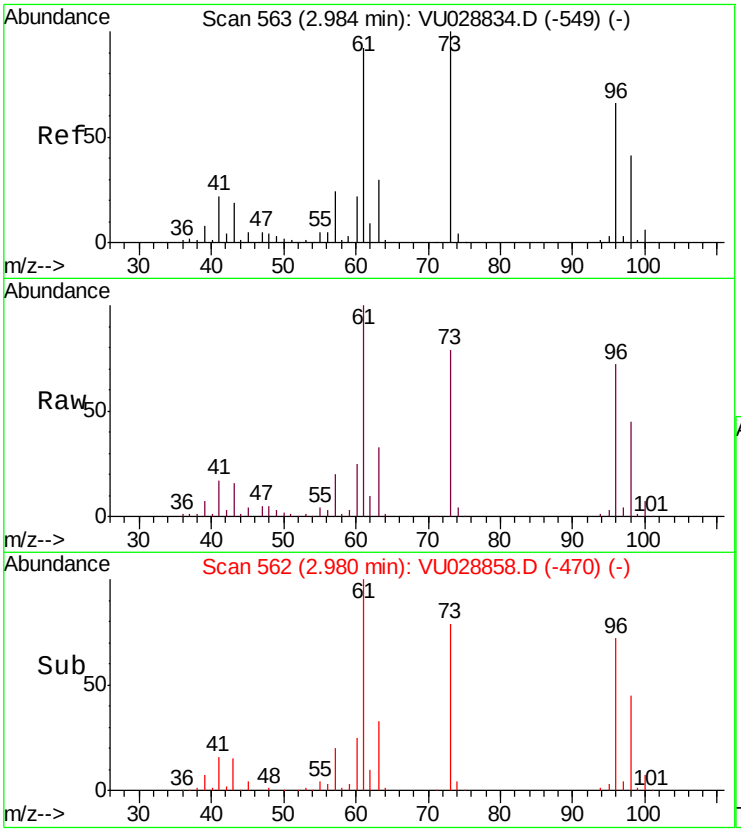


#16
Methylene chloride
Concen: 49.401 ug/L
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion: 84 Resp: 88195

Ion	Ratio	Lower	Upper
84	100		
86	63.1	44.9	83.3
49	117.6	83.9	155.7



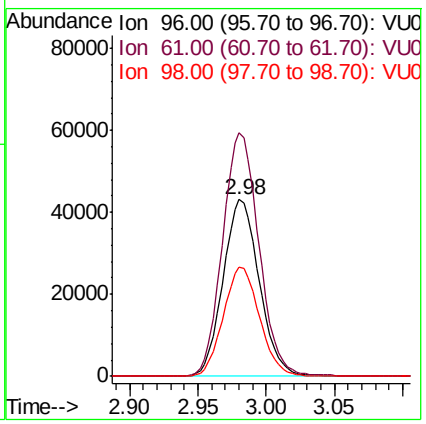


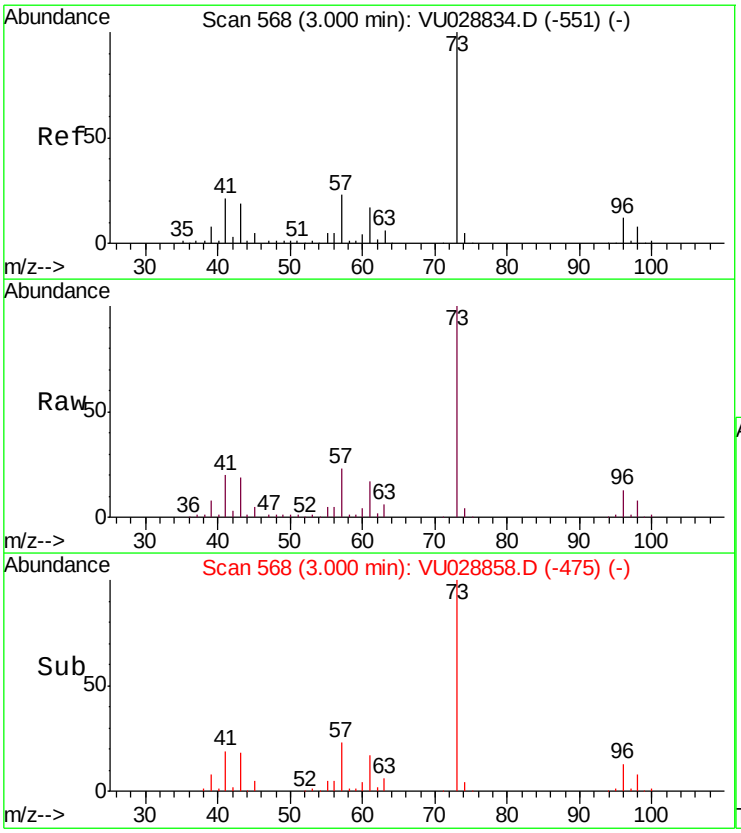
#17
trans-1,2-Dichloroethene
Concen: 50.775 ug/L
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 96 Resp: 79636

Ion	Ratio	Lower	Upper
96	100		
61	137.9	97.9	181.7
98	62.0	44.1	81.9

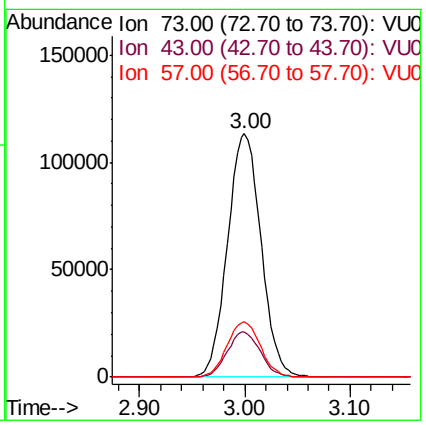


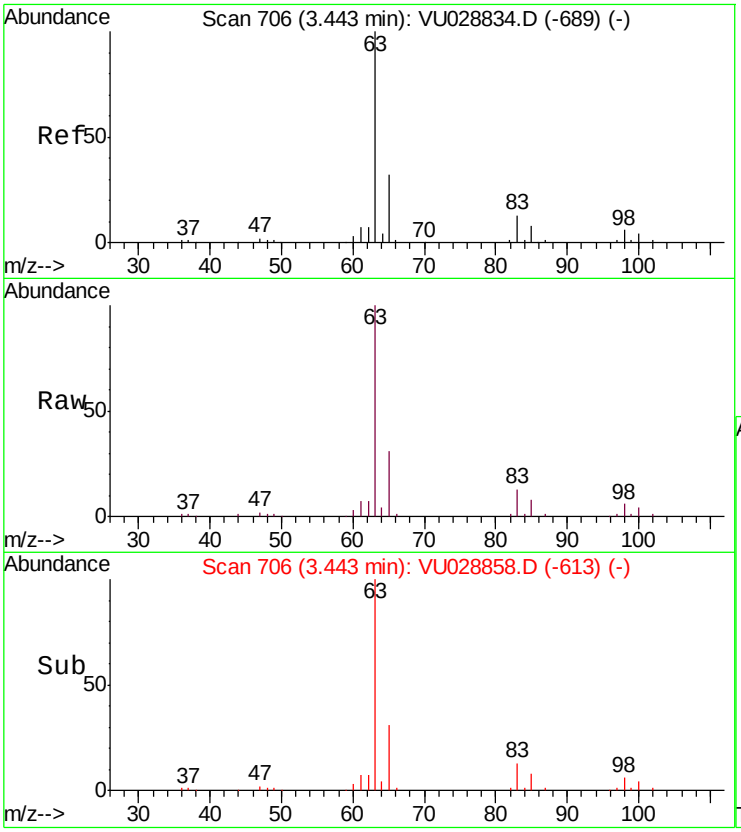


#18
Methyl tert-butyl Ether
Concen: 51.720 ug/L
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion: 73 Resp: 249437

Ion	Ratio	Lower	Upper
73	100		
43	18.4	15.3	22.9
57	22.9	19.0	28.4



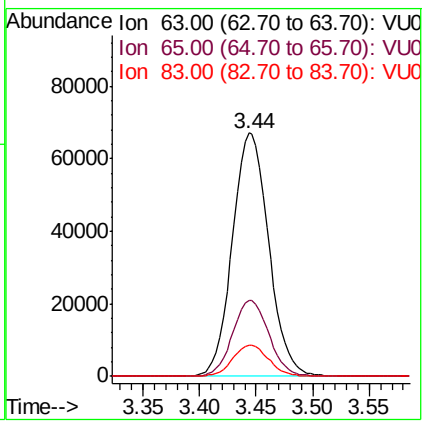


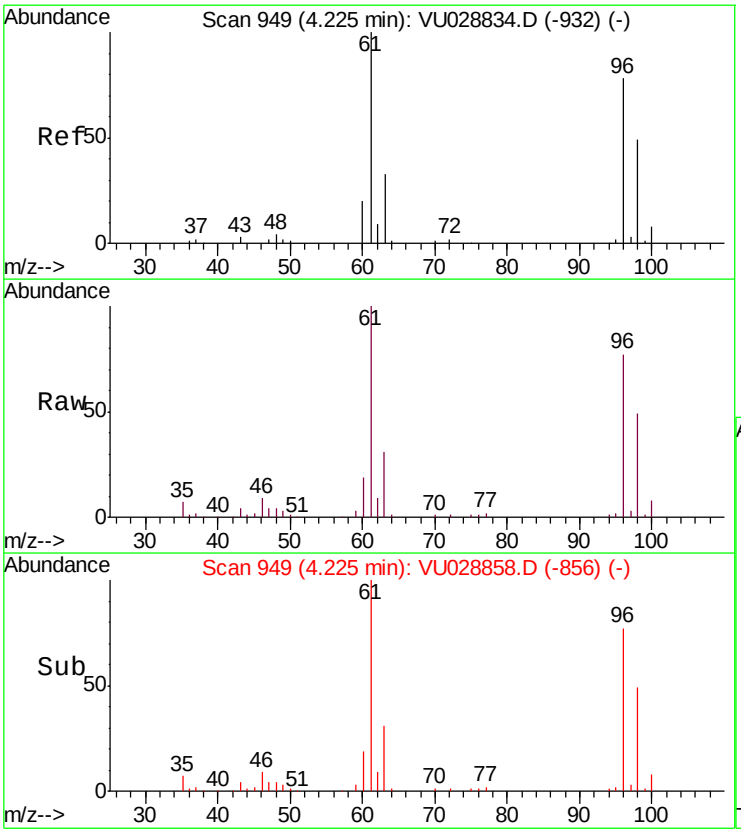
#19
1,1-Dichloroethane
Concen: 49.250 ug/L
RT: 3.44 min Scan# 706
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 63 Resp: 150156

Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.7	42.1
83	12.7	9.0	16.8

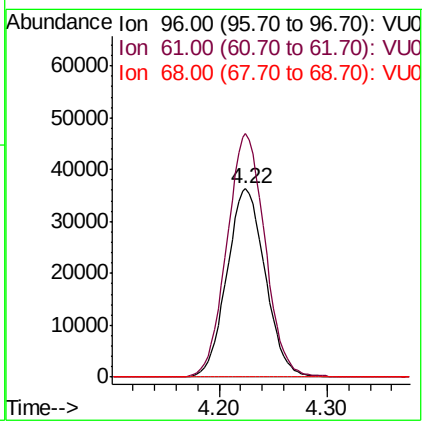


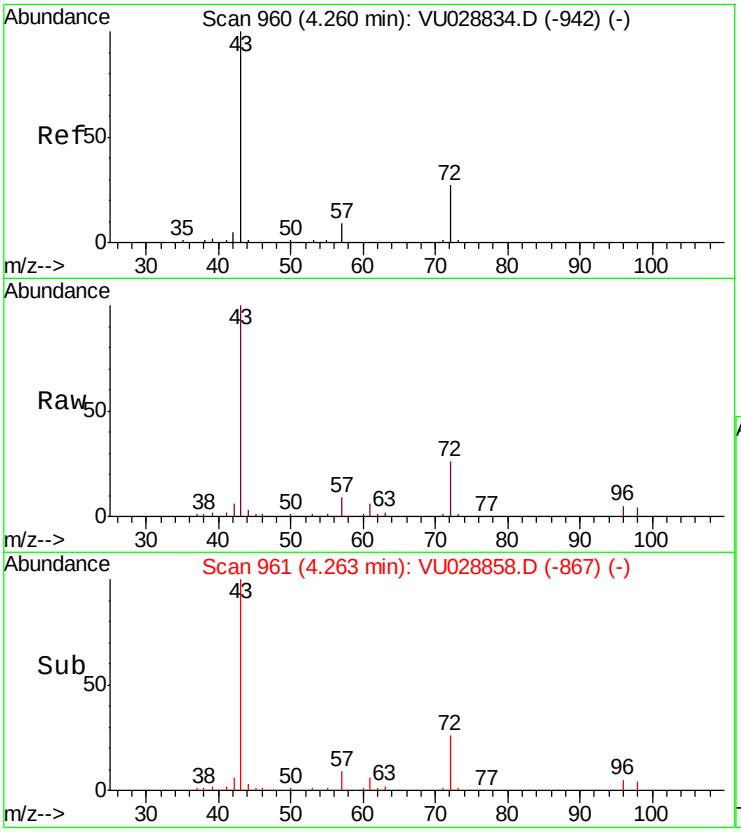


#20
cis-1,2-Dichloroethene
Concen: 50.518 ug/L
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion: 96 Resp: 89754

Ion	Ratio	Lower	Upper
96	100		
61	129.5	92.1	171.1
68	0.0	0.0	0.0



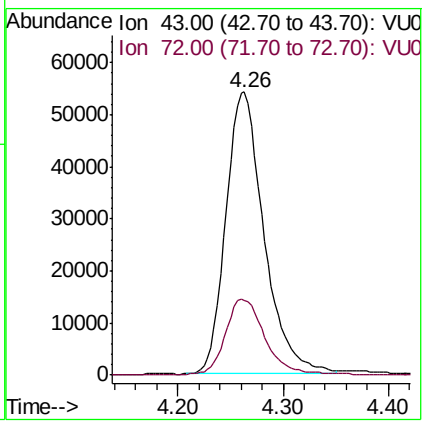


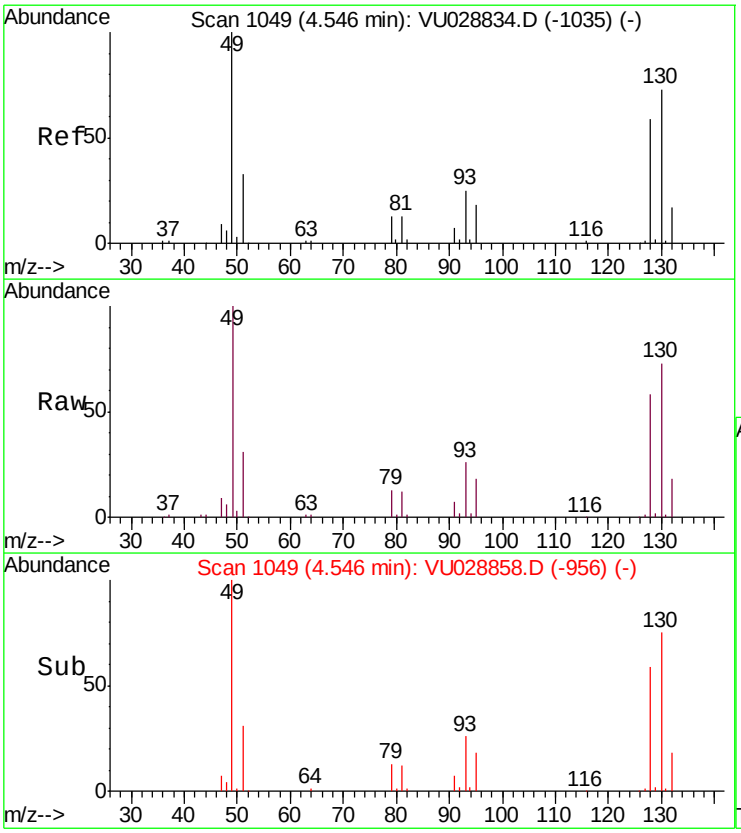
#22
2-Butanone
Concen: 86.508 ug/L
RT: 4.26 min Scan# 961
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 43 Resp: 136146

Ion	Ratio	Lower	Upper
43	100		
72	28.0	13.7	41.1

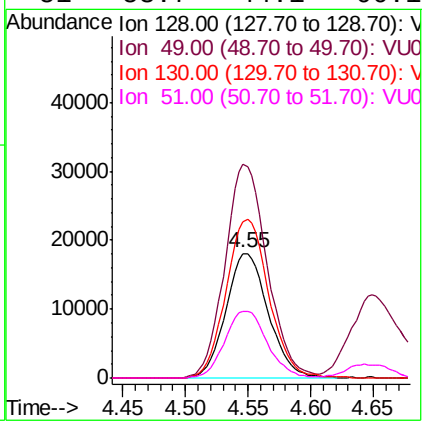


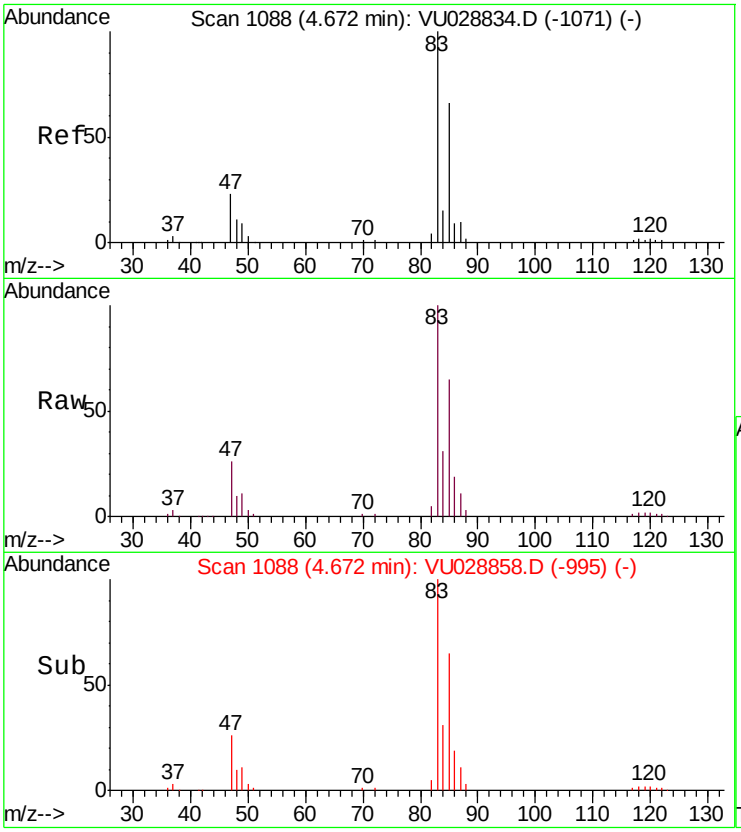


#23
Bromochloromethane
Concen: 50.003 ug/L
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion:128 Resp: 42351

Ion	Ratio	Lower	Upper
128	100		
49	171.8	123.0	228.4
130	126.1	86.5	160.7
51	53.7	44.1	66.1



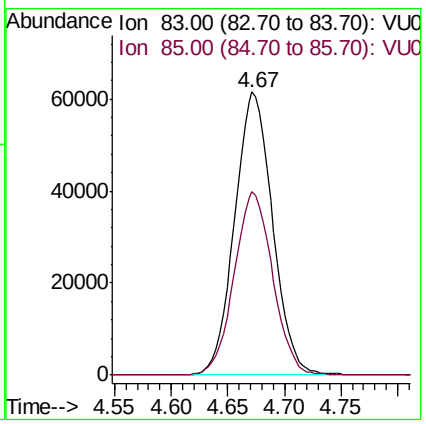


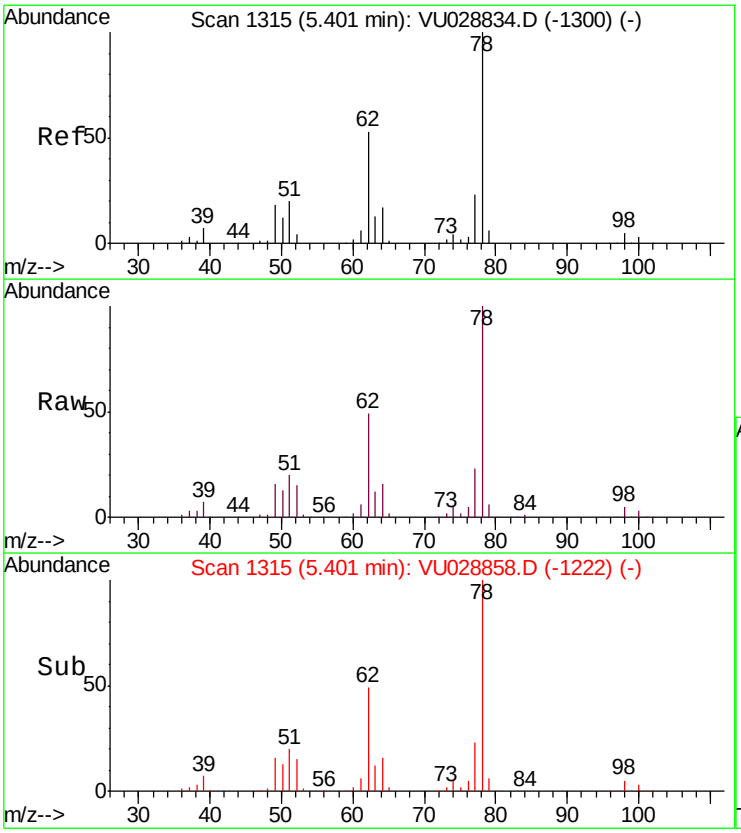
#25
Chloroform
Concen: 49.544 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 83 Resp: 143771

Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.6	84.6

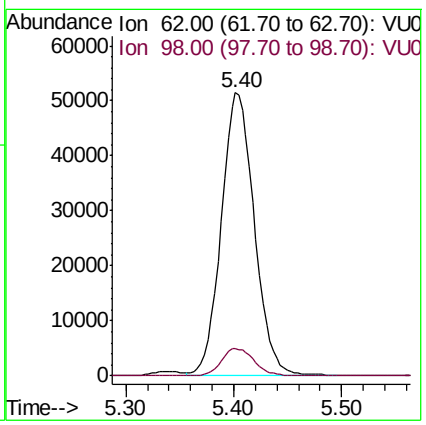


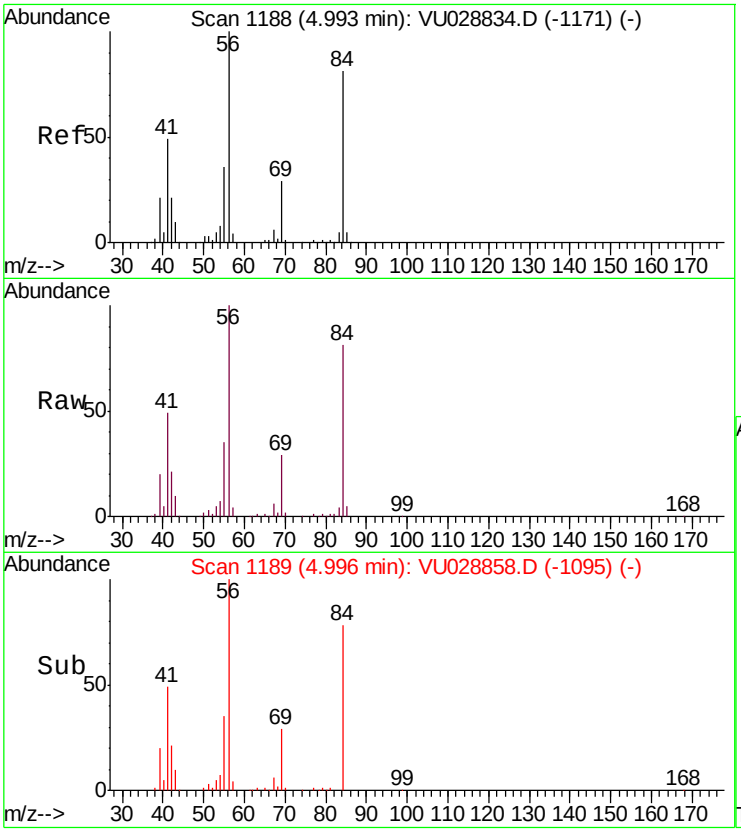


#27
1,2-Dichloroethane
Concen: 51.006 ug/L
RT: 5.40 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion: 62 Resp: 110001

Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.5	11.3



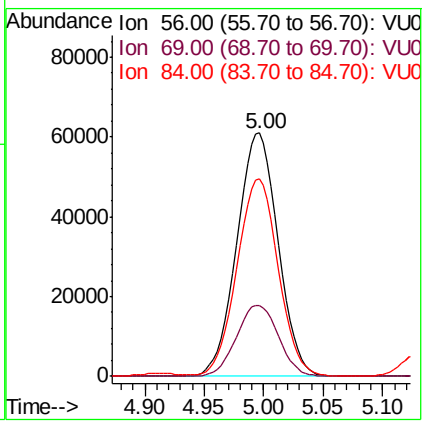


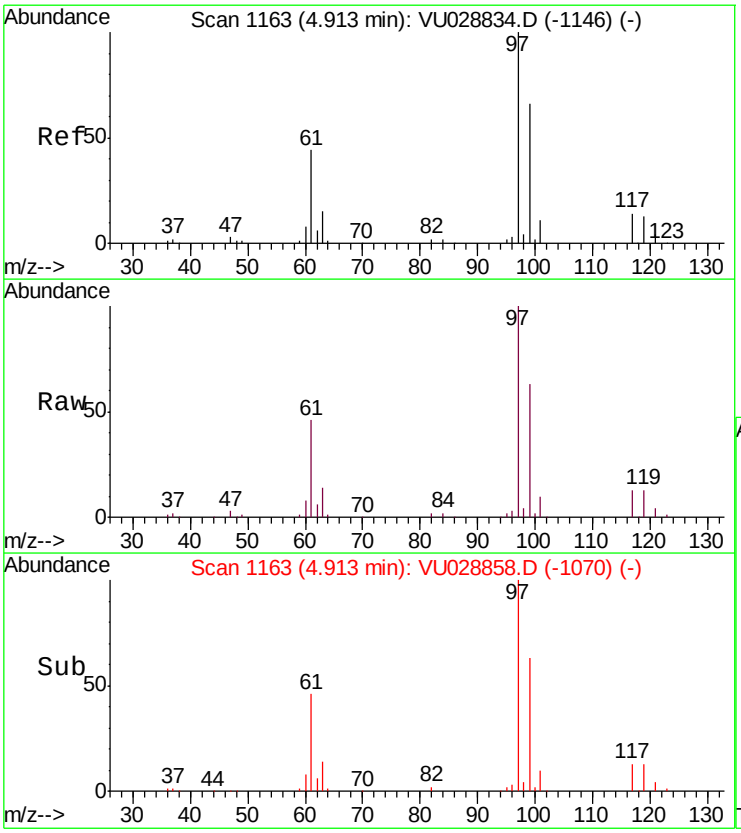
#29
Cyclohexane
Concen: 51.157 ug/L
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 56 Resp: 146309

Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.8	35.8
84	81.6	63.8	95.8

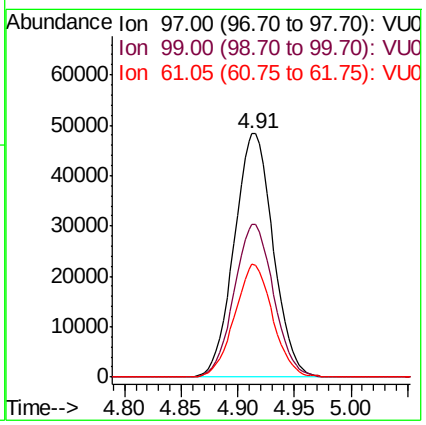


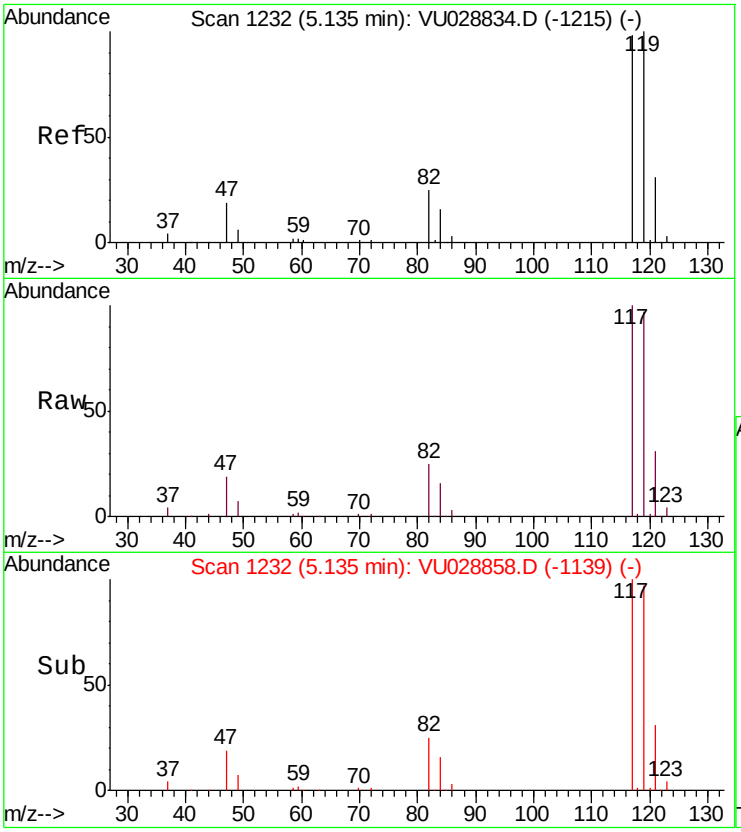


#30
1,1,1-Trichloroethane
Concen: 50.983 ug/L
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion: 97 Resp: 115955

Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.2	76.8
61	45.1	36.1	54.1



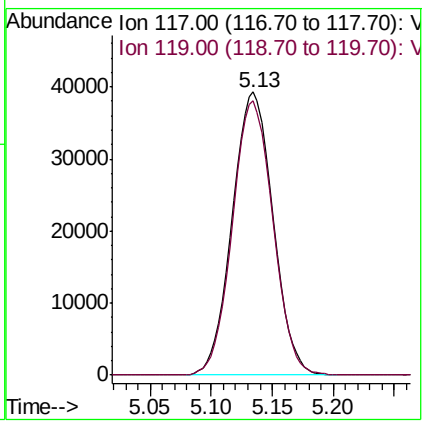


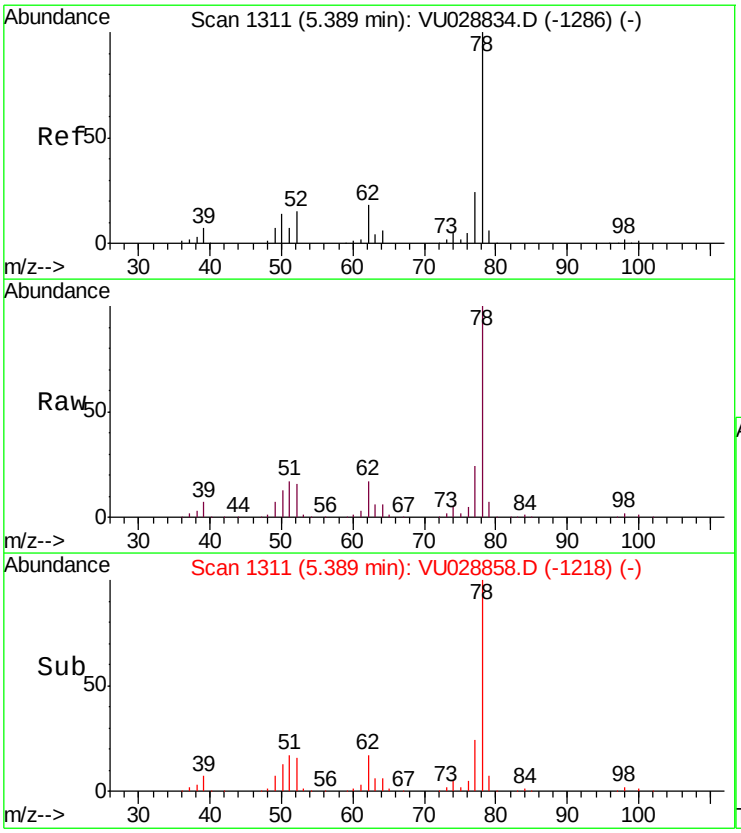
#31
Carbon tetrachloride
Concen: 49.591 ug/L
RT: 5.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Tgt Ion:117 Resp: 90954

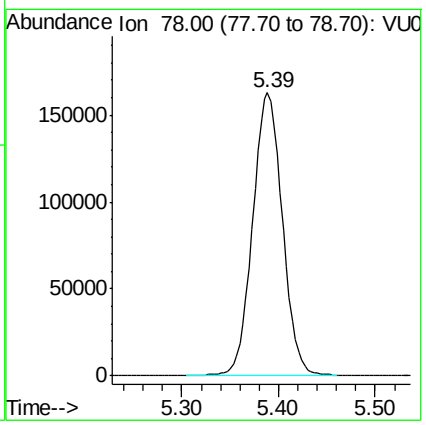
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.0	115.6

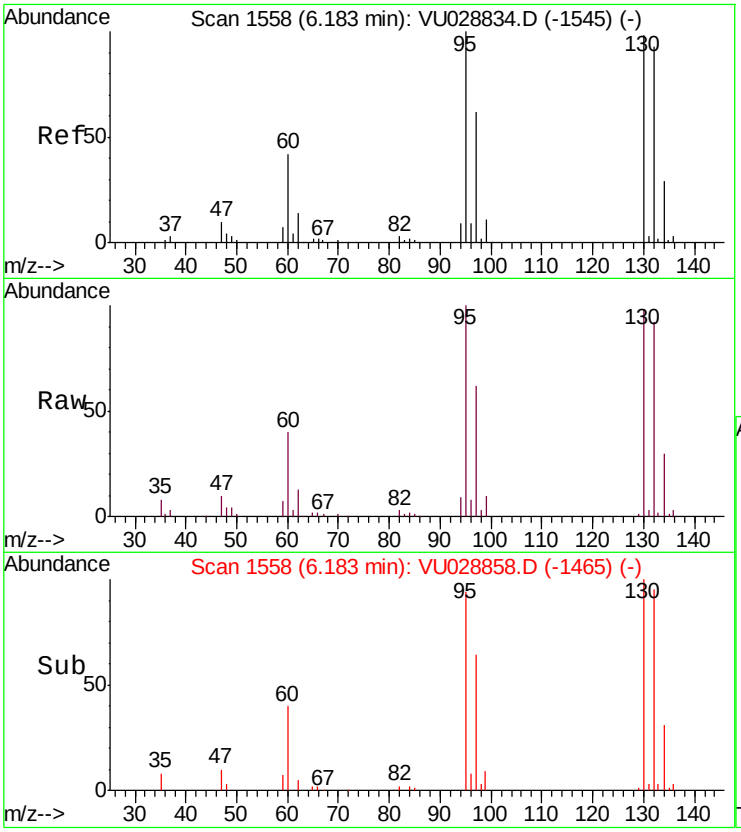




#33
Benzene
Concen: 50.931 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion: 78 Resp: 348422



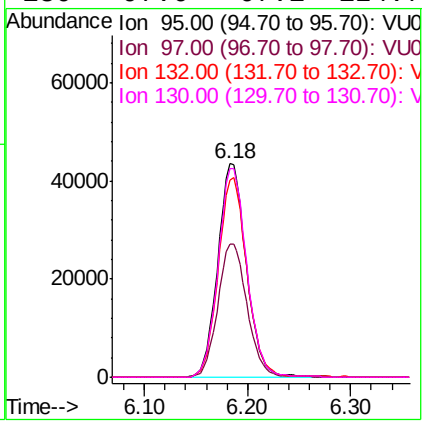


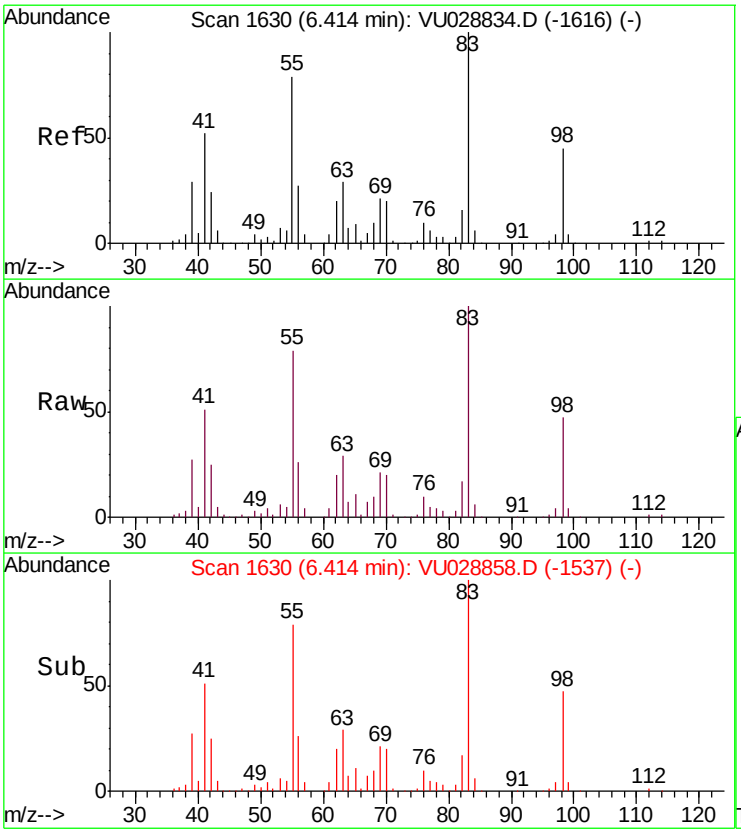
#34
Trichloroethene
Concen: 50.723 ug/L
RT: 6.18 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 95 Resp: 83774

Ion	Ratio	Lower	Upper
95	100		
97	62.3	43.3	80.3
132	92.3	64.2	119.2
130	97.6	67.1	124.7

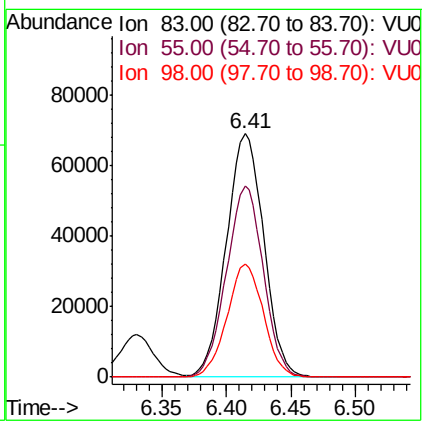


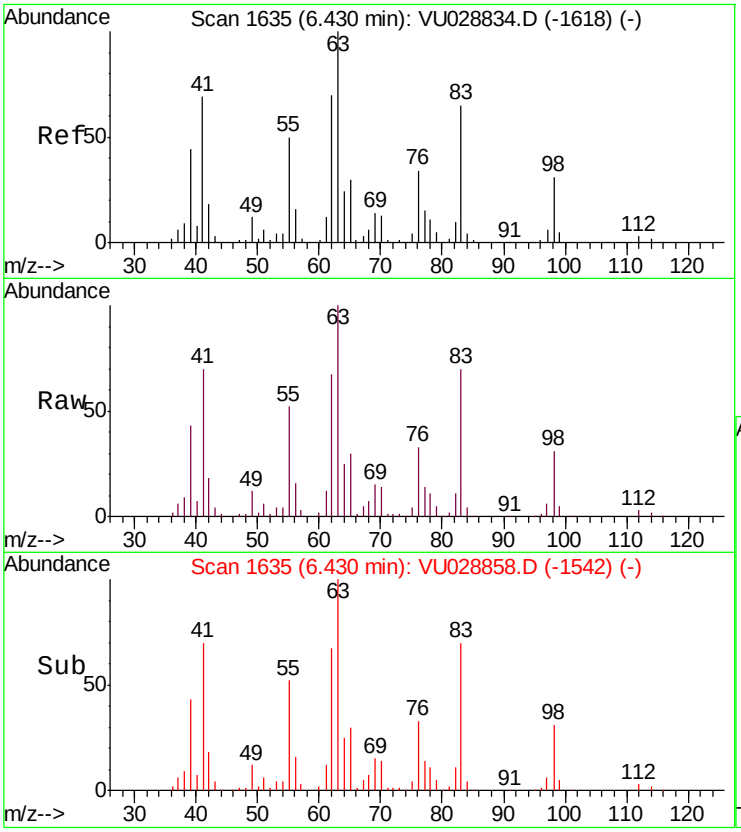


#35
Methylcyclohexane
Concen: 50.761 ug/L
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion: 83 Resp: 139632

Ion	Ratio	Lower	Upper
83	100		
55	77.4	63.7	95.5
98	44.9	35.6	53.4



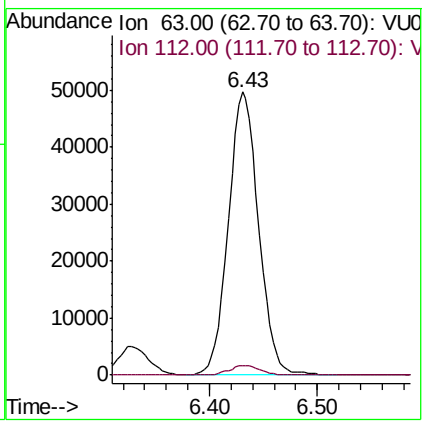


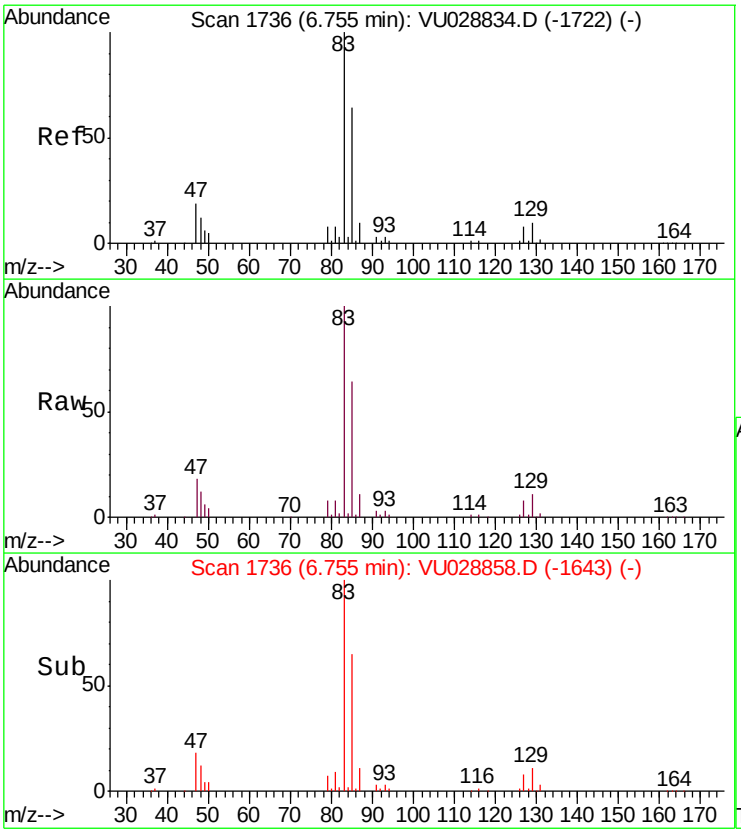
#37
1,2-Dichloropropane
Concen: 50.697 ug/L
RT: 6.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Tgt Ion: 63 Resp: 96950

Ion	Ratio	Lower	Upper
63	100		
112	3.4	2.7	4.1

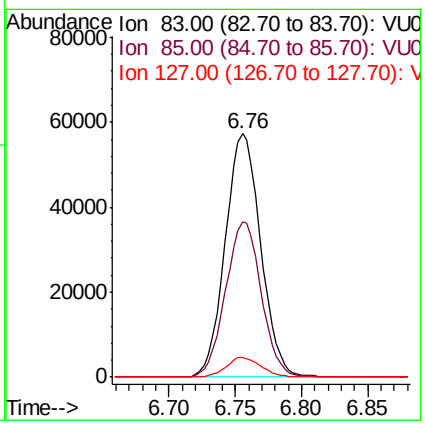


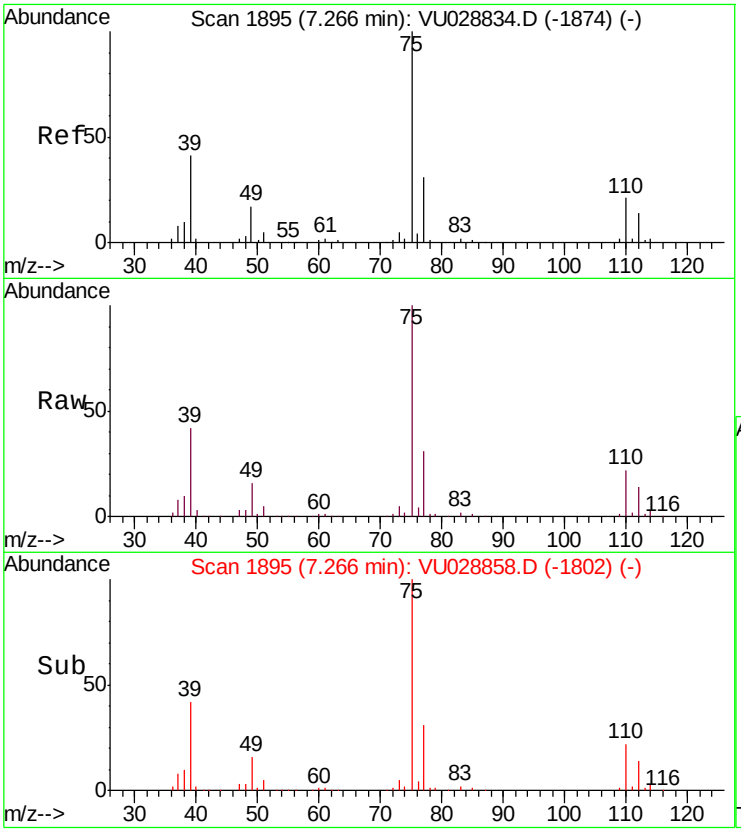


#38
Bromodichloromethane
Concen: 50.382 ug/L
RT: 6.76 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion: 83 Resp: 106694

Ion	Ratio	Lower	Upper
83	100		
85	63.8	45.4	84.2
127	8.1	6.2	9.2



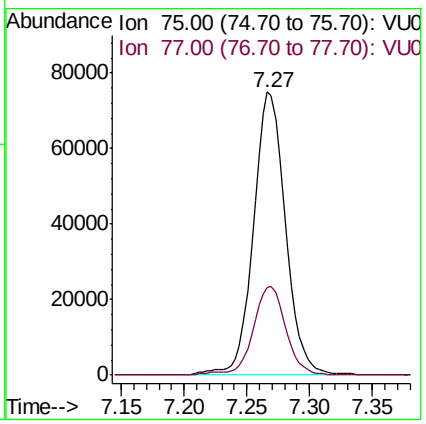


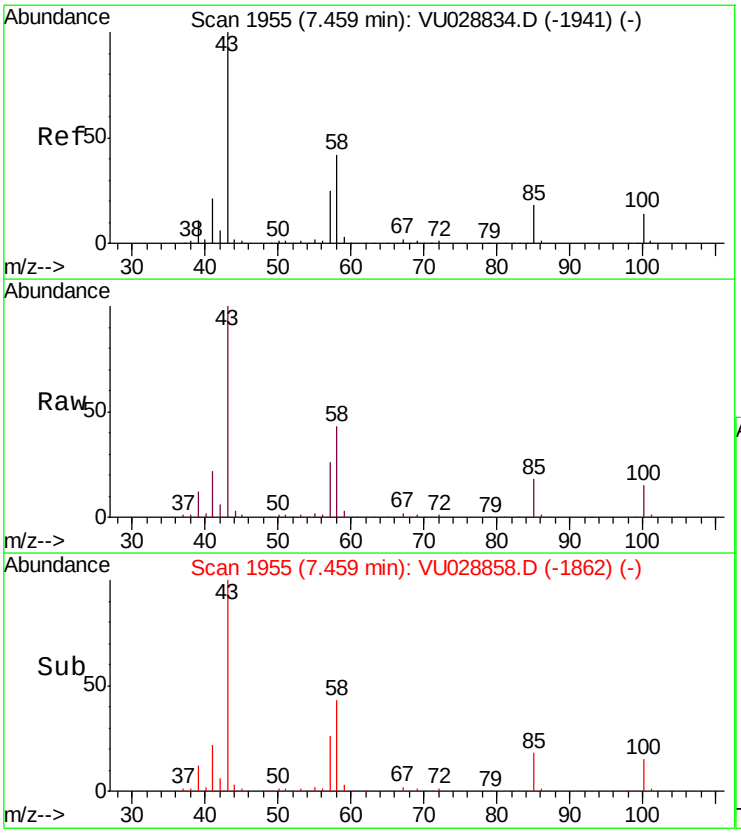
#39
cis-1,3-Dichloropropene
Concen: 48.932 ug/L
RT: 7.27 min Scan# 1895
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 75 Resp: 133405

Ion	Ratio	Lower	Upper
75	100		
77	31.0	21.8	40.6

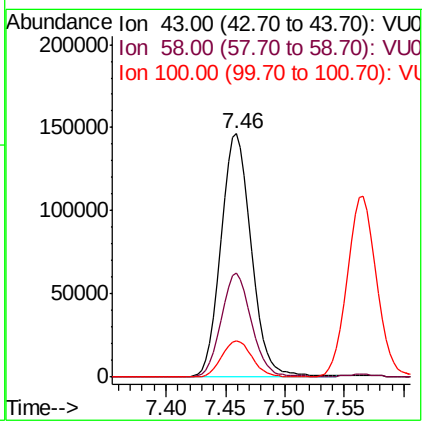


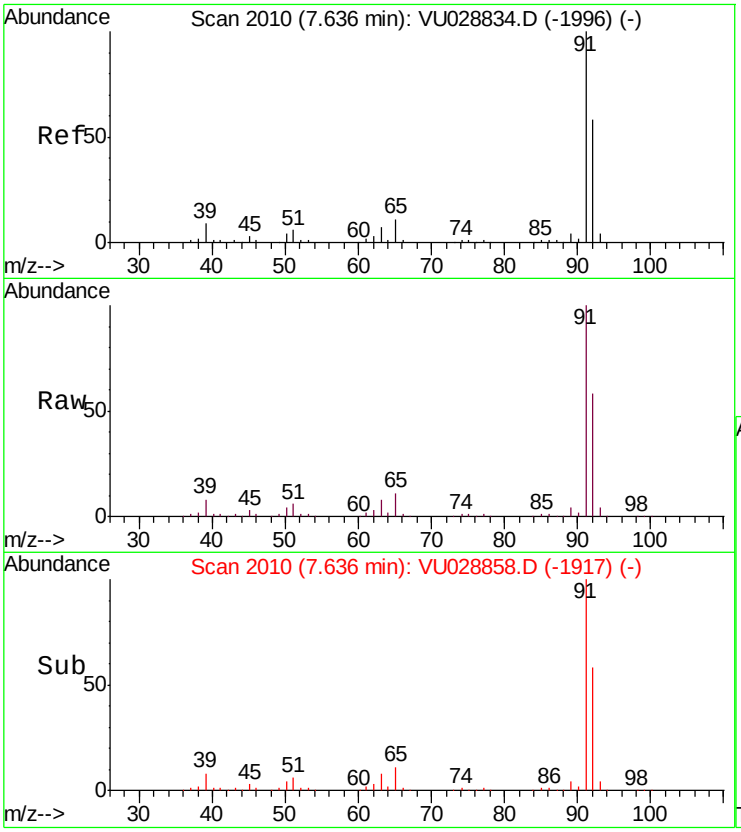


#40
4-Methyl-2-pentanone
Concen: 101.112 ug/L
RT: 7.46 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion: 43 Resp: 259896

Ion	Ratio	Lower	Upper
43	100		
58	42.5	33.1	49.7
100	14.9	11.5	17.3



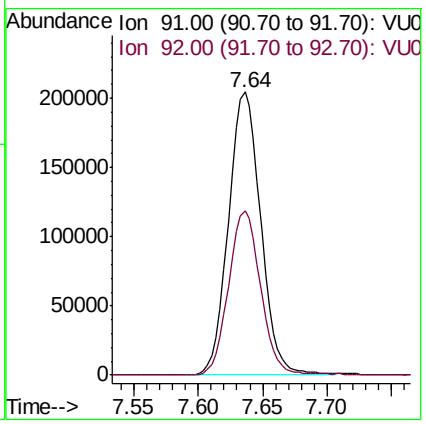


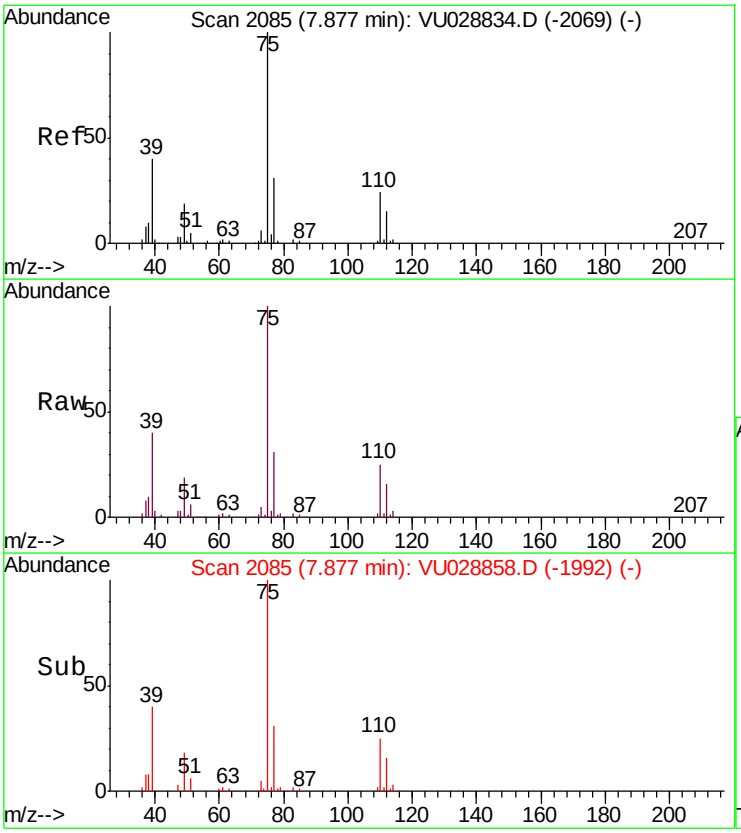
#42
Toluene
Concen: 51.396 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Tgt Ion: 91 Resp: 356415

Ion	Ratio	Lower	Upper
91	100		
92	58.0	39.9	74.1

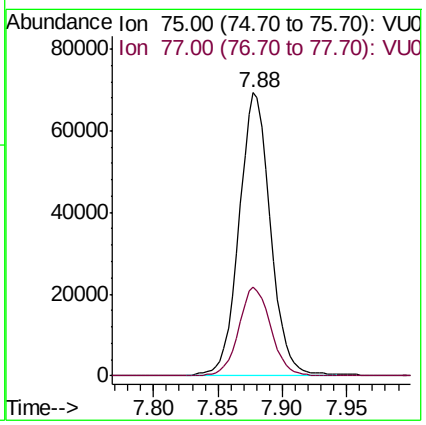


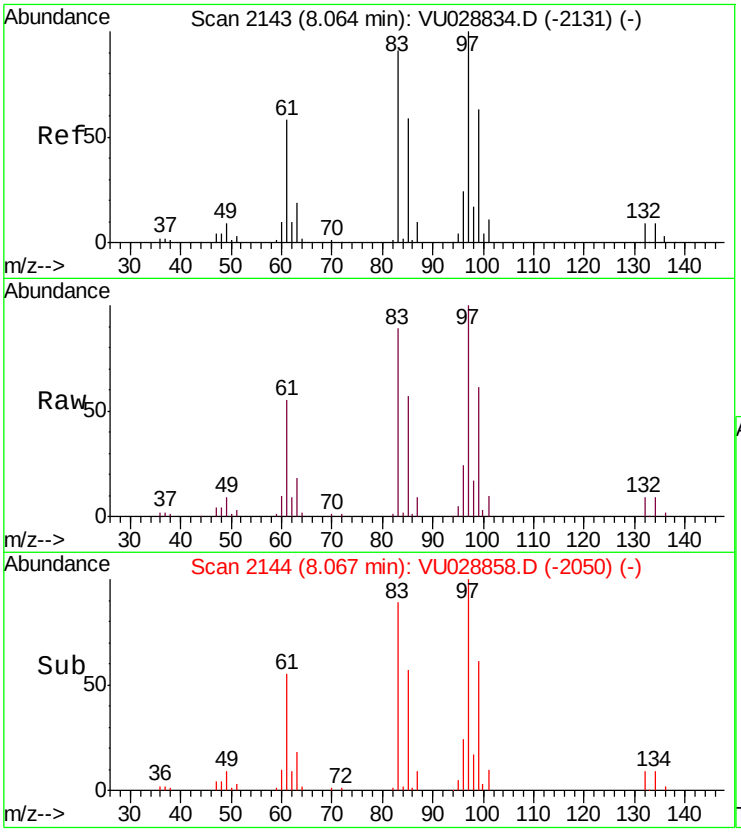


#44
trans-1,3-Dichloropropene
Concen: 48.412 ug/L
RT: 7.88 min Scan# 2085
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion: 75 Resp: 117653

Ion	Ratio	Lower	Upper
75	100		
77	31.3	21.8	40.6



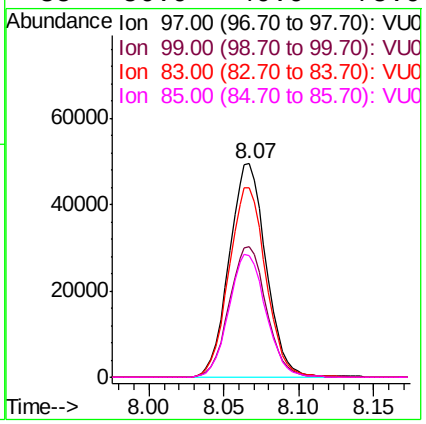


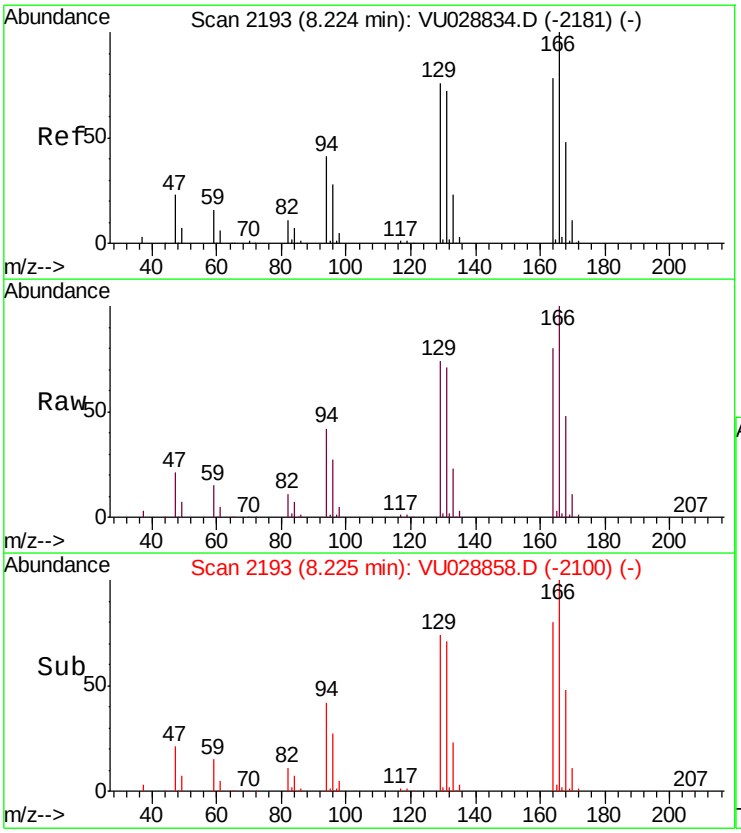
#45
1,1,2-Trichloroethane
Concen: 51.727 ug/L
RT: 8.07 min Scan# 2144
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 97 Resp: 84577

Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.2	82.2
83	88.9	64.5	119.9
85	56.9	40.9	75.9

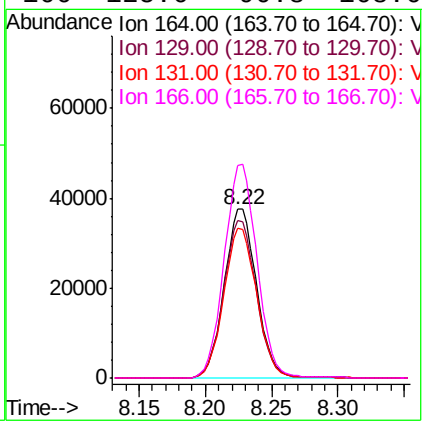


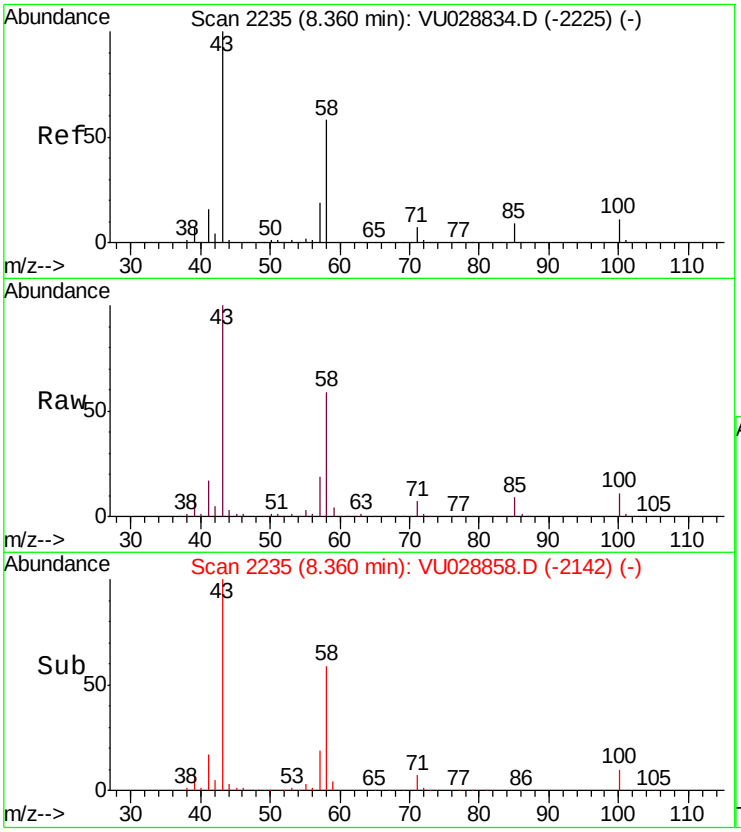


#46
Tetrachloroethene
Concen: 50.062 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion:164 Resp: 63679

Ion	Ratio	Lower	Upper
164	100		
129	93.4	66.8	124.0
131	89.1	64.2	119.2
166	125.6	90.8	168.6



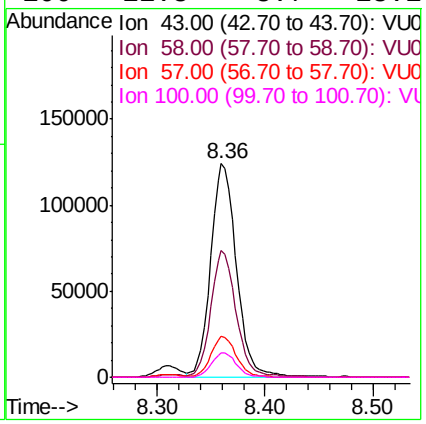


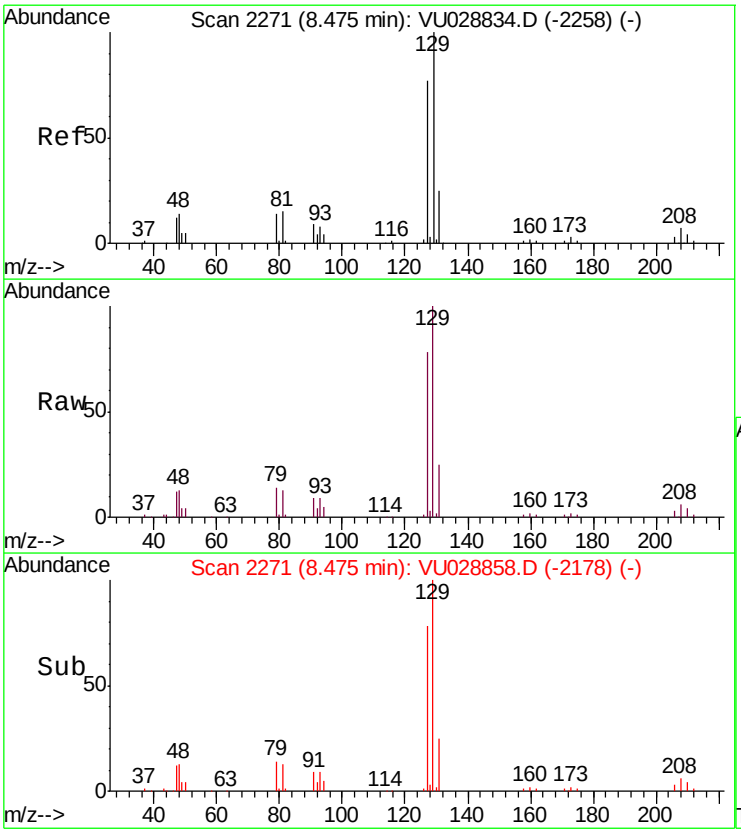
#48
2-Hexanone
Concen: 97.598 ug/L
RT: 8.36 min Scan# 2235
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Tgt Ion: 43 Resp: 205897

Ion	Ratio	Lower	Upper
43	100		
58	57.8	45.9	68.9
57	18.8	15.0	22.4
100	11.3	8.7	13.1

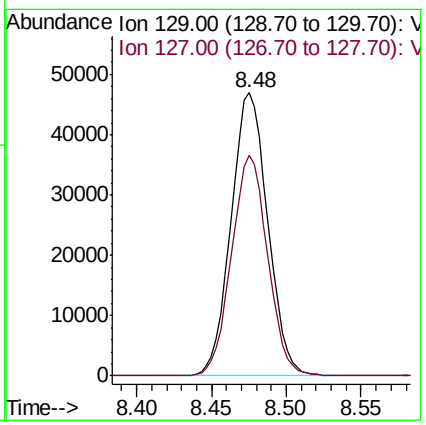


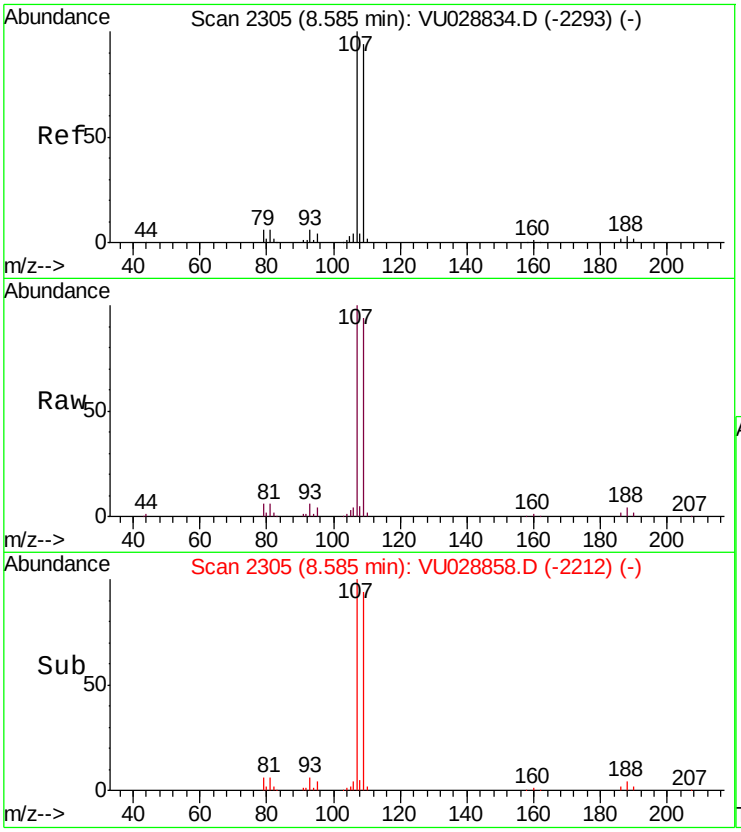


#49
Dibromochloromethane
Concen: 49.233 ug/L
RT: 8.48 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion:129 Resp: 80183

Ion	Ratio	Lower	Upper
129	100		
127	78.1	54.1	100.5



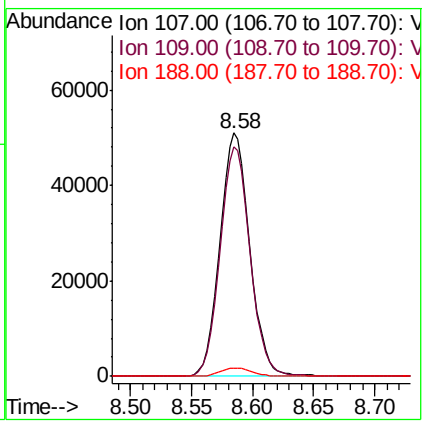


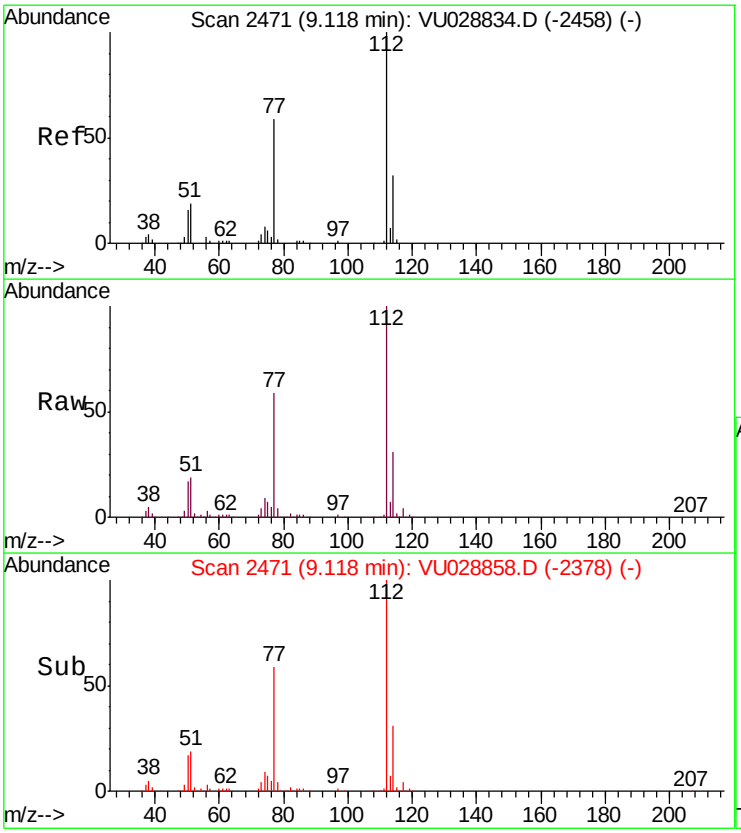
#50
1,2-Dibromoethane
Concen: 51.558 ug/L
RT: 8.58 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion:107 Resp: 87709

Ion	Ratio	Lower	Upper
107	100		
109	94.3	66.0	122.6
188	3.5	3.1	4.7

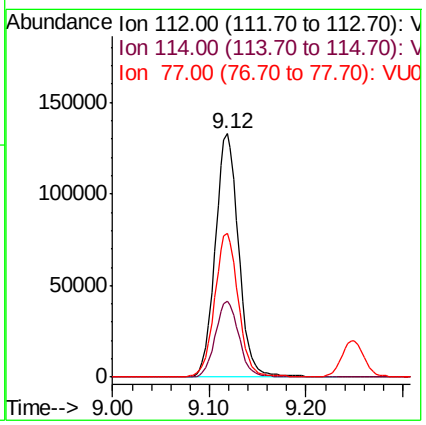


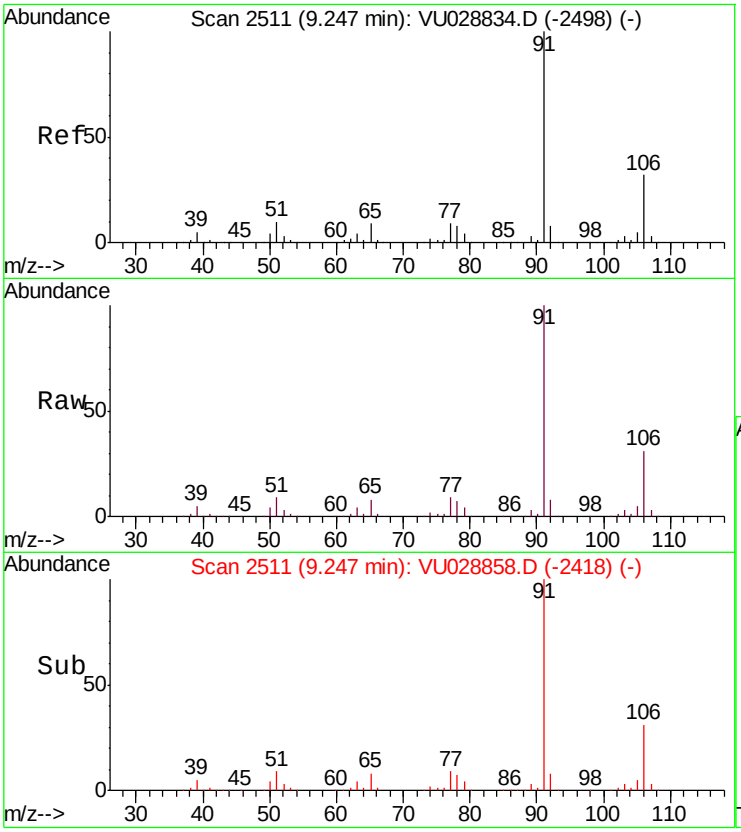


#51
Chlorobenzene
Concen: 50.991 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion:112 Resp: 222858

Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.2	41.2
77	59.2	47.8	71.8



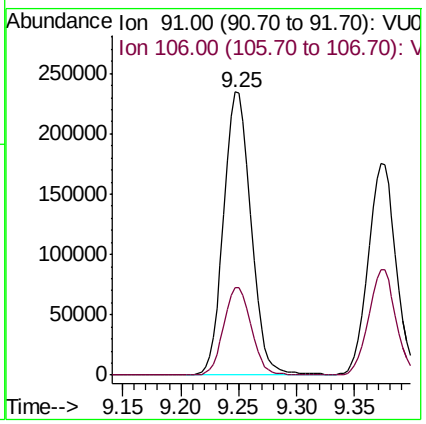


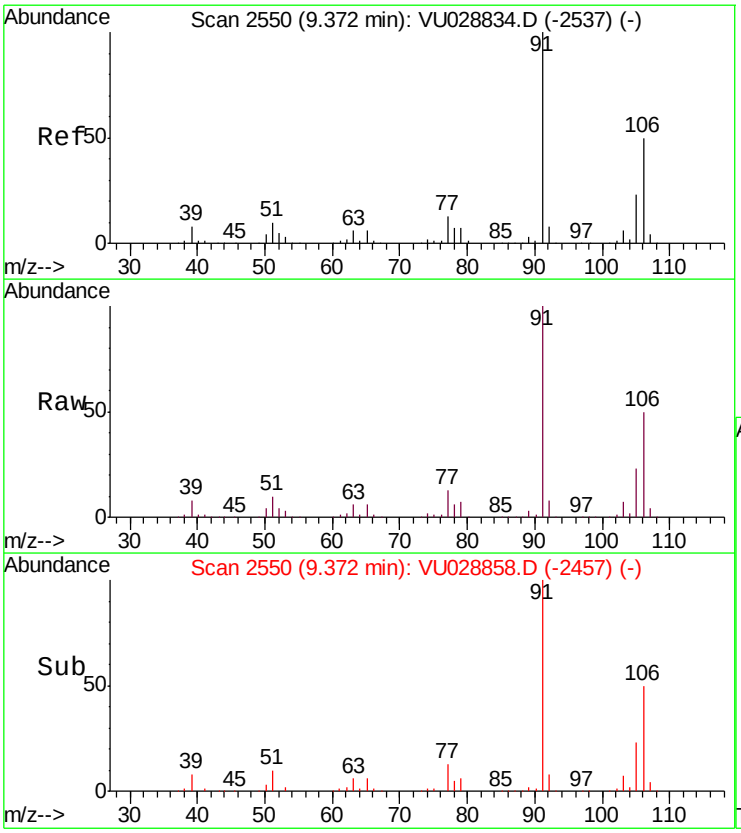
#52
Ethylbenzene
Concen: 51.488 ug/L
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 91 Resp: 383664

Ion	Ratio	Lower	Upper
91	100		
106	30.9	20.9	38.9

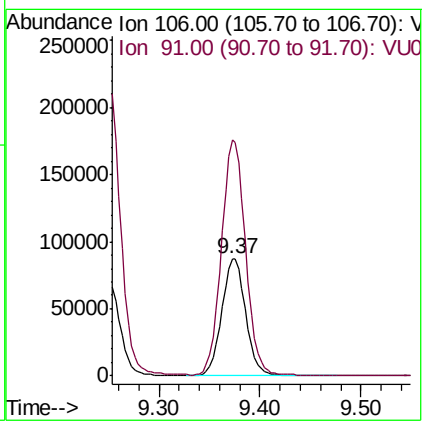


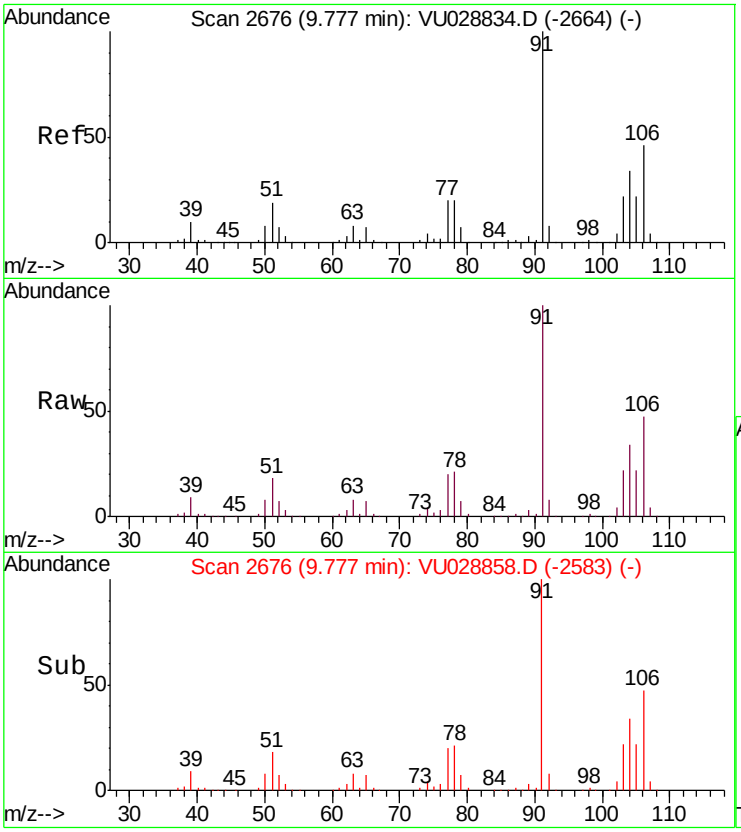


#53
m,p-Xylene
Concen: 52.912 ug/L
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion:106 Resp: 145796

Ion	Ratio	Lower	Upper
106	100		
91	200.9	144.1	267.5



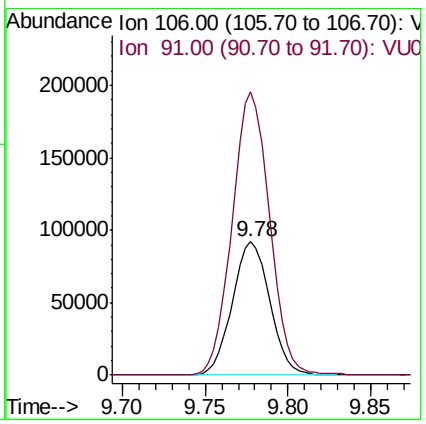


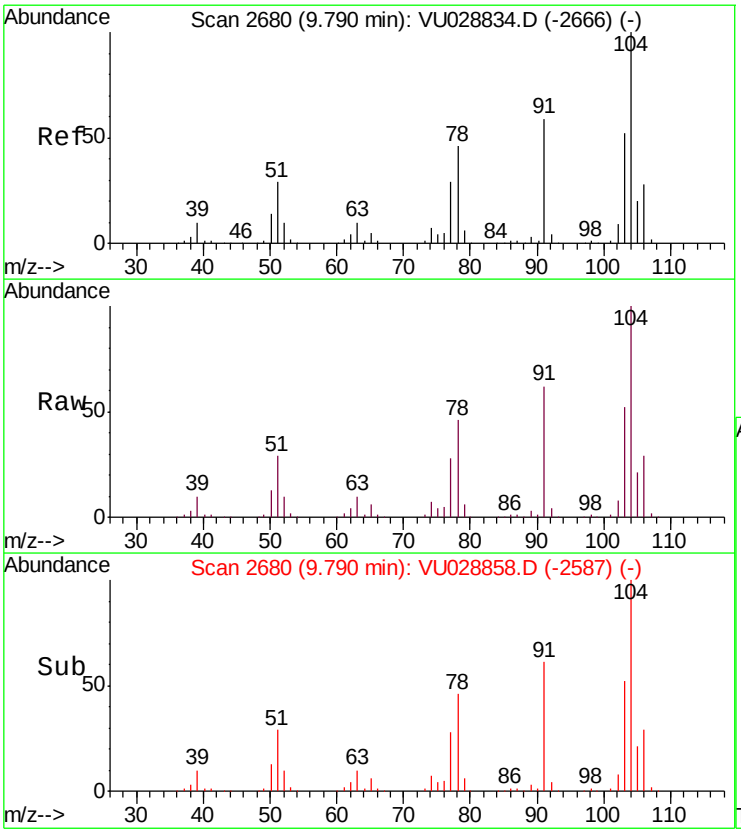
#54
o-xylene
Concen: 52.608 ug/L
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion:106 Resp: 145286

Ion	Ratio	Lower	Upper
106	100		
91	212.8	150.4	279.4

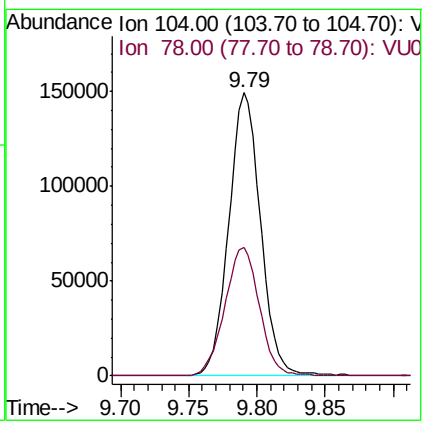


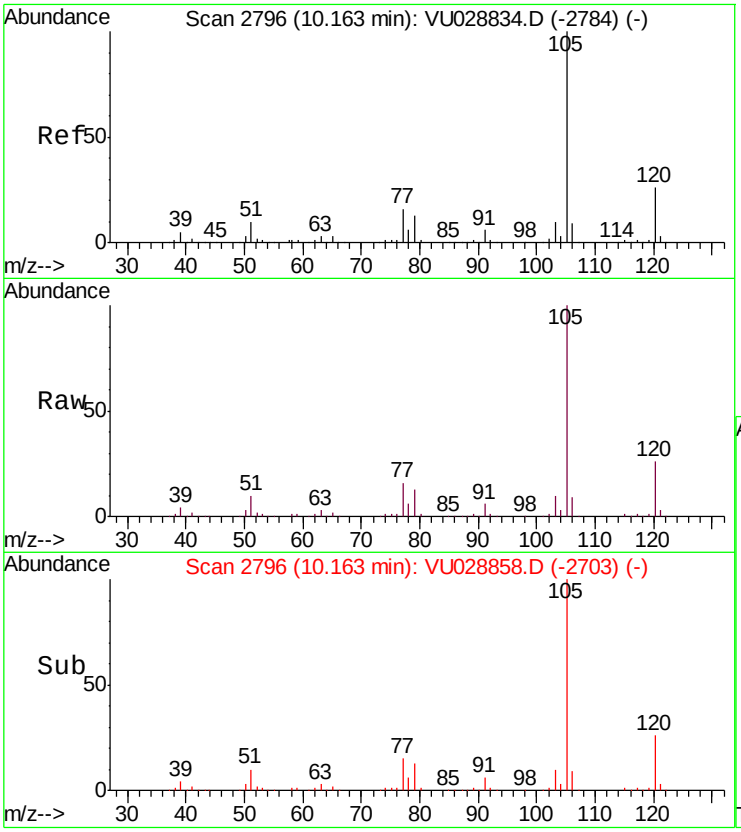


#55
Styrene
Concen: 51.664 ug/L
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion:104 Resp: 241645

Ion	Ratio	Lower	Upper
104	100		
78	45.5	31.3	58.1



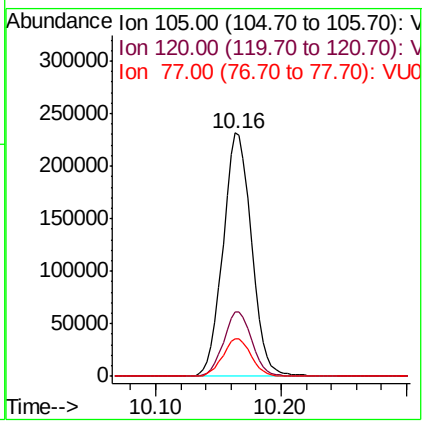


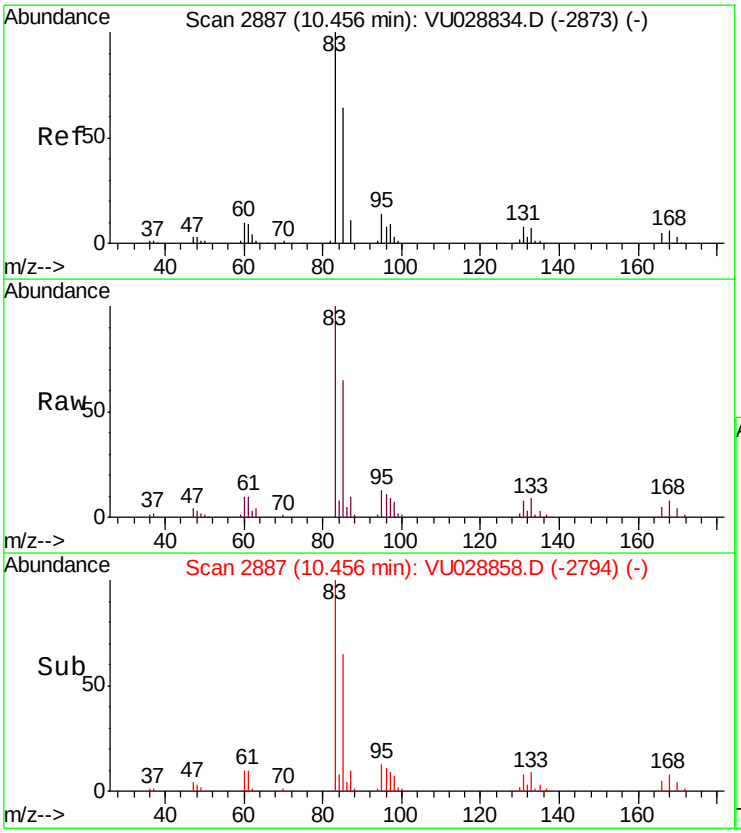
#56
Isopropylbenzene
Concen: 52.014 ug/L
RT: 10.16 min Scan# 2796
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument : MSVOA_U
ClientSampleId : VSTD05042

Tgt Ion:105 Resp: 364396

Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.4	32.2
77	15.5	12.3	18.5

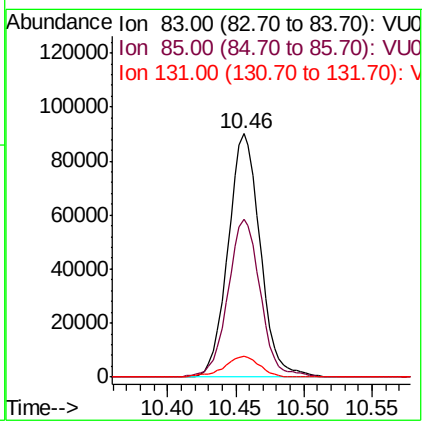


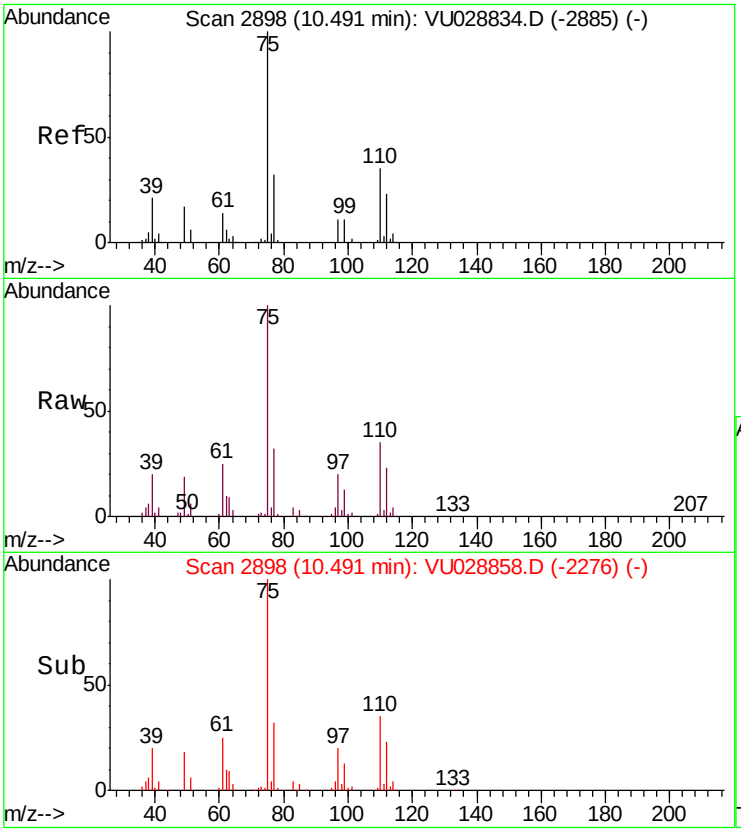


#58
1,1,2,2-Tetrachloroethane
Concen: 49.558 ug/L
RT: 10.46 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion: 83 Resp: 147204

Ion	Ratio	Lower	Upper
83	100		
85	64.9	45.3	84.1
131	8.5	6.7	10.1



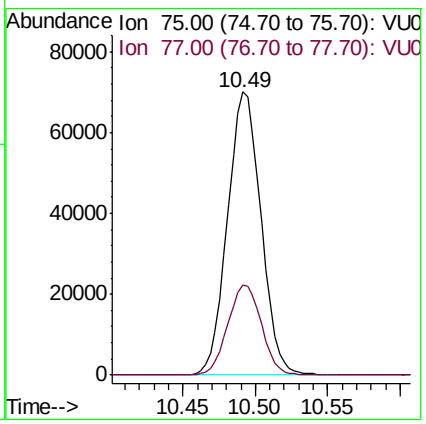


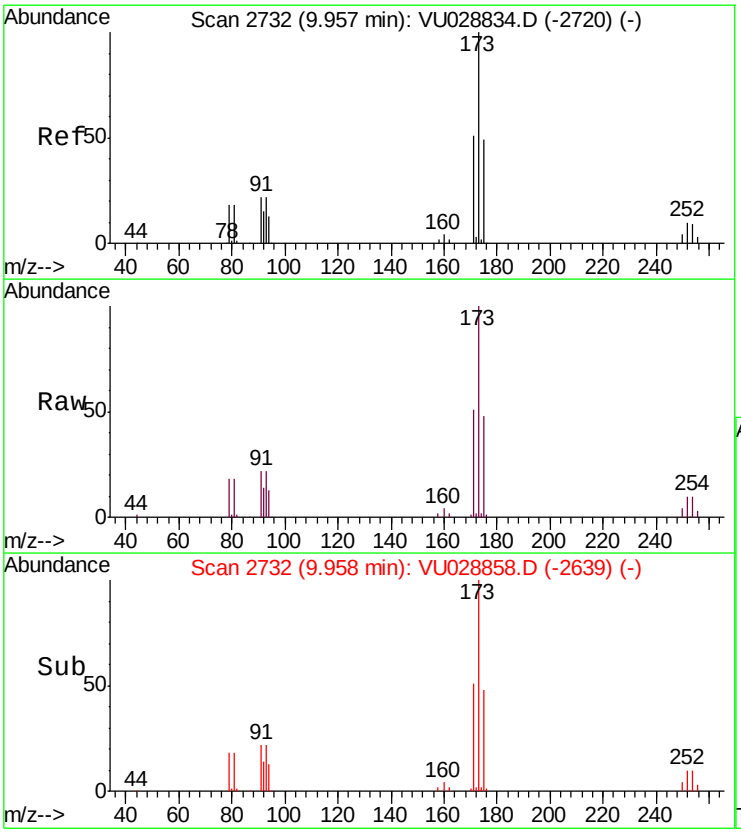
#59
1,2,3-Trichloropropane
Concen: 49.301 ug/L
RT: 10.49 min Scan# 2898
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion: 75 Resp: 112510

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.5	38.3

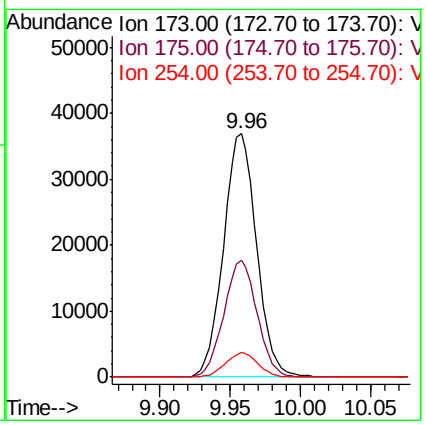


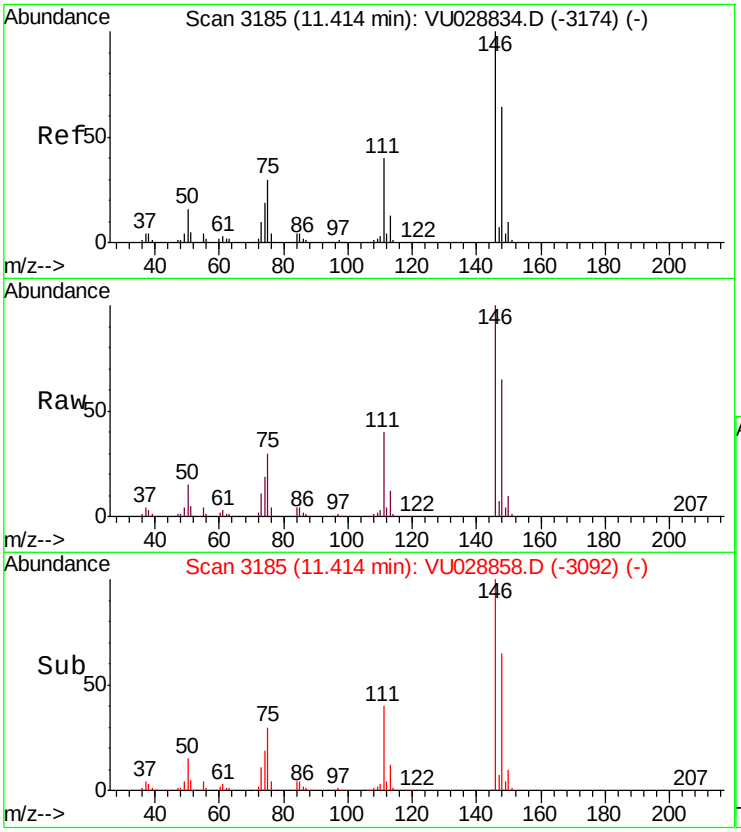


#61
Bromoform
Concen: 48.637 ug/L
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion:173 Resp: 60481

Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.9	58.3
254	9.8	7.8	11.8



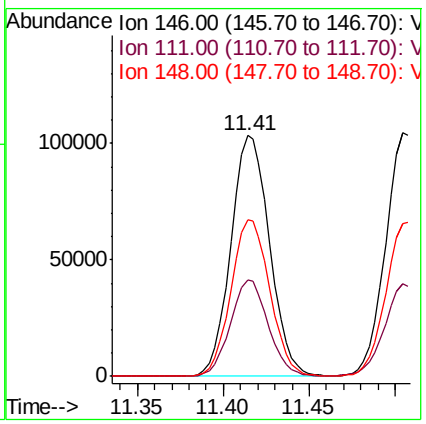


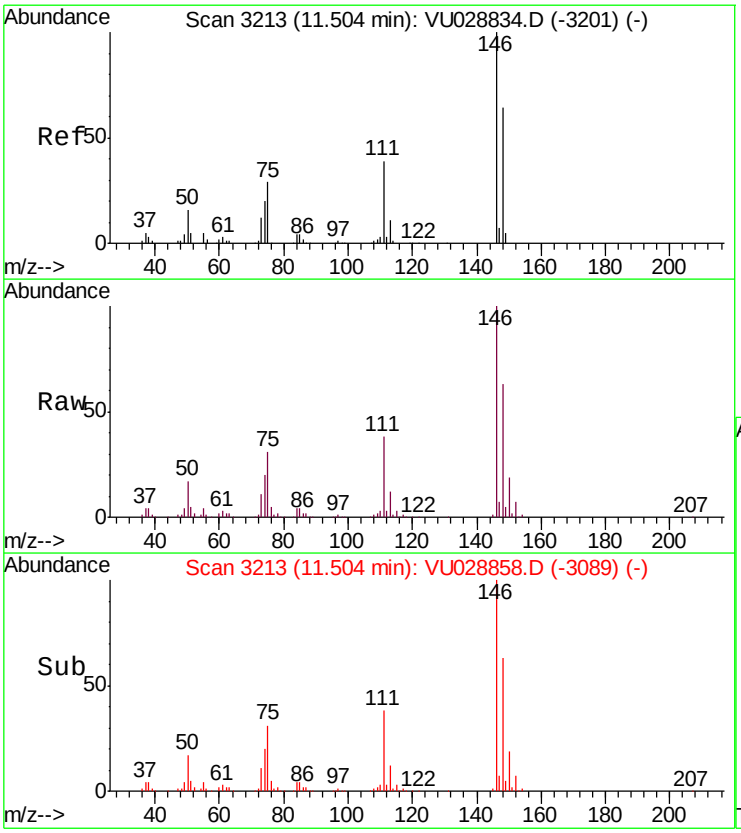
#62
1,3-Dichlorobenzene
Concen: 50.911 ug/L
RT: 11.41 min Scan# 3185
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion:146 Resp: 162231

Ion	Ratio	Lower	Upper
146	100		
111	40.3	27.4	50.8
148	65.1	44.2	82.2

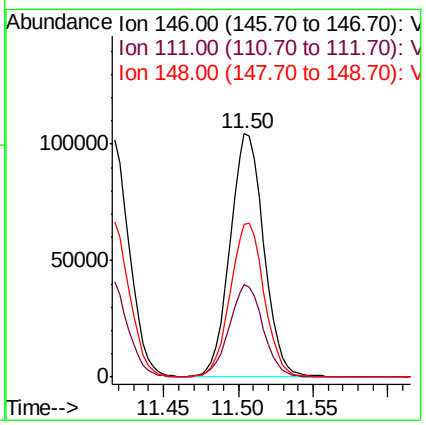


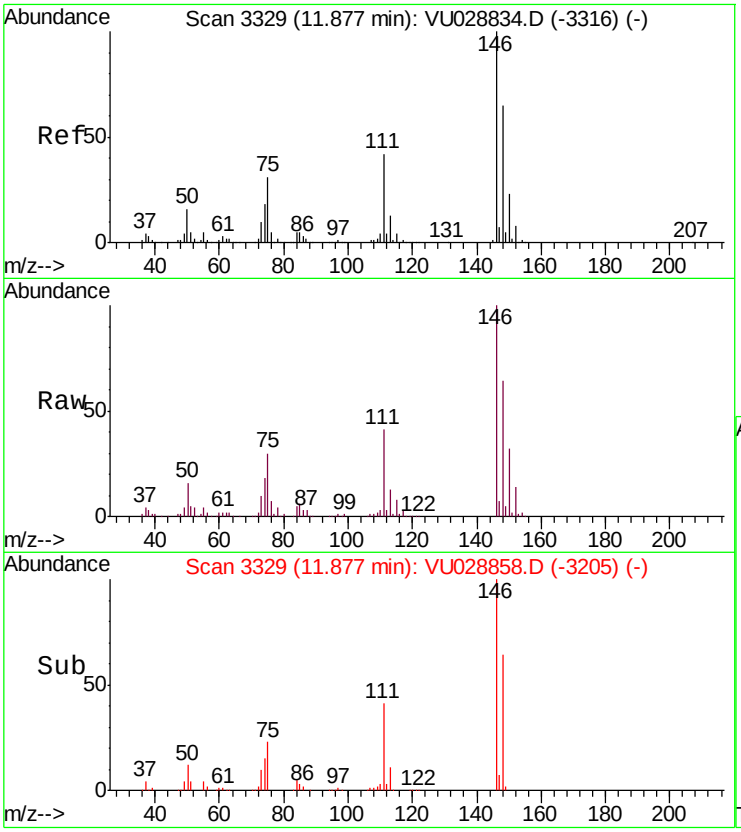


#63
1,4-Dichlorobenzene
Concen: 49.763 ug/L
RT: 11.50 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion:146 Resp: 163373

Ion	Ratio	Lower	Upper
146	100		
111	37.9	26.5	49.1
148	63.0	45.1	83.9



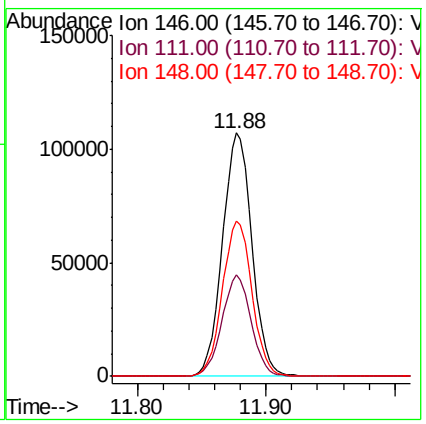


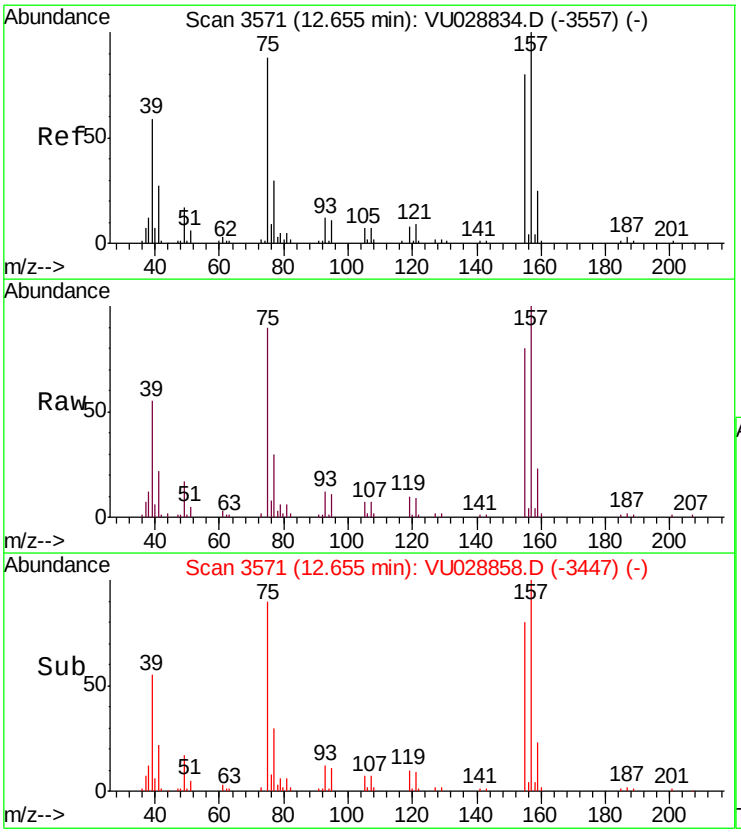
#65
1,2-Dichlorobenzene
Concen: 51.046 ug/L
RT: 11.88 min Scan# 3329
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion:146 Resp: 169682

Ion	Ratio	Lower	Upper
146	100		
111	41.5	32.1	48.1
148	63.9	49.7	74.5

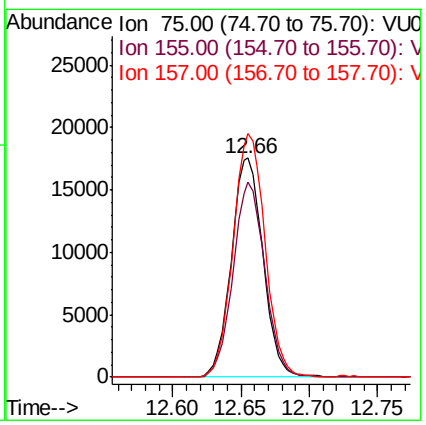


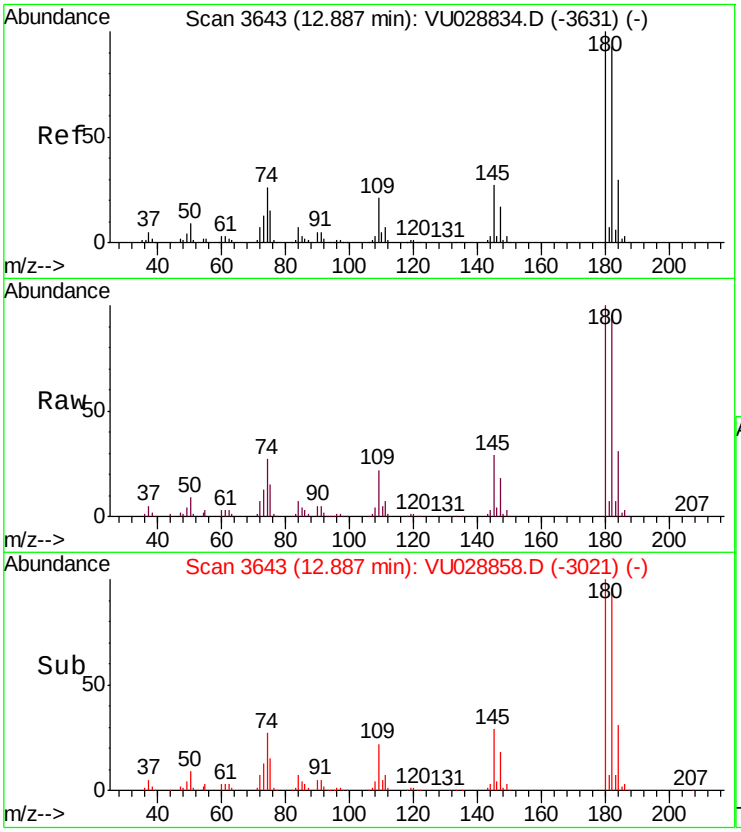


#66
1,2-Dibromo-3-chloropropane
Concen: 49.332 ug/L
RT: 12.66 min Scan# 3571
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion: 75 Resp: 28286

Ion	Ratio	Lower	Upper
75	100		
155	88.7	71.4	107.2
157	111.1	89.6	134.4



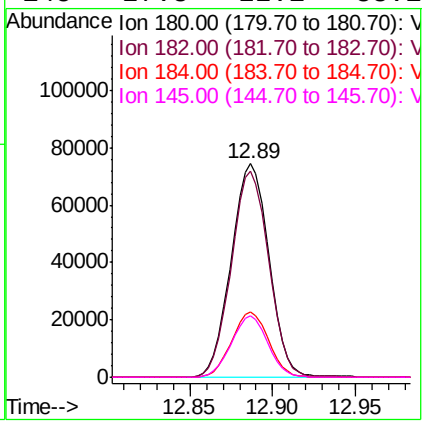


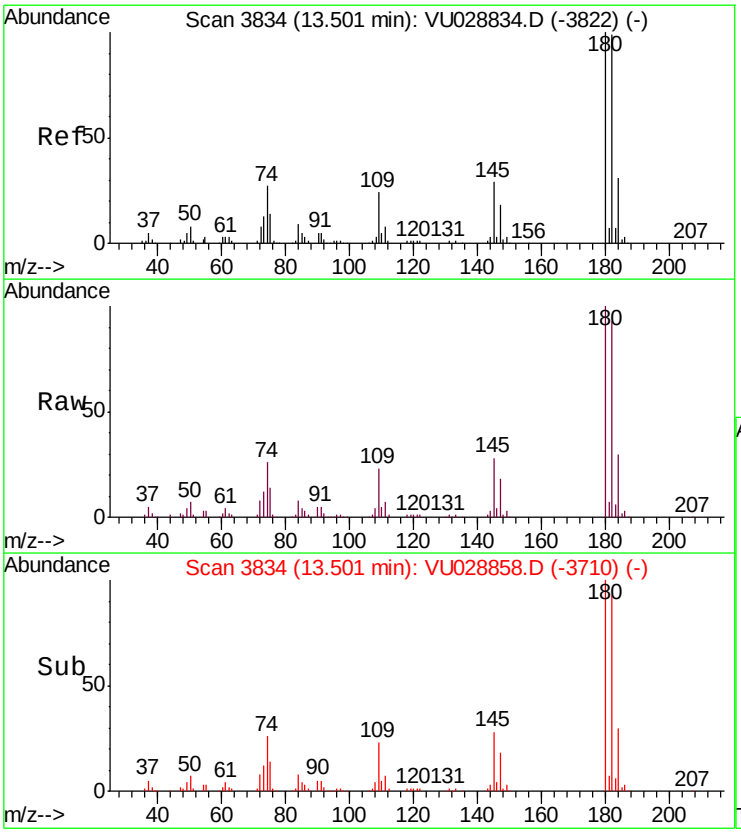
#67
1,3,5-Trichlorobenzene
Concen: 50.302 ug/L
RT: 12.89 min Scan# 3643
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion:180 Resp: 118182

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.4	114.6
184	30.0	24.6	36.8
145	27.8	22.1	33.1

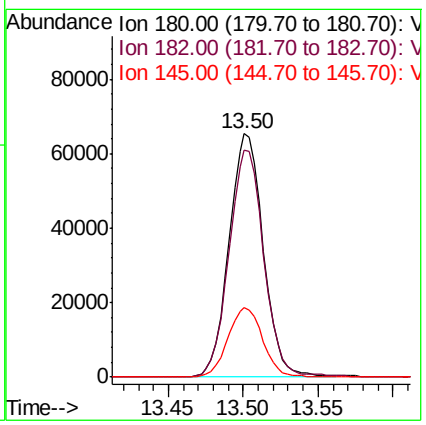


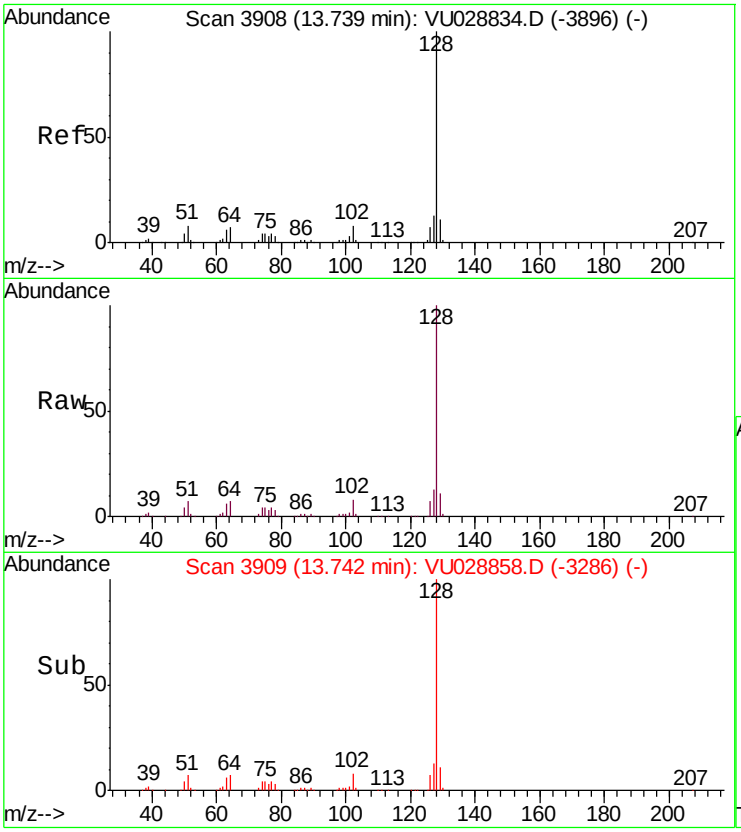


#68
1,2,4-trichlorobenzene
Concen: 52.927 ug/L
RT: 13.50 min Scan# 3834
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion:180 Resp: 104132

Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.4	116.0
145	29.0	23.5	35.3



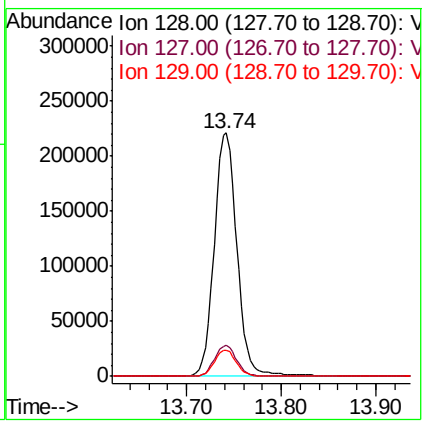


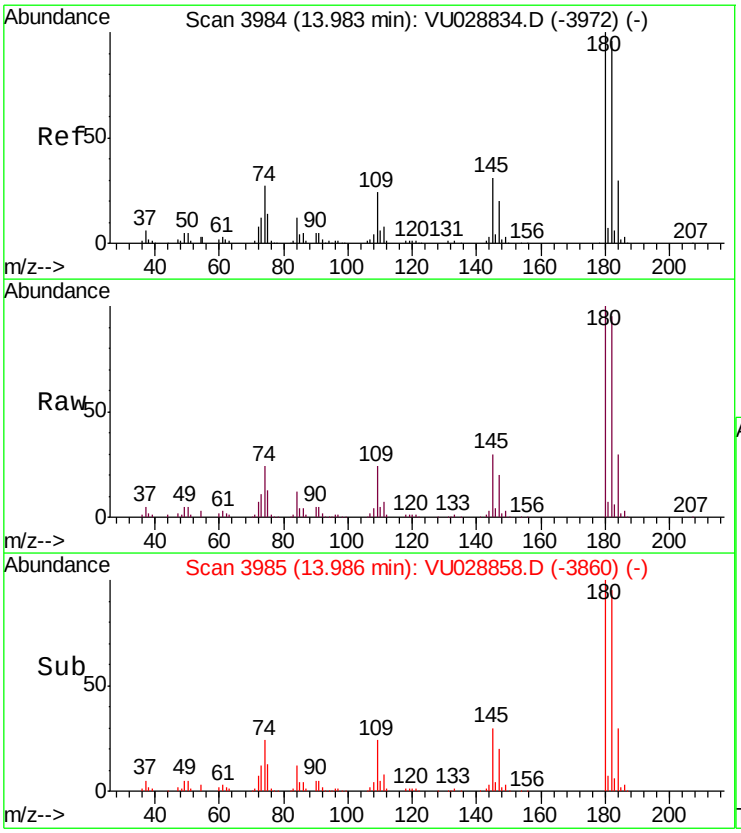
#69
Naphthalene
Concen: 54.064 ug/L
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD05042

Tgt Ion:128 Resp: 369298

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.5	15.7
129	10.6	8.7	13.1





#70
1,2,3-Trichlorobenzene
Concen: 51.484 ug/L
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028858.D
Acq: 21 Dec 2018 04:45

Tgt Ion:180 Resp: 109223

Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.8
145	30.3	24.5	36.7