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

Quantitation Report (Not Reviewed)

Data File : VU028812.D
Acq On : 20 Dec 2018 10:10
Operator : MD/SY
Sample : VSTD05057
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05057

Quant Time: Dec 21 03:32:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:28:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	195627	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	188066	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90289	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	82215	52.42	ug/L	0.00
7) Chloroethane-d5	1.67	69	62159	51.31	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	135922	51.54	ug/L	0.00
21) 2-Butanone-d5	4.17	46	119070	108.36	ug/L	0.00
24) Chloroform-d	4.65	84	129585	52.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	78871	51.88	ug/L	0.00
32) Benzene-d6	5.34	84	279801	52.66	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	93558	51.83	ug/L	0.00
41) Toluene-d8	7.56	98	255366	53.04	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	43300	53.54	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	94042	109.70	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	129211	51.60	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	93189	51.03	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	80312	50.347	ug/L	100
3) Chloromethane	1.33	50	108771	50.146	ug/L	100
5) Vinyl chloride	1.40	62	98734	51.525	ug/L	100
6) Bromomethane	1.61	94	39413	48.286	ug/L	100
8) Chloroethane	1.69	64	56736	51.872	ug/L	100
9) Trichlorofluoromethane	1.88	101	101629	51.864	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	65087	51.338	ug/L	100
12) 1,1-Dichloroethene	2.28	96	63287	50.456	ug/L	100
13) Acetone	2.32	43	115678	103.304	ug/L	100
14) Carbon disulfide	2.48	76	219927	50.210	ug/L	100
15) Methyl Acetate	2.61	43	88781	50.855	ug/L	100
16) Methylene chloride	2.70	84	77837	50.320	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	69557	51.185	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	213796	51.163	ug/L	100
19) 1,1-Dichloroethane	3.44	63	134681	50.984	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	78552	51.028	ug/L	100
22) 2-Butanone	4.26	43	142533	104.527	ug/L	100
23) Bromochloromethane	4.55	128	37722	51.403	ug/L	100
25) Chloroform	4.67	83	127846	50.848	ug/L	100
27) 1,2-Dichloroethane	5.40	62	95845	51.293	ug/L	100
29) Cyclohexane	4.99	56	129311	51.661	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	101694	51.089	ug/L	100
31) Carbon tetrachloride	5.13	117	81702	50.899	ug/L	100
33) Benzene	5.39	78	307744	51.400	ug/L	100
34) Trichloroethene	6.18	95	73204	50.643	ug/L	100
35) Methylcyclohexane	6.41	83	125649	52.191	ug/L	100
37) 1,2-Dichloropropane	6.43	63	85761	51.241	ug/L	100
38) Bromodichloromethane	6.76	83	95714	51.642	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	122487	51.334	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	233358	103.733	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : VU028812.D
Acq On : 20 Dec 2018 10:10
Operator : MD/SY
Sample : VSTD05057
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05057

Quant Time: Dec 21 03:32:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:28:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	316146	52.089	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	111823	52.574	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	72634	50.757	ug/L	100
46) Tetrachloroethene	8.22	164	55851	50.168	ug/L	100
48) 2-Hexanone	8.36	43	194267	105.216	ug/L	100
49) Dibromochloromethane	8.48	129	73366	51.471	ug/L	100
50) 1,2-Dibromoethane	8.58	107	77498	52.051	ug/L	100
51) Chlorobenzene	9.12	112	195499	51.109	ug/L	100
52) Ethylbenzene	9.25	91	337186	51.704	ug/L	100
53) m,p-Xylene	9.37	106	126874	52.610	ug/L	100
54) o-xylene	9.78	106	126733	52.434	ug/L	100
55) Styrene	9.79	104	216096	52.790	ug/L	100
56) Isopropylbenzene	10.16	105	318837	52.000	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	132336	50.905	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	101148	50.643	ug/L	100
61) Bromoform	9.96	173	56211	50.222	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	143337	49.975	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	146043	49.422	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	151432	50.613	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	25820	50.030	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	107293	50.737	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	90544	51.130	ug/L	100
69) Naphthalene	13.74	128	315516	51.318	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	96737	50.660	ug/L	100

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

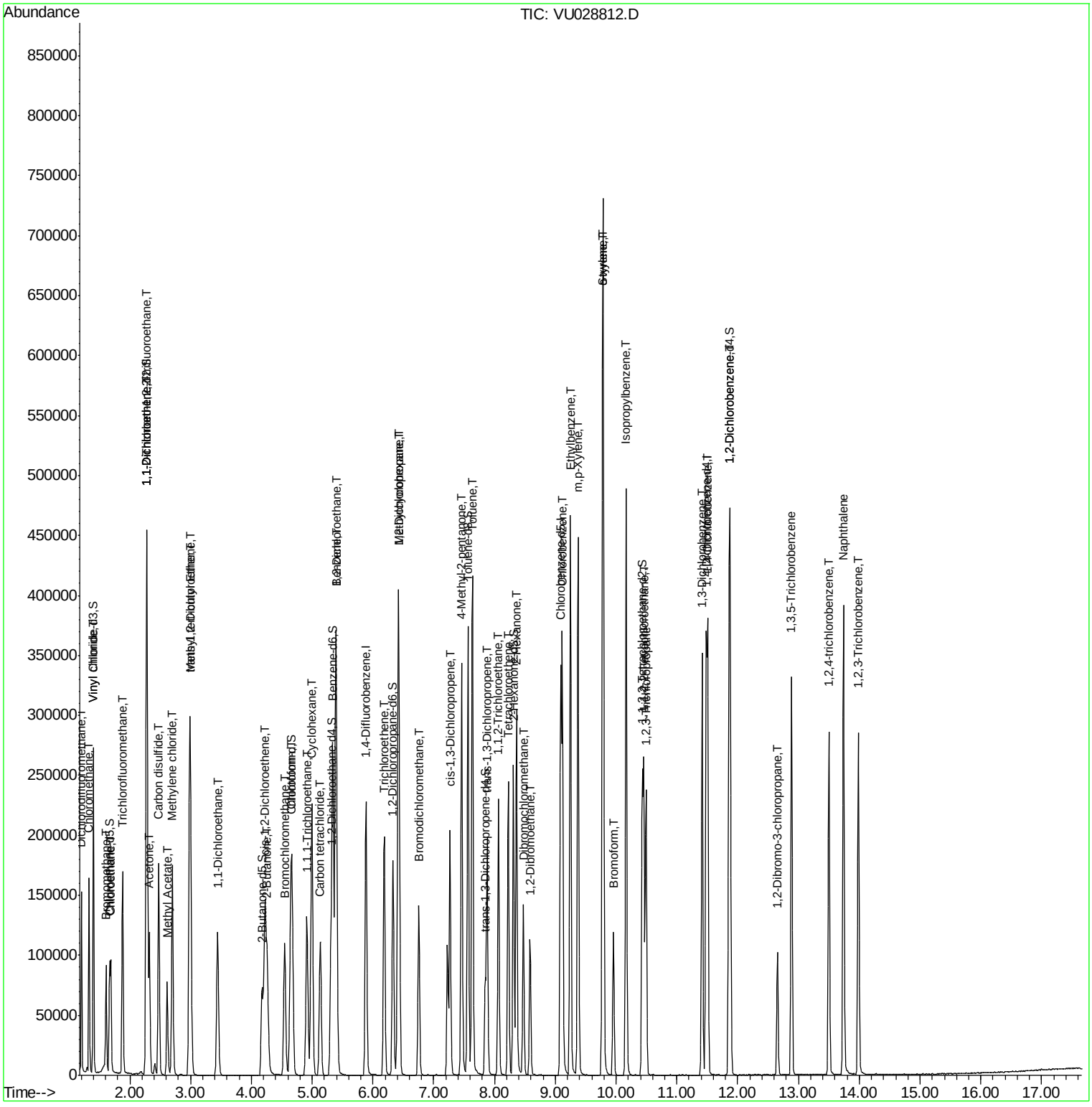
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\

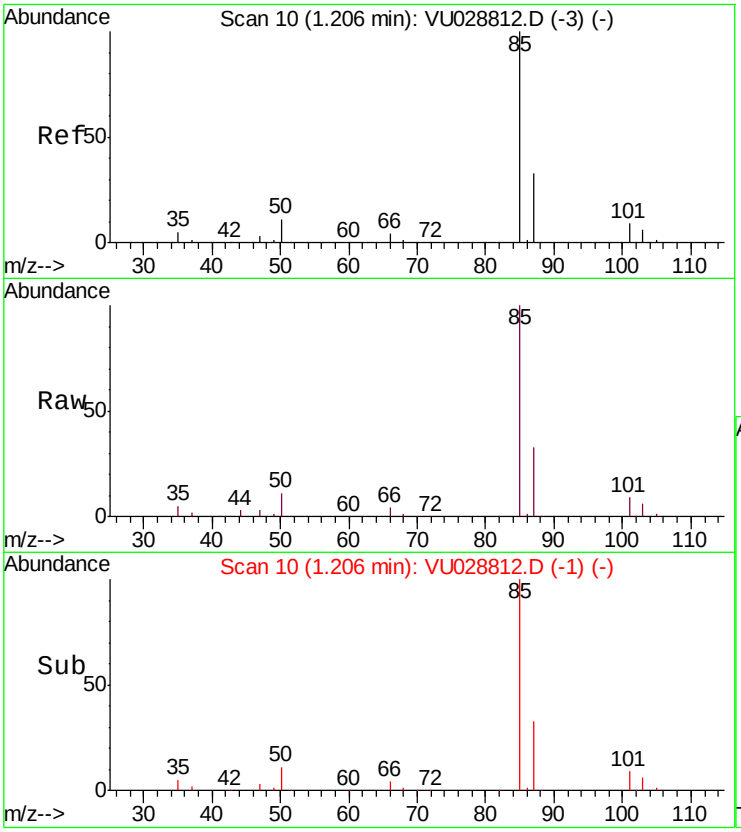
Quantitation Report (Not Reviewed)

Data File : VU028812.D
Acq On : 20 Dec 2018 10:10
Operator : MD/SY
Sample : VSTD05057
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05057

Quant Time: Dec 21 03:32:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:28:44 2018
Response via : Initial Calibration



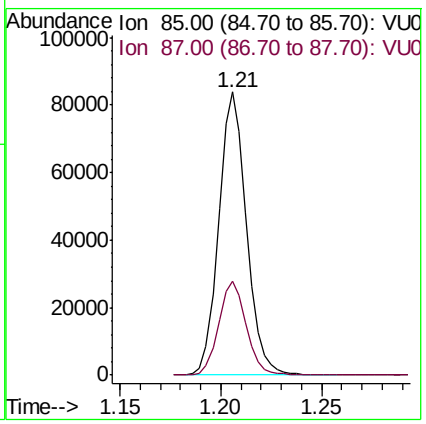


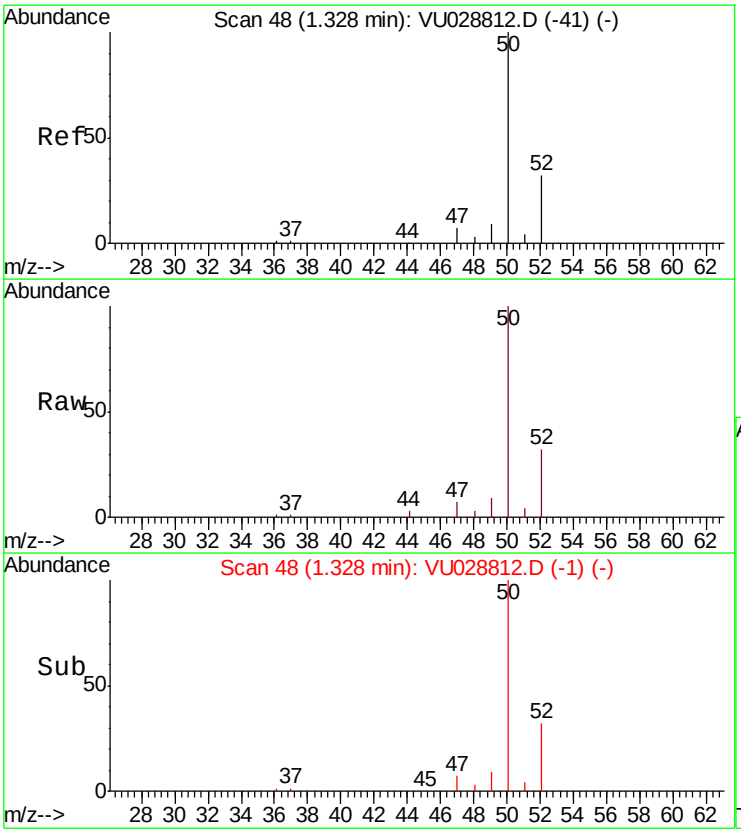
#2
Dichlorodifluoromethane
Concen: 50.347 ug/L
RT: 1.21 min Scan# 10
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument : MSVOA_U
ClientSampleId : VSTD05057

Tgt Ion: 85 Resp: 80312

Ion	Ratio	Lower	Upper
85	100		
87	32.9	26.3	39.5

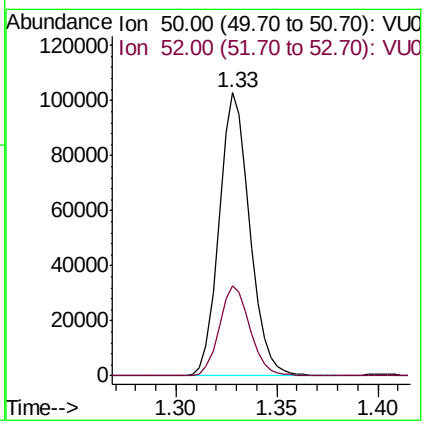


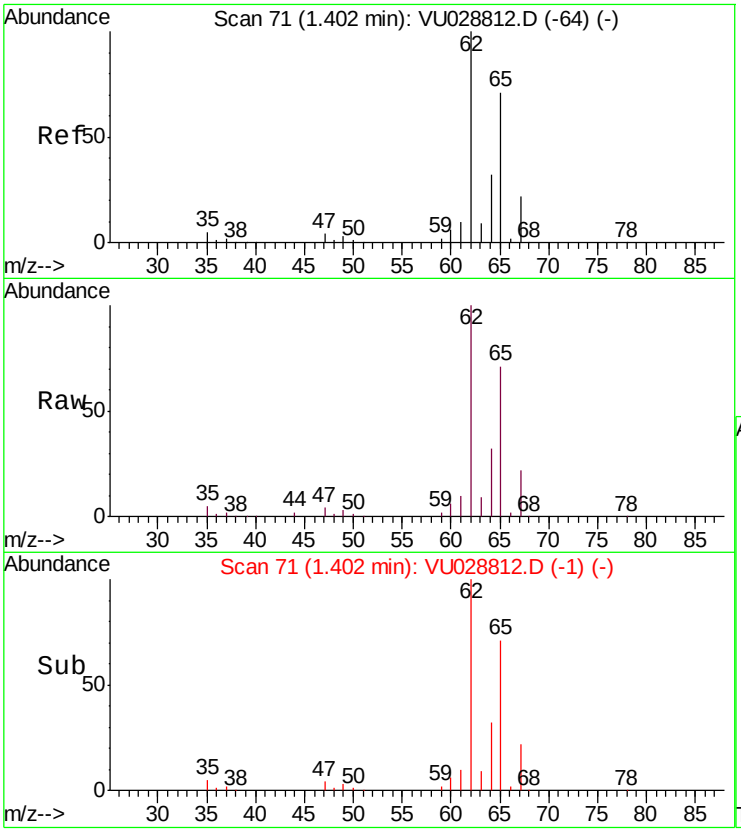


#3
Chloromethane
Concen: 50.146 ug/L
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion: 50 Resp: 108771

Ion	Ratio	Lower	Upper
50	100		
52	31.8	22.3	41.3



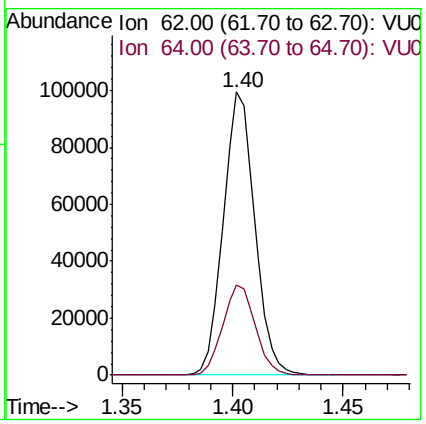


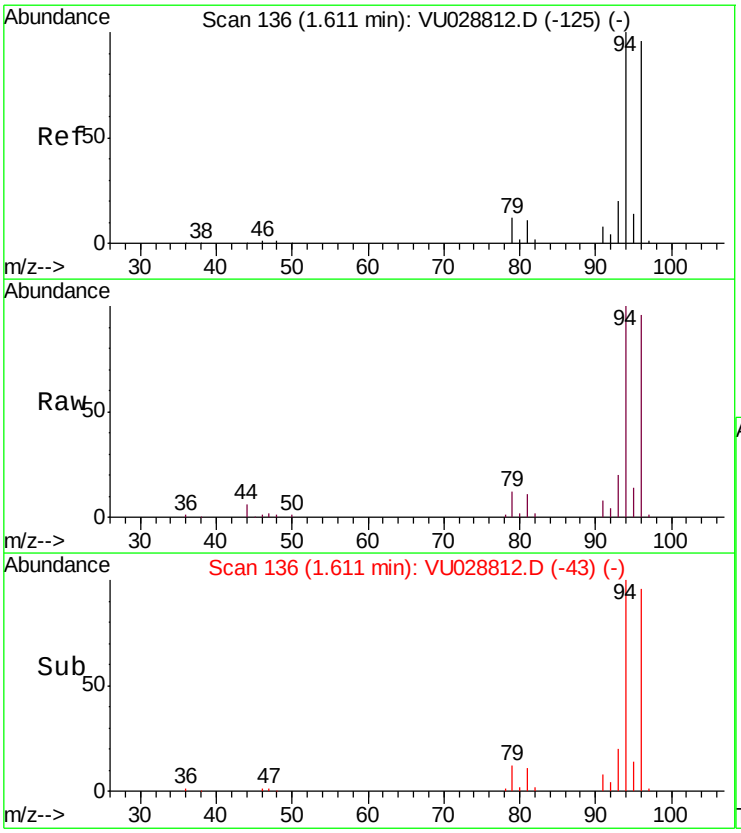
#5
Vinyl chloride
Concen: 51.525 ug/L
RT: 1.40 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion: 62 Resp: 98734

Ion	Ratio	Lower	Upper
62	100		
64	31.8	22.3	41.3

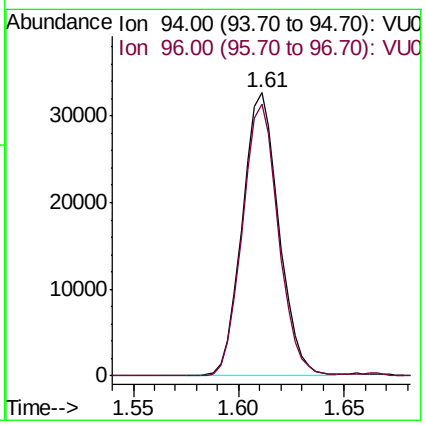


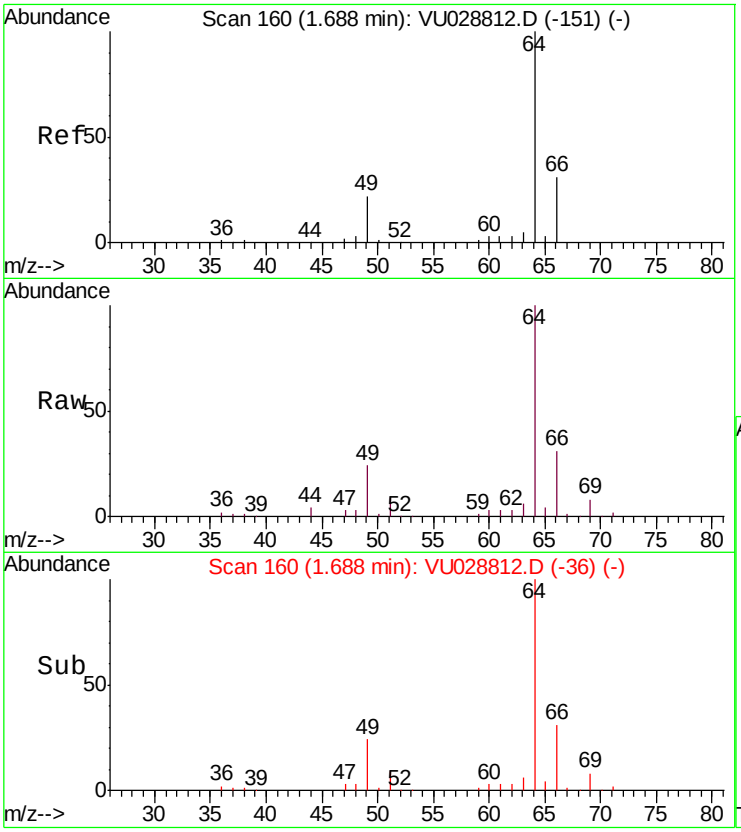


#6
Bromomethane
Concen: 48.286 ug/L
RT: 1.61 min Scan# 136
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion: 94 Resp: 39413

Ion	Ratio	Lower	Upper
94	100		
96	96.2	67.3	125.1



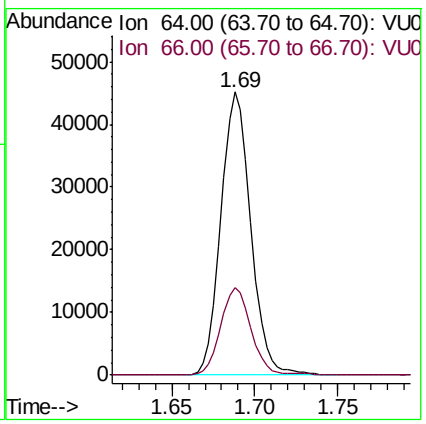


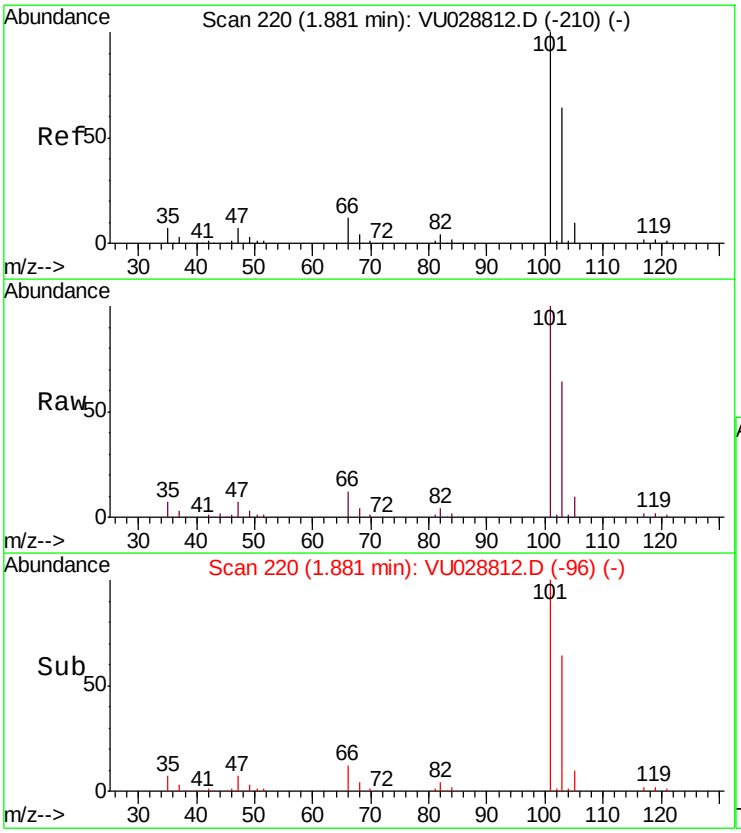
#8
Chloroethane
Concen: 51.872 ug/L
RT: 1.69 min Scan# 160
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion: 64 Resp: 56736

Ion	Ratio	Lower	Upper
64	100		
66	30.7	21.5	39.9

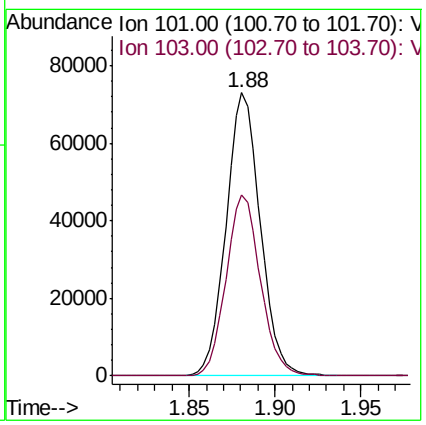


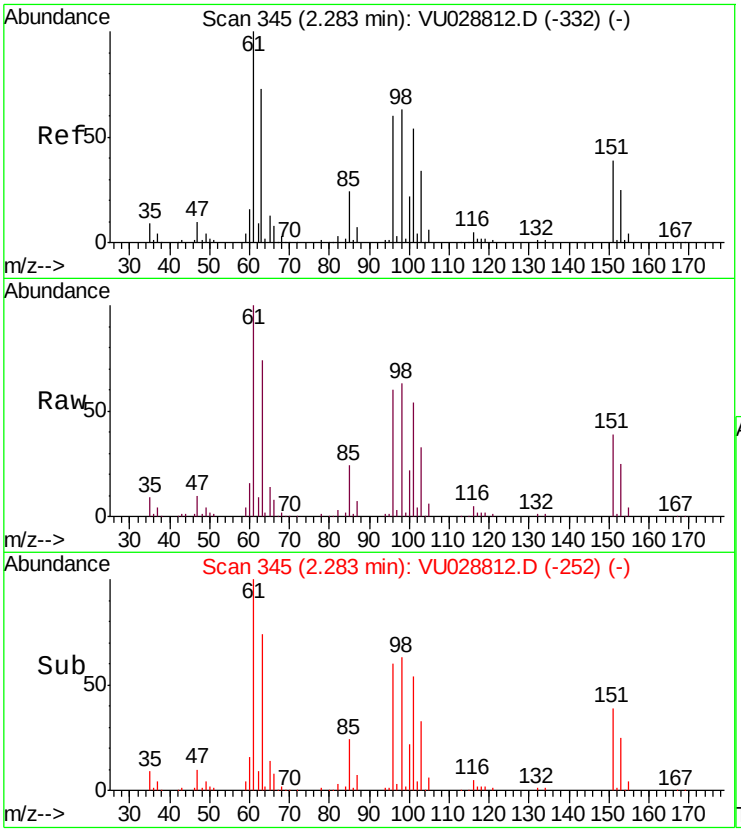


#9
Trichlorofluoromethane
Concen: 51.864 ug/L
RT: 1.88 min Scan# 220
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion:101 Resp: 101629

Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.4	77.0



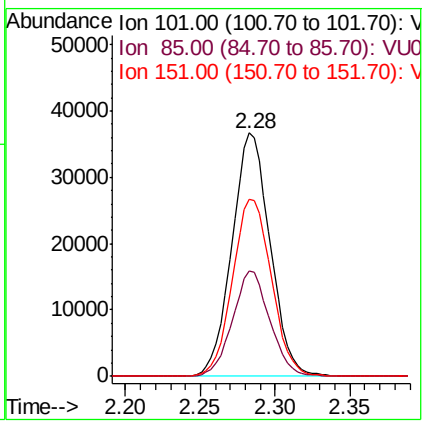


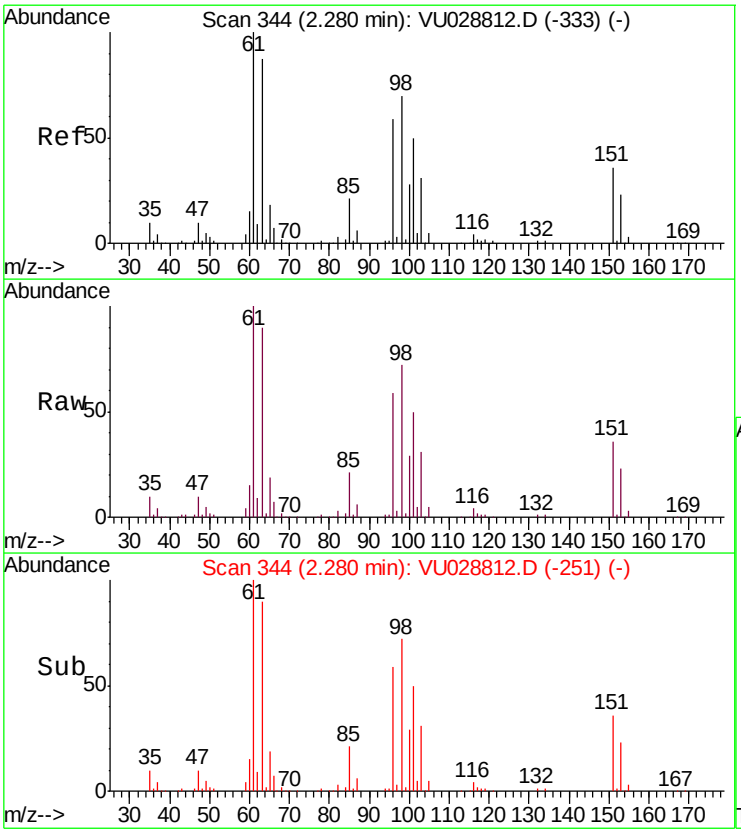
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.338 ug/L
RT: 2.28 min Scan# 345
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion:101 Resp: 65087

Ion	Ratio	Lower	Upper
101	100		
85	42.2	33.8	50.6
151	74.2	59.4	89.0

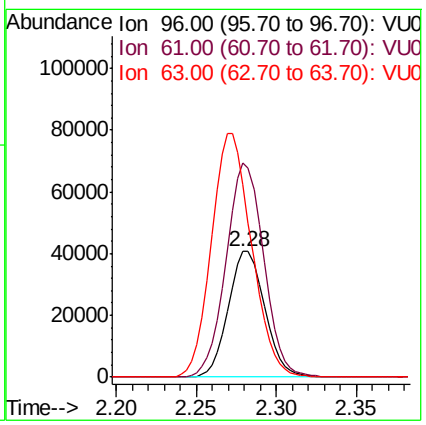


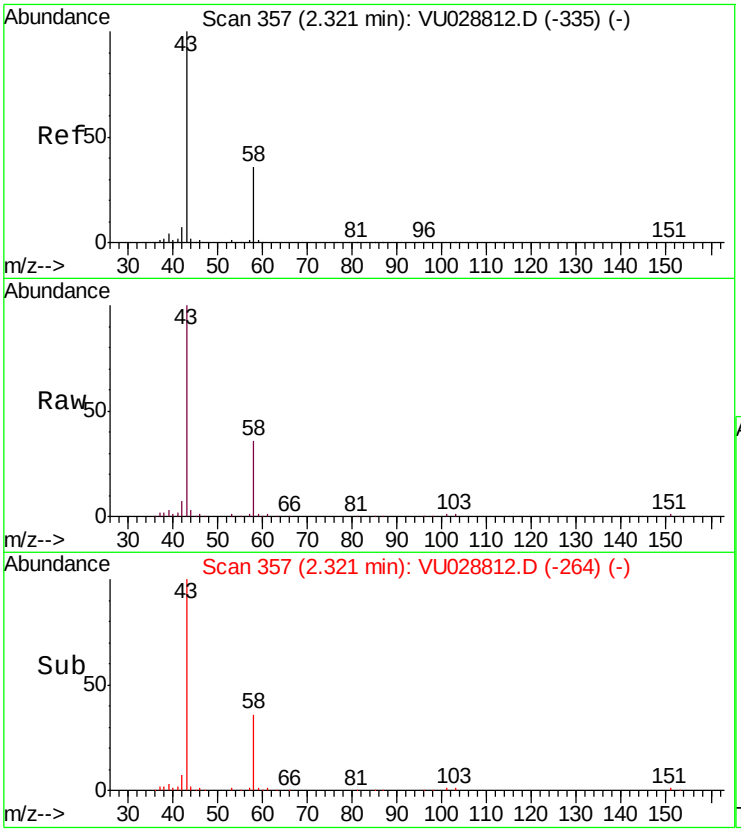


#12
1,1-Dichloroethene
Concen: 50.456 ug/L
RT: 2.28 min Scan# 344
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion: 96 Resp: 63287

Ion	Ratio	Lower	Upper
96	100		
61	170.4	119.3	221.5
63	153.5	107.4	199.6



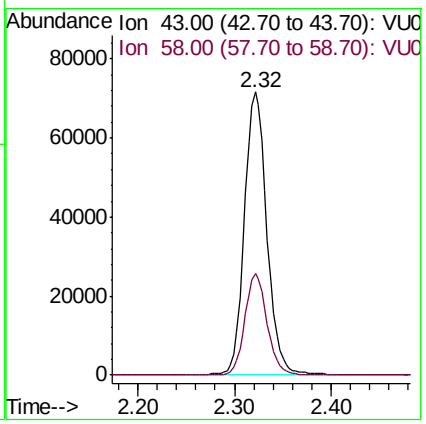


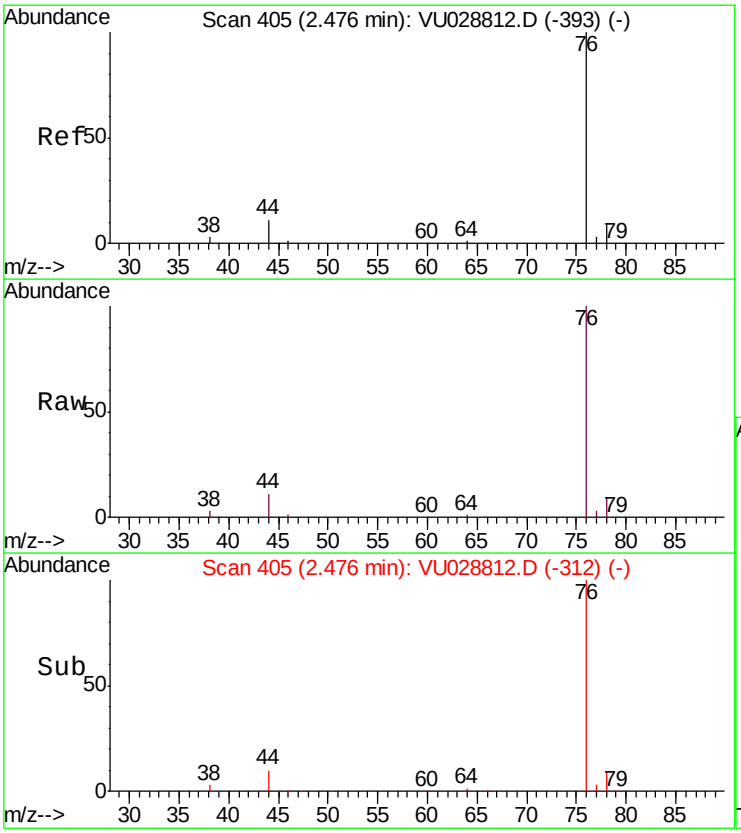
#13
Acetone
Concen: 103.304 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument : MSVOA_U
ClientSampleId : VSTD05057

Tgt Ion: 43 Resp: 115678

Ion	Ratio	Lower	Upper
43	100		
58	35.1	0.0	70.2

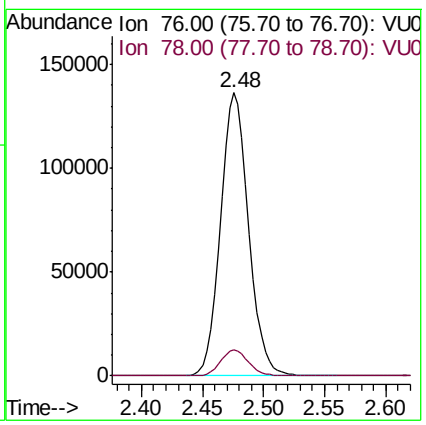


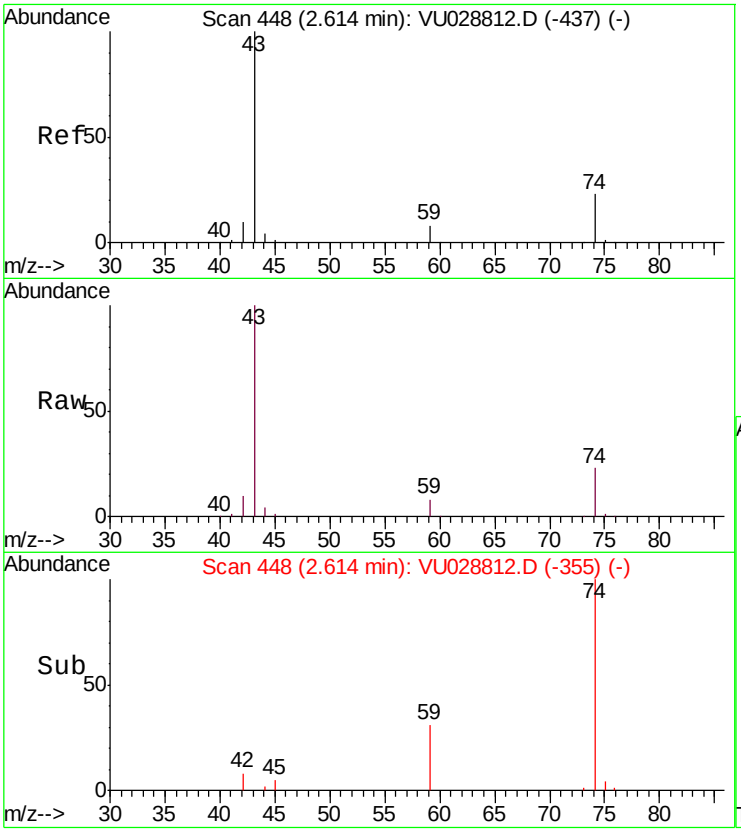


#14
Carbon disulfide
Concen: 50.210 ug/L
RT: 2.48 min Scan# 405
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion: 76 Resp: 219927

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0



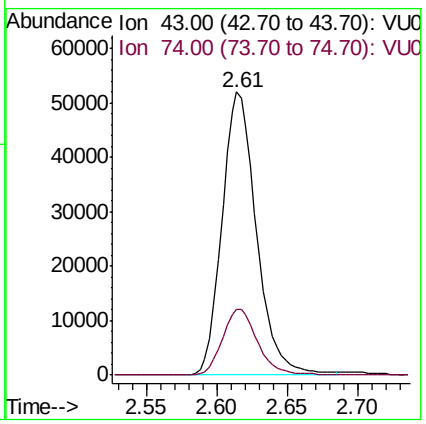


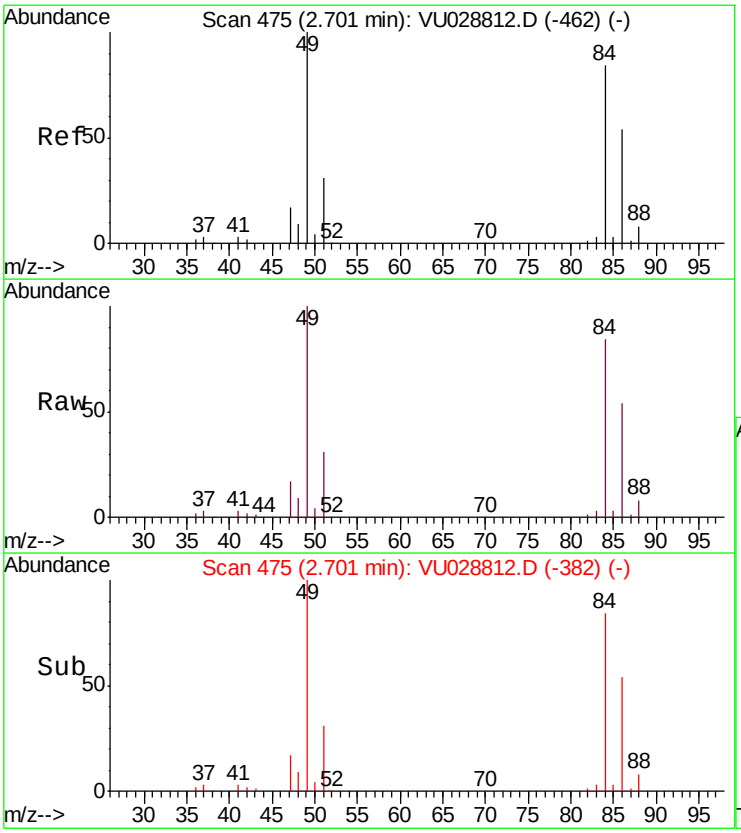
#15
Methyl Acetate
Concen: 50.855 ug/L
RT: 2.61 min Scan# 448
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion: 43 Resp: 88781

Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.0	28.4

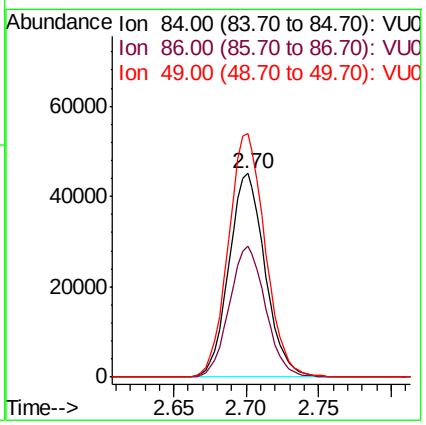


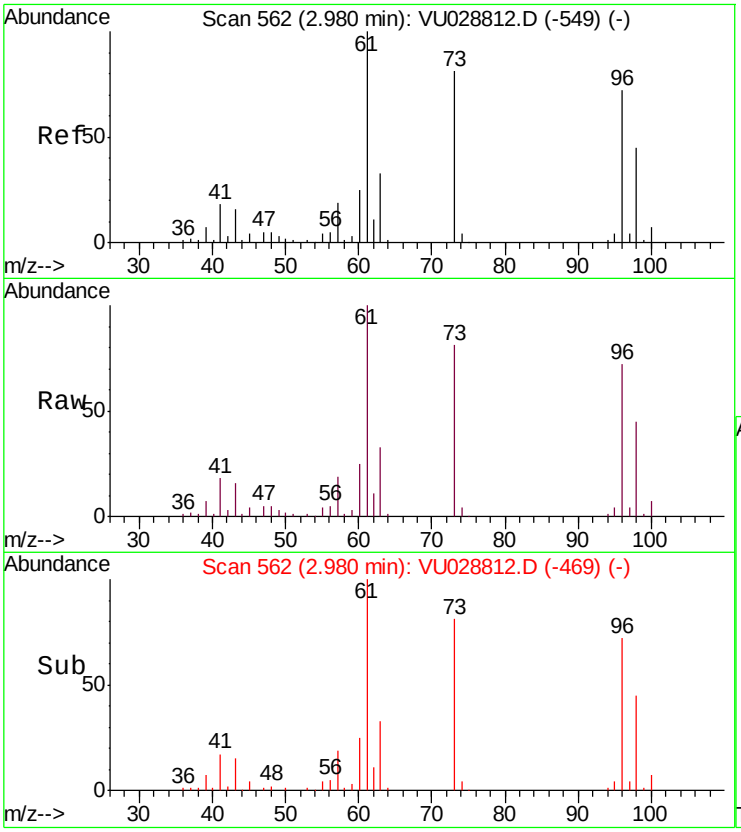


#16
Methylene chloride
Concen: 50.320 ug/L
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion: 84 Resp: 77837

Ion	Ratio	Lower	Upper
84	100		
86	64.1	44.9	83.3
49	119.8	83.9	155.7



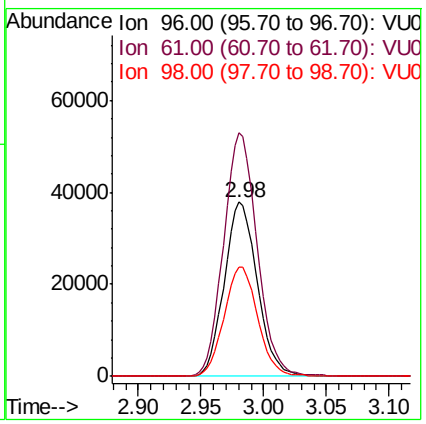


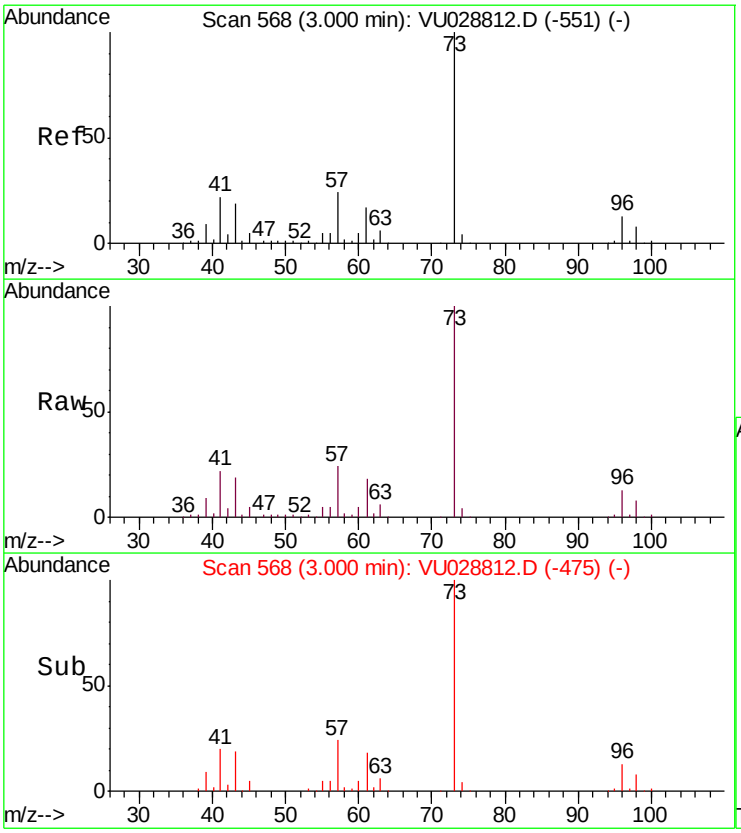
#17
trans-1,2-Dichloroethene
Concen: 51.185 ug/L
RT: 2.98 min Scan# 562
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion: 96 Resp: 69557

Ion	Ratio	Lower	Upper
96	100		
61	139.8	97.9	181.7
98	63.0	44.1	81.9

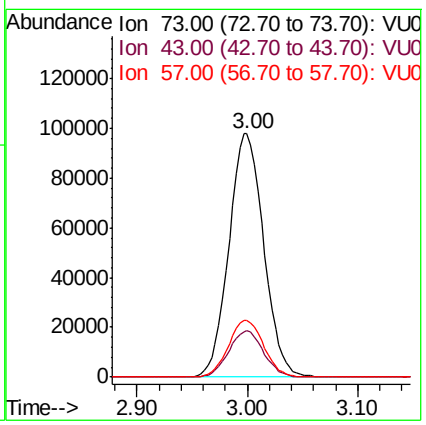


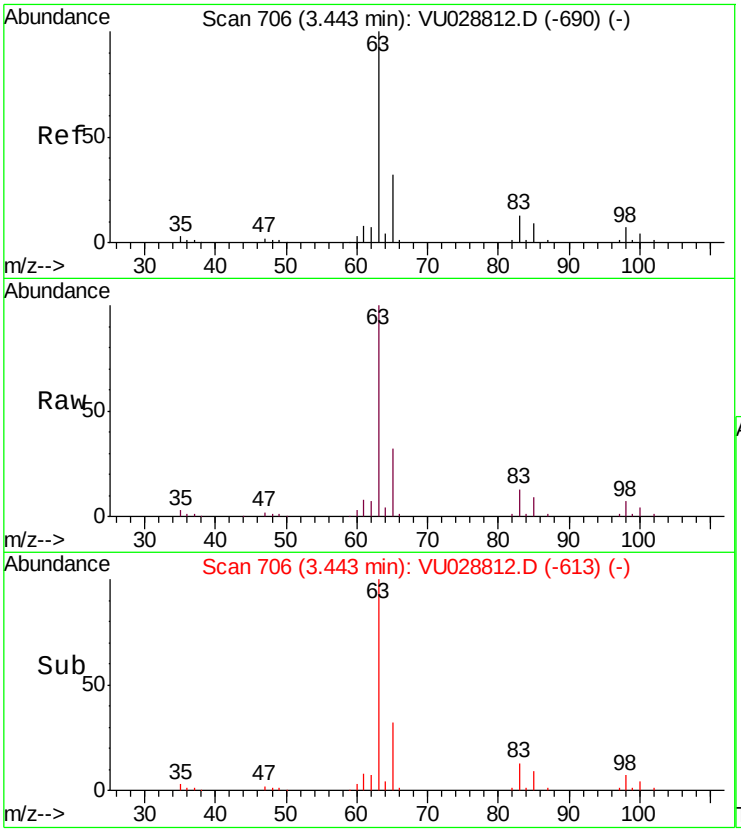


#18
Methyl tert-butyl Ether
Concen: 51.163 ug/L
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion: 73 Resp: 213796

Ion	Ratio	Lower	Upper
73	100		
43	19.1	15.3	22.9
57	23.7	19.0	28.4



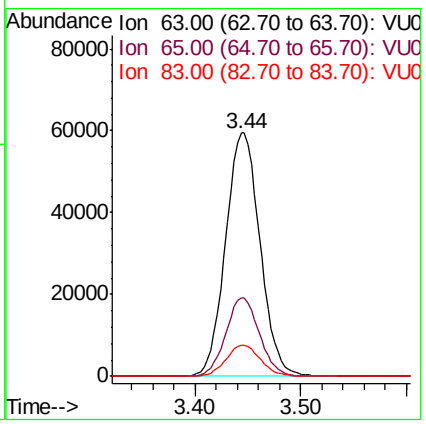


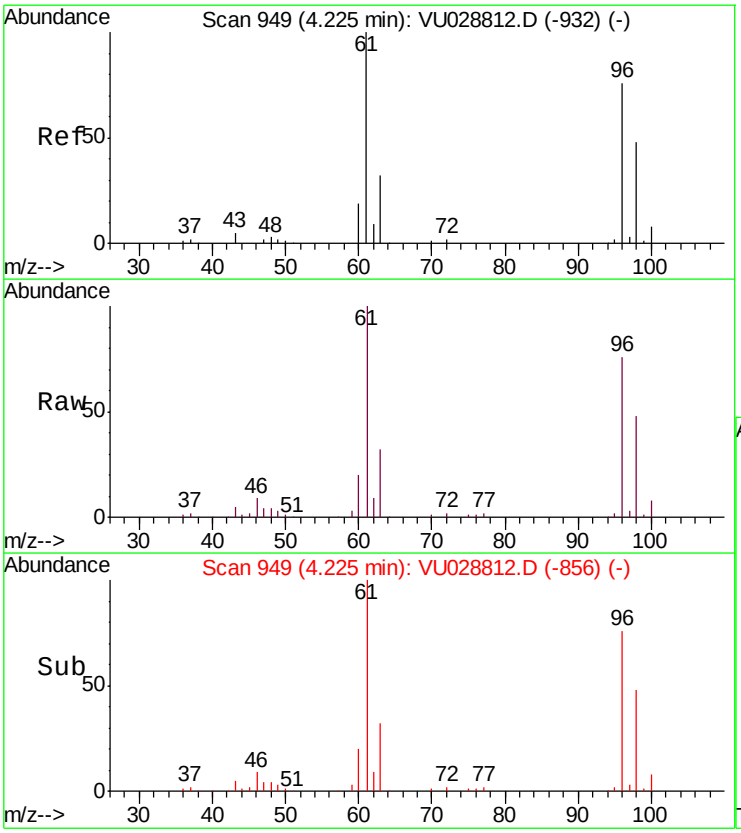
#19
1,1-Dichloroethane
Concen: 50.984 ug/L
RT: 3.44 min Scan# 706
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion: 63 Resp: 134681

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.7	42.1
83	12.9	9.0	16.8

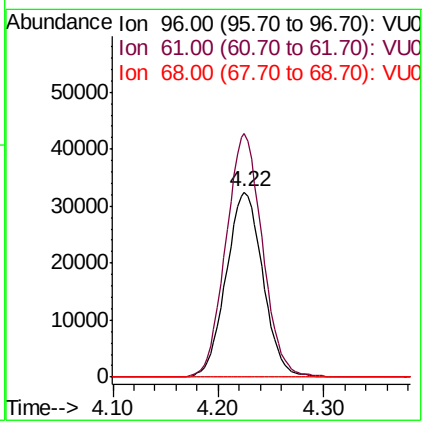


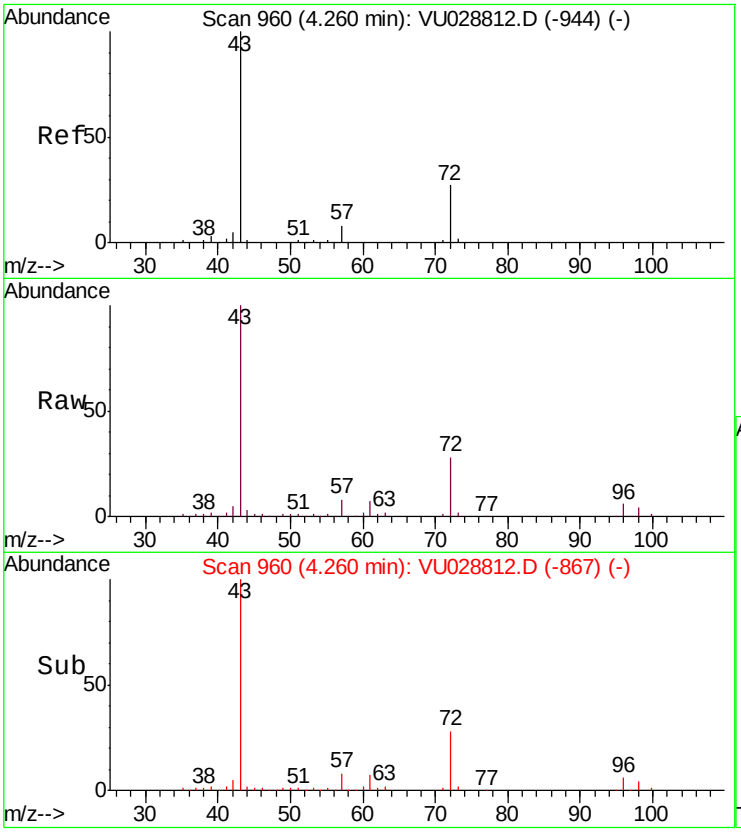


#20
cis-1,2-Dichloroethene
Concen: 51.028 ug/L
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion: 96 Resp: 78552

Ion	Ratio	Lower	Upper
96	100		
61	131.6	92.1	171.1
68	0.0	0.0	0.0



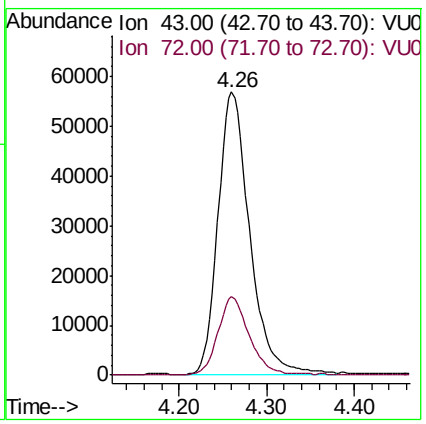


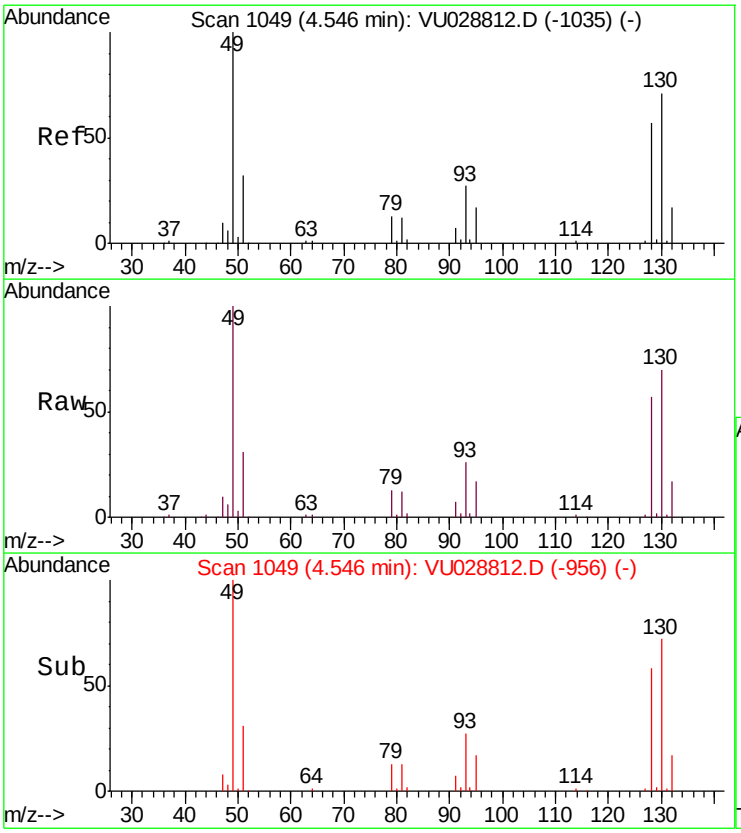
#22
2-Butanone
Concen: 104.527 ug/L
RT: 4.26 min Scan# 960
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion: 43 Resp: 142533

Ion	Ratio	Lower	Upper
43	100		
72	27.4	13.7	41.1

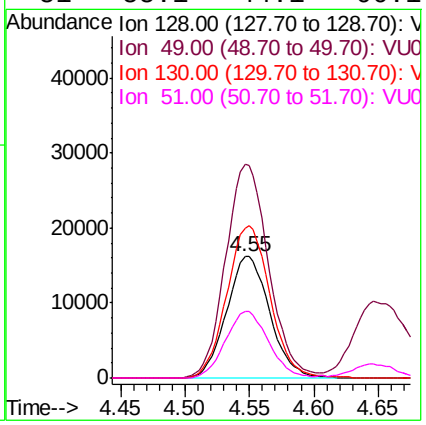


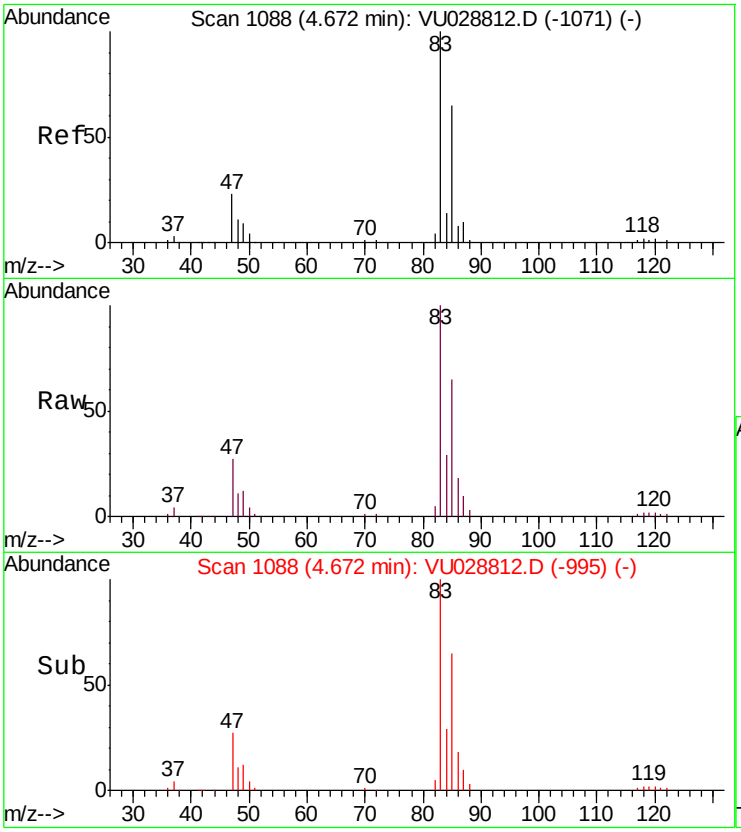


#23
Bromochloromethane
Concen: 51.403 ug/L
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion:128 Resp: 37722

Ion	Ratio	Lower	Upper
128	100		
49	175.7	123.0	228.4
130	123.6	86.5	160.7
51	55.1	44.1	66.1



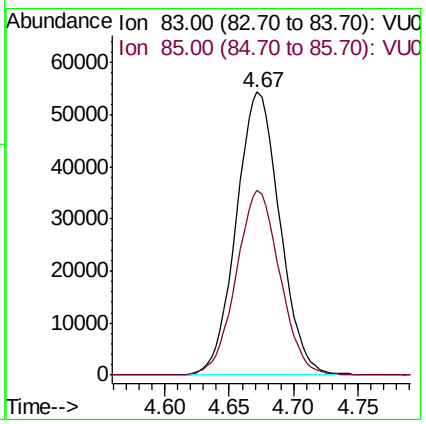


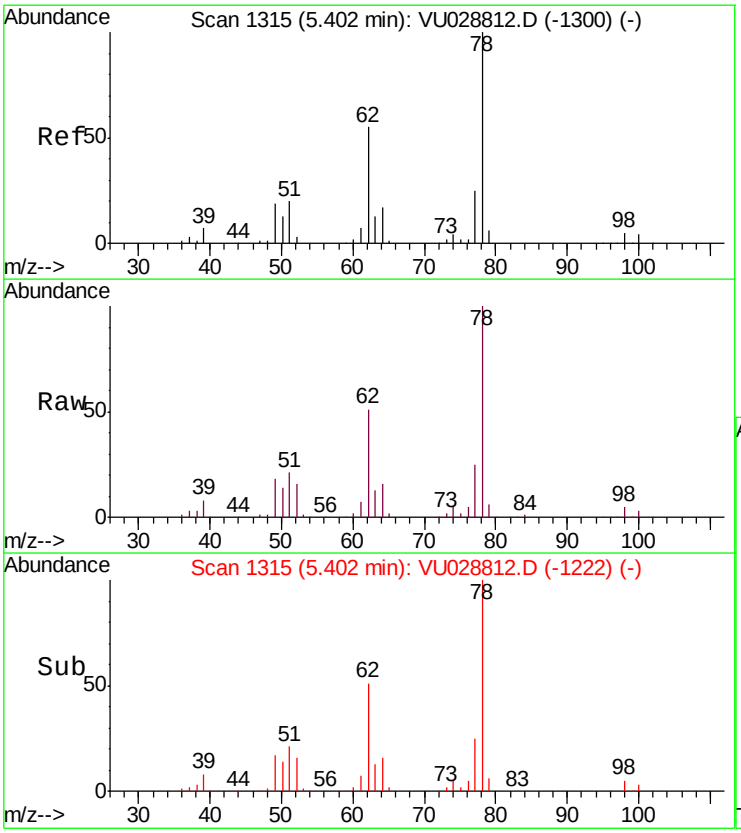
#25
Chloroform
Concen: 50.848 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion: 83 Resp: 127846

Ion	Ratio	Lower	Upper
83	100		
85	65.1	45.6	84.6

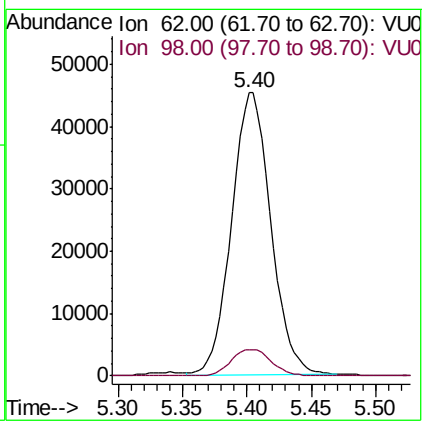


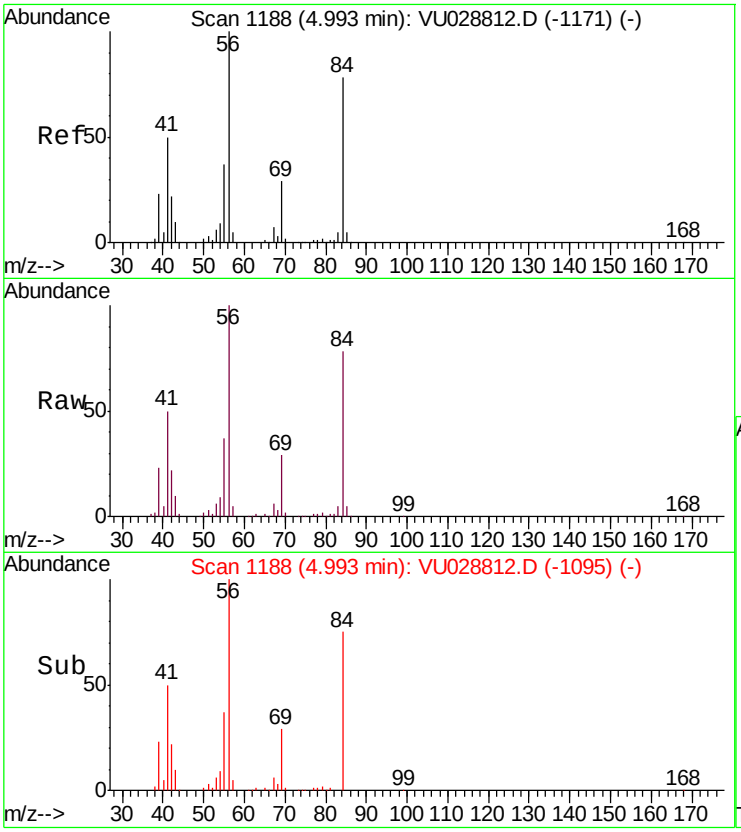


#27
1,2-Dichloroethane
Concen: 51.293 ug/L
RT: 5.40 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion: 62 Resp: 95845

Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.5	11.3



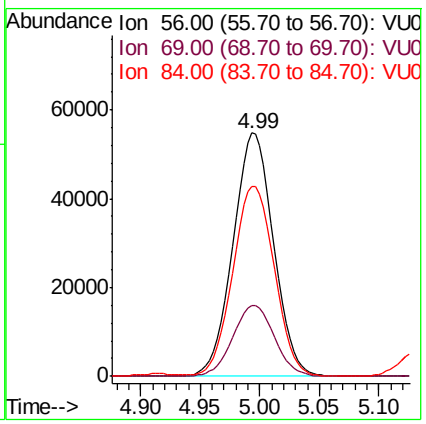


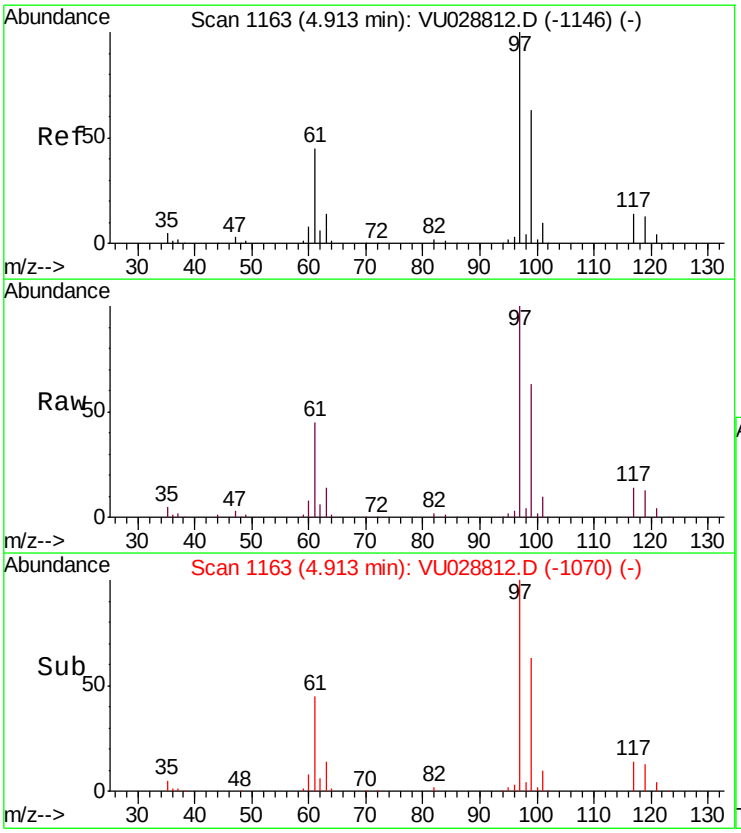
#29
Cyclohexane
Concen: 51.661 ug/L
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion: 56 Resp: 129311

Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.8	35.8
84	79.8	63.8	95.8

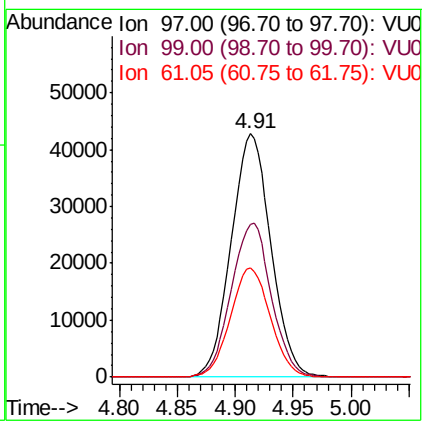


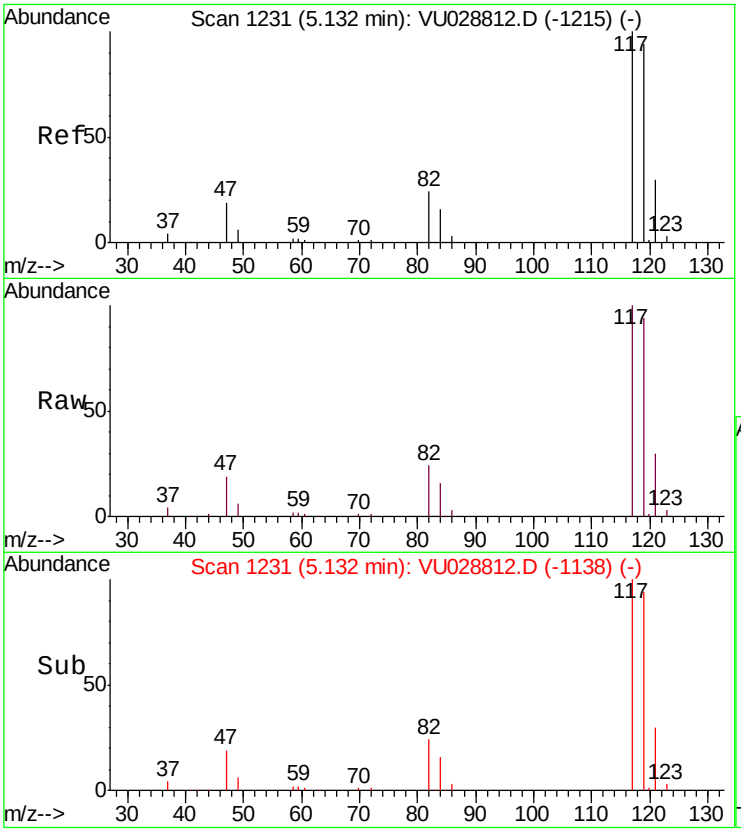


#30
1,1,1-Trichloroethane
Concen: 51.089 ug/L
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion: 97 Resp: 101694

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.2	76.8
61	45.1	36.1	54.1



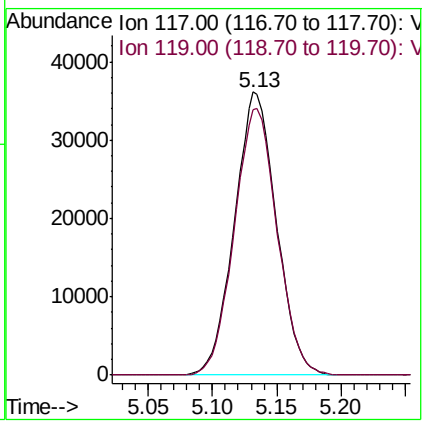


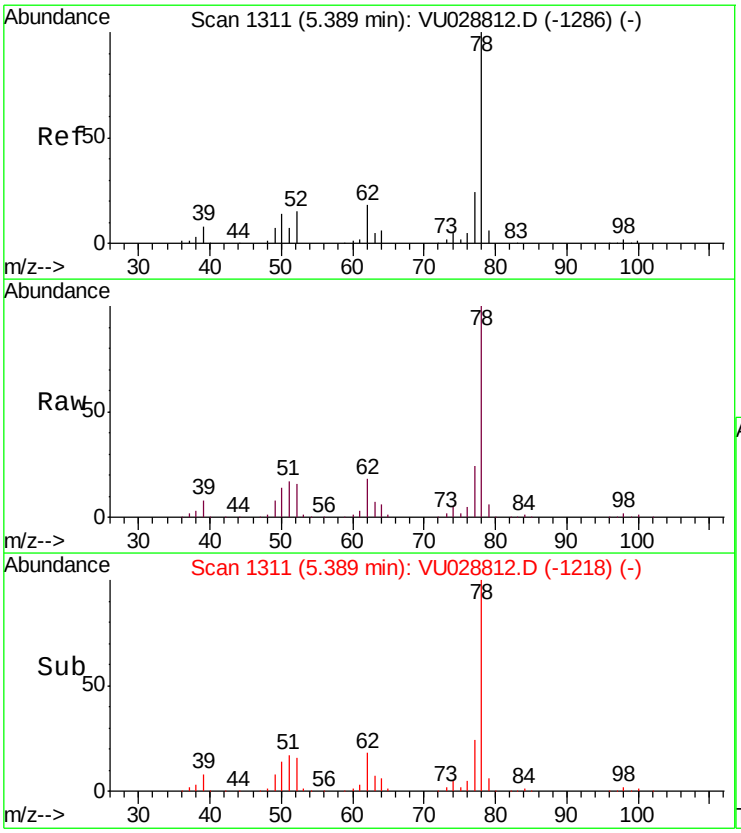
#31
Carbon tetrachloride
Concen: 50.899 ug/L
RT: 5.13 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion:117 Resp: 81702

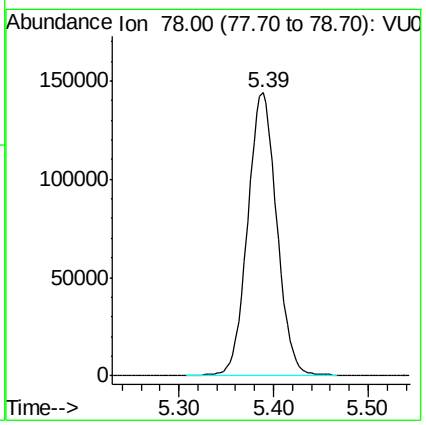
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.6

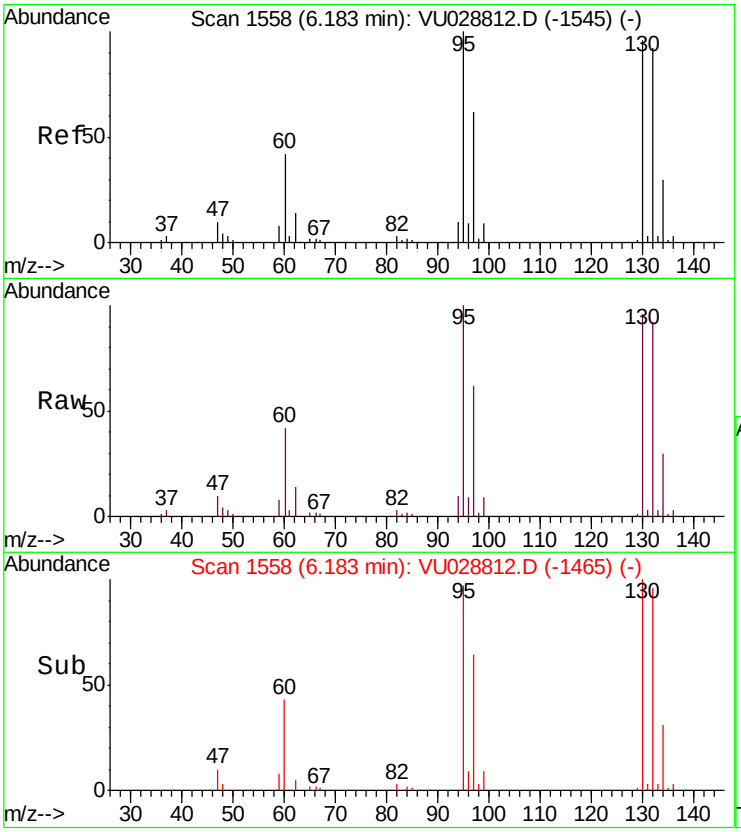




#33
Benzene
Concen: 51.400 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion: 78 Resp: 307744



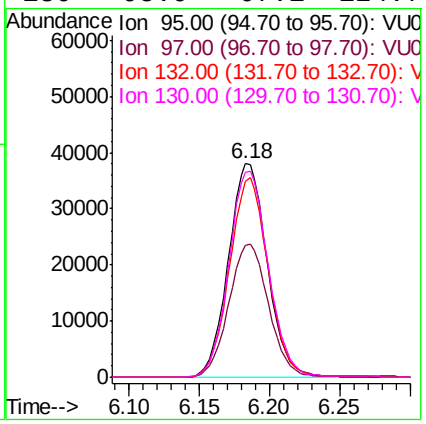


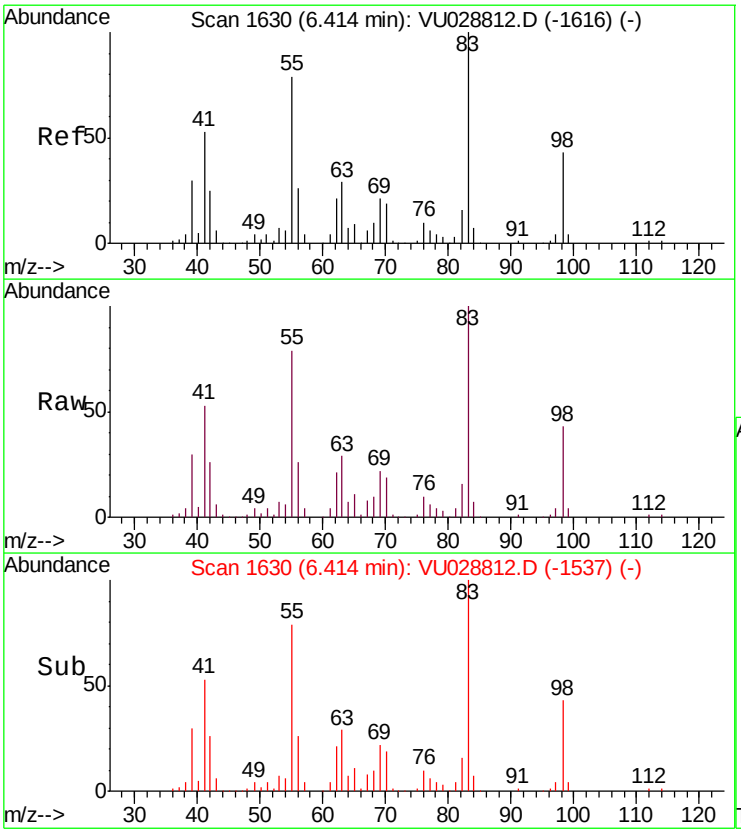
#34
Trichloroethene
Concen: 50.643 ug/L
RT: 6.18 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion: 95 Resp: 73204

Ion	Ratio	Lower	Upper
95	100		
97	61.8	43.3	80.3
132	91.7	64.2	119.2
130	95.9	67.1	124.7

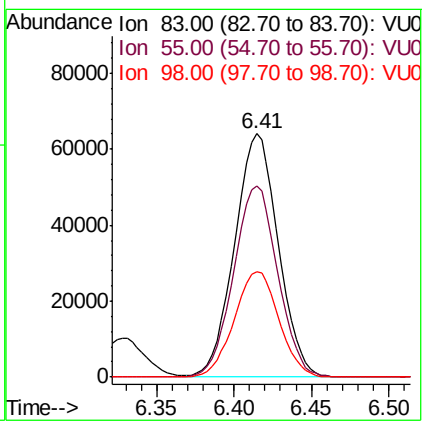


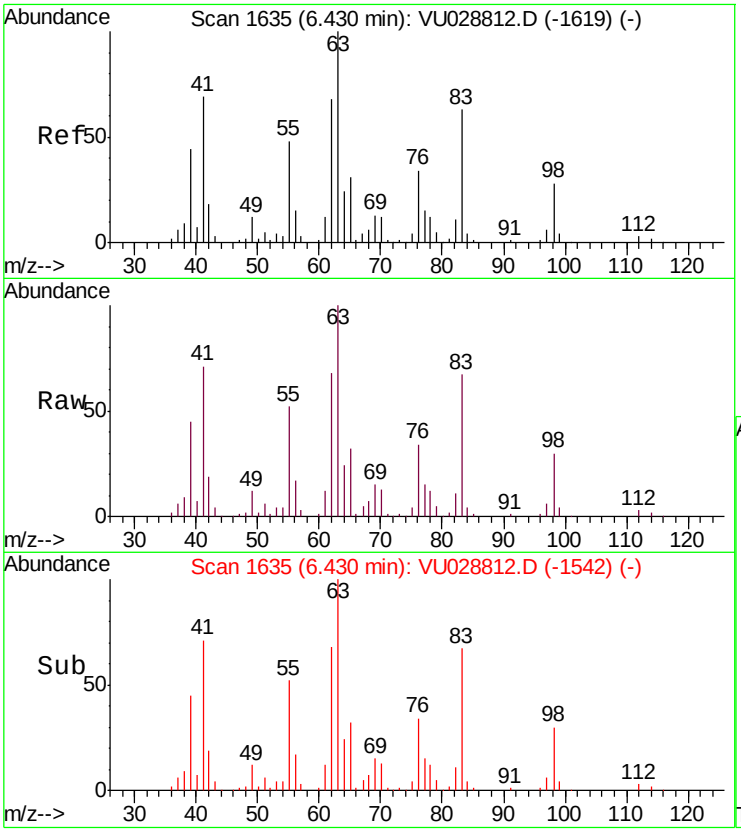


#35
Methylcyclohexane
Concen: 52.191 ug/L
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion: 83 Resp: 125649

Ion	Ratio	Lower	Upper
83	100		
55	79.6	63.7	95.5
98	44.5	35.6	53.4



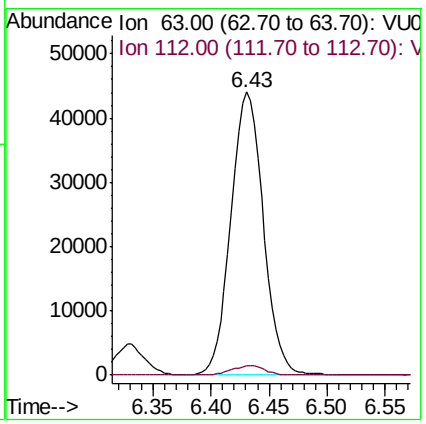


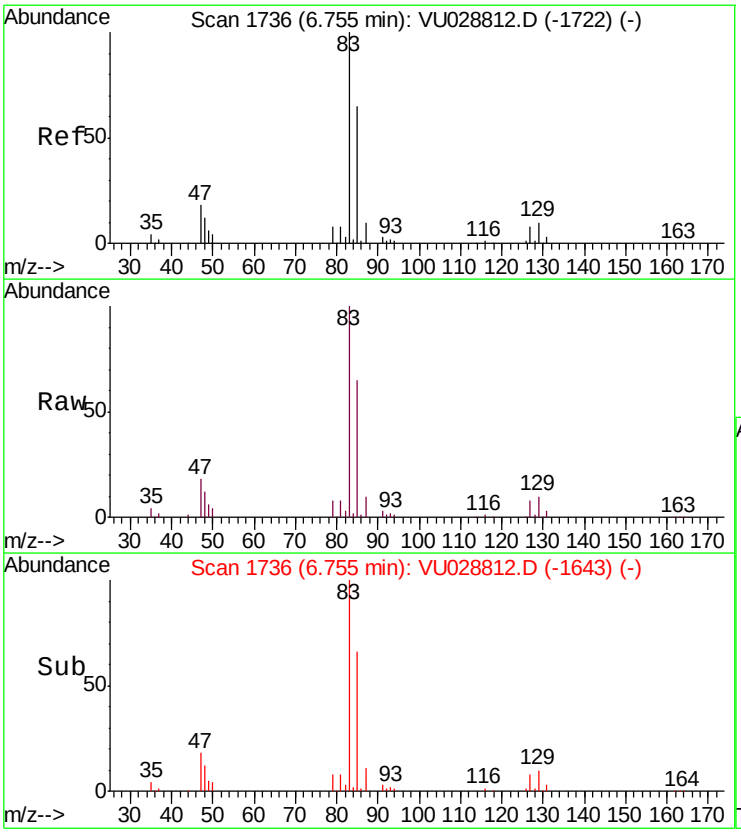
#37
1,2-Dichloropropane
Concen: 51.241 ug/L
RT: 6.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion: 63 Resp: 85761

Ion	Ratio	Lower	Upper
63	100		
112	3.4	2.7	4.1

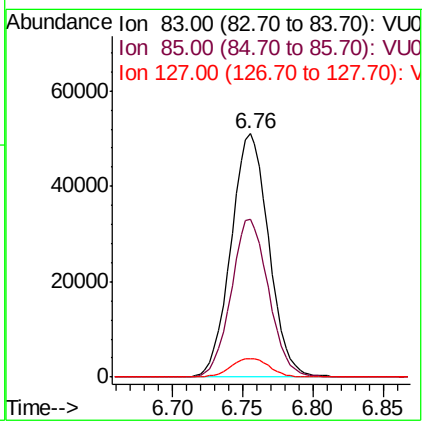


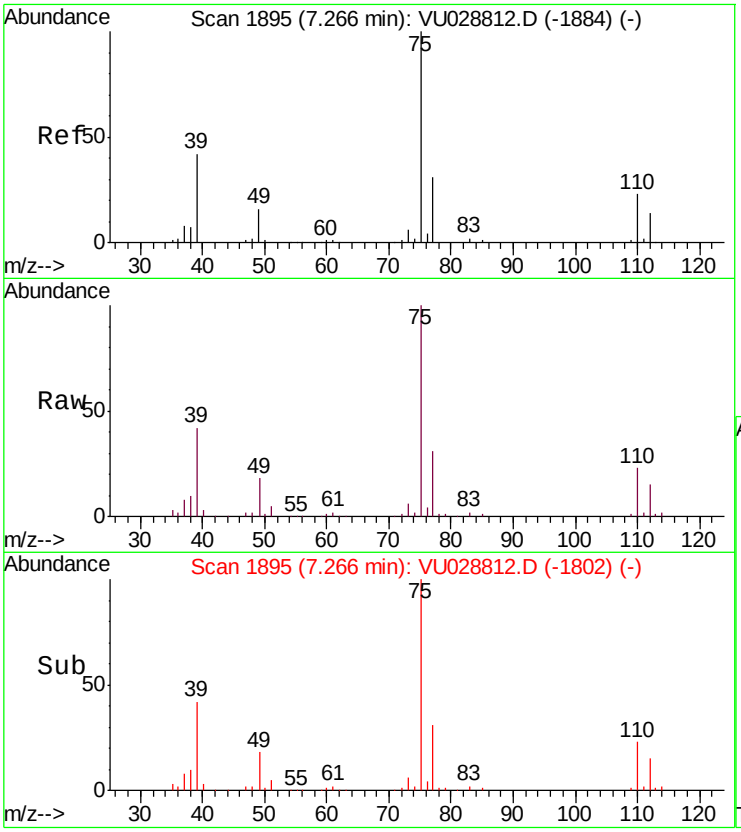


#38
Bromodichloromethane
Concen: 51.642 ug/L
RT: 6.76 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion: 83 Resp: 95714

Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.4	84.2
127	7.7	6.2	9.2



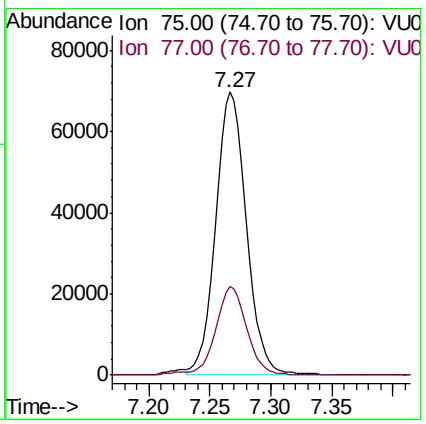


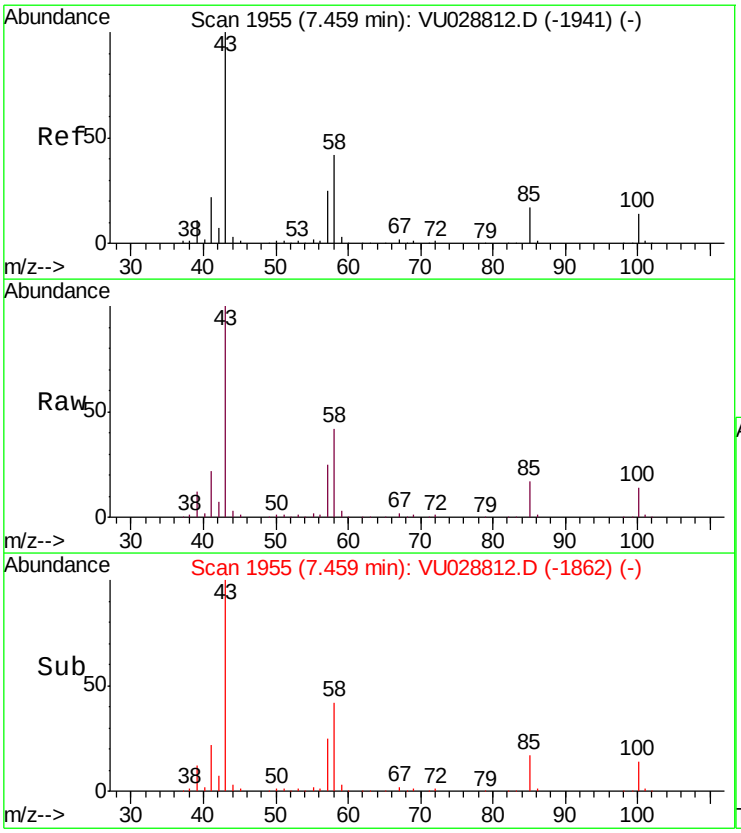
#39
cis-1,3-Dichloropropene
Concen: 51.334 ug/L
RT: 7.27 min Scan# 1895
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion: 75 Resp: 122487

Ion	Ratio	Lower	Upper
75	100		
77	31.2	21.8	40.6

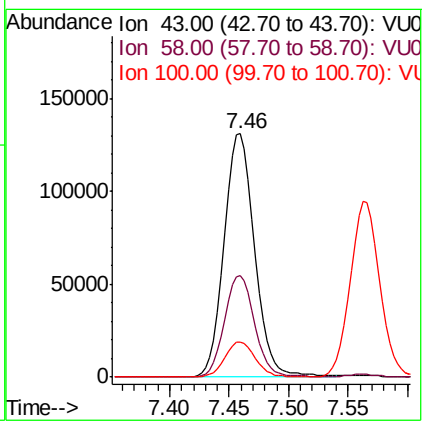


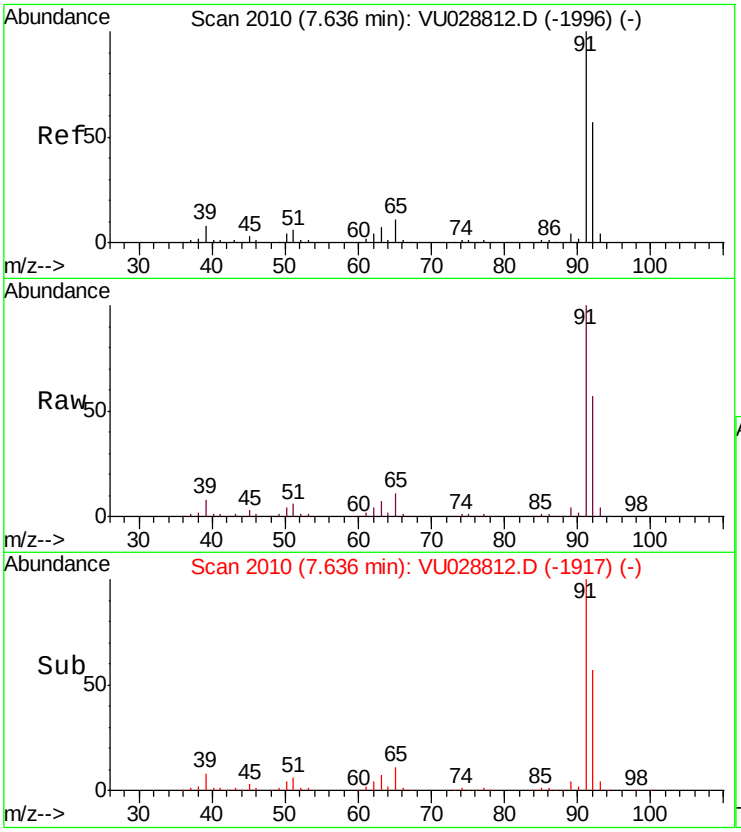


#40
4-Methyl-2-pentanone
Concen: 103.733 ug/L
RT: 7.46 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion: 43 Resp: 233358

Ion	Ratio	Lower	Upper
43	100		
58	41.4	33.1	49.7
100	14.4	11.5	17.3



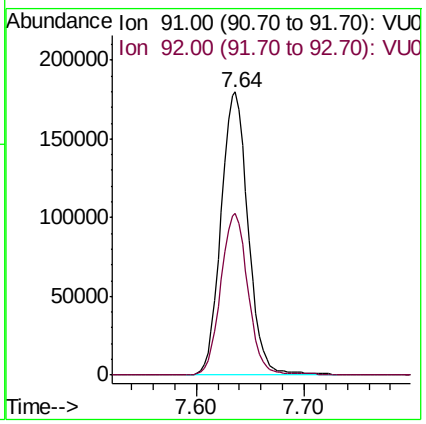


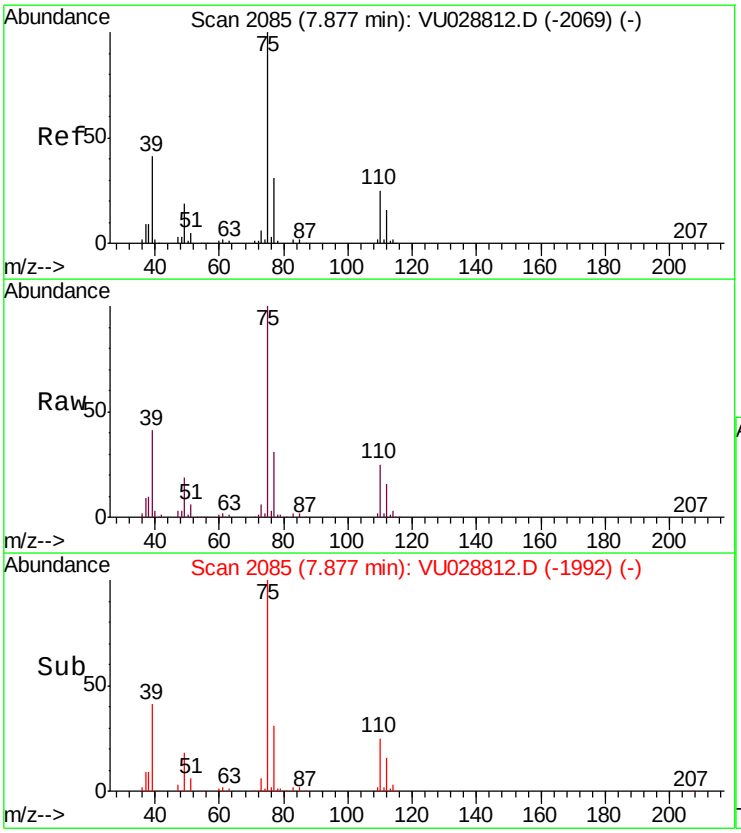
#42
Toluene
Concen: 52.089 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion: 91 Resp: 316146

Ion	Ratio	Lower	Upper
91	100		
92	57.0	39.9	74.1

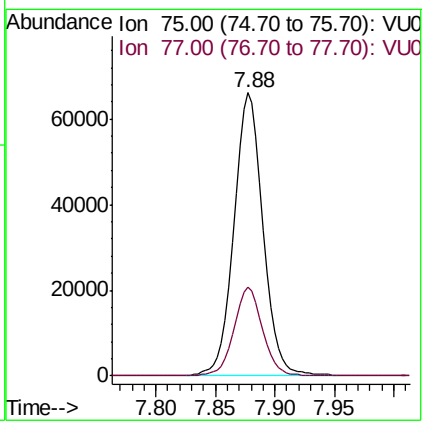


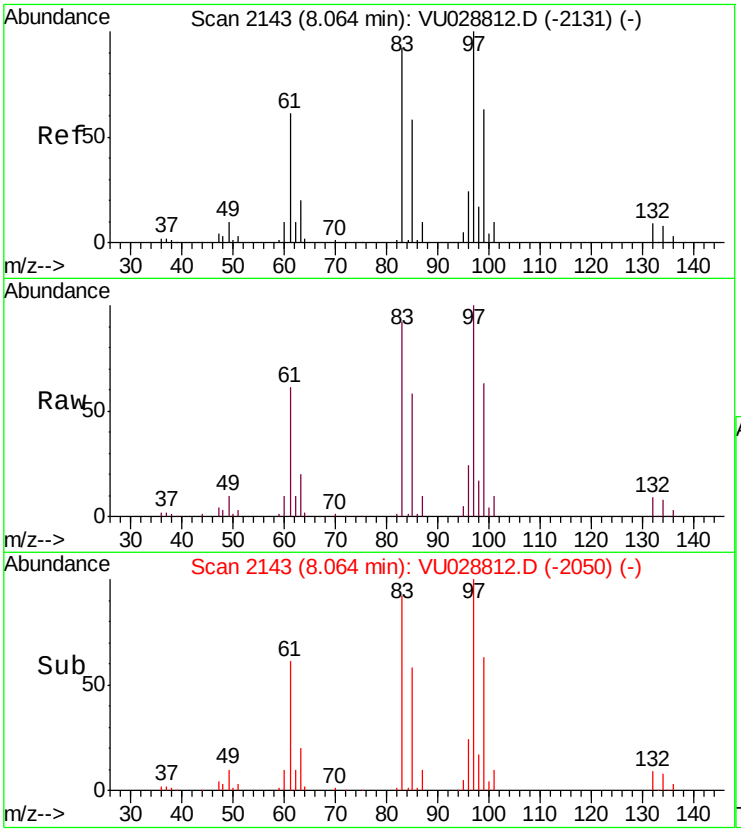


#44
trans-1,3-Dichloropropene
Concen: 52.574 ug/L
RT: 7.88 min Scan# 2085
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion: 75 Resp: 111823

Ion	Ratio	Lower	Upper
75	100		
77	31.2	21.8	40.6



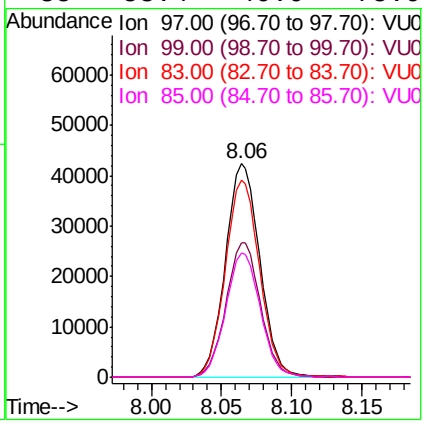


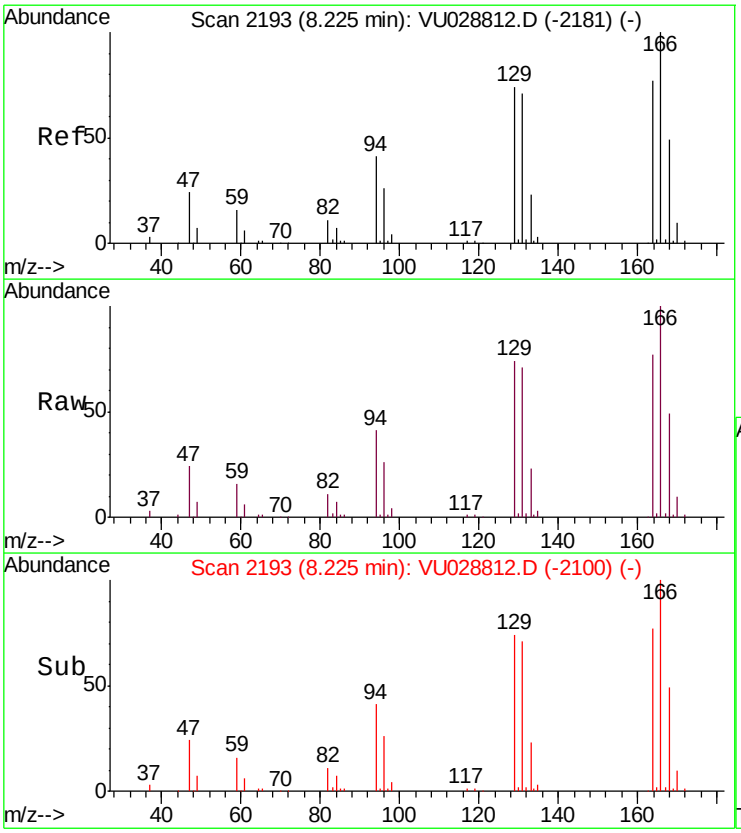
#45
1,1,2-Trichloroethane
Concen: 50.757 ug/L
RT: 8.06 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion: 97 Resp: 72634

Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.2	82.2
83	92.2	64.5	119.9
85	58.4	40.9	75.9

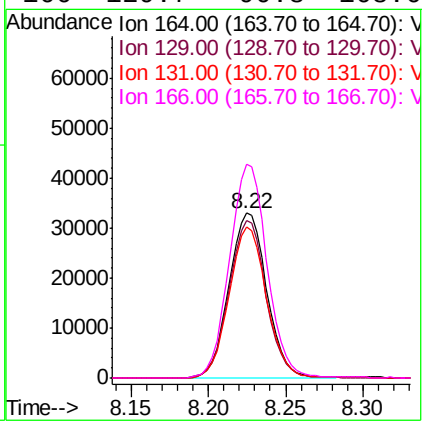


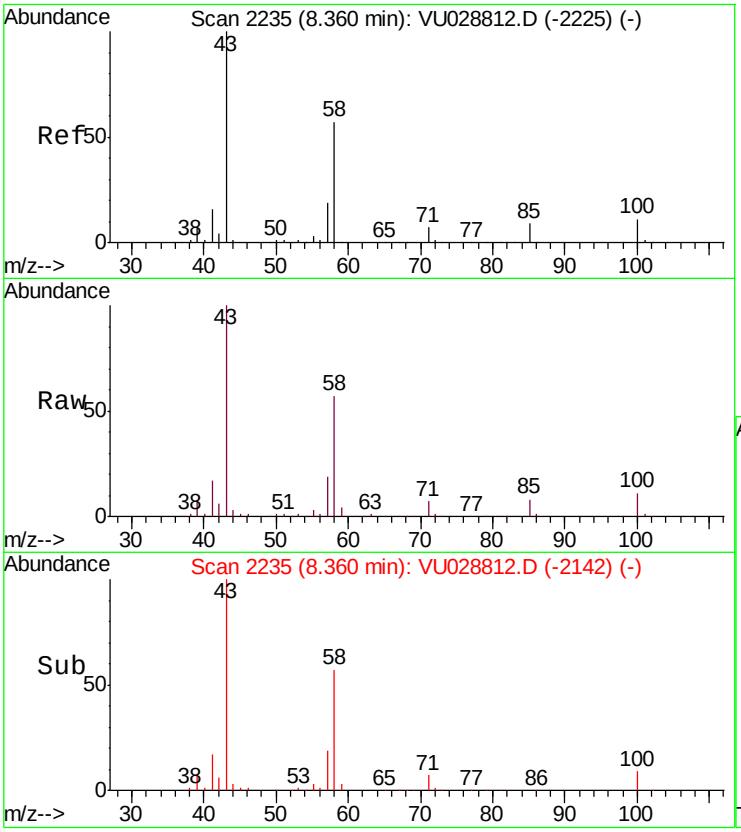


#46
Tetrachloroethene
Concen: 50.168 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion:164 Resp: 55851

Ion	Ratio	Lower	Upper
164	100		
129	95.4	66.8	124.0
131	91.7	64.2	119.2
166	129.7	90.8	168.6



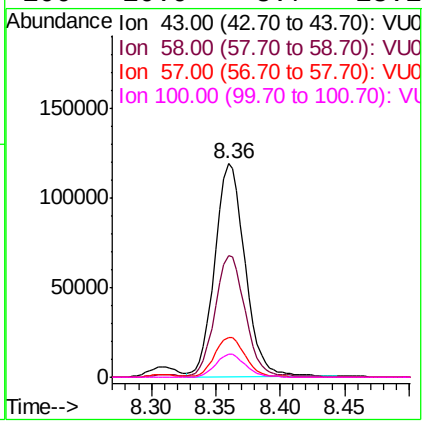


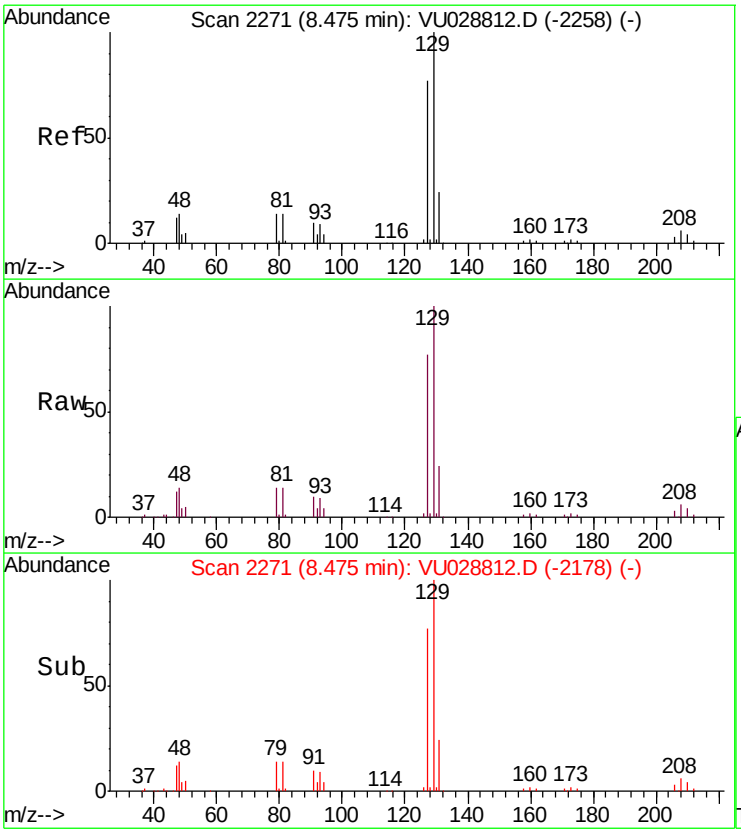
#48
2-Hexanone
Concen: 105.216 ug/L
RT: 8.36 min Scan# 2235
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument : MSVOA_U
ClientSampleId : VSTD05057

Tgt Ion: 43 Resp: 194267

Ion	Ratio	Lower	Upper
43	100		
58	57.4	45.9	68.9
57	18.7	15.0	22.4
100	10.9	8.7	13.1

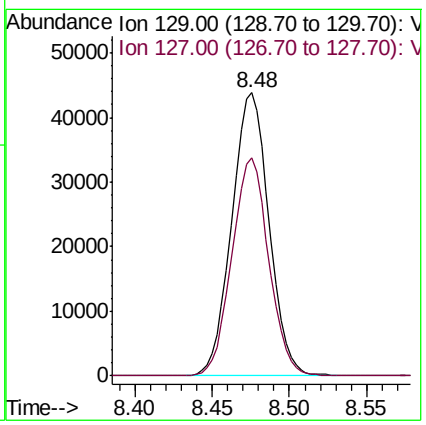


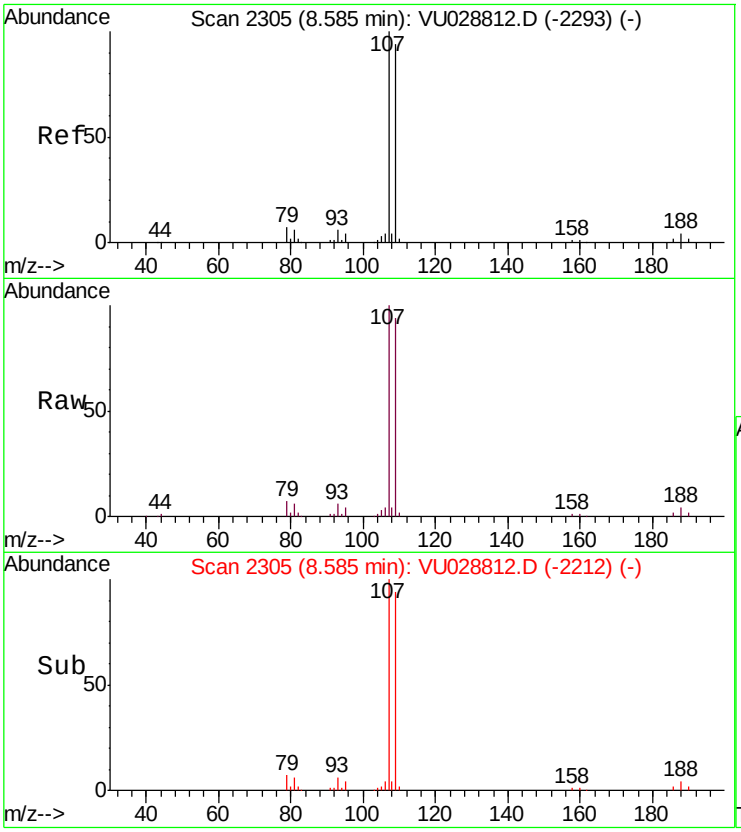


#49
Dibromochloromethane
Concen: 51.471 ug/L
RT: 8.48 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion:129 Resp: 73366

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.1	100.5



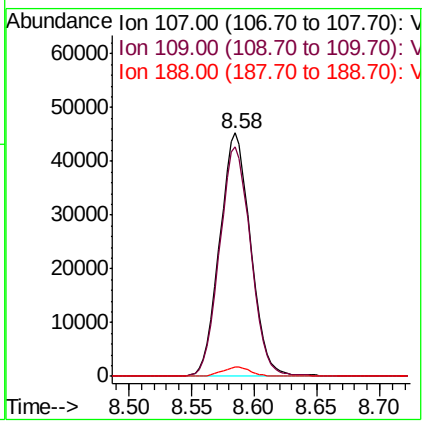


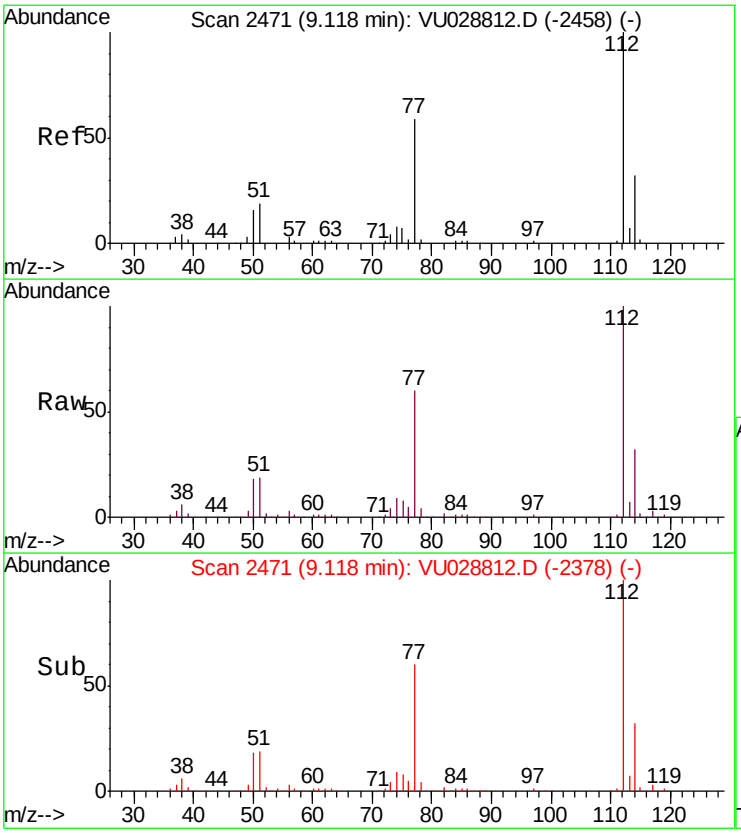
#50
1,2-Dibromoethane
Concen: 52.051 ug/L
RT: 8.58 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion:107 Resp: 77498

Ion	Ratio	Lower	Upper
107	100		
109	94.3	66.0	122.6
188	3.9	3.1	4.7

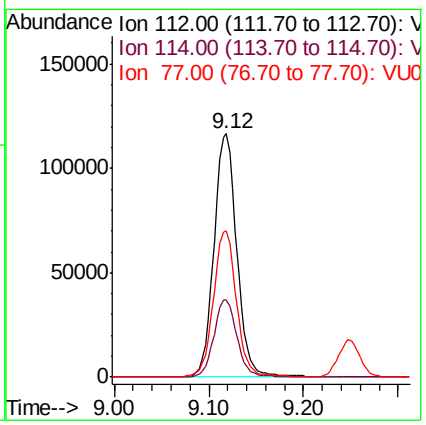


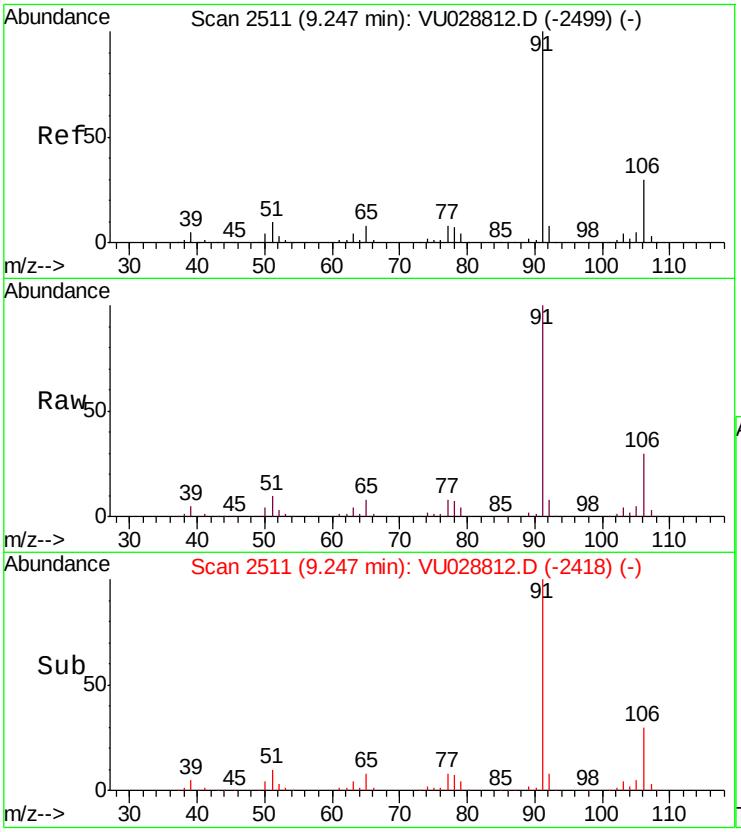


#51
Chlorobenzene
Concen: 51.109 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion:112 Resp: 195499

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.2	41.2
77	59.8	47.8	71.8



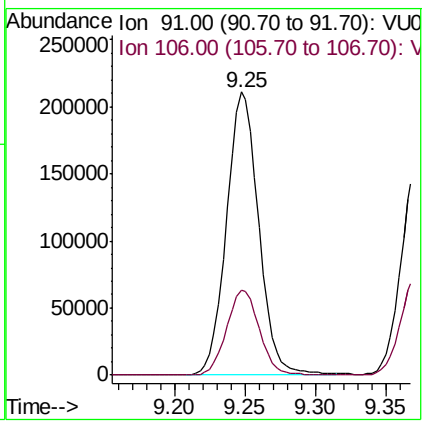


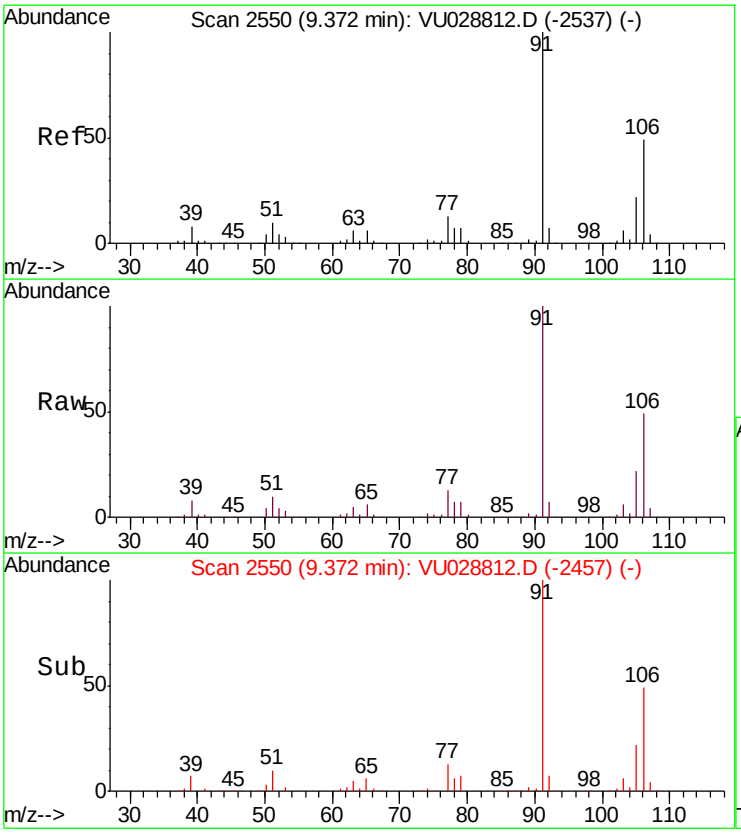
#52
Ethylbenzene
Concen: 51.704 ug/L
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument : MSVOA_U
ClientSampleId : VSTD05057

Tgt Ion: 91 Resp: 337186

Ion	Ratio	Lower	Upper
91	100		
106	29.9	20.9	38.9

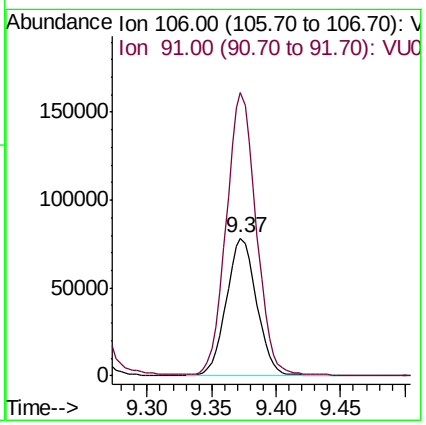


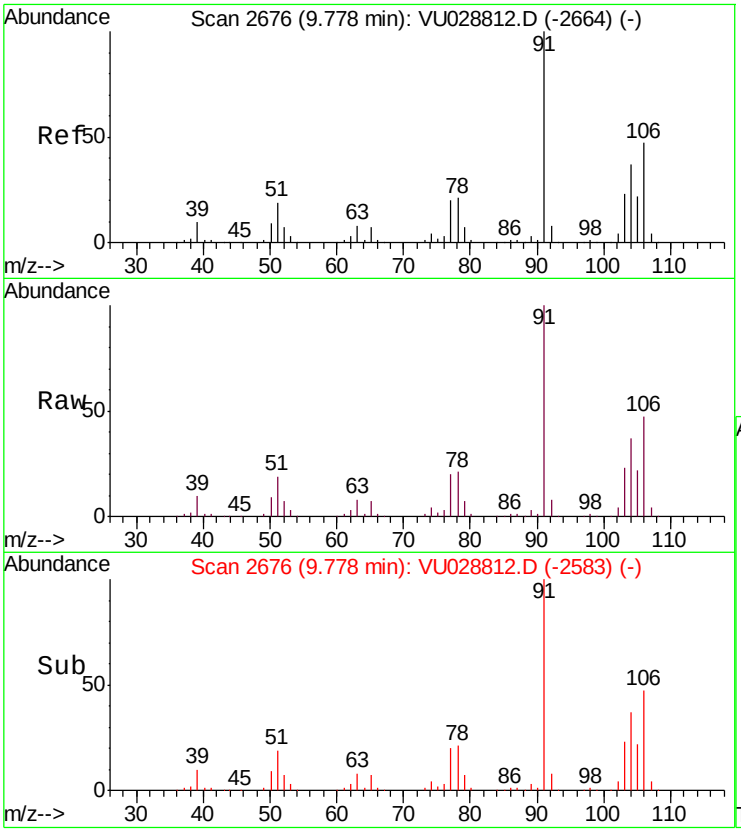


#53
m,p-Xylene
Concen: 52.610 ug/L
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion:106 Resp: 126874

Ion	Ratio	Lower	Upper
106	100		
91	205.8	144.1	267.5



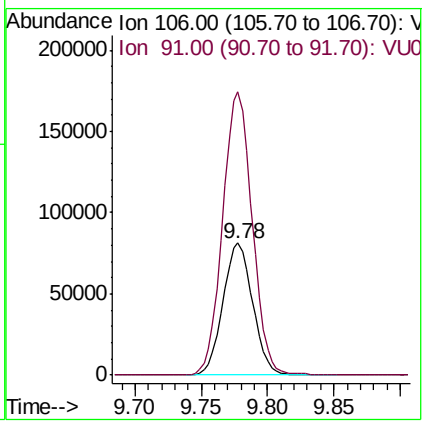


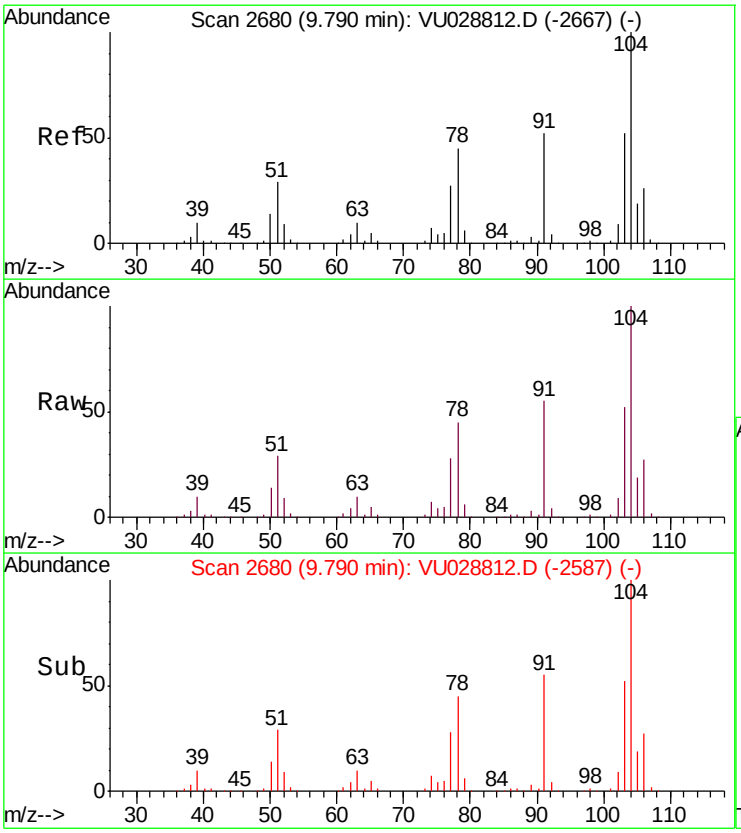
#54
o-xylene
Concen: 52.434 ug/L
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion:106 Resp: 126733

Ion	Ratio	Lower	Upper
106	100		
91	214.9	150.4	279.4

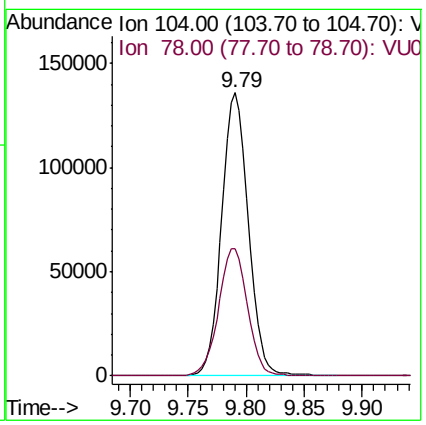


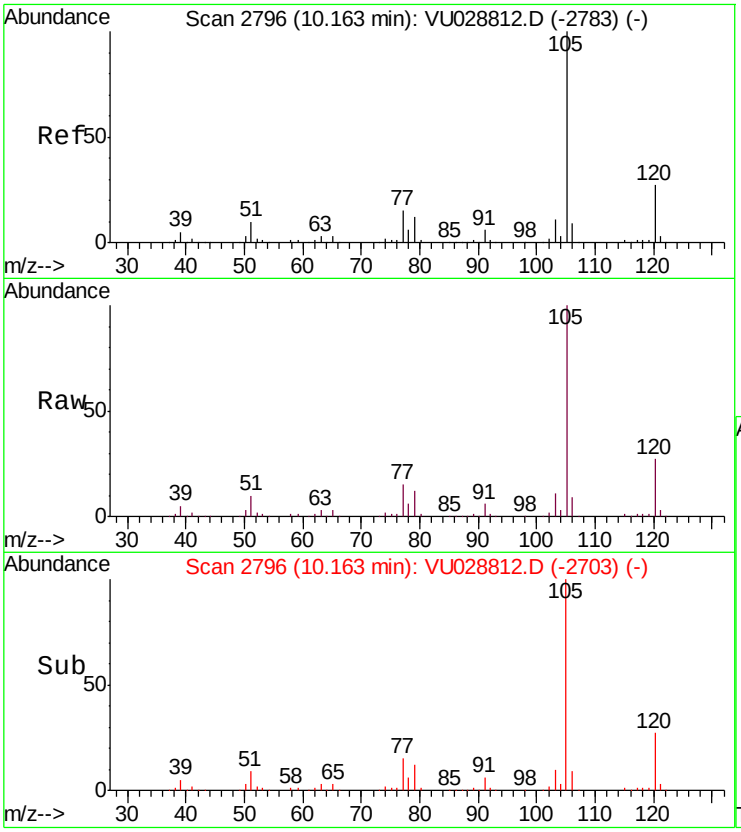


#55
Styrene
Concen: 52.790 ug/L
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion:104 Resp: 216096

Ion	Ratio	Lower	Upper
104	100		
78	44.7	31.3	58.1



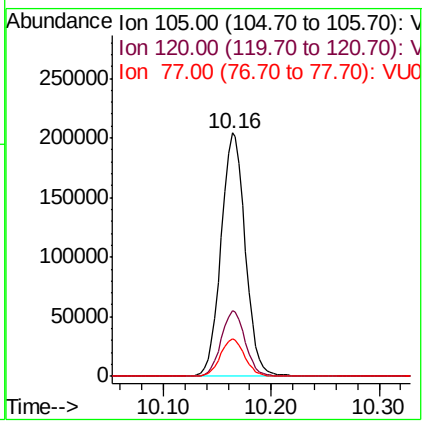


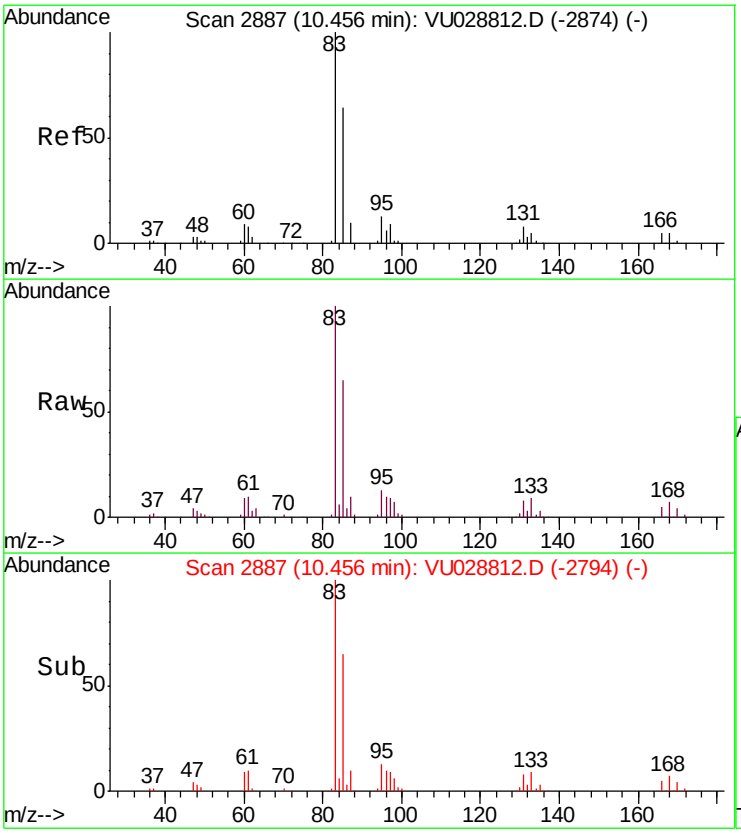
#56
Isopropylbenzene
Concen: 52.000 ug/L
RT: 10.16 min Scan# 2796
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument : MSVOA_U
ClientSampleId : VSTD05057

Tgt Ion:105 Resp: 318837

Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.4	32.2
77	15.4	12.3	18.5

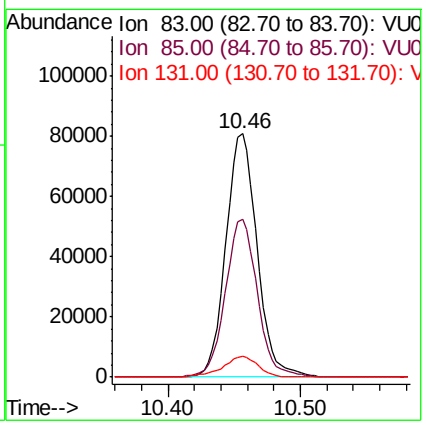


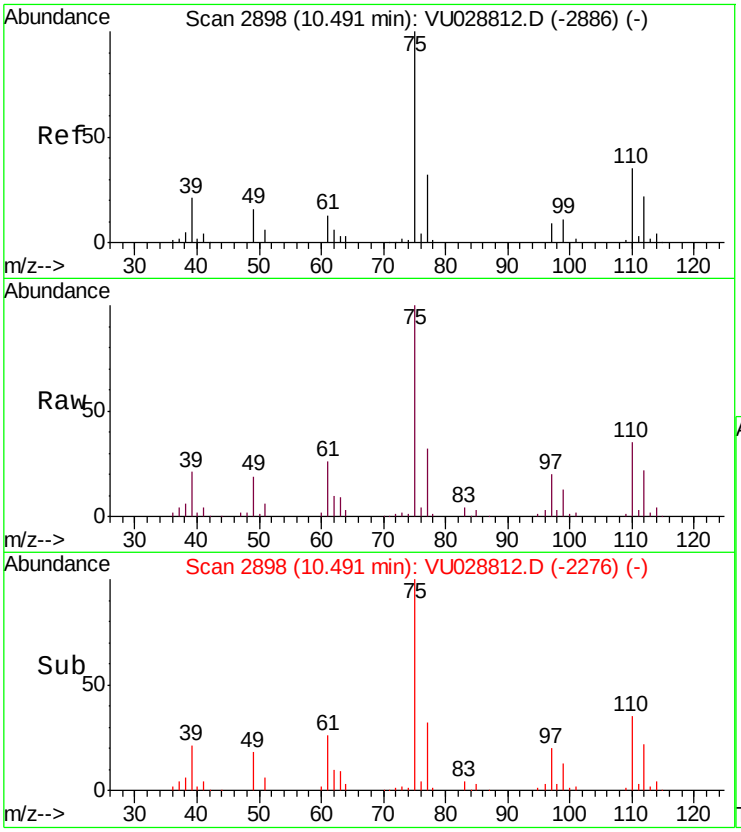


#58
1,1,2,2-Tetrachloroethane
Concen: 50.905 ug/L
RT: 10.46 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion: 83 Resp: 132336

Ion	Ratio	Lower	Upper
83	100		
85	64.7	45.3	84.1
131	8.4	6.7	10.1



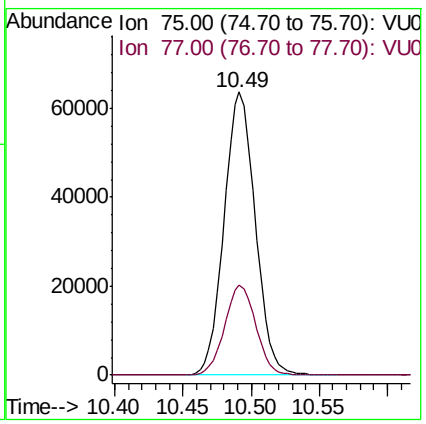


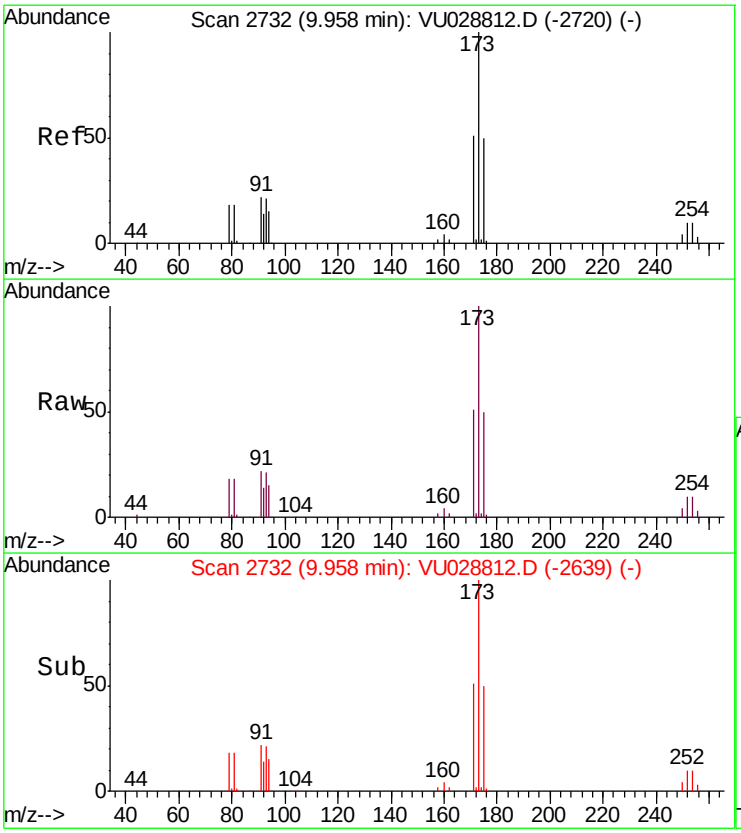
#59
1,2,3-Trichloropropane
Concen: 50.643 ug/L
RT: 10.49 min Scan# 2898
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument : MSVOA_U
ClientSampleId : VSTD05057

Tgt Ion: 75 Resp: 101148

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3

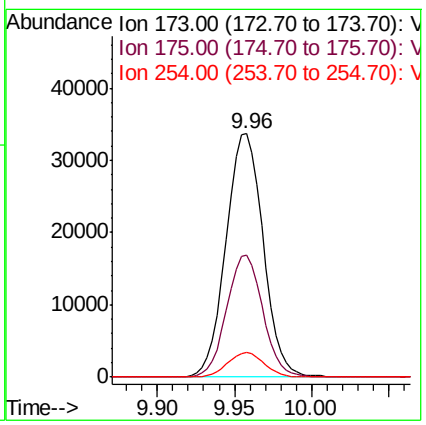


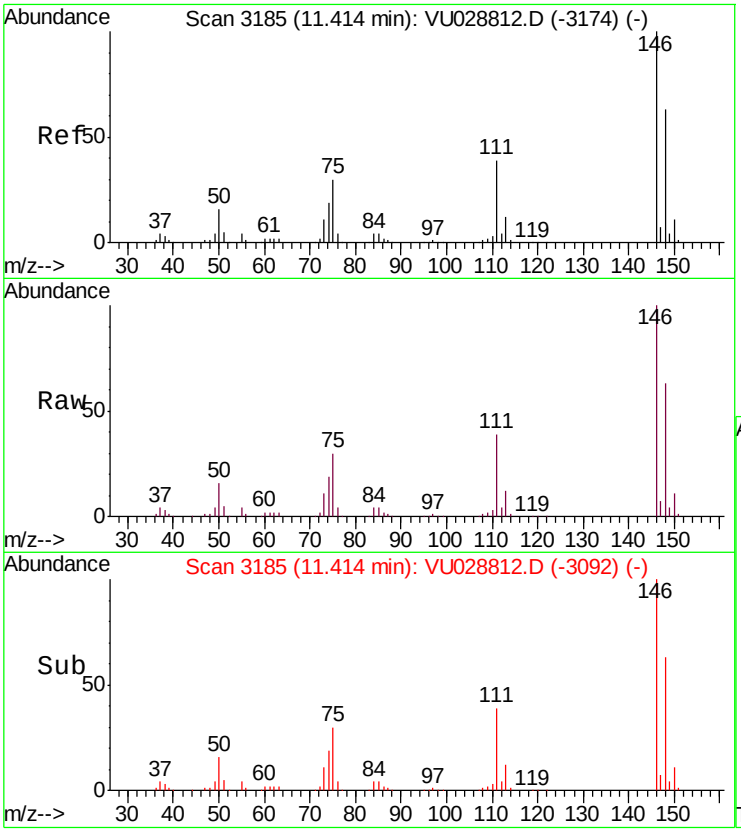


#61
Bromoform
Concen: 50.222 ug/L
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion:173 Resp: 56211

Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.9	58.3
254	9.8	7.8	11.8



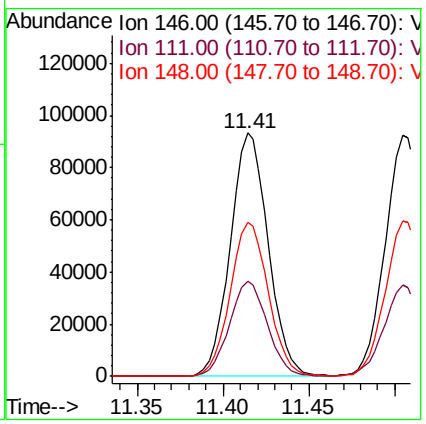


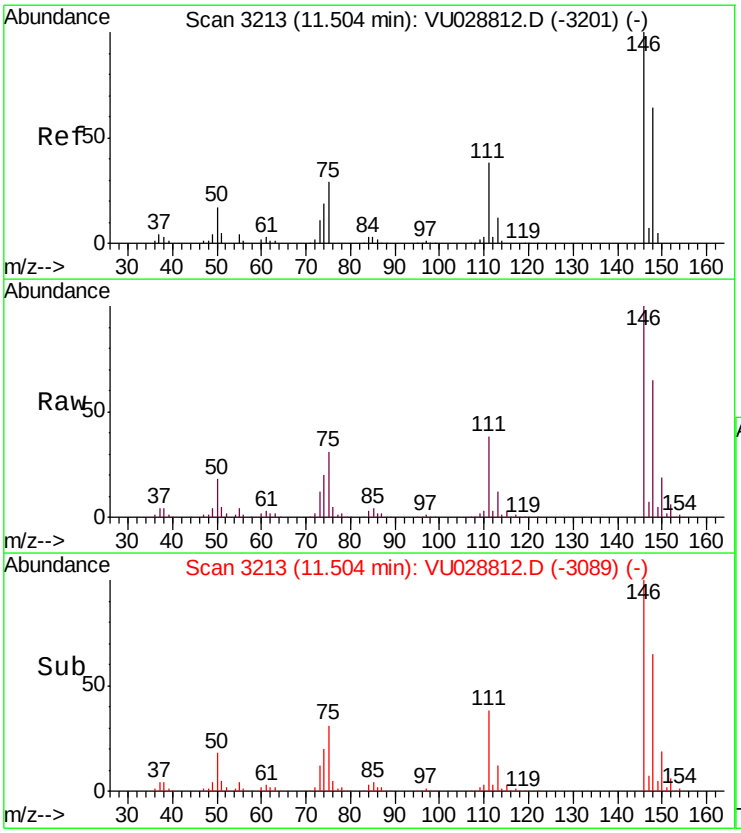
#62
1,3-Dichlorobenzene
Concen: 49.975 ug/L
RT: 11.41 min Scan# 3185
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion:146 Resp: 143337

Ion	Ratio	Lower	Upper
146	100		
111	39.1	27.4	50.8
148	63.2	44.2	82.2

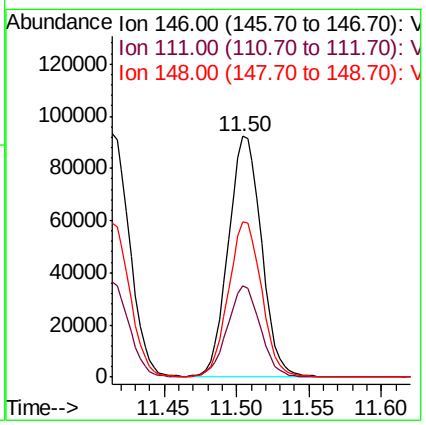


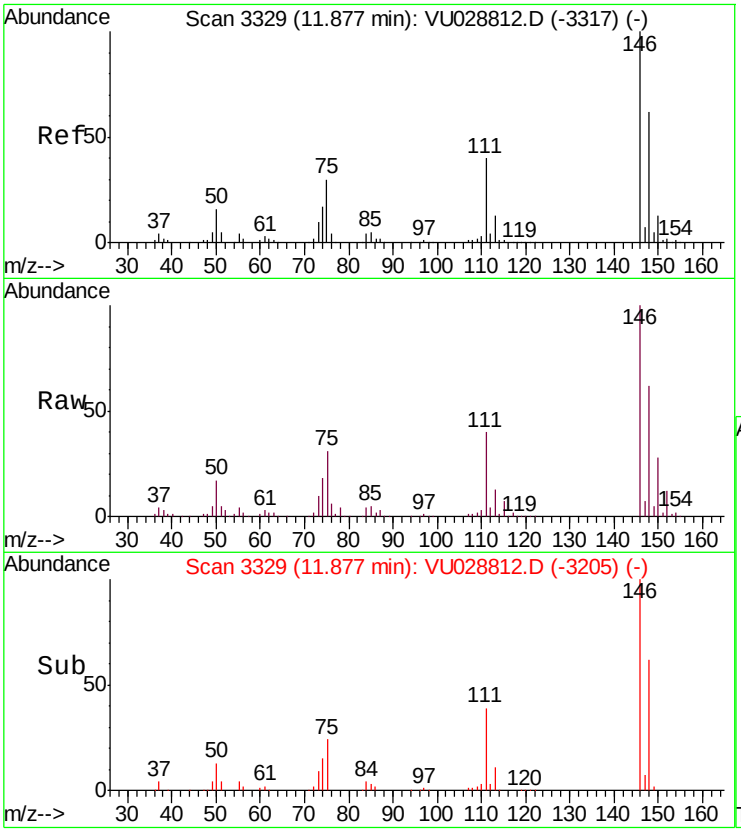


#63
1,4-Dichlorobenzene
Concen: 49.422 ug/L
RT: 11.50 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion:146 Resp: 146043

Ion	Ratio	Lower	Upper
146	100		
111	37.8	26.5	49.1
148	64.5	45.1	83.9



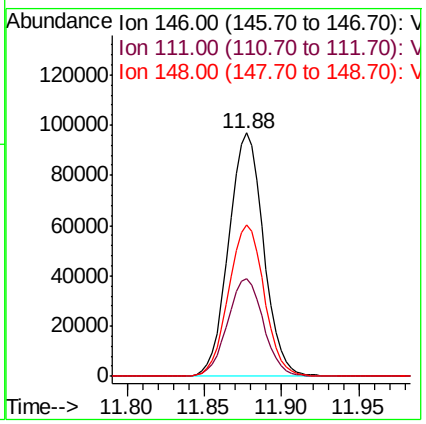


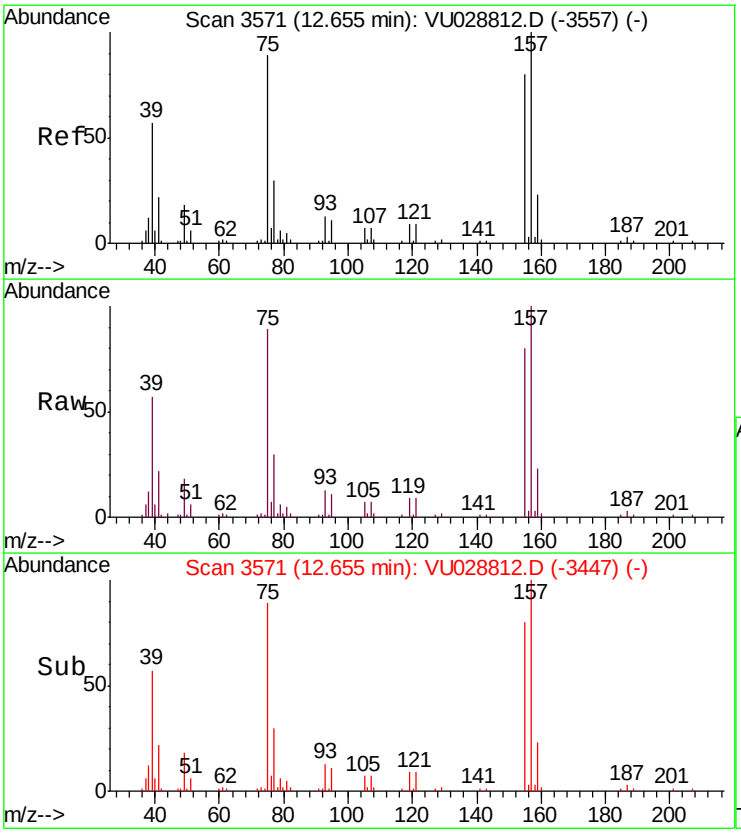
#65
1,2-Dichlorobenzene
Concen: 50.613 ug/L
RT: 11.88 min Scan# 3329
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument : MSVOA_U
ClientSampleId : VSTD05057

Tgt Ion:146 Resp: 151432

Ion	Ratio	Lower	Upper
146	100		
111	40.1	32.1	48.1
148	62.1	49.7	74.5

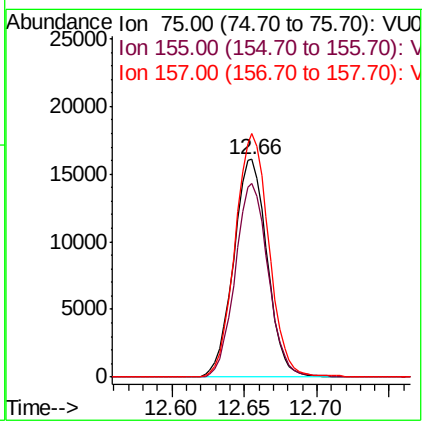


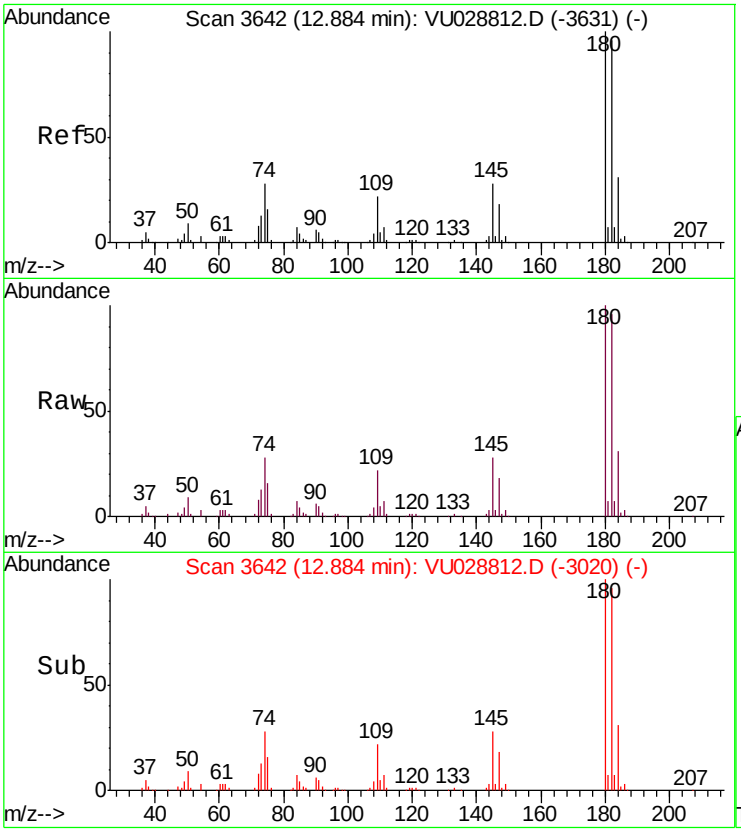


#66
1,2-Dibromo-3-chloropropane
Concen: 50.030 ug/L
RT: 12.66 min Scan# 3571
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion: 75 Resp: 25820

Ion	Ratio	Lower	Upper
75	100		
155	89.3	71.4	107.2
157	112.0	89.6	134.4



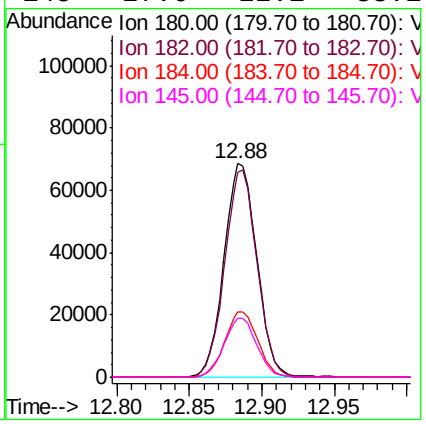


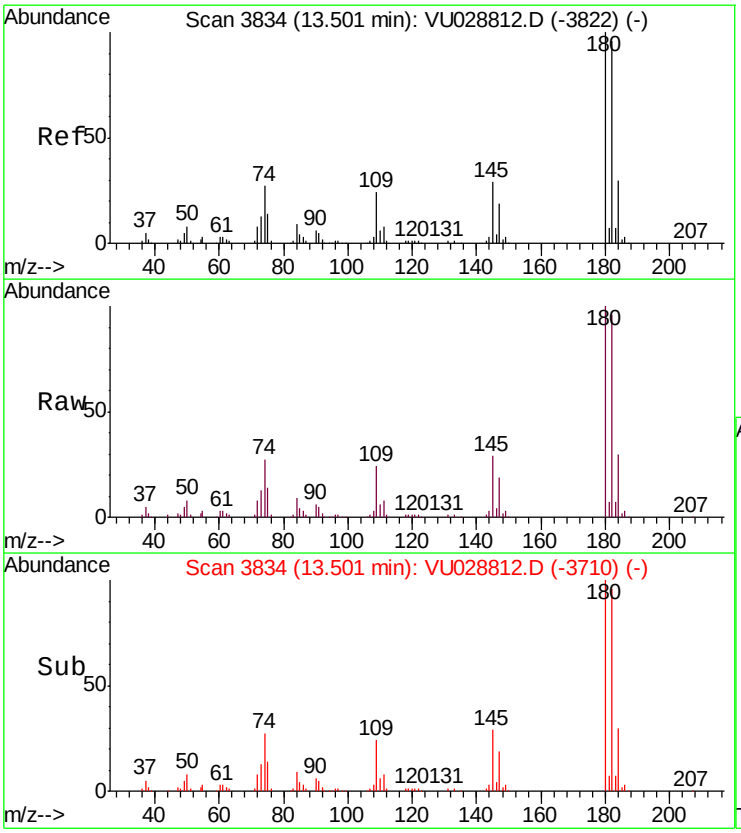
#67
1,3,5-Trichlorobenzene
Concen: 50.737 ug/L
RT: 12.88 min Scan# 3642
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion:180 Resp: 107293

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
184	30.7	24.6	36.8
145	27.6	22.1	33.1

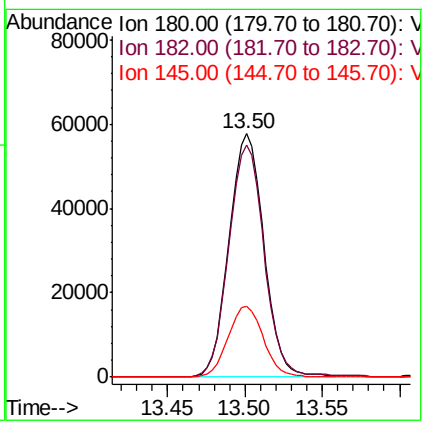


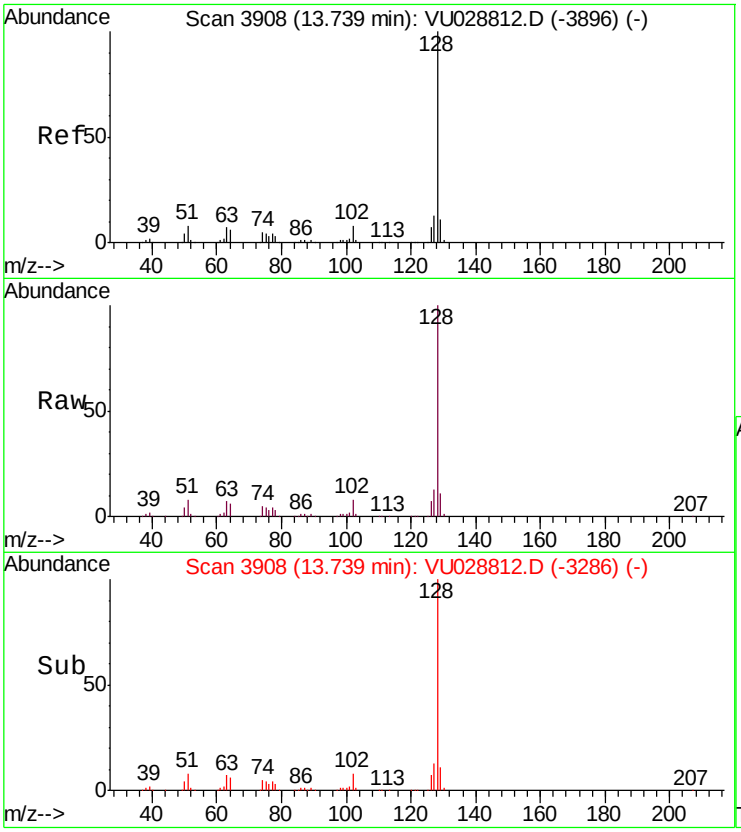


#68
1,2,4-trichlorobenzene
Concen: 51.130 ug/L
RT: 13.50 min Scan# 3834
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion:180 Resp: 90544

Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.4	116.0
145	29.4	23.5	35.3



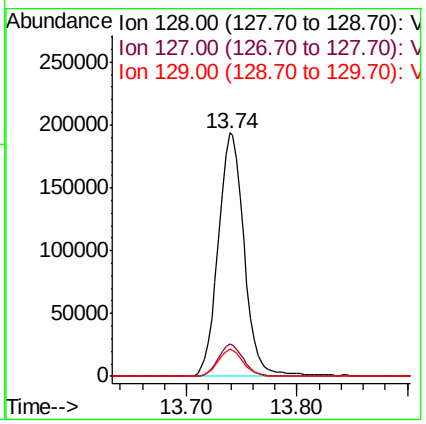


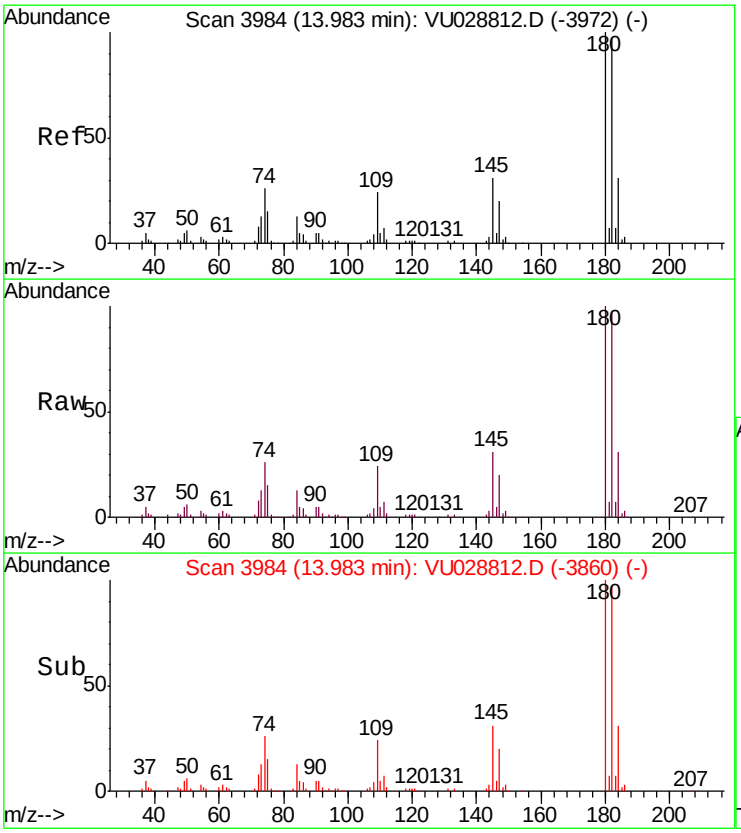
#69
Naphthalene
Concen: 51.318 ug/L
RT: 13.74 min Scan# 3908
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTD05057

Tgt Ion:128 Resp: 315516

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	8.7	13.1





#70
1,2,3-Trichlorobenzene
Concen: 50.660 ug/L
RT: 13.98 min Scan# 3984
Delta R.T. 0.00 min
Lab File: VU028812.D
Acq: 20 Dec 2018 10:10

Tgt Ion:180 Resp: 96737

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.8
145	30.6	24.5	36.7