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

Quantitation Report (Not Reviewed)

Data File : VU028834.D
Acq On : 20 Dec 2018 19:07
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05041

Quant Time: Dec 21 03:58:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:50:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	219333	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	207588	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96260	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	91738	52.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.34%			
7) Chloroethane-d5	1.67	69	70524	51.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.86%			
11) 1,1-Dichloroethene-d2	2.27	63	153069	51.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.52%			
21) 2-Butanone-d5	4.18	46	134223	108.95	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.95%			
24) Chloroform-d	4.65	84	146410	52.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.90%			
26) 1,2-Dichloroethane-d4	5.31	65	88871	52.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.28%			
32) Benzene-d6	5.34	84	316105	53.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.80%			
36) 1,2-Dichloropropane-d6	6.33	67	106587	53.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.00%			
41) Toluene-d8	7.56	98	286008	53.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.64%			
43) trans-1,3-Dichloropropene-	7.85	79	46944	52.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.16%			
47) 2-Hexanone-d5	8.31	63	107188	113.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.28%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	144127	52.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.28%			
64) 1,2-Dichlorobenzene-d4	11.86	152	103013	52.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	89728	50.170	ug/L	100
3) Chloromethane	1.33	50	119688	49.215	ug/L	99
5) Vinyl chloride	1.40	62	111750	52.015	ug/L	98
6) Bromomethane	1.61	94	45439	49.652	ug/L	97
8) Chloroethane	1.69	64	63384	51.687	ug/L	99
9) Trichlorofluoromethane	1.88	101	113673	51.740	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	71831	50.533	ug/L	100
12) 1,1-Dichloroethene	2.28	96	70238	49.945	ug/L	88
13) Acetone	2.32	43	86861	69.185	ug/L	99
14) Carbon disulfide	2.48	76	239358	48.739	ug/L	100
15) Methyl Acetate	2.61	43	100430	51.310	ug/L	100
16) Methylene chloride	2.70	84	88536	51.051	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	77743	51.026	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	247825	52.897	ug/L	99
19) 1,1-Dichloroethane	3.44	63	150497	50.814	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	88510	51.283	ug/L	97
22) 2-Butanone	4.26	43	141258	92.396	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : VU028834.D
Acq On : 20 Dec 2018 19:07
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05041

Quant Time: Dec 21 03:58:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:50:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	41869	50.888	ug/L	98
25) Chloroform	4.67	83	142770	50.646	ug/L	99
27) 1,2-Dichloroethane	5.40	62	107814	51.462	ug/L	100
29) Cyclohexane	4.99	56	146264	52.939	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	111797	50.882	ug/L	99
31) Carbon tetrachloride	5.13	117	87259	49.249	ug/L	98
33) Benzene	5.39	78	346764	52.470	ug/L	100
34) Trichloroethene	6.18	95	81399	51.017	ug/L	99
35) Methylcyclohexane	6.41	83	138299	52.043	ug/L	99
37) 1,2-Dichloropropane	6.43	63	96057	51.996	ug/L	100
38) Bromodichloromethane	6.76	83	102891	50.293	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	137588	52.240	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	264395	106.477	ug/L	99
42) Toluene	7.64	91	354176	52.867	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	120808	51.457	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	82306	52.107	ug/L	99
46) Tetrachloroethene	8.22	164	63308	51.519	ug/L	99
48) 2-Hexanone	8.36	43	203593	99.897	ug/L	99
49) Dibromochloromethane	8.48	129	76702	48.751	ug/L	100
50) 1,2-Dibromoethane	8.58	107	87734	53.385	ug/L	99
51) Chlorobenzene	9.12	112	218237	51.688	ug/L	100
52) Ethylbenzene	9.25	91	379523	52.723	ug/L	97
53) m,p-Xylene	9.37	106	142145	53.400	ug/L	96
54) o-xylene	9.78	106	142481	53.405	ug/L	99
55) Styrene	9.79	104	240765	53.285	ug/L	99
56) Isopropylbenzene	10.16	105	357845	52.874	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	145915	50.850	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	112681	51.111	ug/L	100
61) Bromoform	9.96	173	56873	47.661	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	158780	51.926	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	158618	50.348	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	164541	51.583	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.66	75	26975	49.026	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	117854	52.274	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	100630	53.300	ug/L	99
69) Naphthalene	13.74	128	359641	54.867	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	105768	51.954	ug/L	99

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

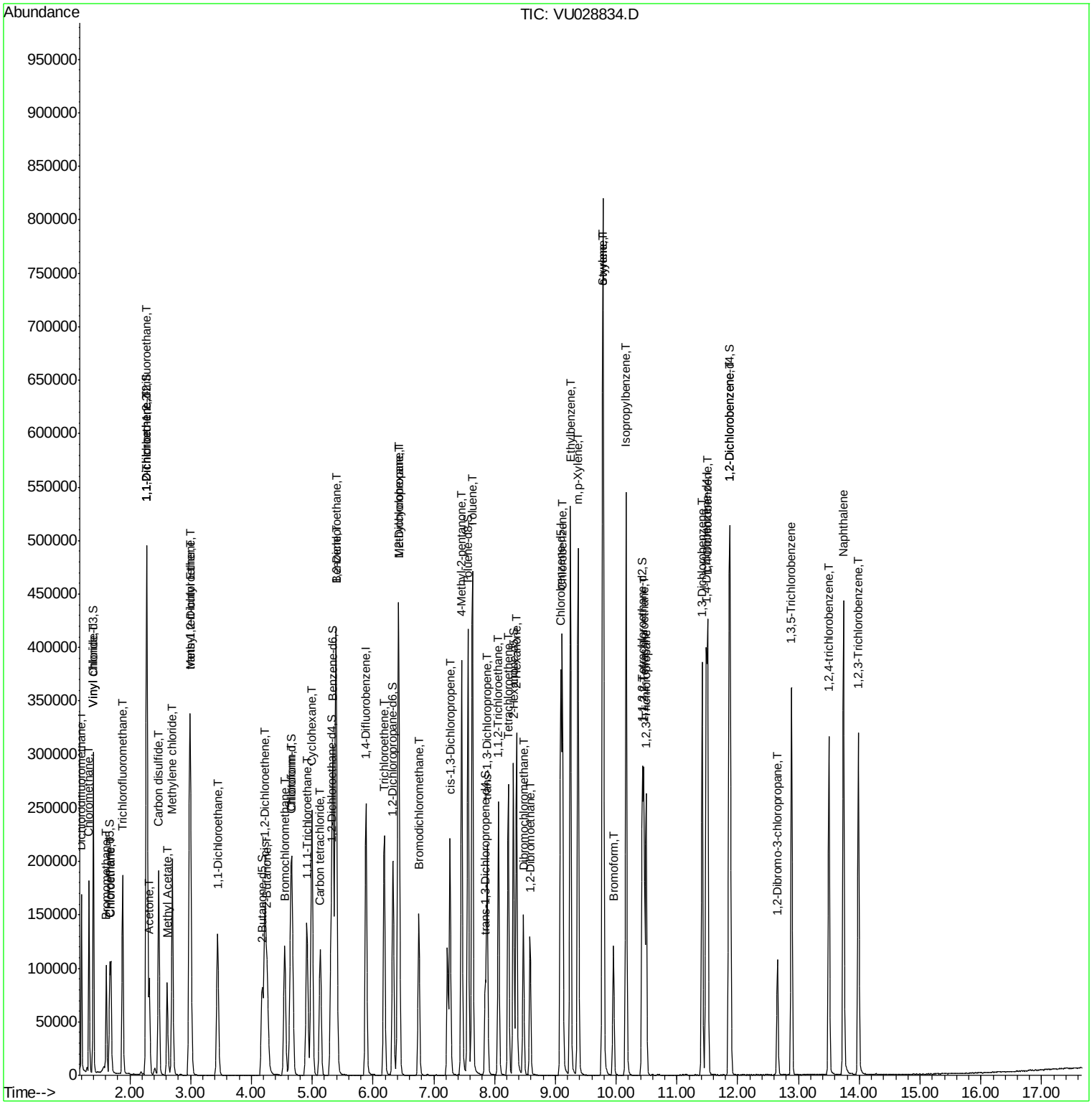
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\

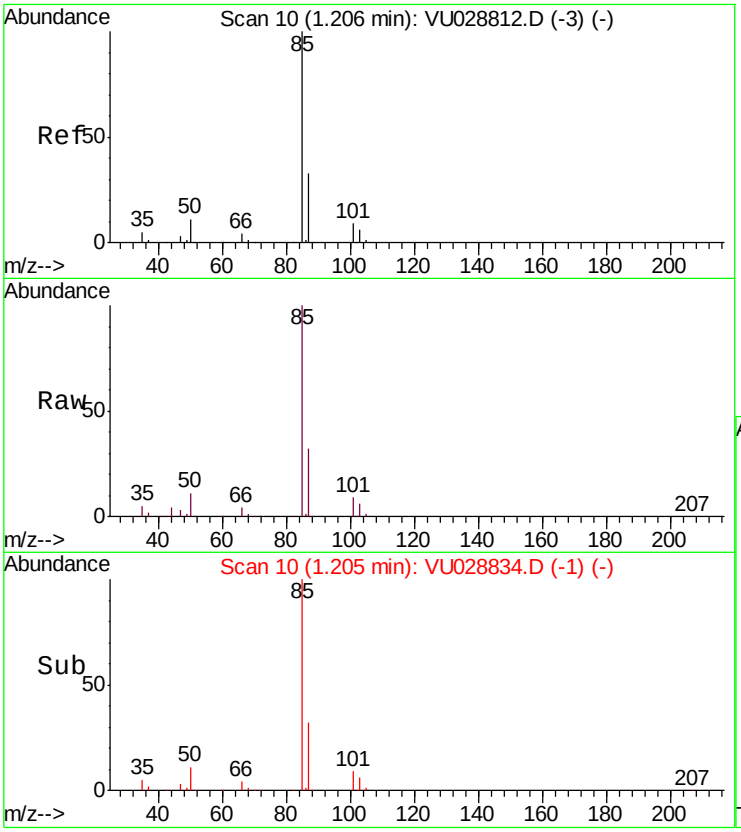
Quantitation Report (Not Reviewed)

Data File : VU028834.D
Acq On : 20 Dec 2018 19:07
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Quant Time: Dec 21 03:58:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 03:50:07 2018
Response via : Initial Calibration



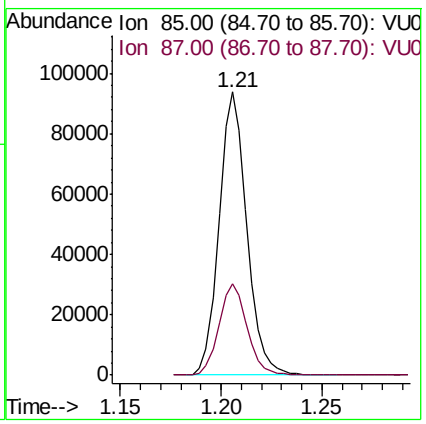


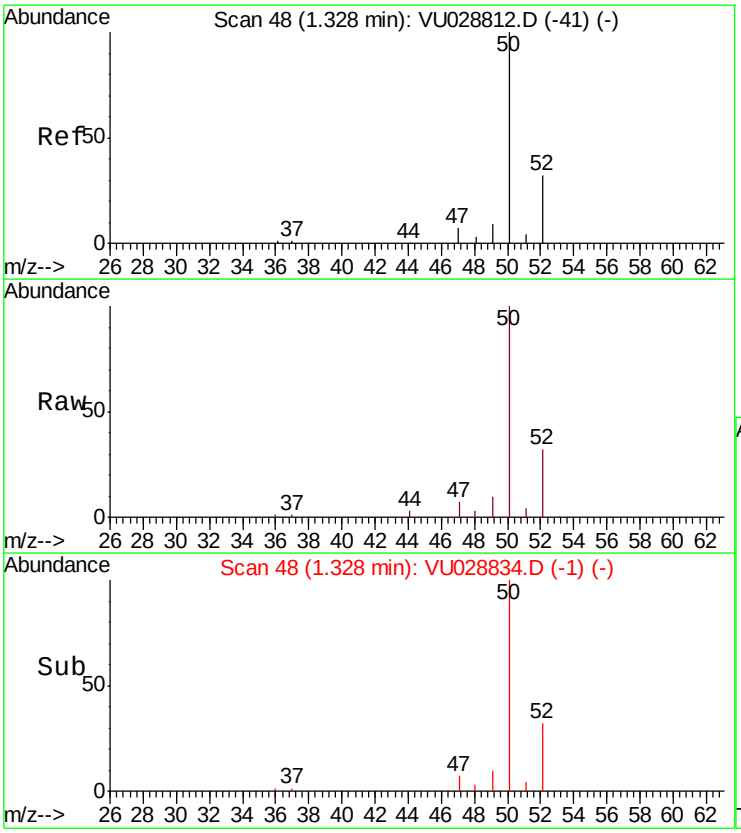
#2
Dichlorodifluoromethane
Concen: 50.170 ug/L
RT: 1.21 min Scan# 10
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 85 Resp: 89728

Ion	Ratio	Lower	Upper
85	100		
87	32.7	26.3	39.5

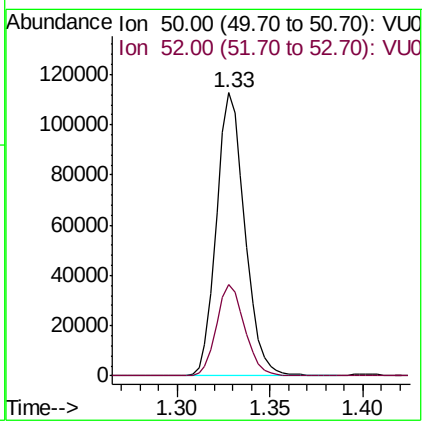


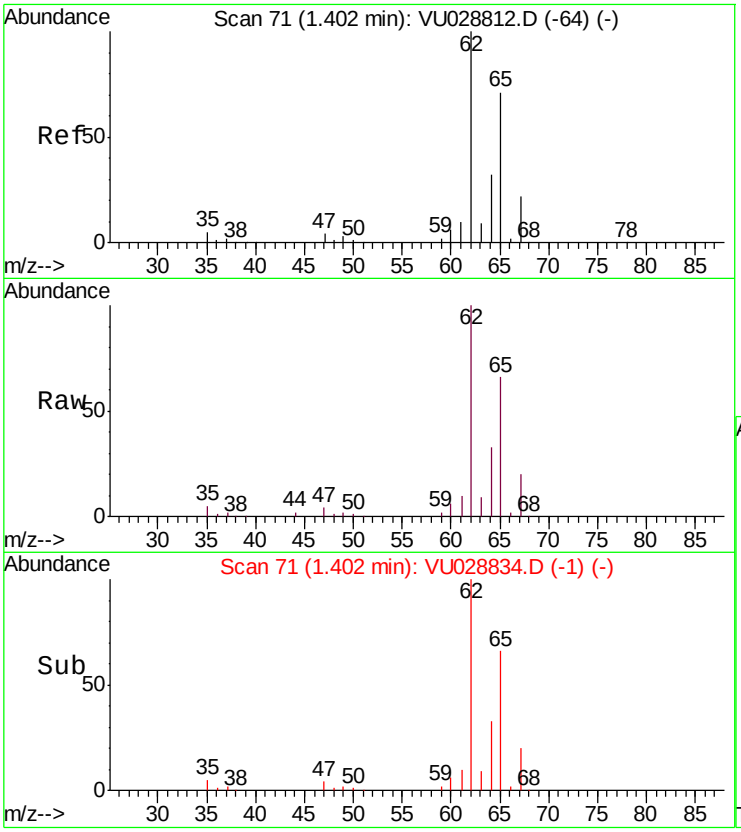


#3
Chloromethane
Concen: 49.215 ug/L
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion: 50 Resp: 119688

Ion	Ratio	Lower	Upper
50	100		
52	32.2	22.3	41.3



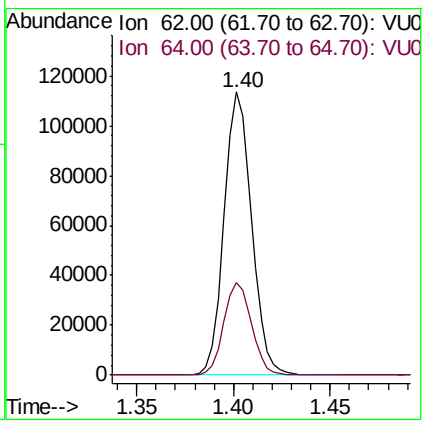


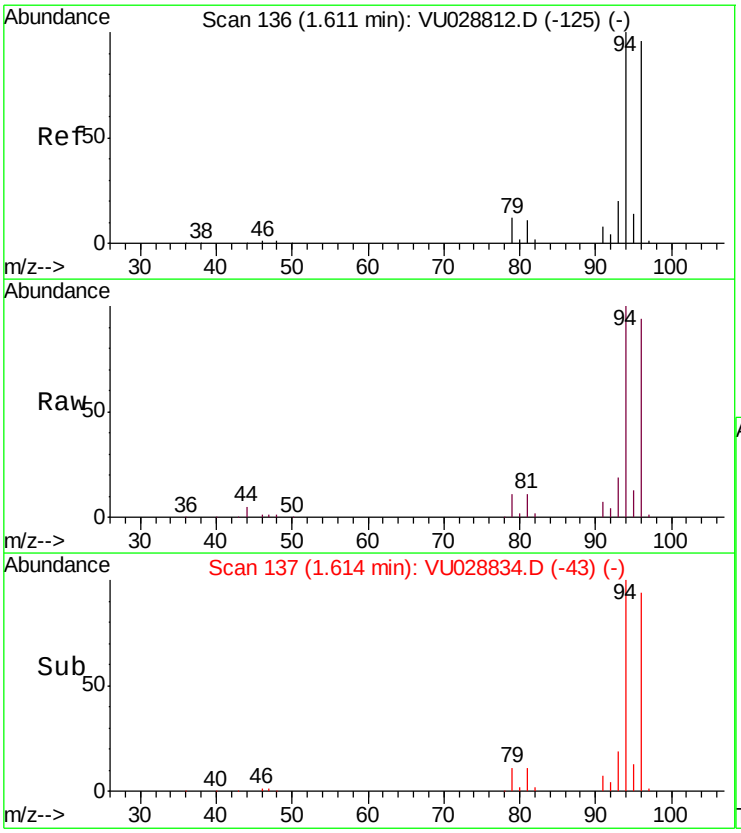
#5
Vinyl chloride
Concen: 52.015 ug/L
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 62 Resp: 111750

Ion	Ratio	Lower	Upper
62	100		
64	32.9	22.3	41.3

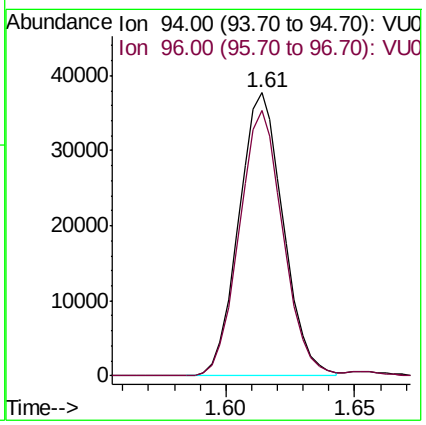


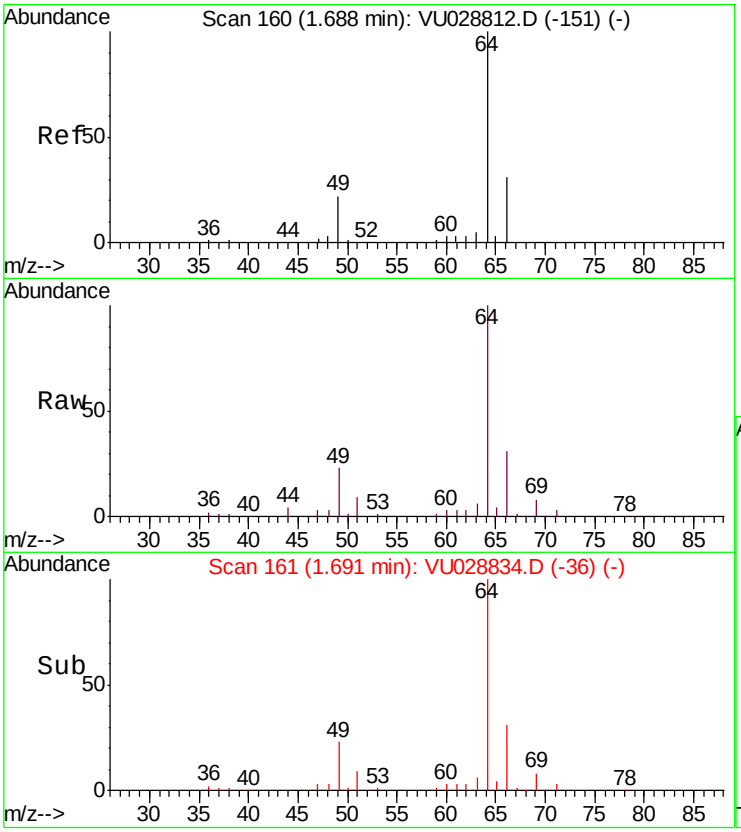


#6
Bromomethane
Concen: 49.652 ug/L
RT: 1.61 min Scan# 137
Delta R.T. 0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion: 94 Resp: 45439

Ion	Ratio	Lower	Upper
94	100		
96	93.7	67.3	125.1



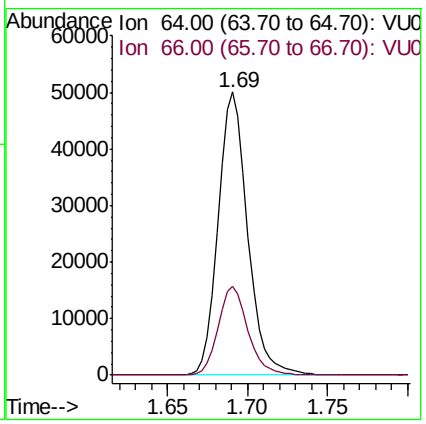


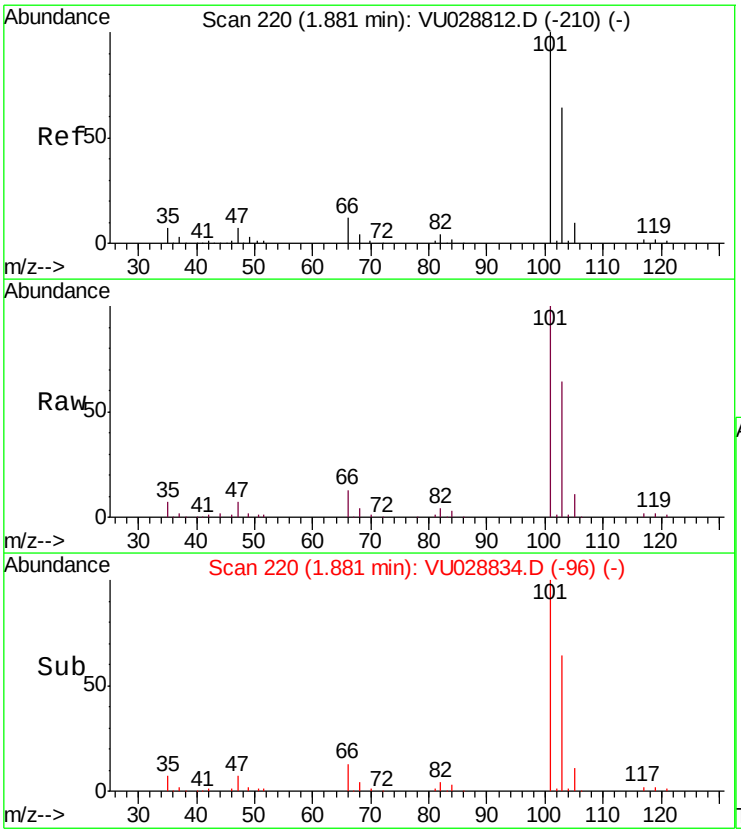
#8
Chloroethane
Concen: 51.687 ug/L
RT: 1.69 min Scan# 161
Delta R.T. 0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 64 Resp: 63384

Ion	Ratio	Lower	Upper
64	100		
66	31.5	21.5	39.9

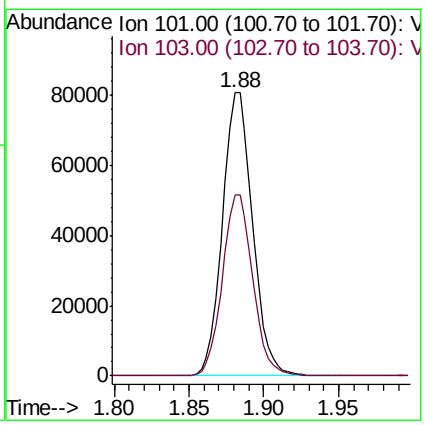


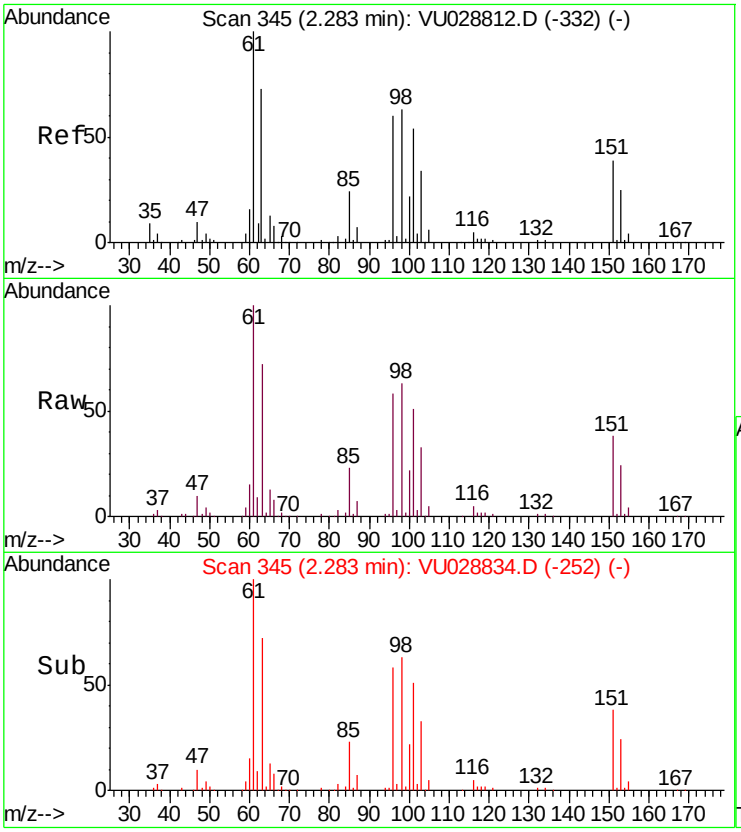


#9
Trichlorofluoromethane
Concen: 51.740 ug/L
RT: 1.88 min Scan# 220
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion:101 Resp: 113673

Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.4	77.0



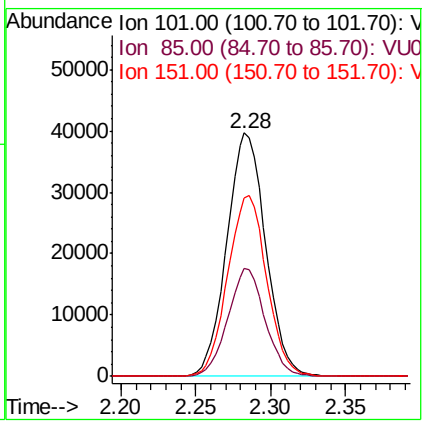


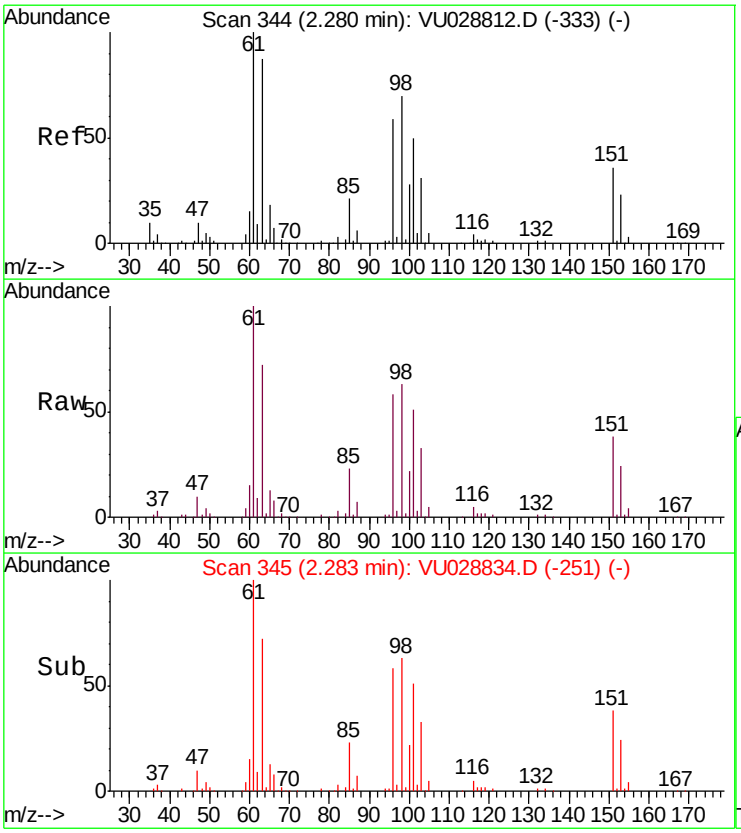
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.533 ug/L
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion:101 Resp: 71831

Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.8	50.6
151	74.5	59.4	89.0

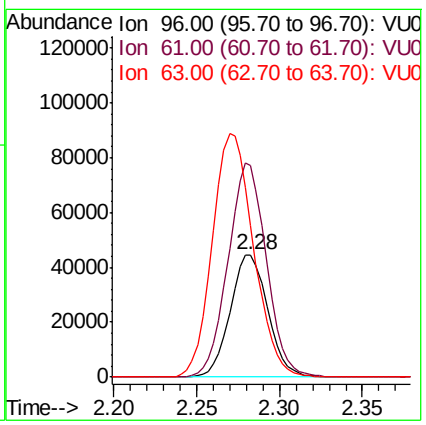


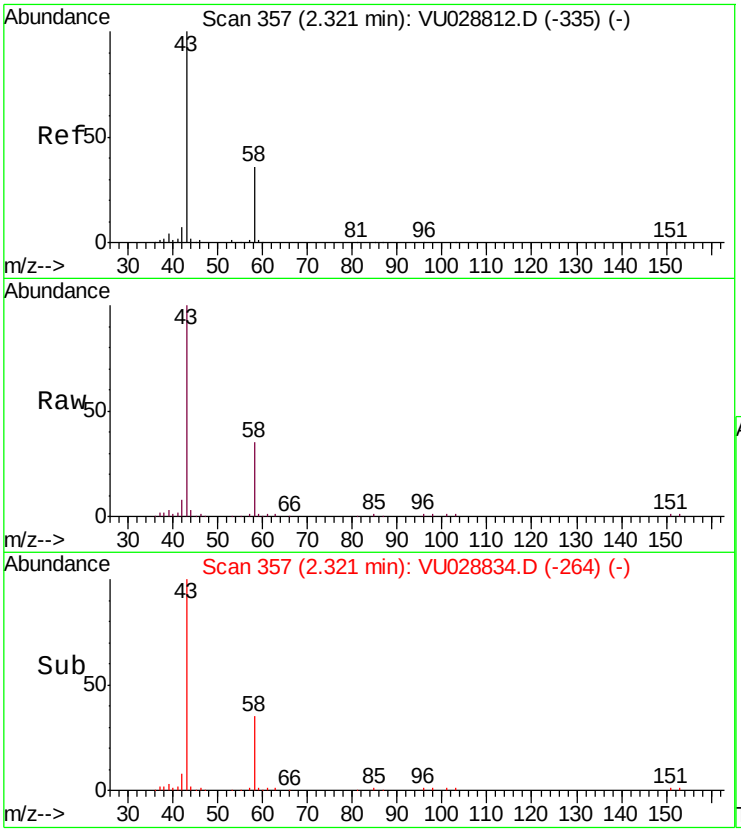


#12
1,1-Dichloroethene
Concen: 49.945 ug/L
RT: 2.28 min Scan# 345
Delta R.T. 0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion: 96 Resp: 70238

Ion	Ratio	Lower	Upper
96	100		
61	172.5	119.3	221.5
63	123.5	107.4	199.6



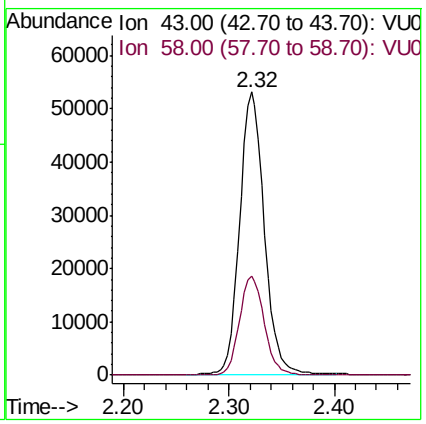


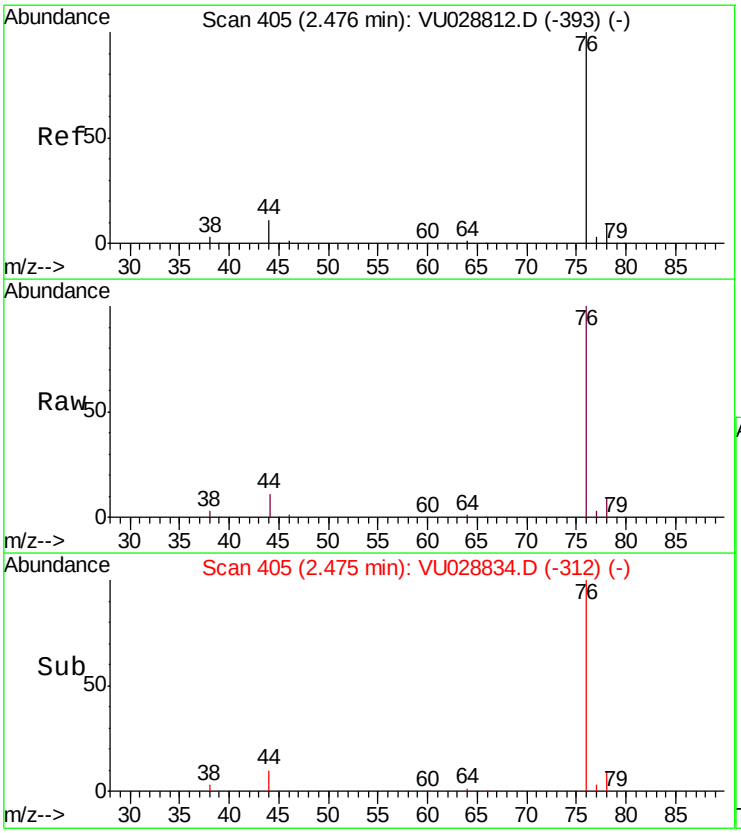
#13
Acetone
Concen: 69.185 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 43 Resp: 86861

Ion	Ratio	Lower	Upper
43	100		
58	34.5	0.0	70.2

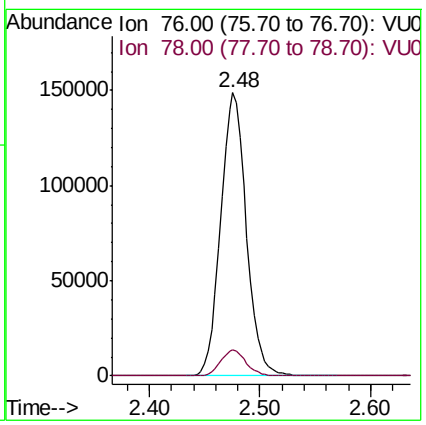


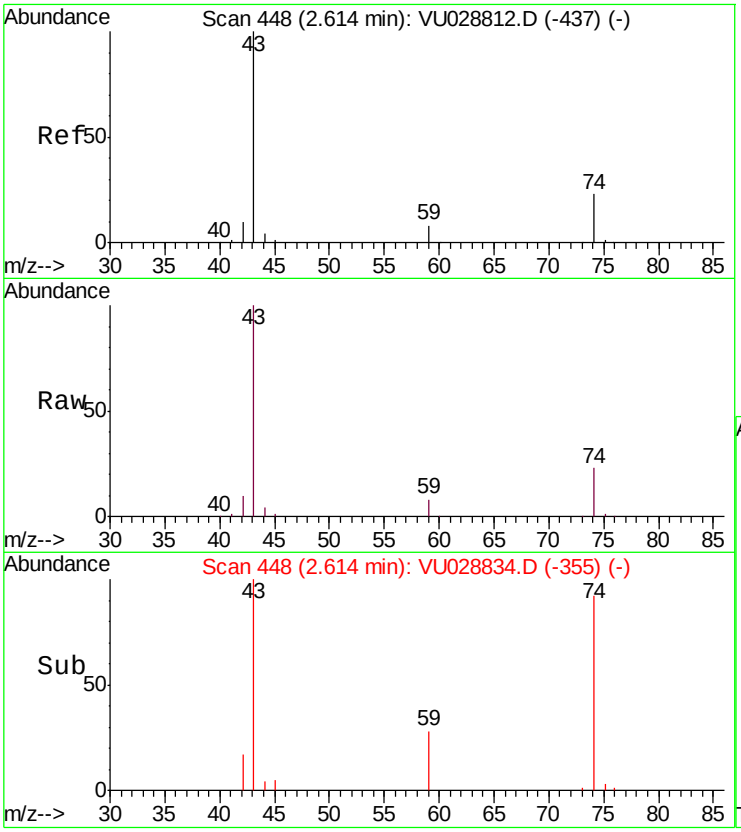


#14
Carbon disulfide
Concen: 48.739 ug/L
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion: 76 Resp: 239358

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0



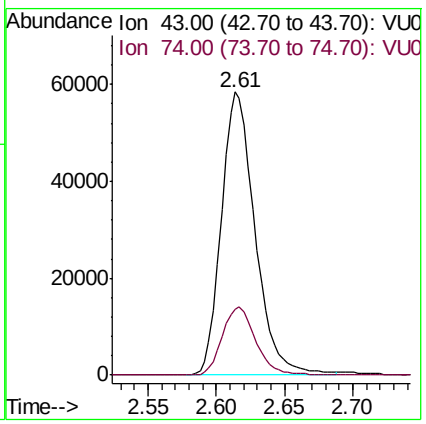


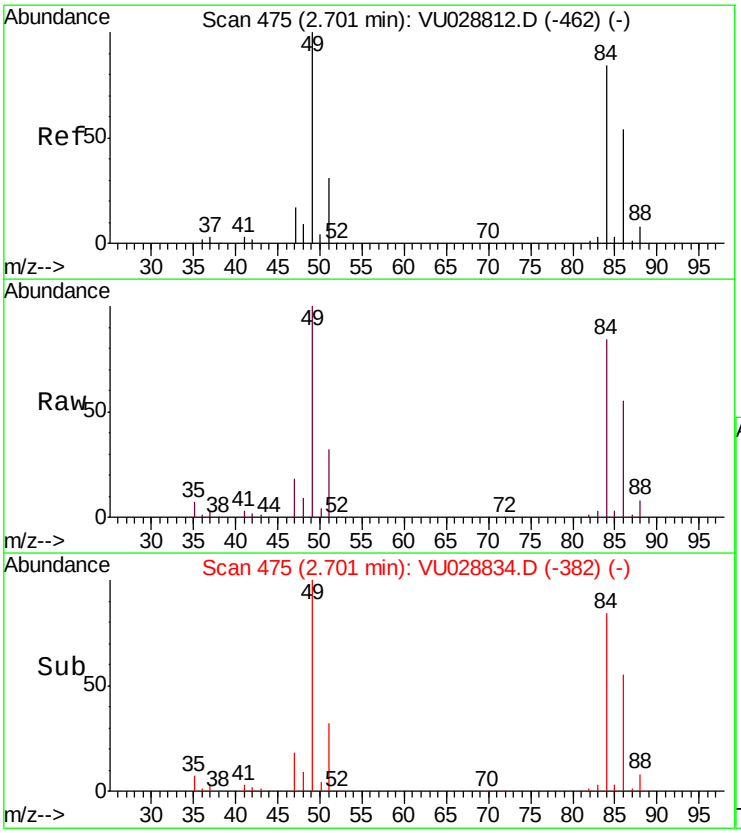
#15
Methyl Acetate
Concen: 51.310 ug/L
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 43 Resp: 100430

Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.0	28.4

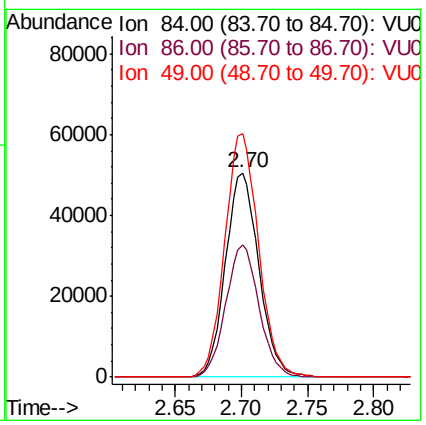


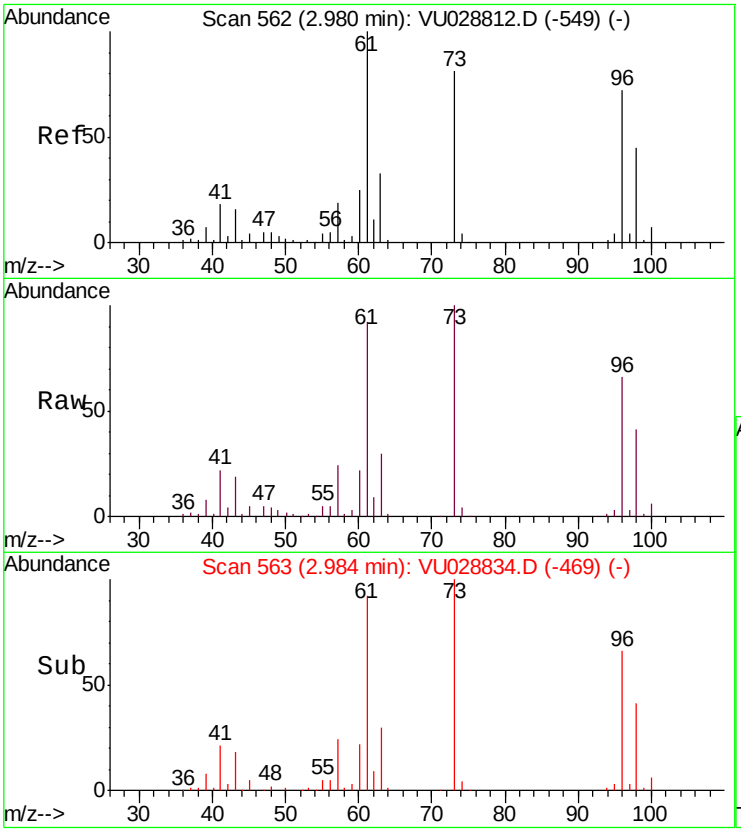


#16
Methylene chloride
Concen: 51.051 ug/L
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion: 84 Resp: 88536

Ion	Ratio	Lower	Upper
84	100		
86	65.1	44.9	83.3
49	119.3	83.9	155.7



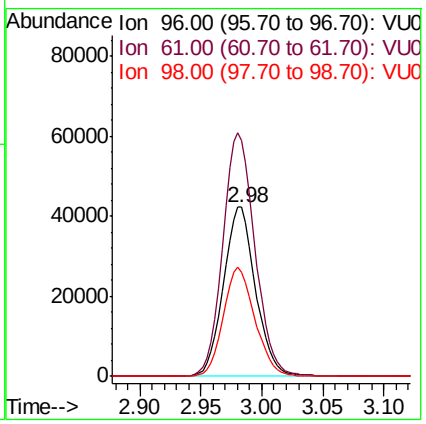


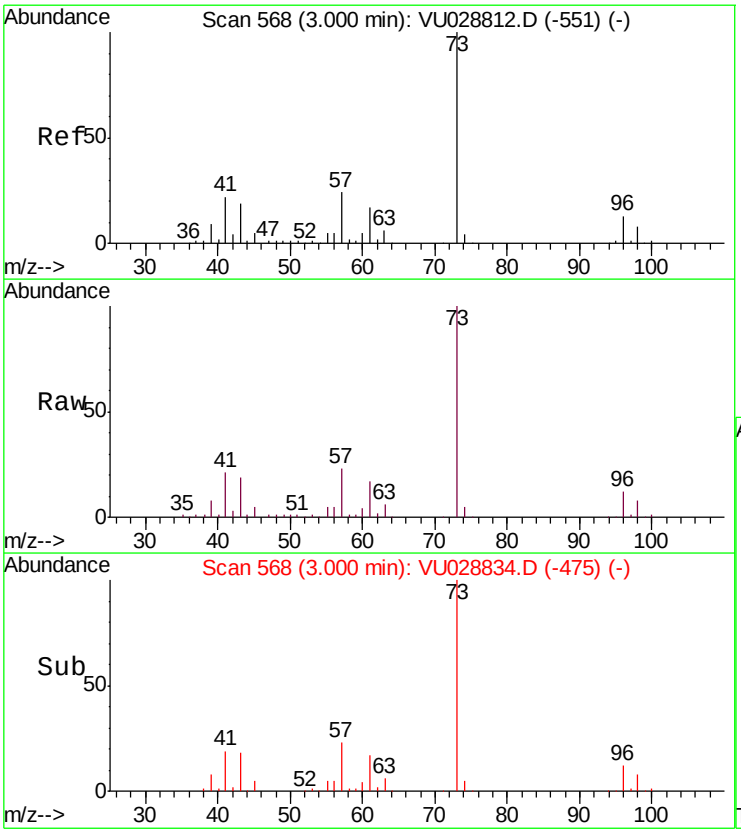
#17
trans-1,2-Dichloroethene
Concen: 51.026 ug/L
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 96 Resp: 77743

Ion	Ratio	Lower	Upper
96	100		
61	139.3	97.9	181.7
98	61.8	44.1	81.9

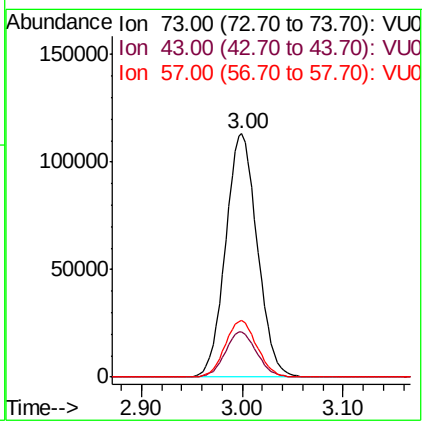


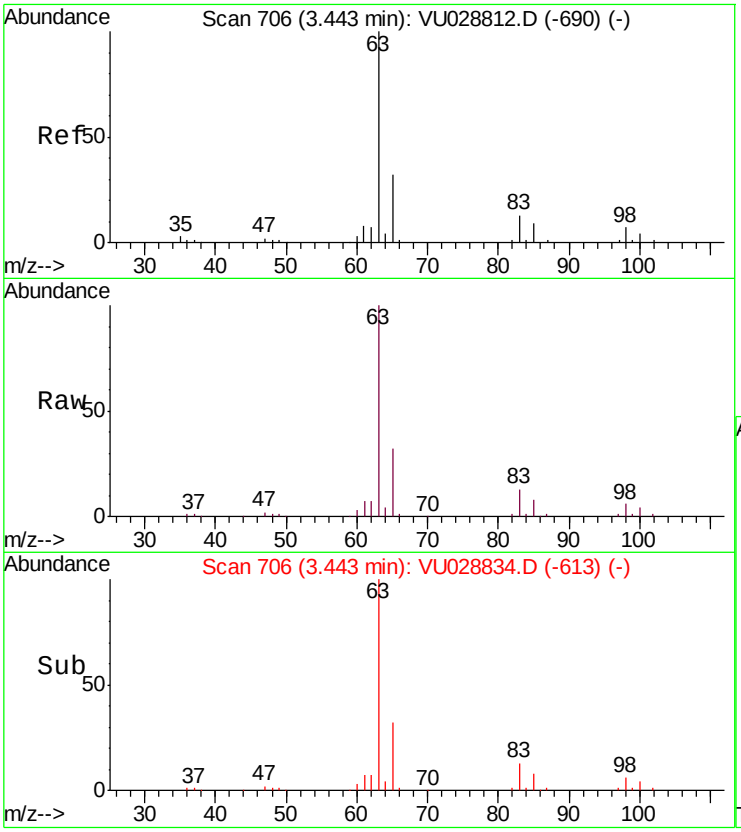


#18
Methyl tert-butyl Ether
Concen: 52.897 ug/L
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion: 73 Resp: 247825

Ion	Ratio	Lower	Upper
73	100		
43	18.5	15.3	22.9
57	23.3	19.0	28.4



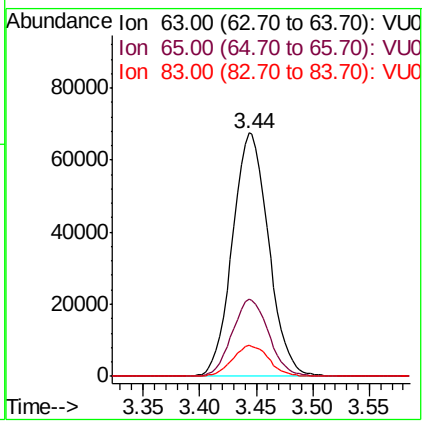


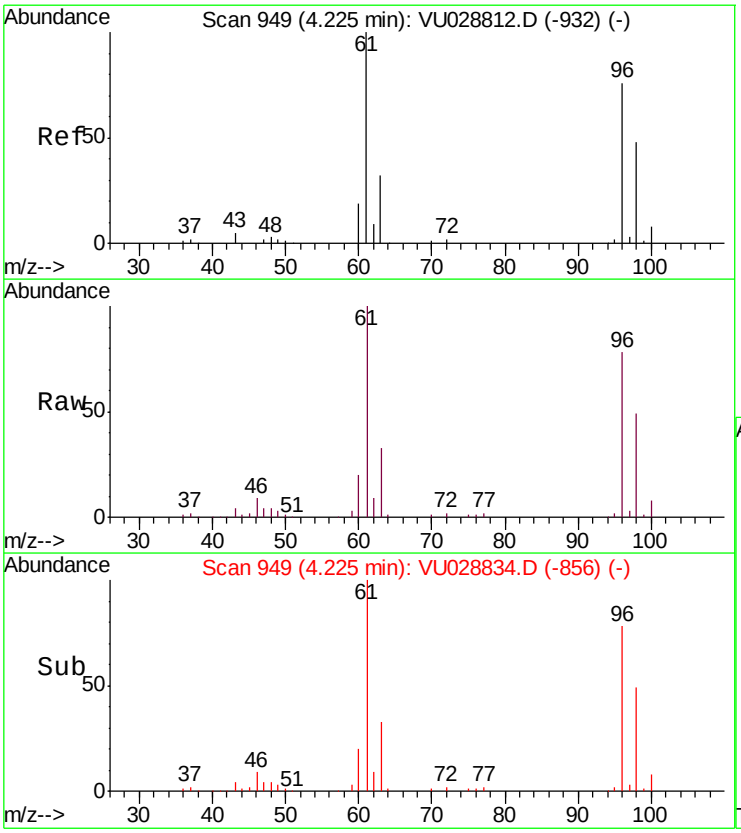
#19
1,1-Dichloroethane
Concen: 50.814 ug/L
RT: 3.44 min Scan# 706
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument : MSVOA_U
ClientSampleId : VSTD05041

Tgt Ion: 63 Resp: 150497

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.7	42.1
83	12.6	9.0	16.8

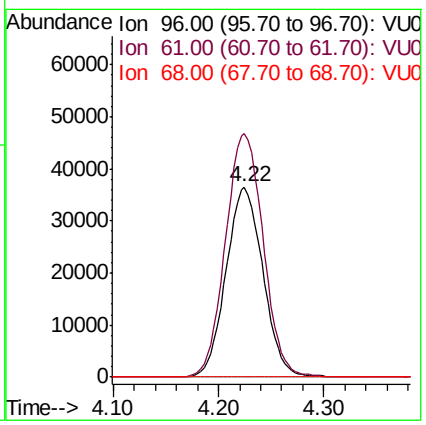


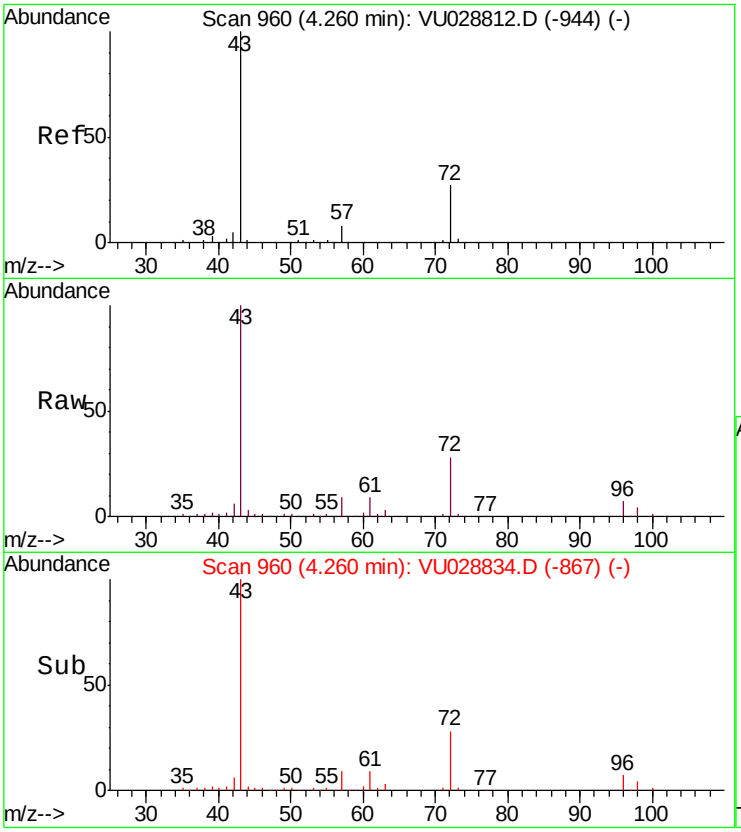


#20
cis-1,2-Dichloroethene
Concen: 51.283 ug/L
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion: 96 Resp: 88510

Ion	Ratio	Lower	Upper
96	100		
61	128.2	92.1	171.1
68	0.0	0.0	0.0



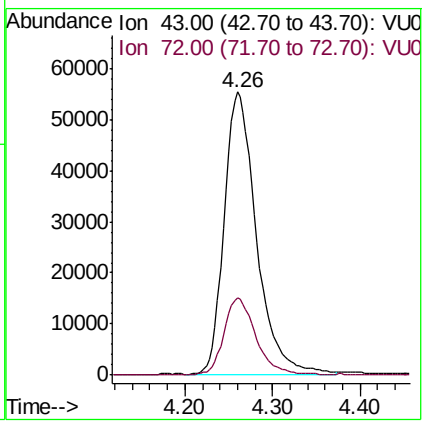


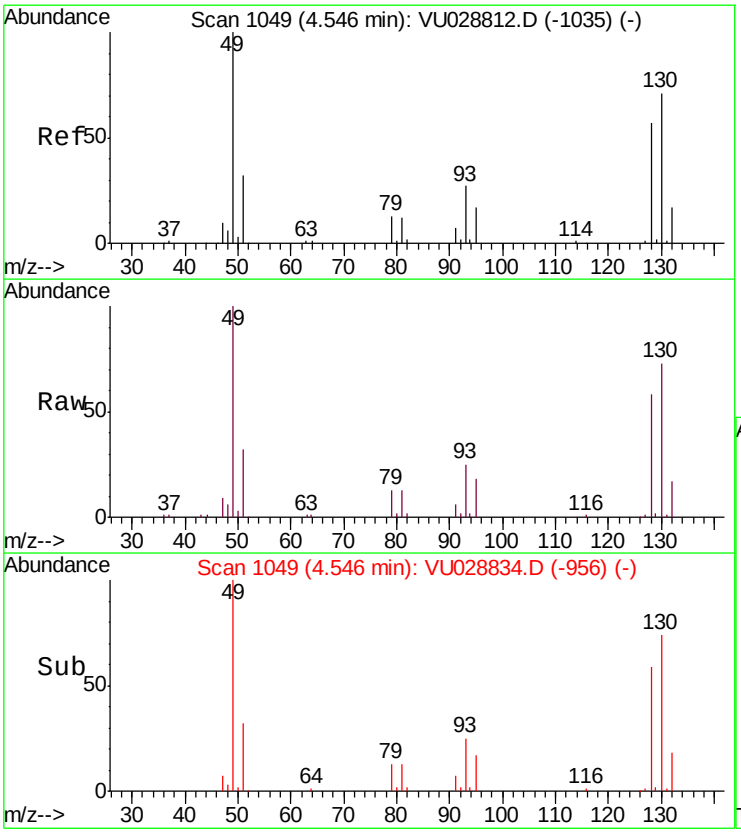
#22
2-Butanone
Concen: 92.396 ug/L
RT: 4.26 min Scan# 960
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 43 Resp: 141258

Ion	Ratio	Lower	Upper
43	100		
72	26.4	13.7	41.1

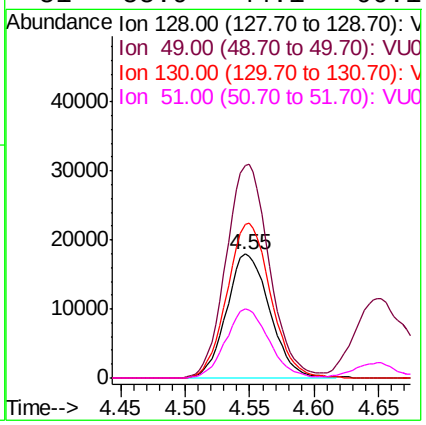


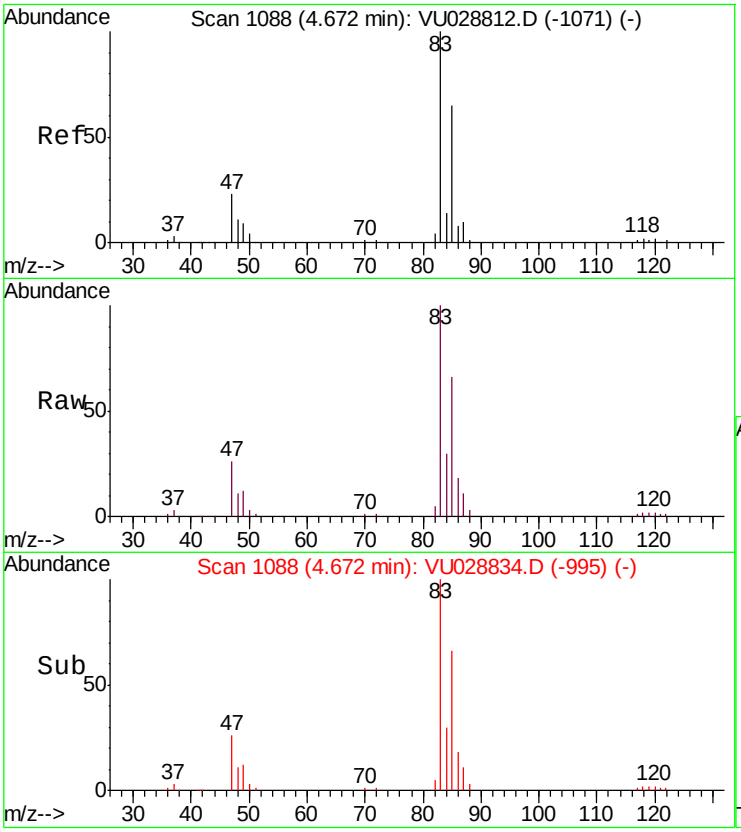


#23
Bromochloromethane
Concen: 50.888 ug/L
RT: 4.55 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion:128 Resp: 41869

Ion	Ratio	Lower	Upper
128	100		
49	172.0	123.0	228.4
130	124.7	86.5	160.7
51	55.9	44.1	66.1



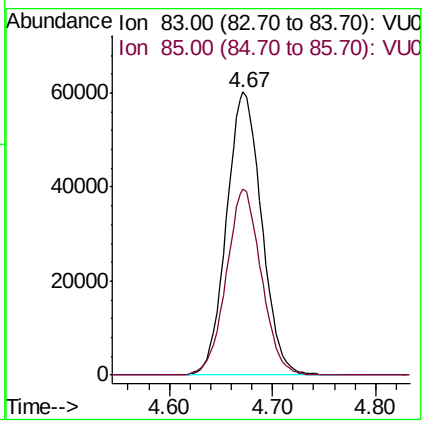


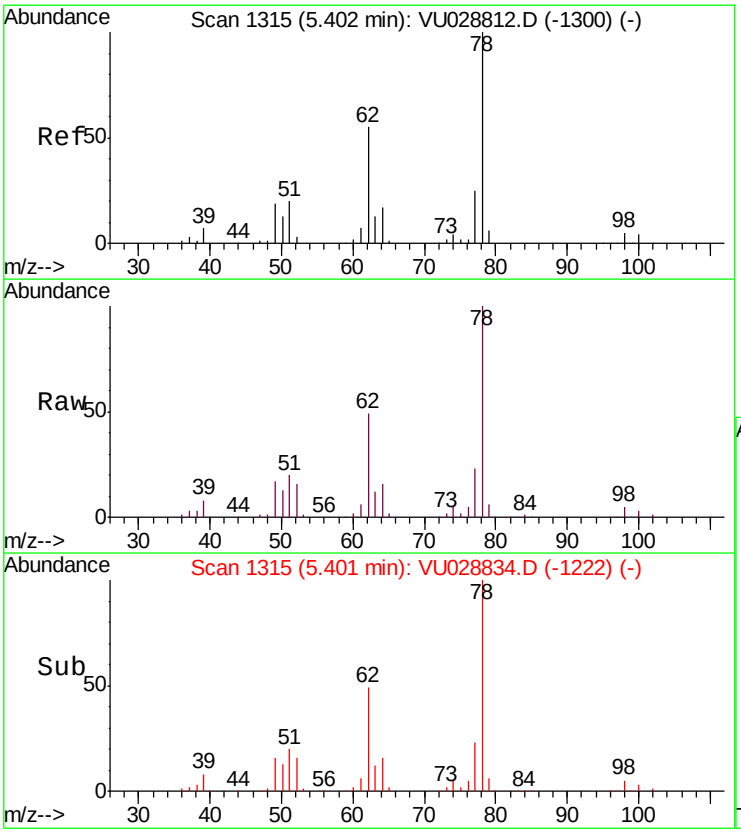
#25
Chloroform
Concen: 50.646 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 83 Resp: 142770

Ion	Ratio	Lower	Upper
83	100		
85	65.8	45.6	84.6

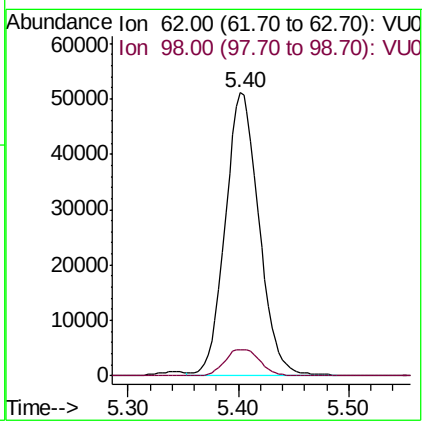


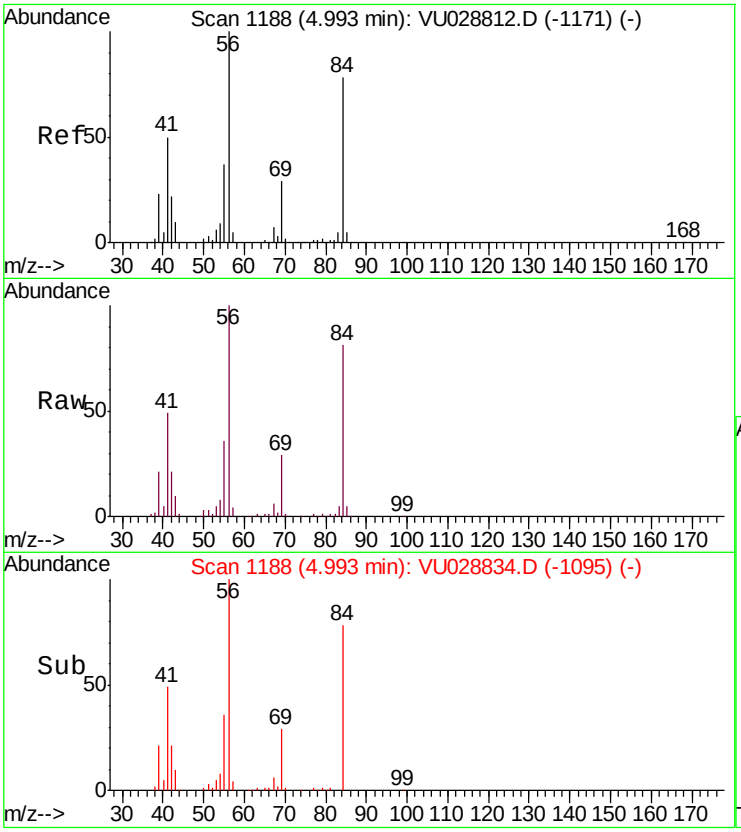


#27
1,2-Dichloroethane
Concen: 51.462 ug/L
RT: 5.40 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion: 62 Resp: 107814

Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.5	11.3



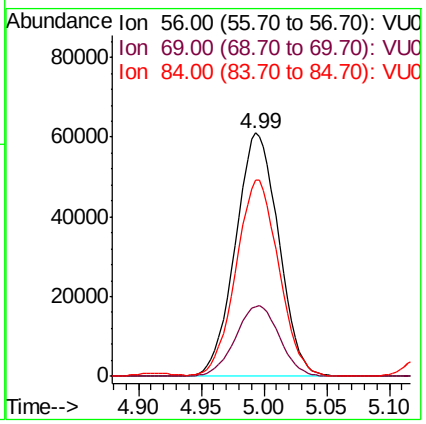


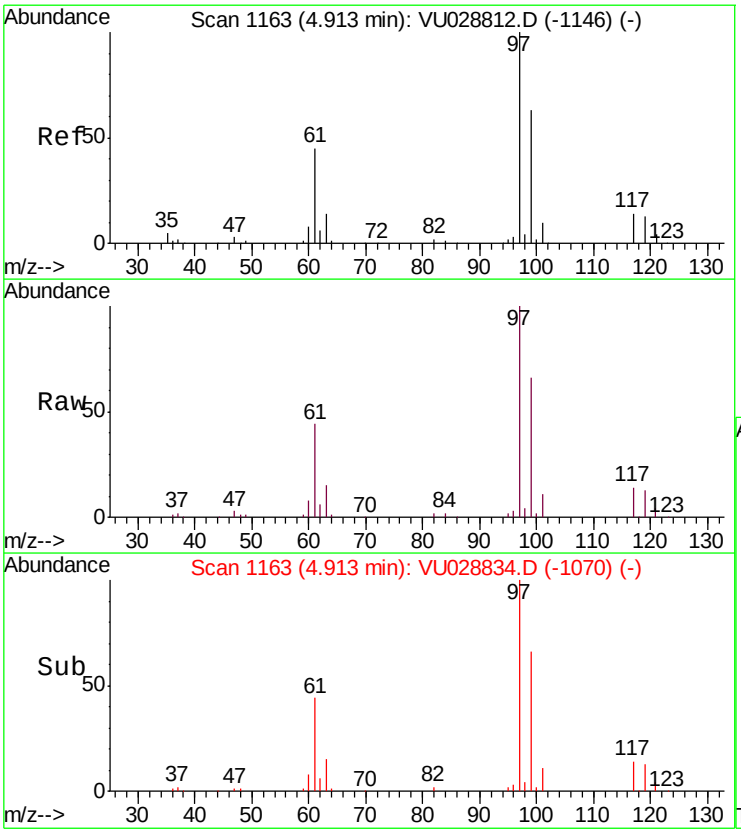
#29
Cyclohexane
Concen: 52.939 ug/L
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 56 Resp: 146264

Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.8	35.8
84	80.1	63.8	95.8

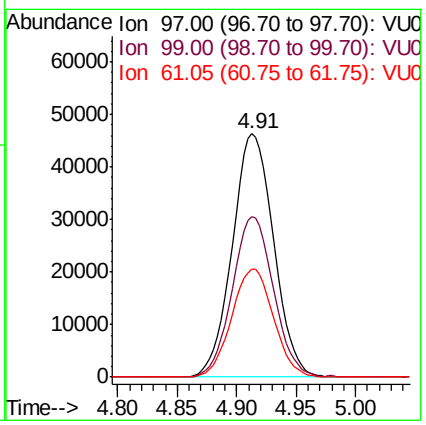


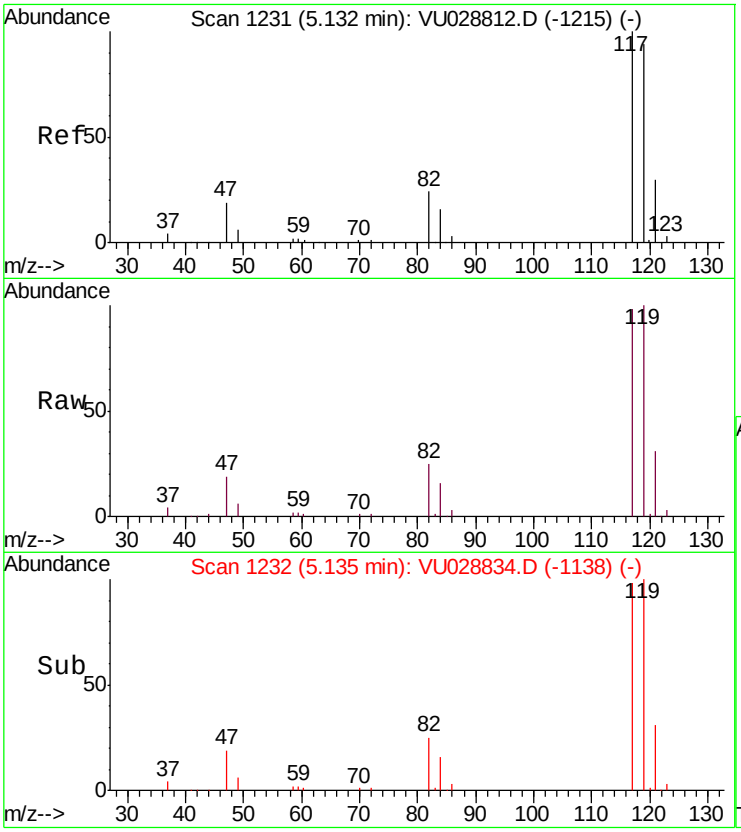


#30
1,1,1-Trichloroethane
Concen: 50.882 ug/L
RT: 4.91 min Scan# 1163
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion: 97 Resp: 111797

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.2	76.8
61	44.8	36.1	54.1



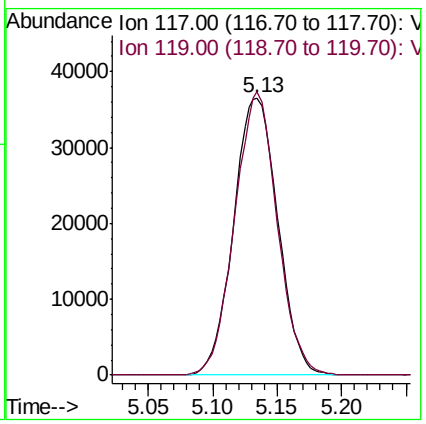


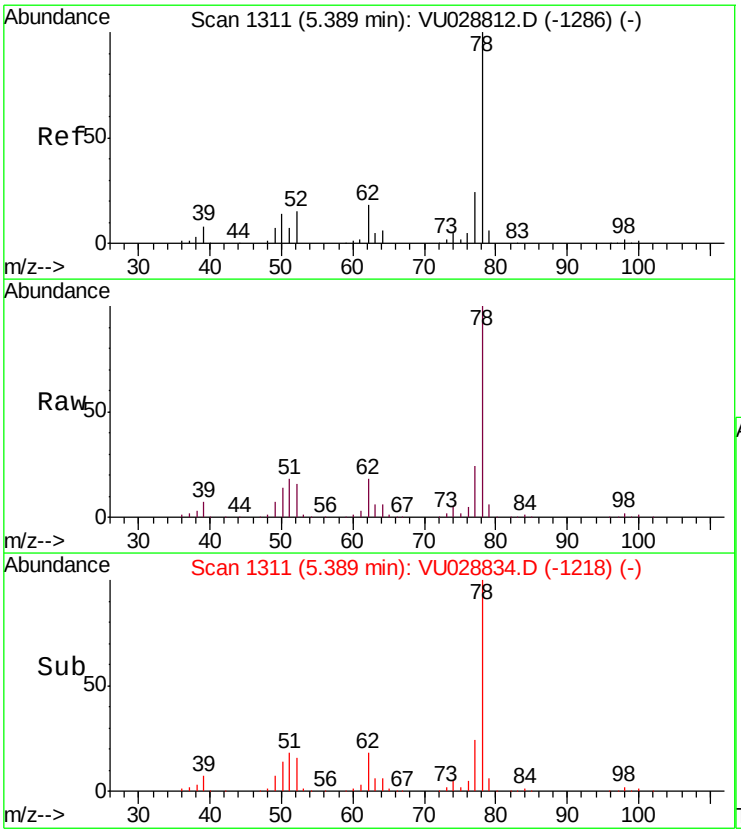
#31
Carbon tetrachloride
Concen: 49.249 ug/L
RT: 5.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion:117 Resp: 87259

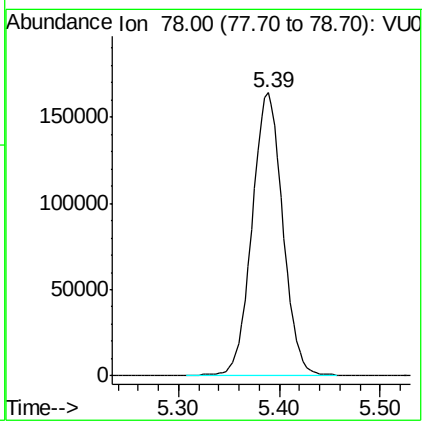
Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.0	115.6

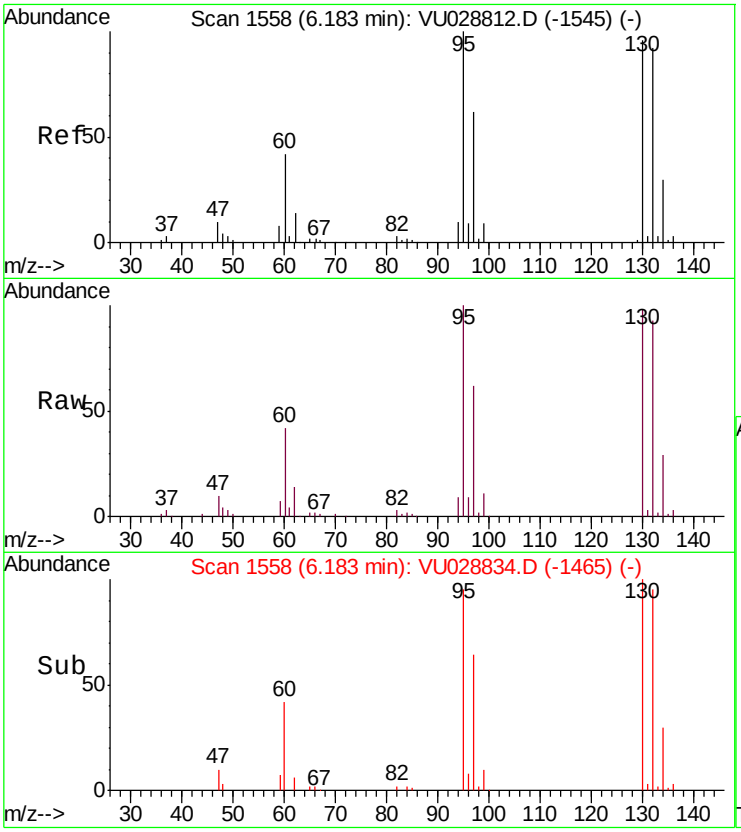




#33
Benzene
Concen: 52.470 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion: 78 Resp: 346764



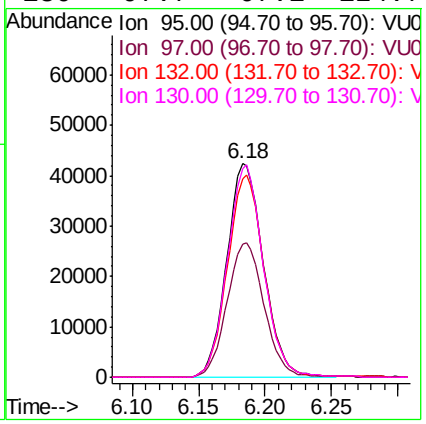


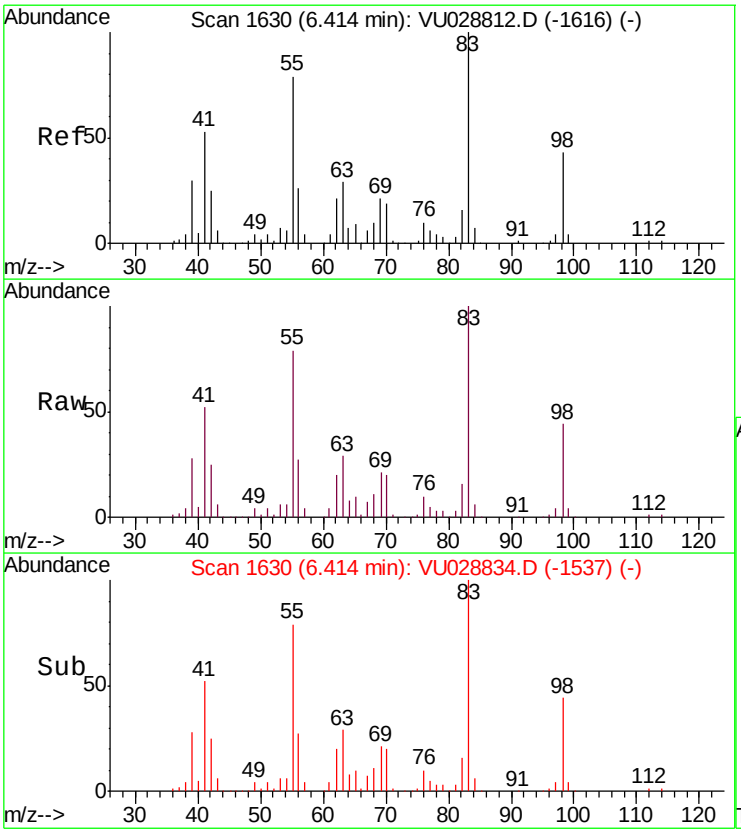
#34
Trichloroethene
Concen: 51.017 ug/L
RT: 6.18 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 95 Resp: 81399

Ion	Ratio	Lower	Upper
95	100		
97	62.1	43.3	80.3
132	93.1	64.2	119.2
130	97.7	67.1	124.7

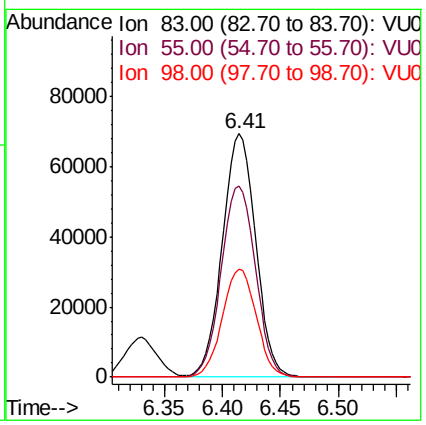


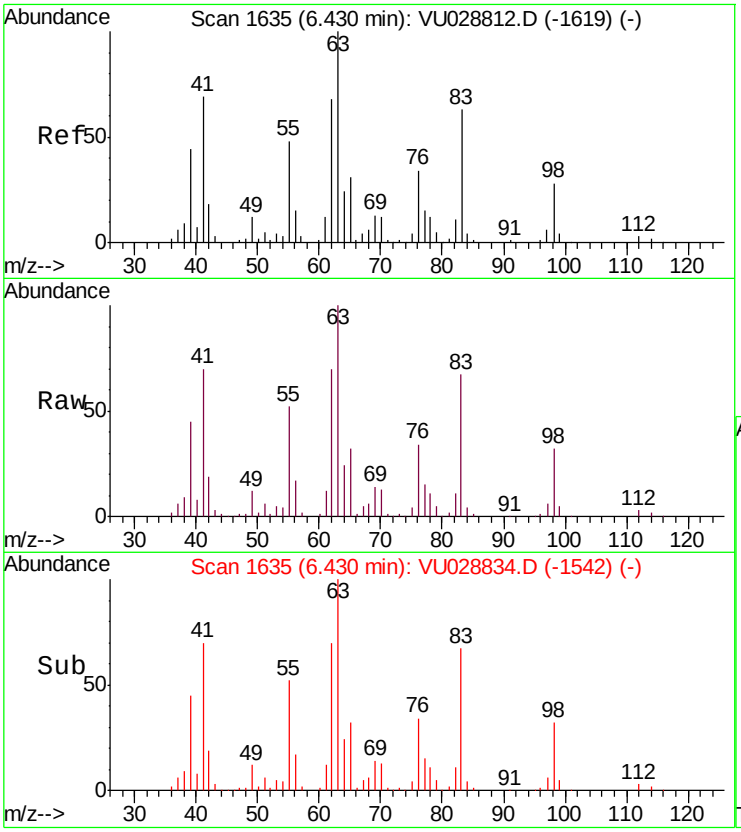


#35
Methylcyclohexane
Concen: 52.043 ug/L
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion: 83 Resp: 138299

Ion	Ratio	Lower	Upper
83	100		
55	80.4	63.7	95.5
98	45.0	35.6	53.4



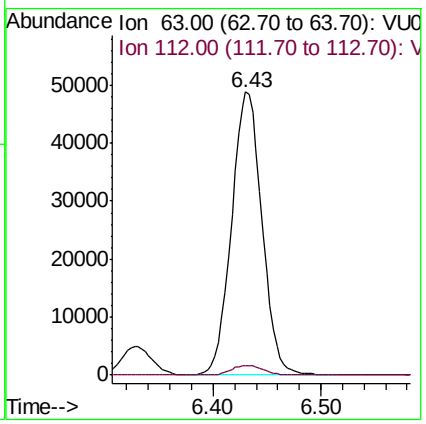


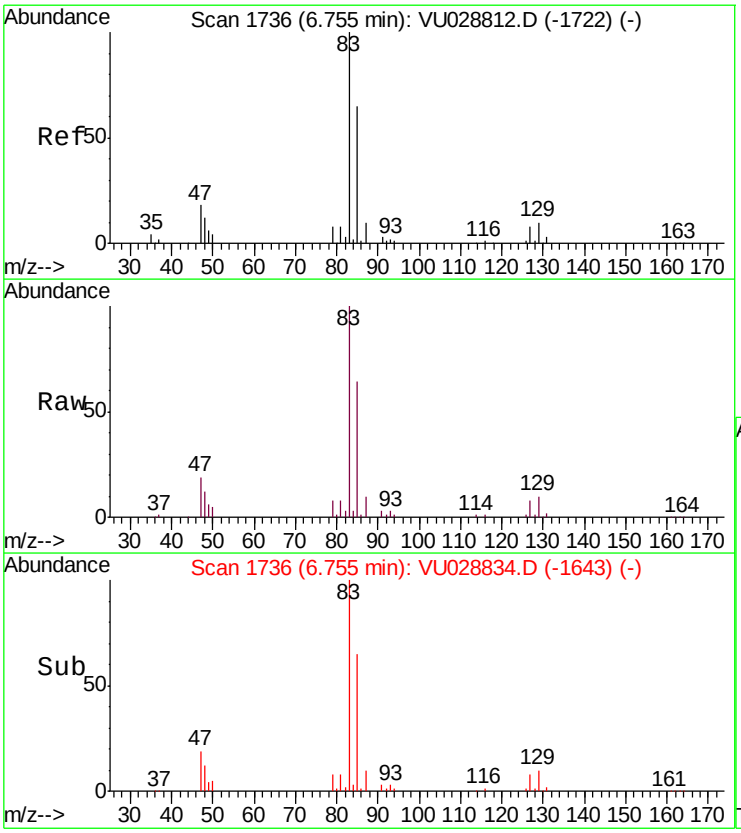
#37
1,2-Dichloropropane
Concen: 51.996 ug/L
RT: 6.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 63 Resp: 96057

Ion	Ratio	Lower	Upper
63	100		
112	3.5	2.7	4.1

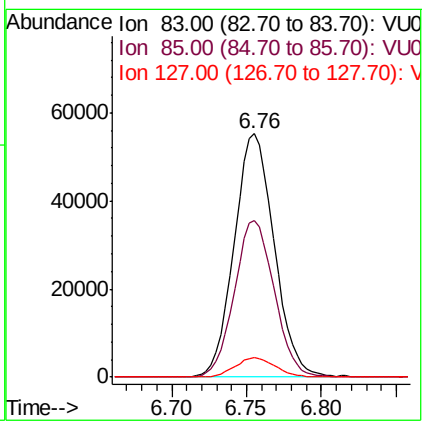


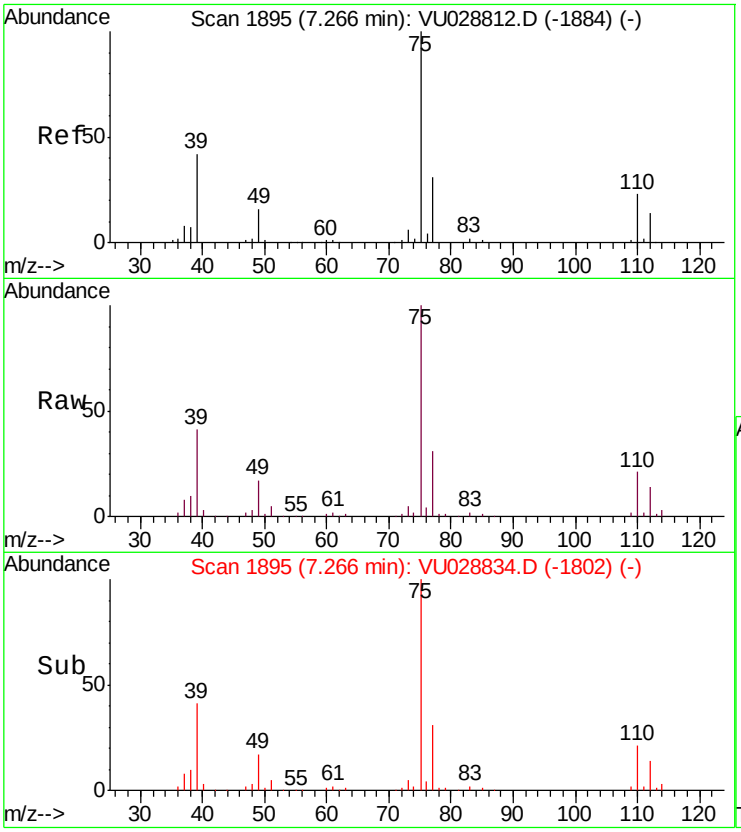


#38
Bromodichloromethane
Concen: 50.293 ug/L
RT: 6.76 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion: 83 Resp: 102891

Ion	Ratio	Lower	Upper
83	100		
85	64.4	45.4	84.2
127	7.8	6.2	9.2



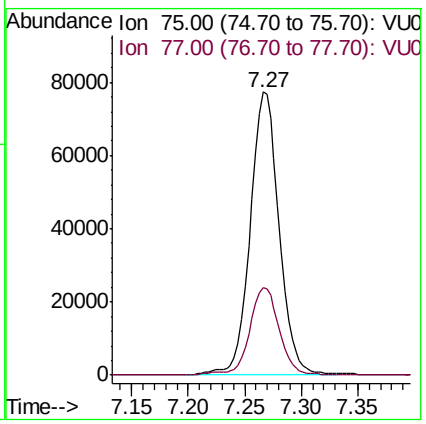


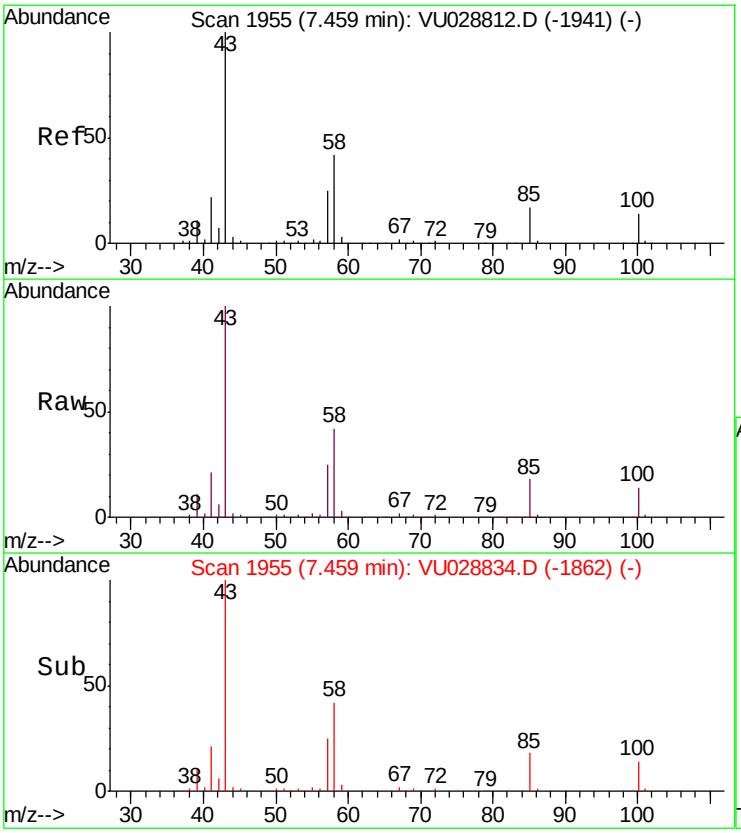
#39
cis-1,3-Dichloropropene
Concen: 52.240 ug/L
RT: 7.27 min Scan# 1895
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 75 Resp: 137588

Ion	Ratio	Lower	Upper
75	100		
77	31.0	21.8	40.6

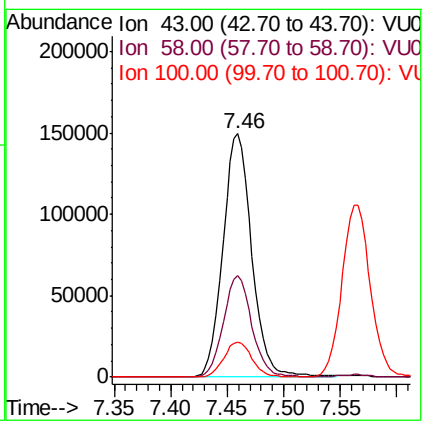


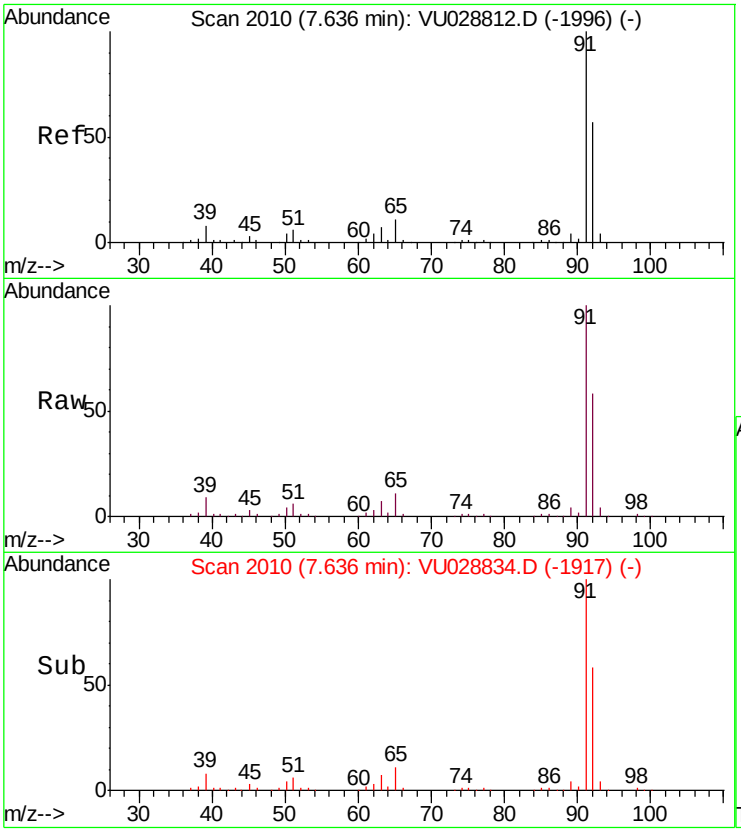


#40
4-Methyl-2-pentanone
Concen: 106.477 ug/L
RT: 7.46 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion: 43 Resp: 264395

Ion	Ratio	Lower	Upper
43	100		
58	41.1	33.1	49.7
100	14.1	11.5	17.3



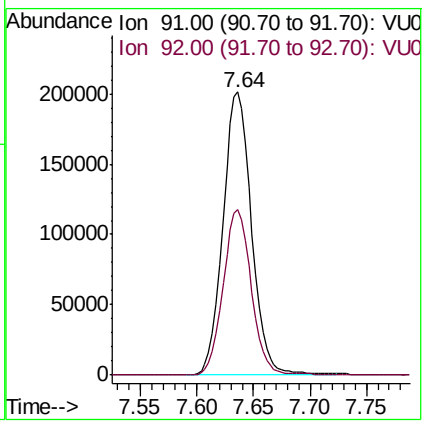


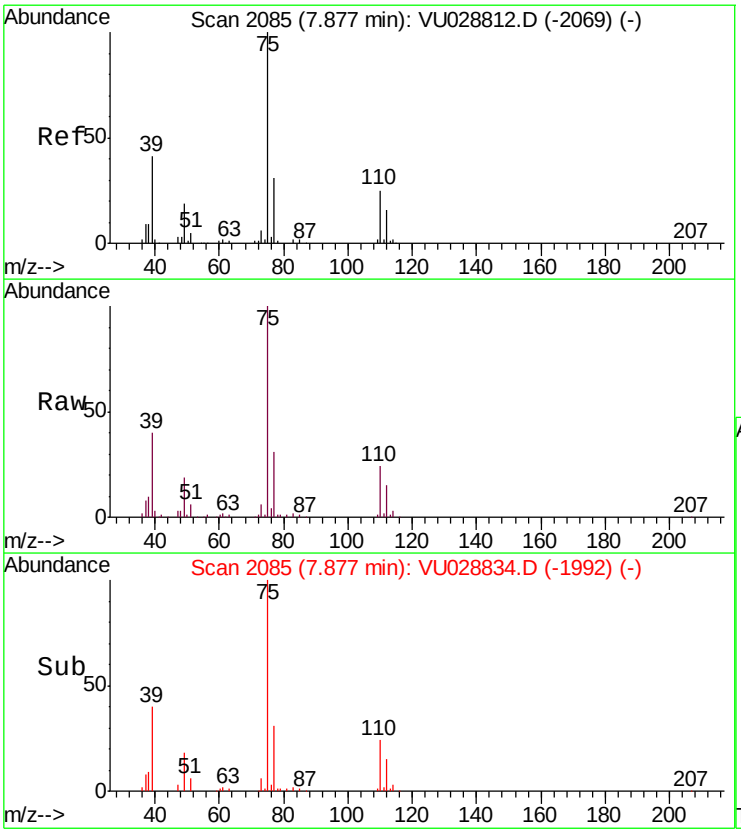
#42
Toluene
Concen: 52.867 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 91 Resp: 354176

Ion	Ratio	Lower	Upper
91	100		
92	58.4	39.9	74.1

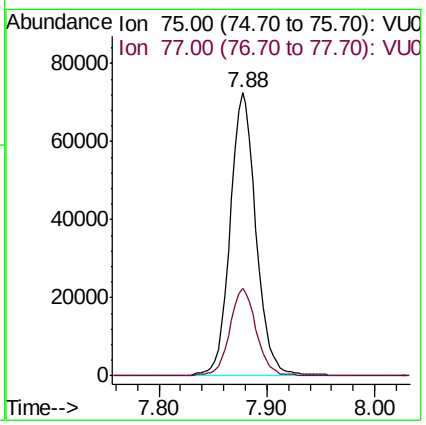


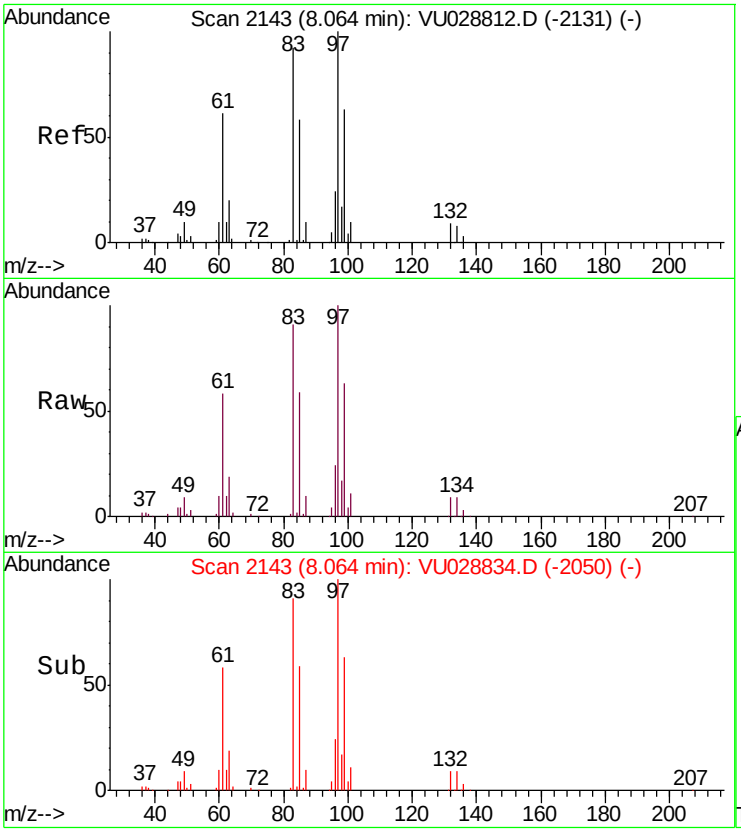


#44
trans-1,3-Dichloropropene
Concen: 51.457 ug/L
RT: 7.88 min Scan# 2085
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion: 75 Resp: 120808

Ion	Ratio	Lower	Upper
75	100		
77	30.8	21.8	40.6



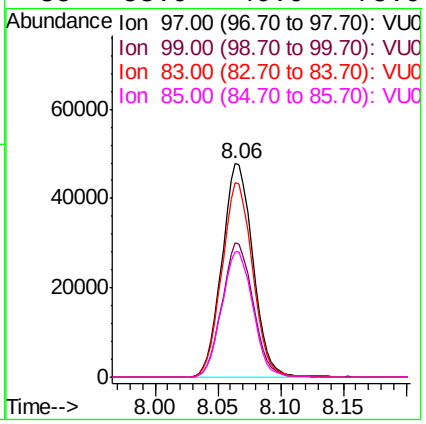


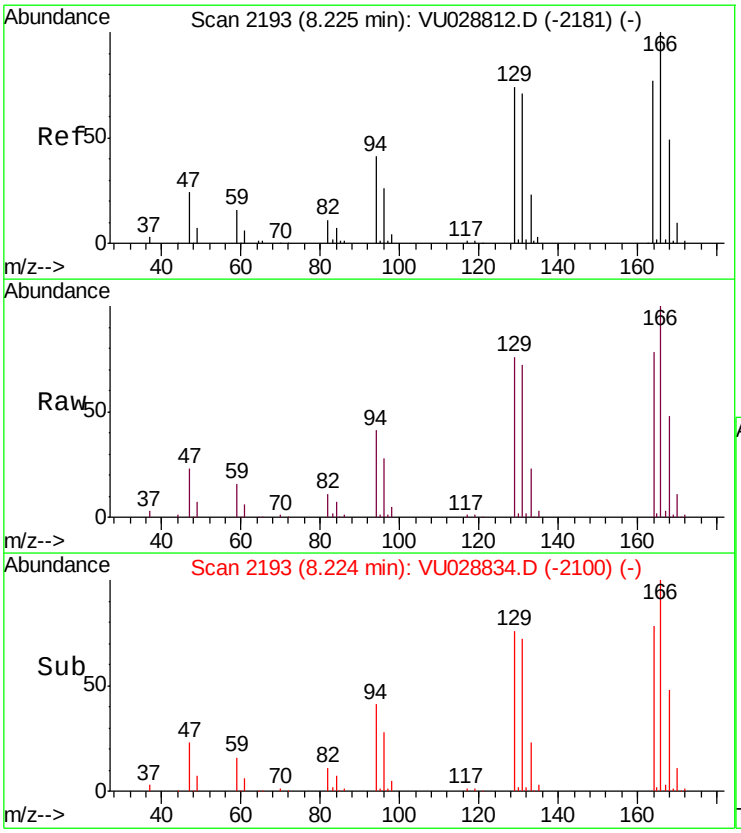
#45
1,1,2-Trichloroethane
Concen: 52.107 ug/L
RT: 8.06 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 97 Resp: 82306

Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.2	82.2
83	91.3	64.5	119.9
85	58.9	40.9	75.9

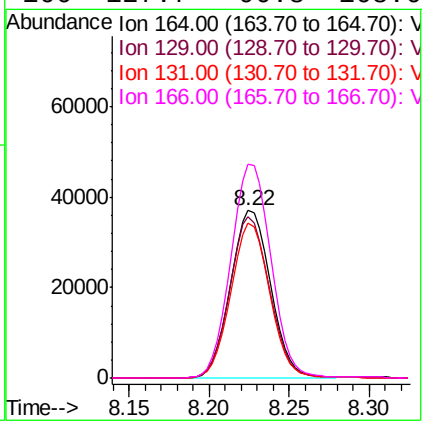


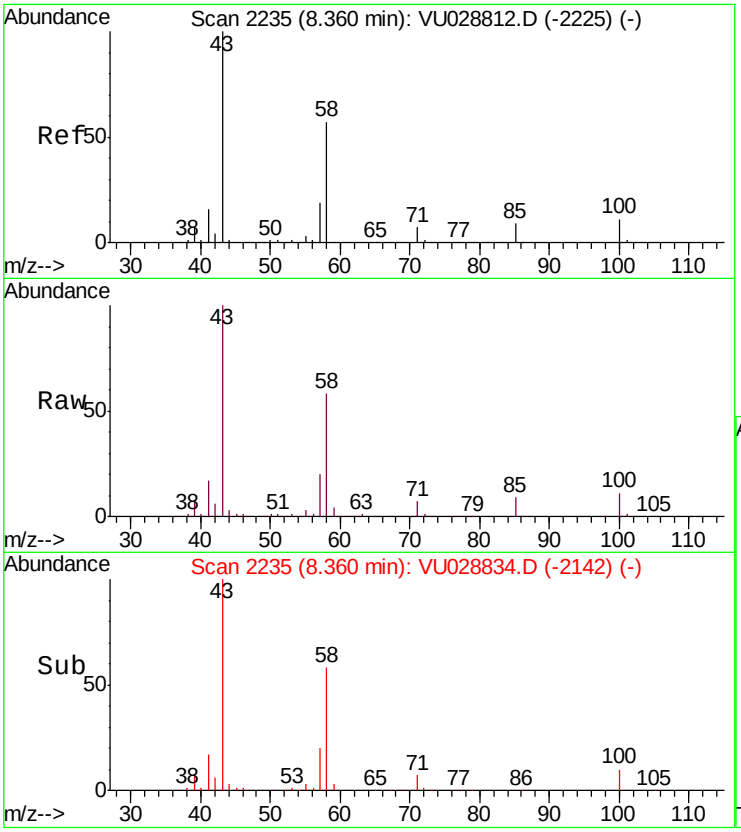


#46
Tetrachloroethene
Concen: 51.519 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion:164 Resp: 63308

Ion	Ratio	Lower	Upper
164	100		
129	96.6	66.8	124.0
131	92.4	64.2	119.2
166	127.7	90.8	168.6



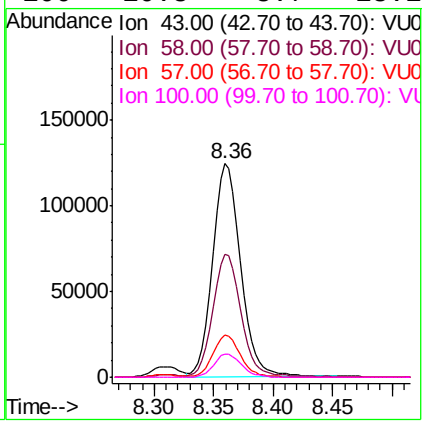


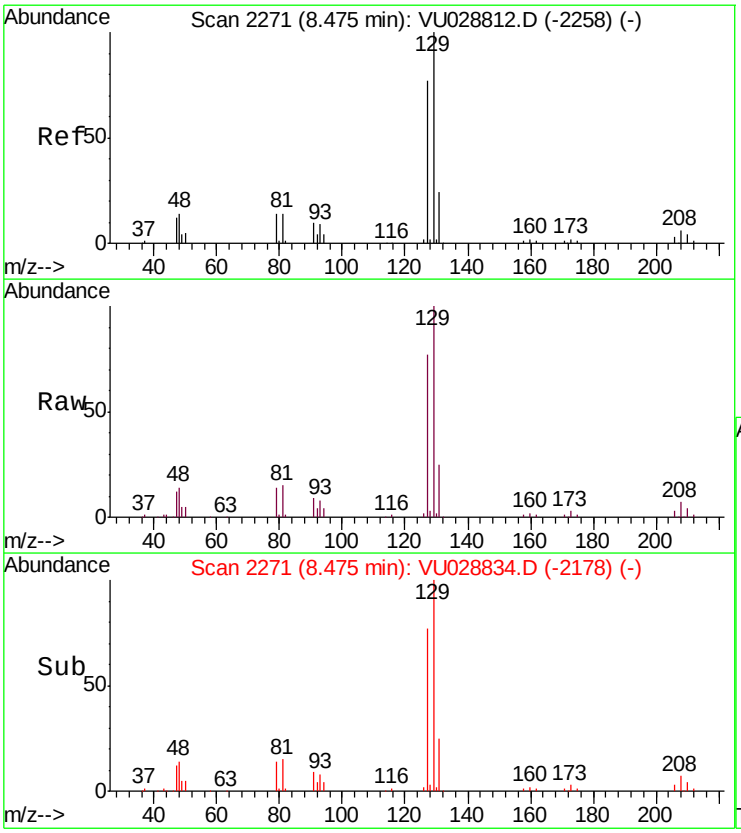
#48
2-Hexanone
Concen: 99.897 ug/L
RT: 8.36 min Scan# 2235
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument : MSVOA_U
ClientSampleId : VSTD05041

Tgt Ion: 43 Resp: 203593

Ion	Ratio	Lower	Upper
43	100		
58	58.5	45.9	68.9
57	19.1	15.0	22.4
100	10.8	8.7	13.1

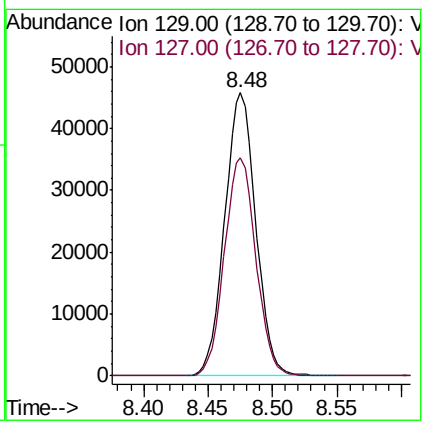


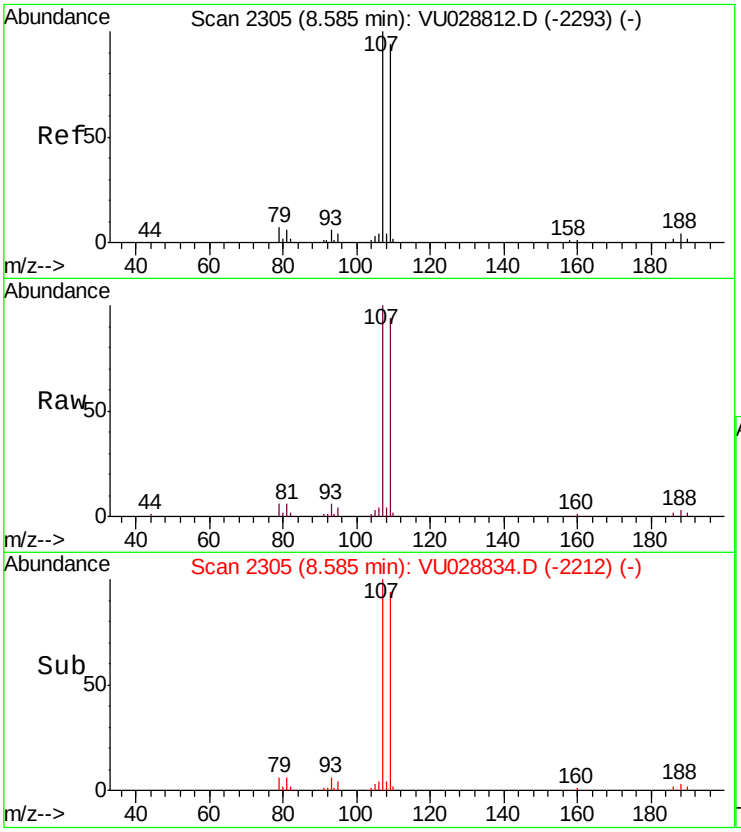


#49
Dibromochloromethane
Concen: 48.751 ug/L
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion:129 Resp: 76702

Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.1	100.5



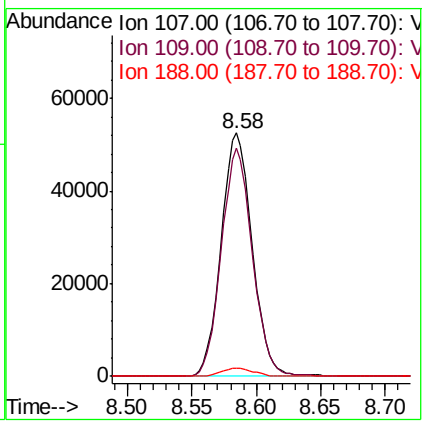


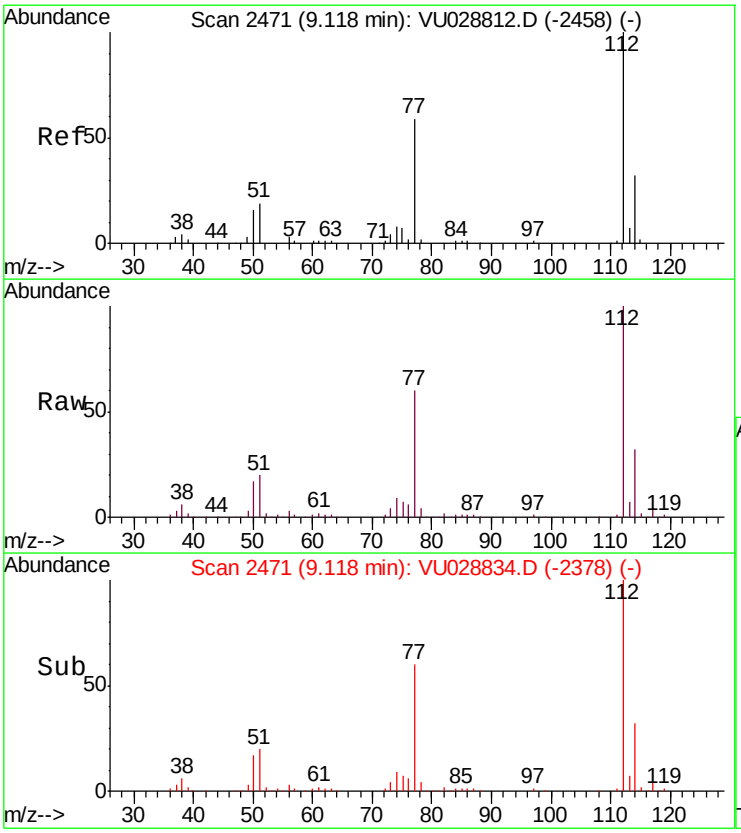
#50
1,2-Dibromoethane
Concen: 53.385 ug/L
RT: 8.58 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion:107 Resp: 87734

Ion	Ratio	Lower	Upper
107	100		
109	93.6	66.0	122.6
188	3.2	3.1	4.7

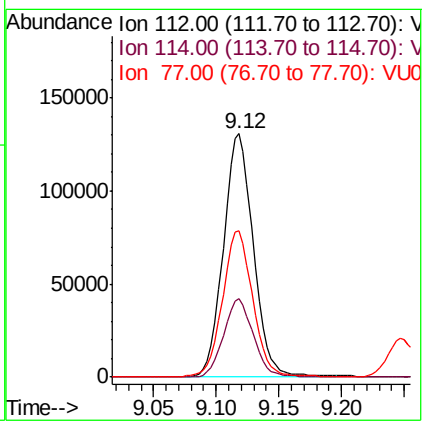


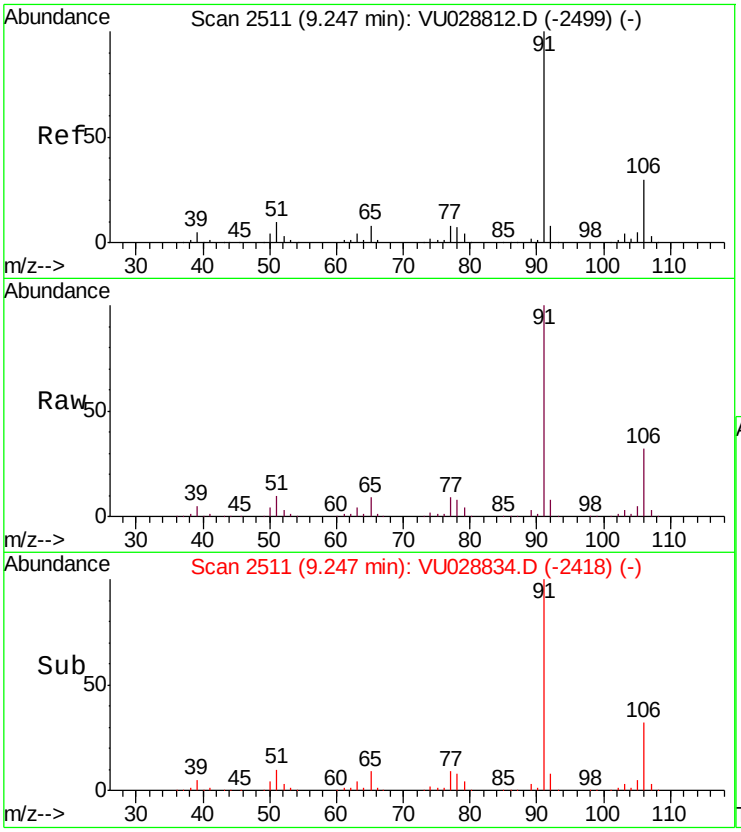


#51
Chlorobenzene
Concen: 51.688 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion:112 Resp: 218237

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.2	41.2
77	59.9	47.8	71.8



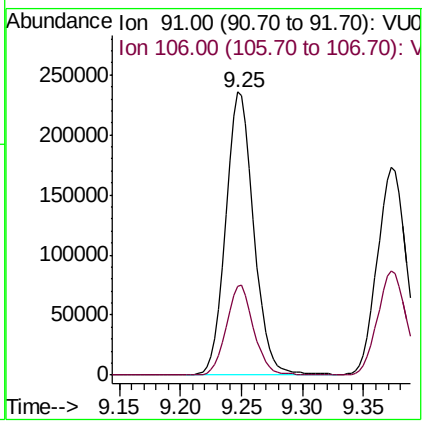


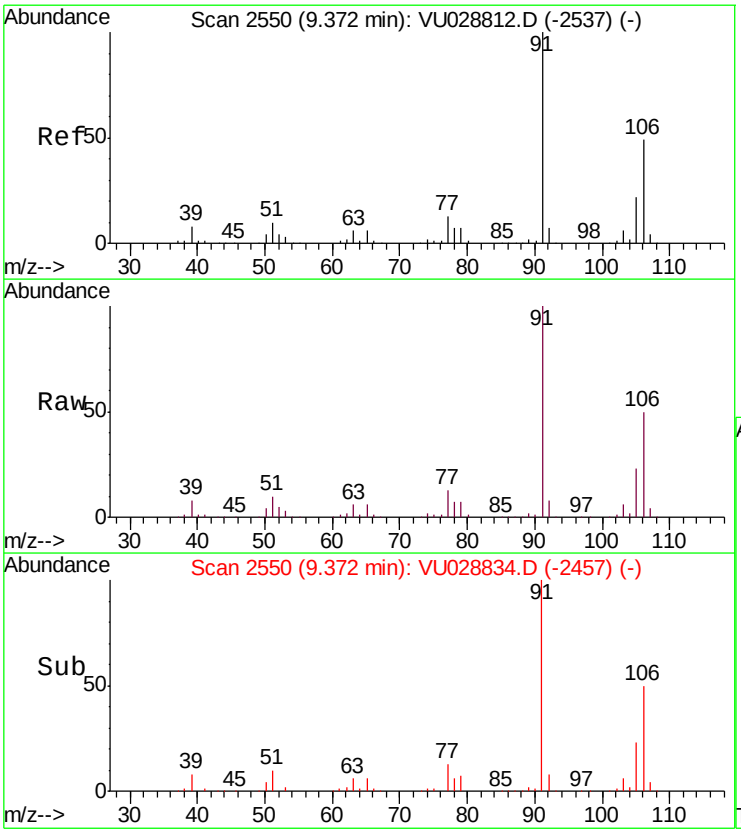
#52
Ethylbenzene
Concen: 52.723 ug/L
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 91 Resp: 379523

Ion	Ratio	Lower	Upper
91	100		
106	31.6	20.9	38.9

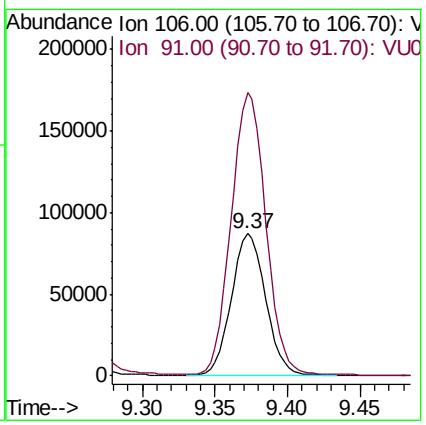


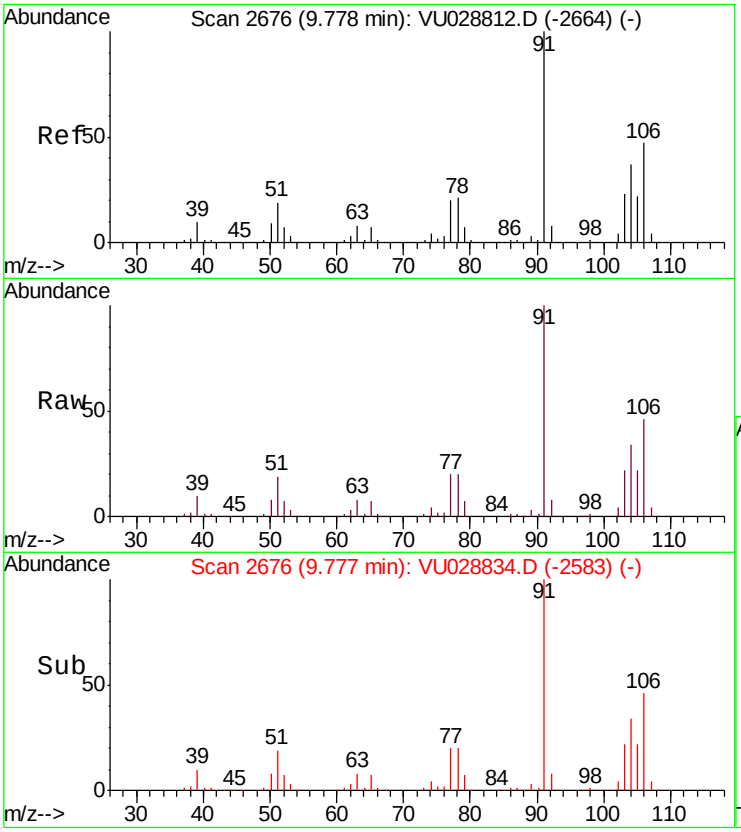


#53
m,p-Xylene
Concen: 53.400 ug/L
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion:106 Resp: 142145

Ion	Ratio	Lower	Upper
106	100		
91	199.1	144.1	267.5



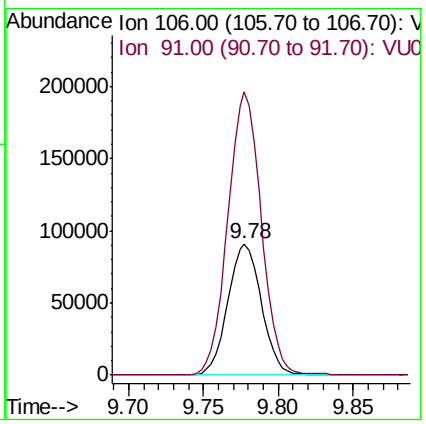


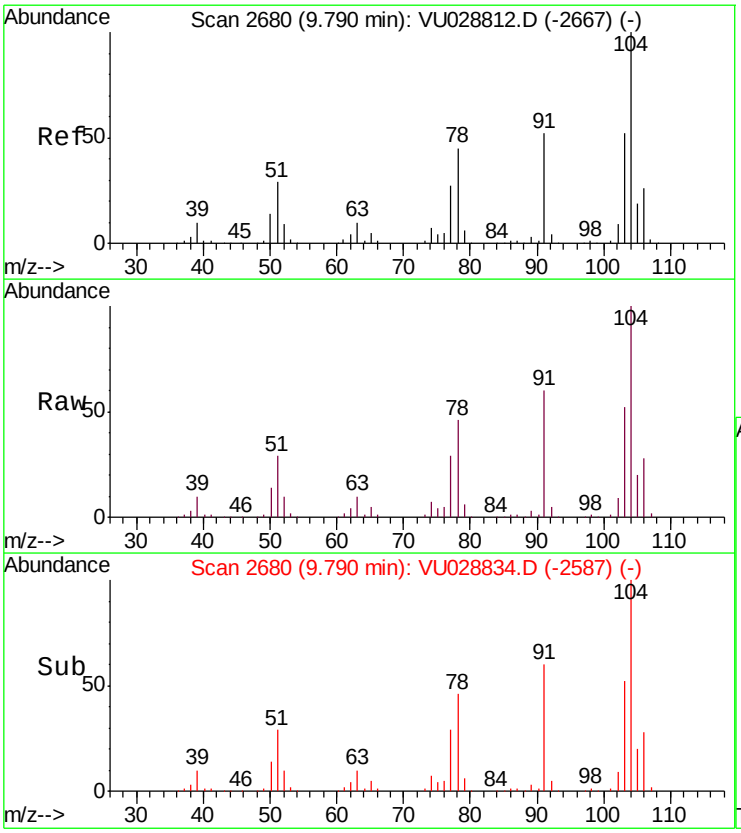
#54
o-xylene
Concen: 53.405 ug/L
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion:106 Resp: 142481

Ion	Ratio	Lower	Upper
106	100		
91	215.9	150.4	279.4

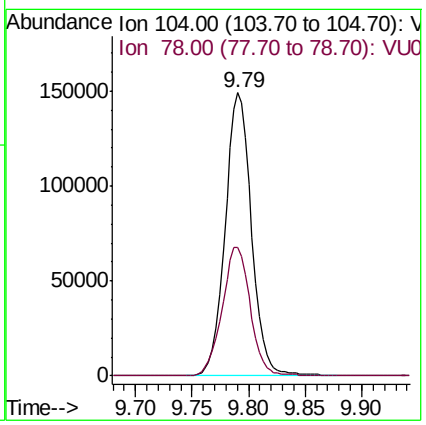


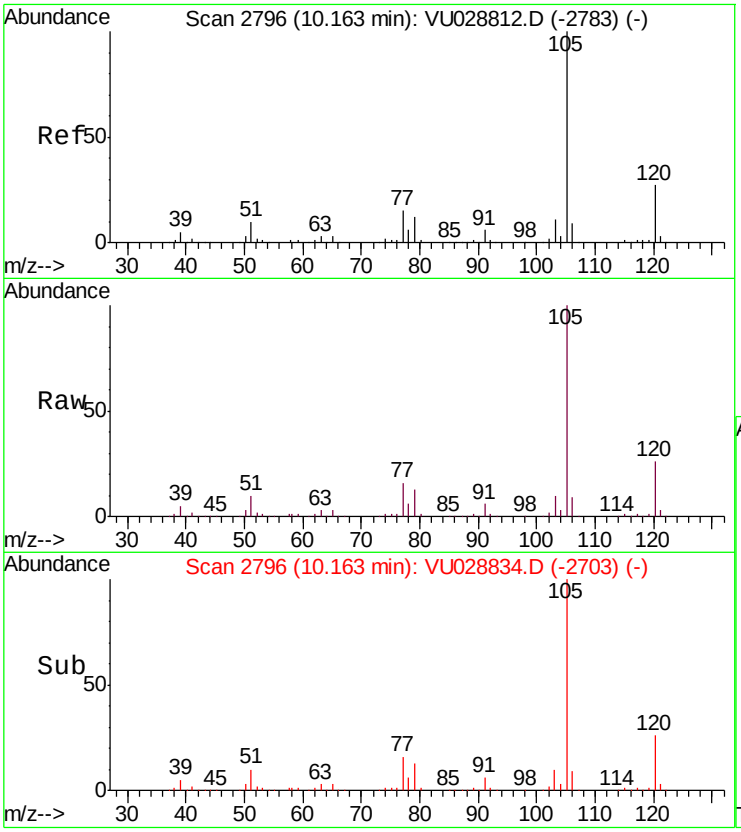


#55
Styrene
Concen: 53.285 ug/L
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion:104 Resp: 240765

Ion	Ratio	Lower	Upper
104	100		
78	45.6	31.3	58.1



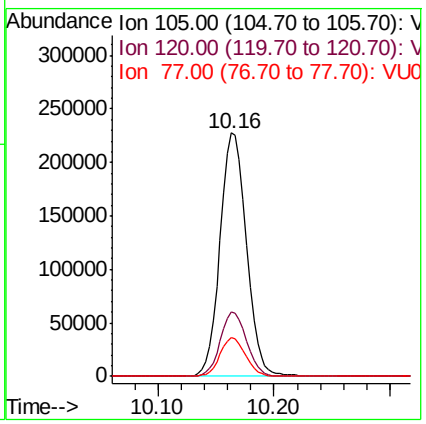


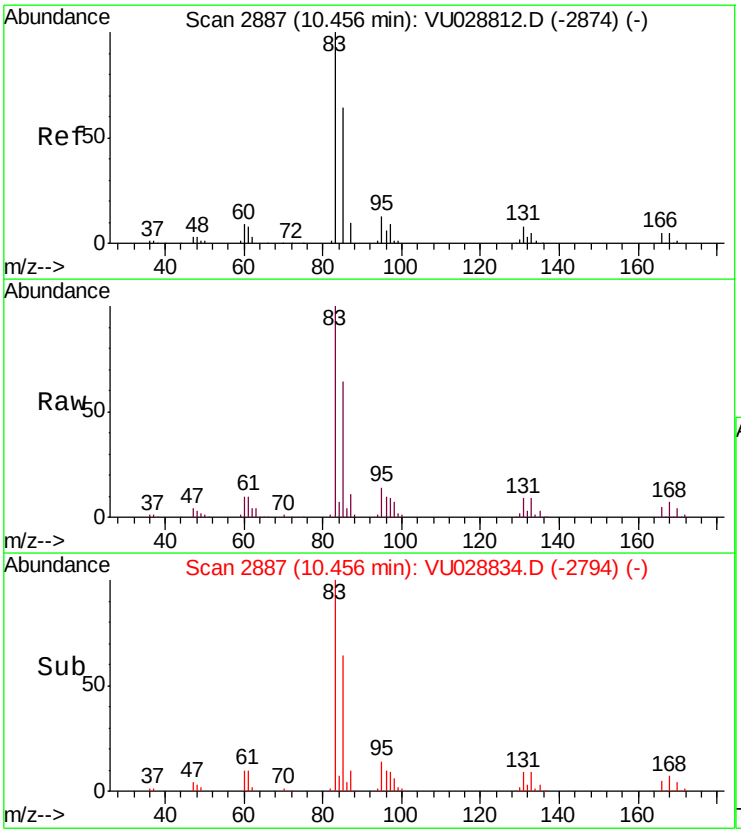
#56
Isopropylbenzene
Concen: 52.874 ug/L
RT: 10.16 min Scan# 2796
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument : MSVOA_U
ClientSampleId : VSTD05041

Tgt Ion:105 Resp: 357845

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.4	32.2
77	15.5	12.3	18.5

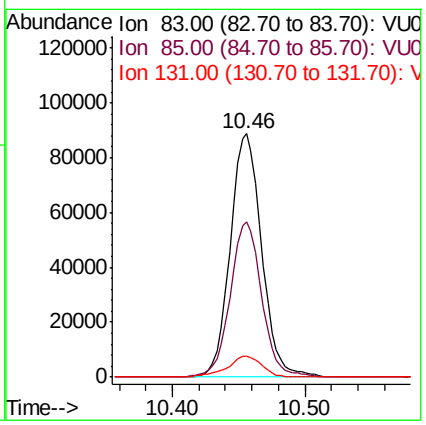


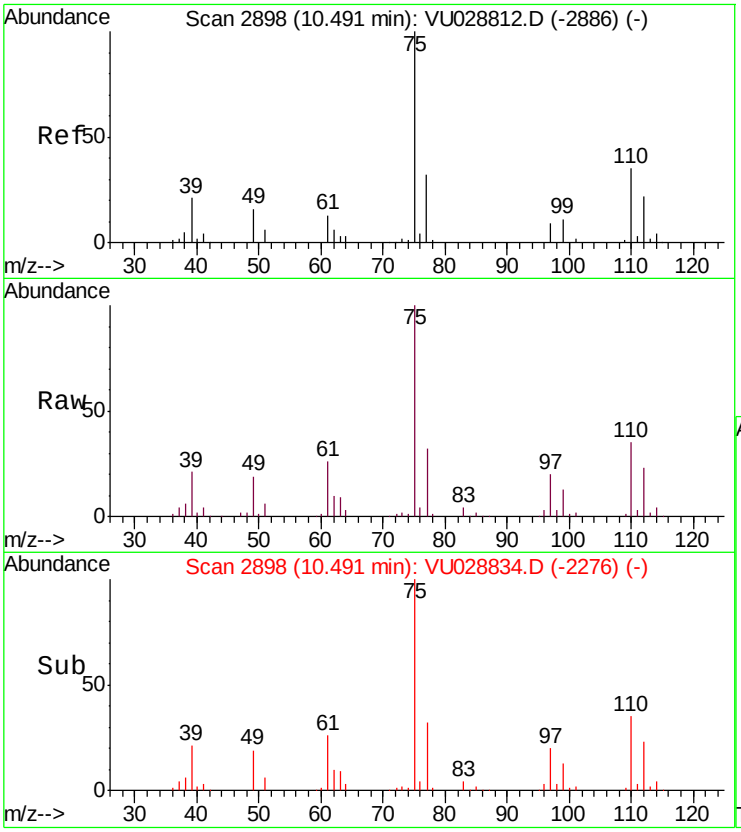


#58
1,1,2,2-Tetrachloroethane
Concen: 50.850 ug/L
RT: 10.46 min Scan# 2887
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion: 83 Resp: 145915

Ion	Ratio	Lower	Upper
83	100		
85	64.0	45.3	84.1
131	8.5	6.7	10.1



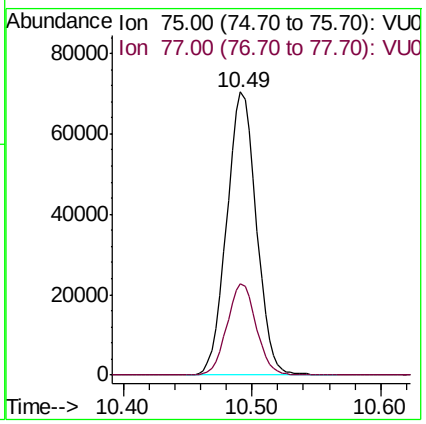


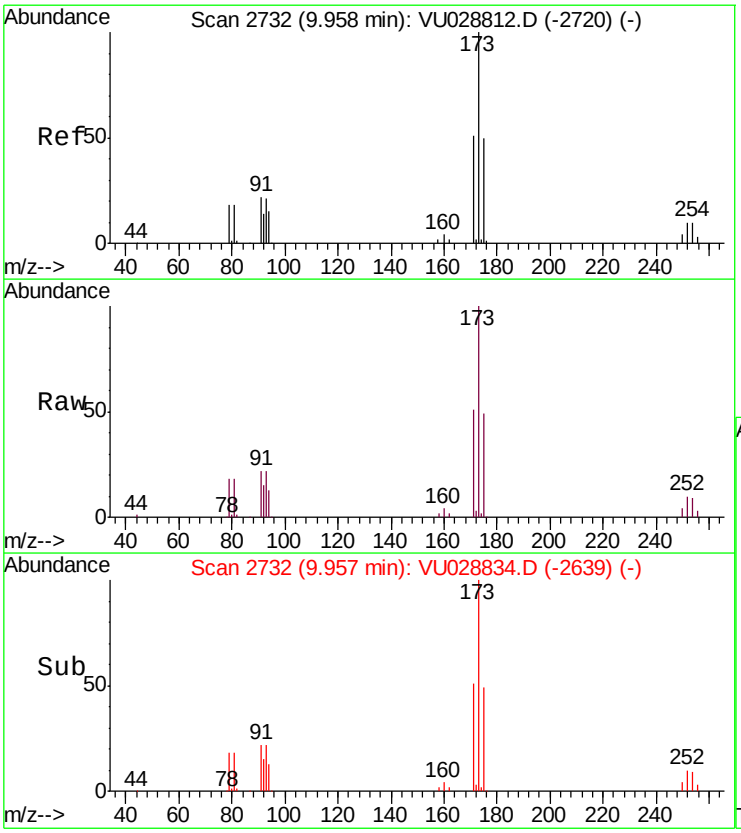
#59
1,2,3-Trichloropropane
Concen: 51.111 ug/L
RT: 10.49 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion: 75 Resp: 112681

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.5	38.3

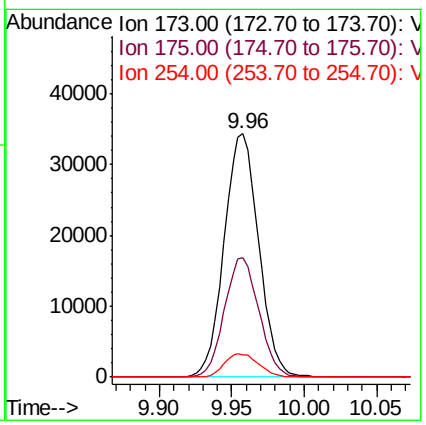


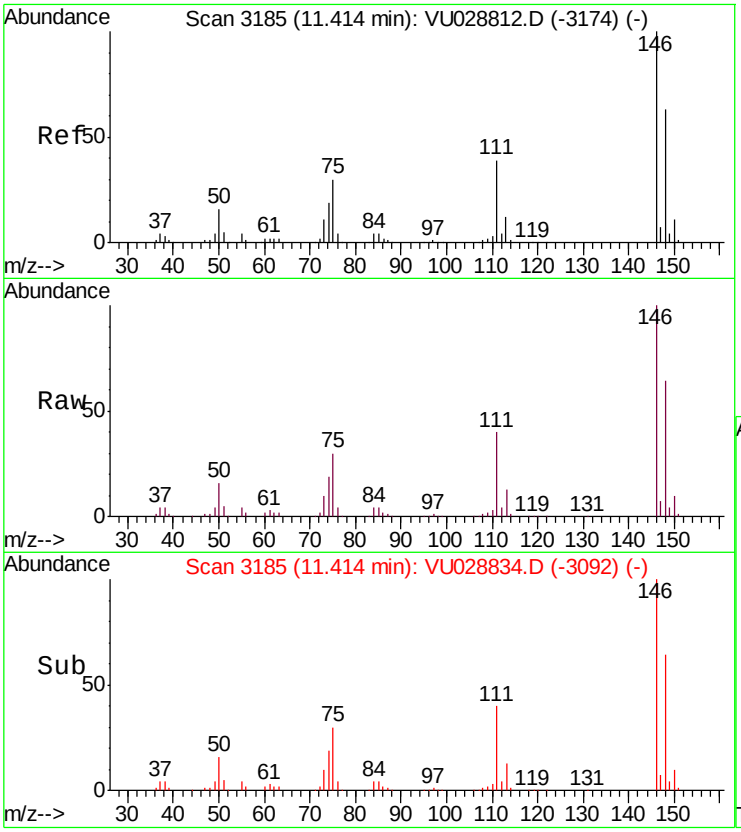


#61
Bromoform
Concen: 47.661 ug/L
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion:173 Resp: 56873

Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.9	58.3
254	9.7	7.8	11.8



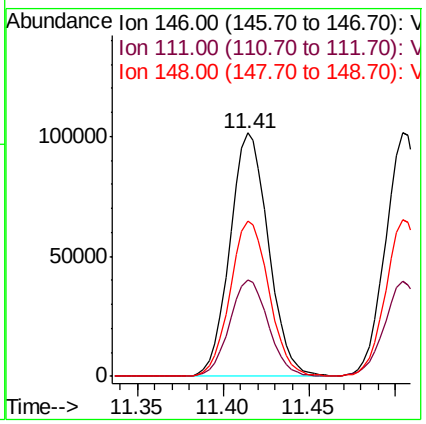


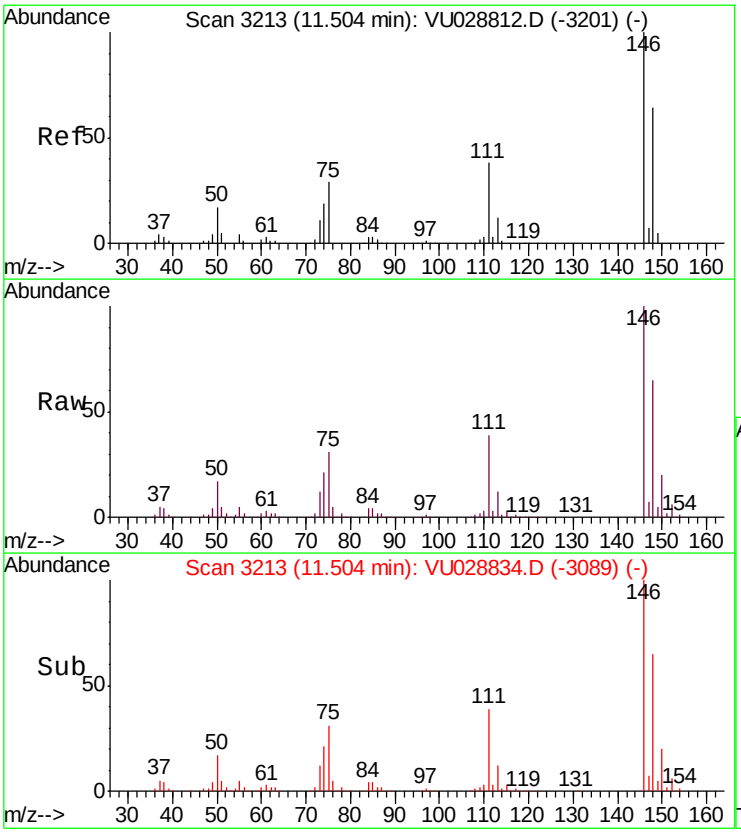
#62
1,3-Dichlorobenzene
Concen: 51.926 ug/L
RT: 11.41 min Scan# 3185
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion:146 Resp: 158780

Ion	Ratio	Lower	Upper
146	100		
111	39.6	27.4	50.8
148	64.0	44.2	82.2

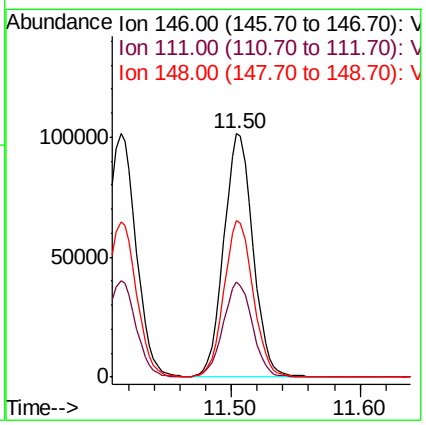


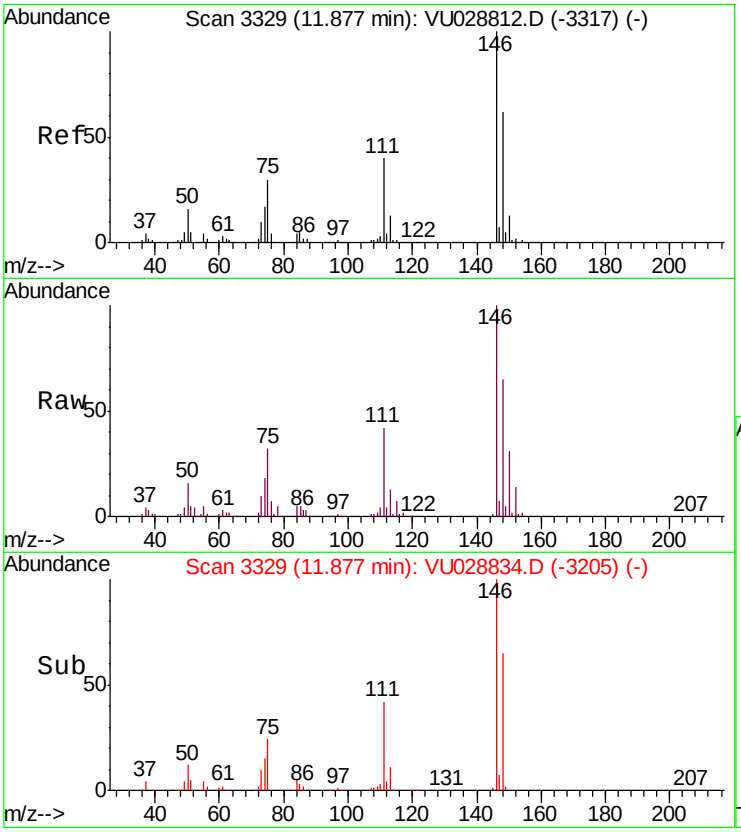


#63
1,4-Dichlorobenzene
Concen: 50.348 ug/L
RT: 11.50 min Scan# 3213
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion:146 Resp: 158618

Ion	Ratio	Lower	Upper
146	100		
111	38.9	26.5	49.1
148	64.5	45.1	83.9



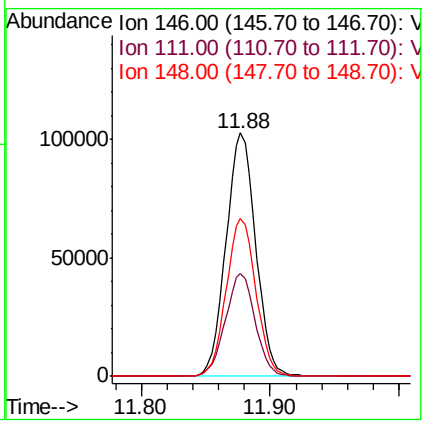


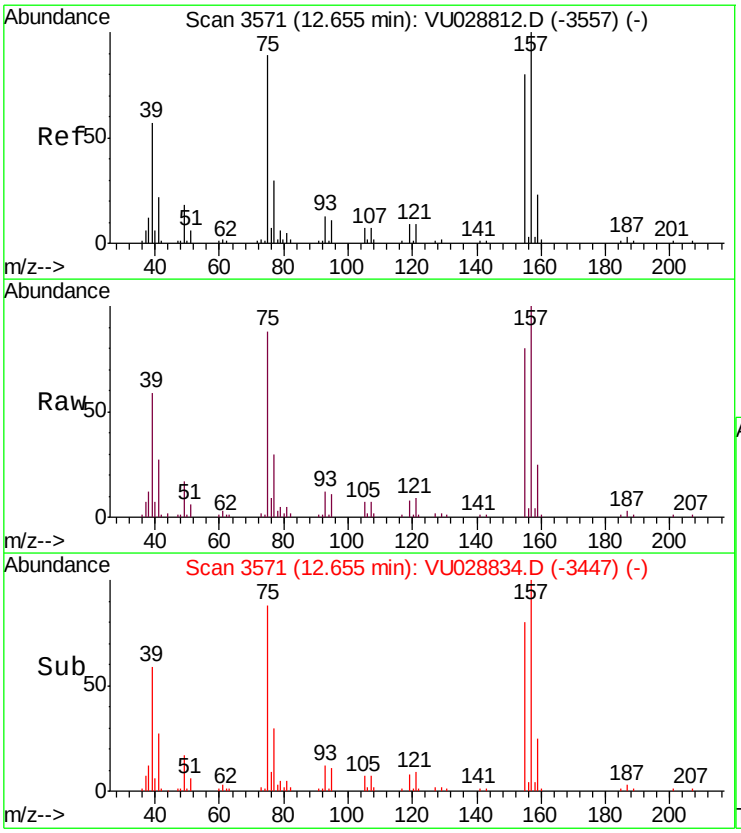
#65
1,2-Dichlorobenzene
Concen: 51.583 ug/L
RT: 11.88 min Scan# 3329
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion:146 Resp: 164541

Ion	Ratio	Lower	Upper
146	100		
111	42.4	32.1	48.1
148	64.8	49.7	74.5

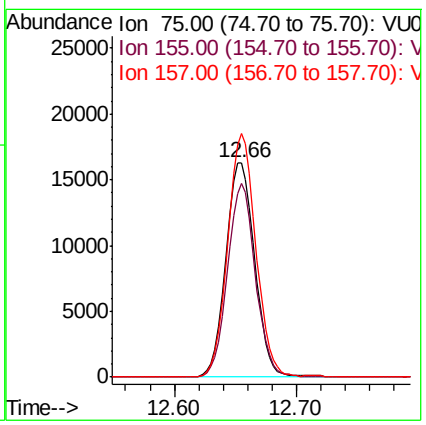


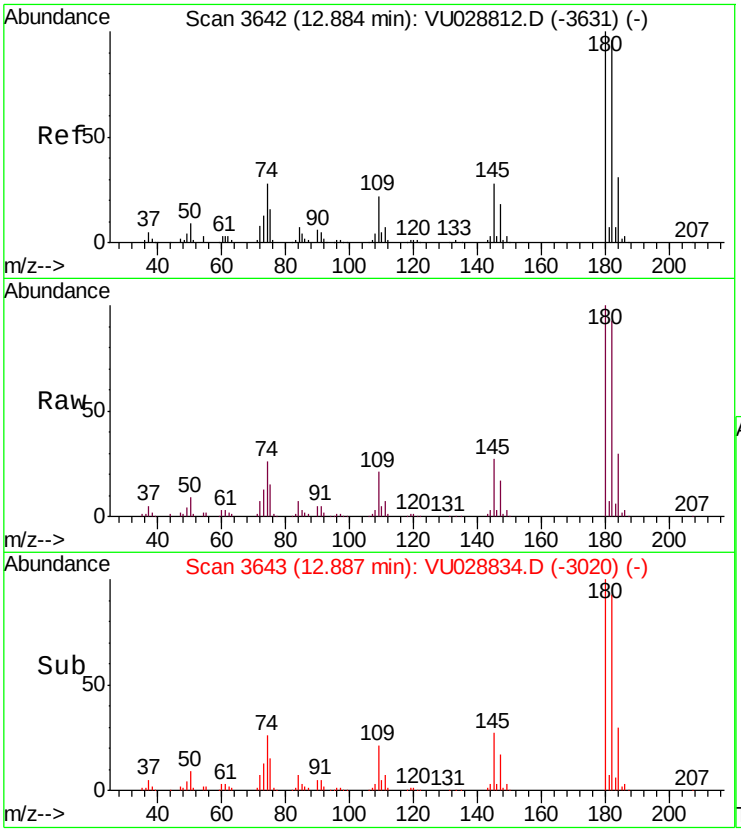


#66
1,2-Dibromo-3-chloropropane
Concen: 49.026 ug/L
RT: 12.66 min Scan# 3571
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion: 75 Resp: 26975

Ion	Ratio	Lower	Upper
75	100		
155	90.5	71.4	107.2
157	113.6	89.6	134.4



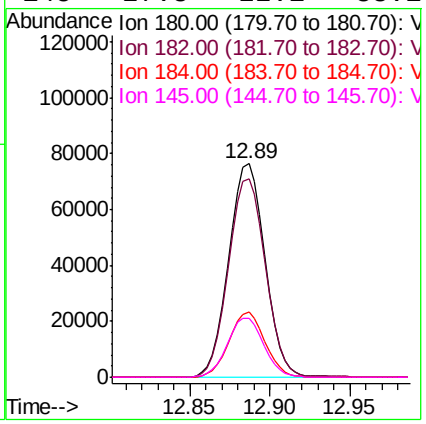


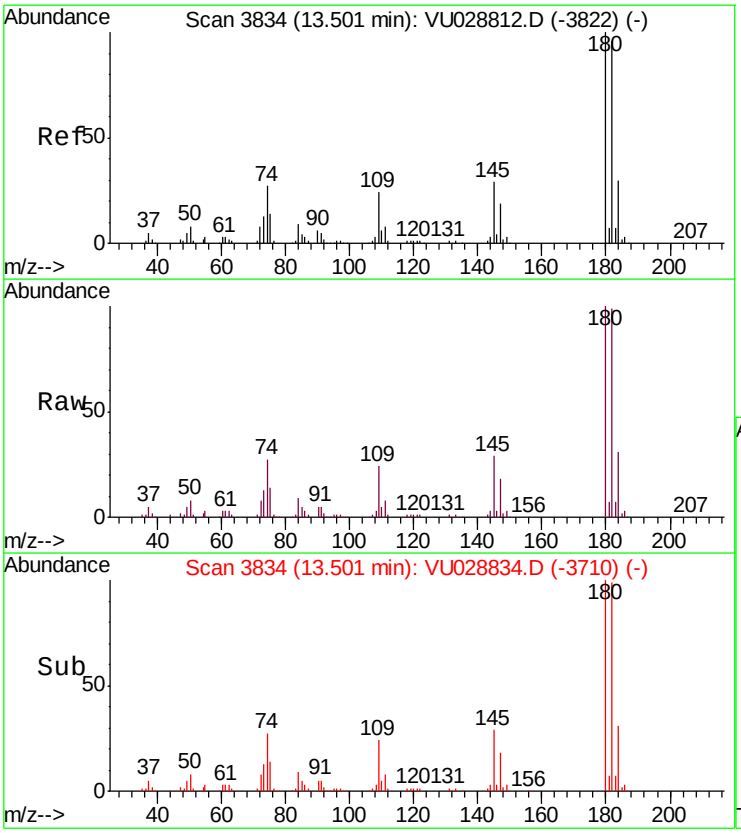
#67
1,3,5-Trichlorobenzene
Concen: 52.274 ug/L
RT: 12.89 min Scan# 3643
Delta R.T. 0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument : MSVOA_U
ClientSampleId : VSTD05041

Tgt Ion:180 Resp: 117854

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.4	114.6
184	30.0	24.6	36.8
145	27.8	22.1	33.1

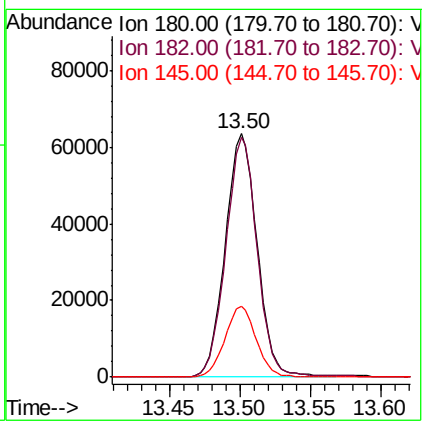


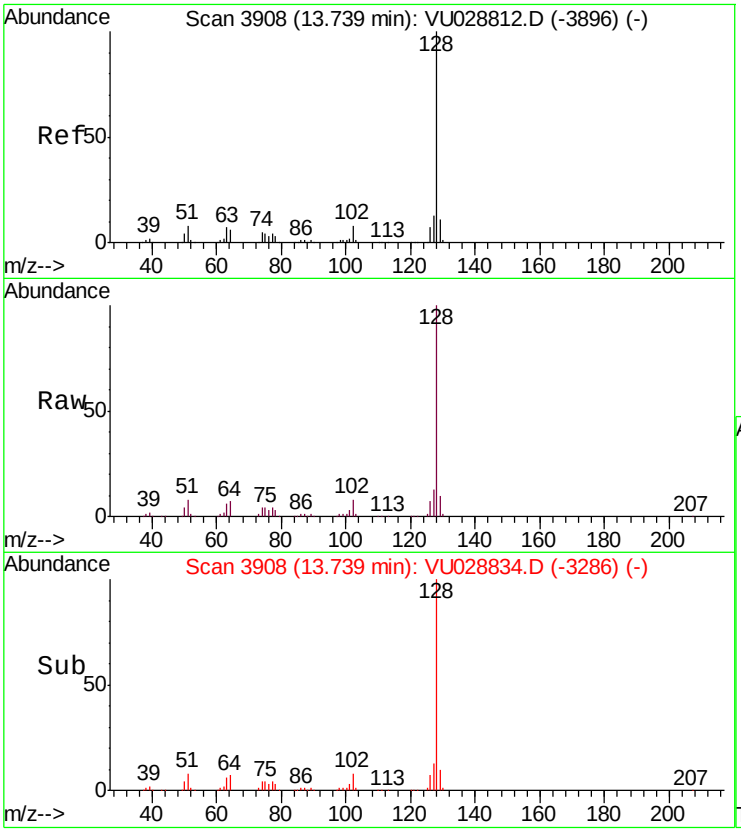


#68
1,2,4-trichlorobenzene
Concen: 53.300 ug/L
RT: 13.50 min Scan# 3834
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion:180 Resp: 100630

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.4	116.0
145	28.5	23.5	35.3



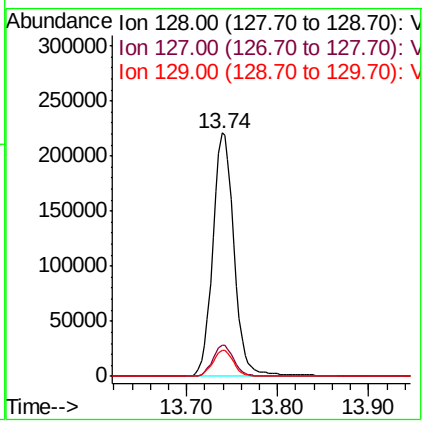


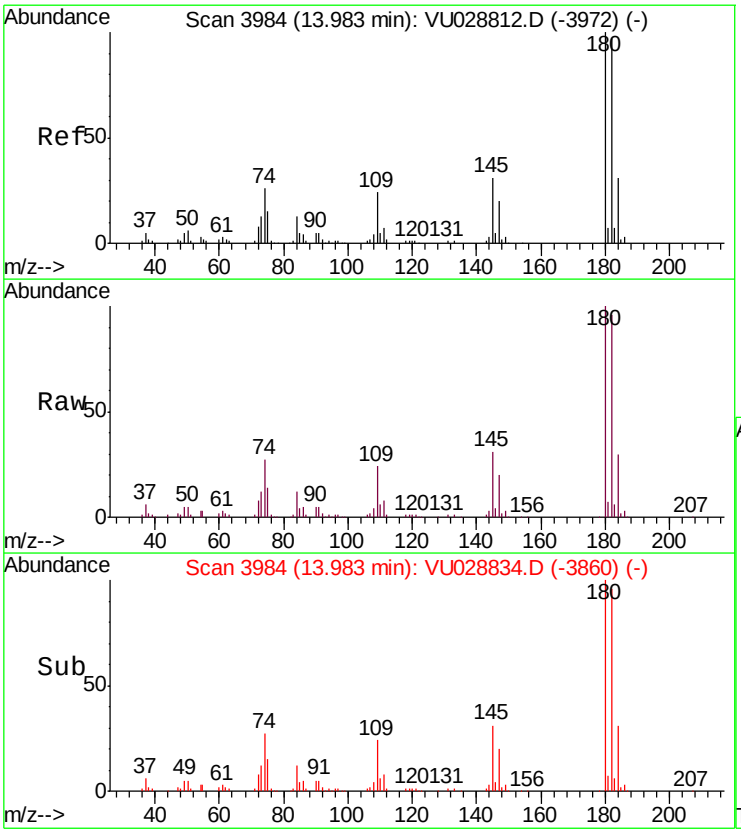
#69
Naphthalene
Concen: 54.867 ug/L
RT: 13.74 min Scan# 3908
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
VSTD05041

Tgt Ion:128 Resp: 359641

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	10.4	8.7	13.1





#70
1,2,3-Trichlorobenzene
Concen: 51.954 ug/L
RT: 13.98 min Scan# 3984
Delta R.T. -0.00 min
Lab File: VU028834.D
Acq: 20 Dec 2018 19:07

Tgt Ion:180 Resp: 105768

Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.8	113.8
145	30.4	24.5	36.7