Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121818\

Quantitation Report (Not Reviewed)

Data File : VU028764.D
Acq On : 18 Dec 2018 12:39
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05045

Quant Time: Dec 19 00:37:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 12 05:44:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	188555	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	177733	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85065	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	84437	47.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.90%			
7) Chloroethane-d5	1.67	69	63710	48.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.54%			
11) 1,1-Dichloroethene-d2	2.27	63	141686	45.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.26%			
21) 2-Butanone-d5	4.17	46	120878	85.48	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.48%			
24) Chloroform-d	4.65	84	131733	47.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.54%			
26) 1,2-Dichloroethane-d4	5.30	65	79938	43.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.00%			
32) Benzene-d6	5.34	84	284188	51.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.28%			
36) 1,2-Dichloropropane-d6	6.33	67	97613	48.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.82%			
41) Toluene-d8	7.56	98	260593	51.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.86%			
43) trans-1,3-Dichloropropene-	7.85	79	44299	48.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.06%			
47) 2-Hexanone-d5	8.31	63	97134	100.50	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.50%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	131634	50.77	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.54%			
64) 1,2-Dichlorobenzene-d4	11.86	152	96394	55.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.70%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	72512	46.174	ug/L	98
3) Chloromethane	1.33	50	106452	44.084	ug/L	98
5) Vinyl chloride	1.40	62	101570	48.596	ug/L	99
6) Bromomethane	1.61	94	39435	62.862	ug/L	96
8) Chloroethane	1.69	64	59290	49.502	ug/L	99
9) Trichlorofluoromethane	1.88	101	107682	49.338	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	72403	55.238	ug/L	93
12) 1,1-Dichloroethene	2.28	96	68046	54.782	ug/L	76
13) Acetone	2.32	43	124380	78.669	ug/L	93
14) Carbon disulfide	2.48	76	222946	48.383	ug/L	99
15) Methyl Acetate	2.61	43	99011	44.936	ug/L	92
16) Methylene chloride	2.70	84	84958	52.316	ug/L	88
17) trans-1,2-Dichloroethene	2.98	96	75508	52.426	ug/L	90
18) Methyl tert-butyl Ether	3.00	73	241215	49.716	ug/L	95
19) 1,1-Dichloroethane	3.44	63	150212	49.199	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	88021	53.885	ug/L	91
22) 2-Butanone	4.26	43	159687	85.554	ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121818\

Quantitation Report (Not Reviewed)

Data File : VU028764.D
Acq On : 18 Dec 2018 12:39
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05045

Quant Time: Dec 19 00:37:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 12 05:44:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	40955	56.148 ug/L #	85
25) Chloroform	4.67	83	140549	49.989 ug/L	100
27) 1,2-Dichloroethane	5.40	62	106357	45.765 ug/L #	95
29) Cyclohexane	4.99	56	142921	48.589 ug/L	93
30) 1,1,1-Trichloroethane	4.91	97	111237	50.413 ug/L	98
31) Carbon tetrachloride	5.13	117	91479	51.246 ug/L	97
33) Benzene	5.39	78	337066	53.167 ug/L	100
34) Trichloroethene	6.18	95	79604	51.695 ug/L	91
35) Methylcyclohexane	6.41	83	140643	54.175 ug/L	93
37) 1,2-Dichloropropane	6.43	63	97740	51.573 ug/L	99
38) Bromodichloromethane	6.76	83	107680	51.665 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	141201	52.496 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	267873	92.821 ug/L	93
42) Toluene	7.64	91	347460	53.949 ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	123809	49.904 ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	81764	55.056 ug/L	98
46) Tetrachloroethene	8.22	164	61793	56.713 ug/L	97
48) 2-Hexanone	8.36	43	219663	89.954 ug/L #	93
49) Dibromochloromethane	8.48	129	82752	55.083 ug/L	98
50) 1,2-Dibromoethane	8.58	107	86180	55.331 ug/L	98
51) Chlorobenzene	9.12	112	217785	56.131 ug/L	94
52) Ethylbenzene	9.25	91	379262	53.192 ug/L	99
53) m,p-Xylene	9.37	106	140235	54.331 ug/L	96
54) o-xylene	9.78	106	142208	56.108 ug/L	97
55) Styrene	9.79	104	241377	56.090 ug/L	97
56) Isopropylbenzene	10.16	105	363156	54.969 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	148949	54.606 ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	112570	52.569 ug/L	100
61) Bromoform	9.96	173	62715	57.614 ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	165763	57.096 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	165003	56.163 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	167857	57.867 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	29172	51.078 ug/L	83
67) 1,3,5-Trichlorobenzene	12.89	180	124988	59.282 ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	110500	55.876 ug/L	97
69) Naphthalene	13.74	128	377969	57.584 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	114645	58.036 ug/L	98

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

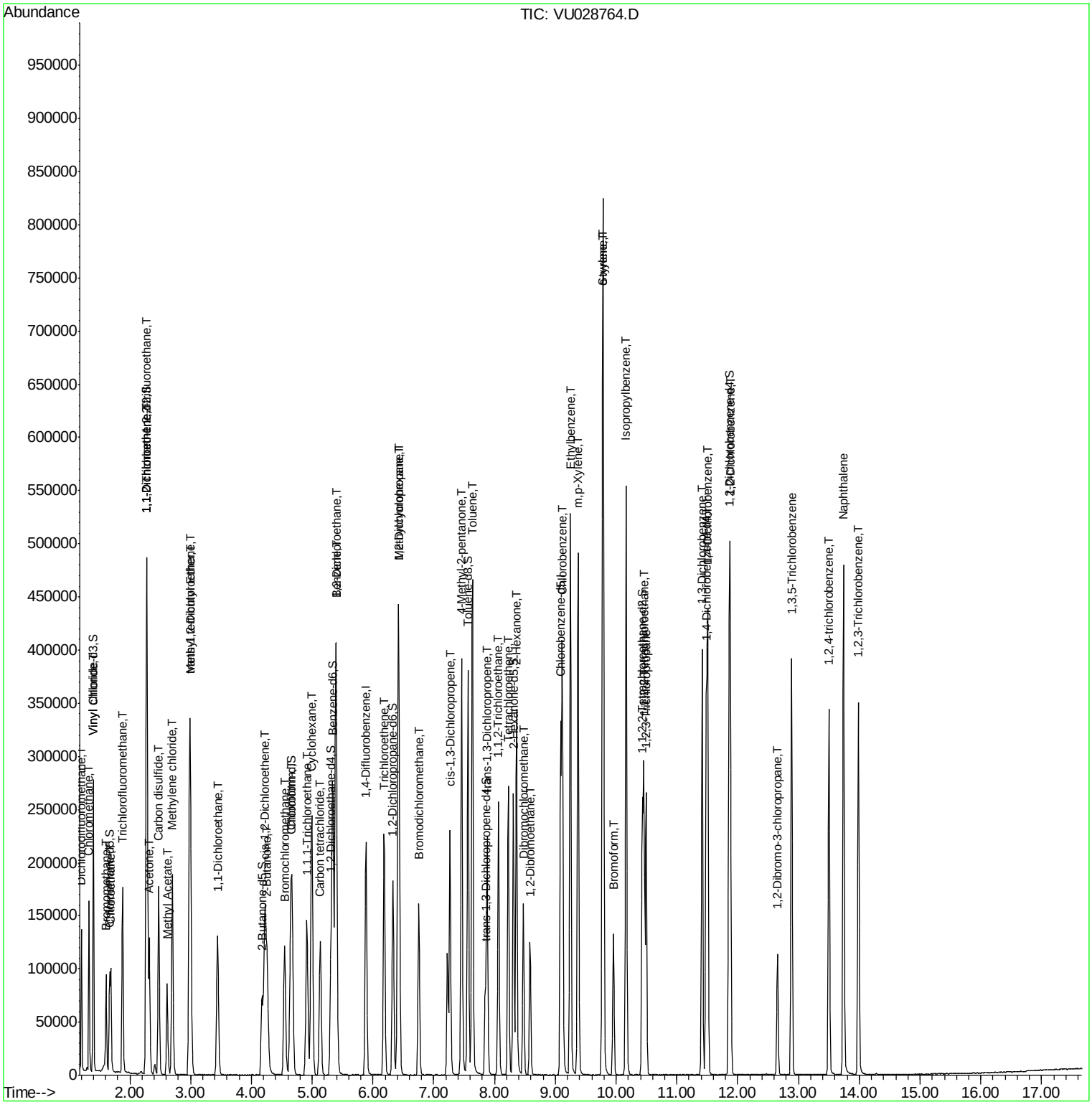
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121818\

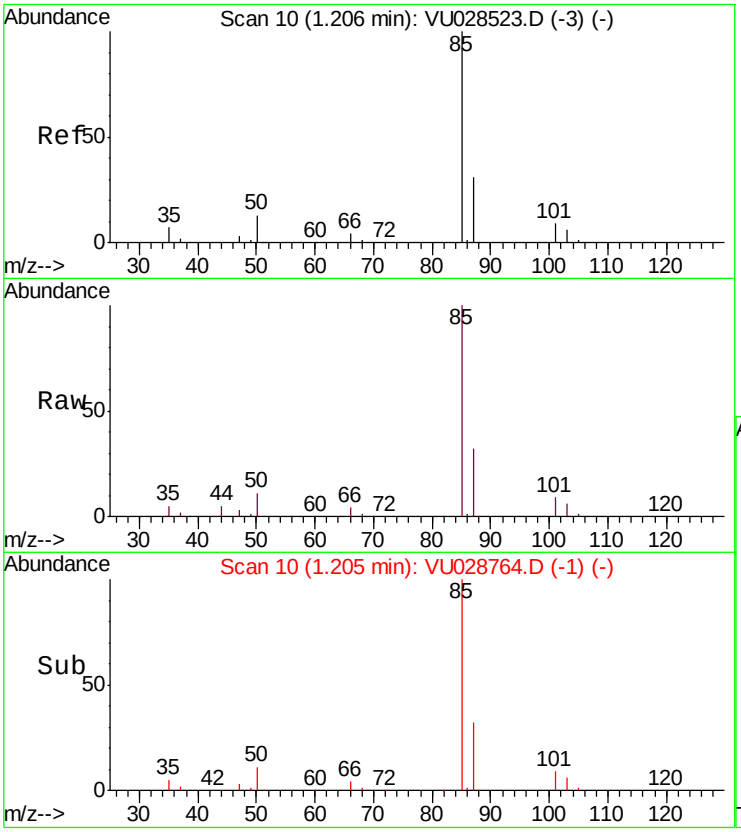
Quantitation Report (Not Reviewed)

Data File : VU028764.D
Acq On : 18 Dec 2018 12:39
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Quant Time: Dec 19 00:37:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 12 05:44:10 2018
Response via : Initial Calibration



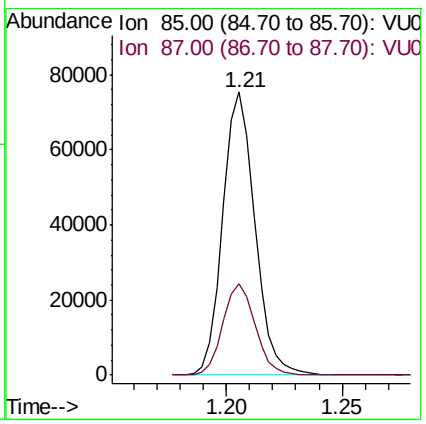


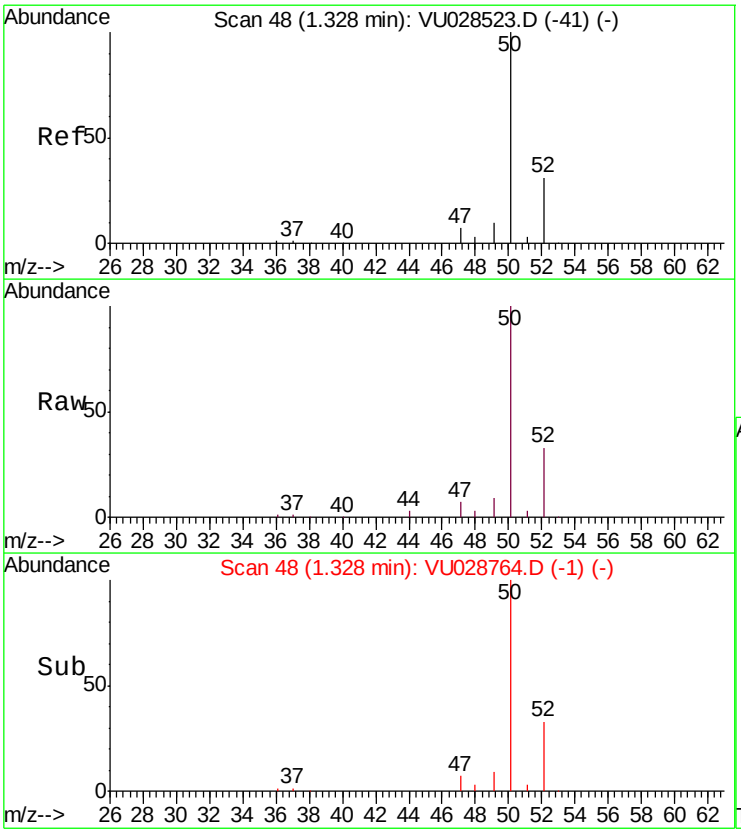
#2
Dichlorodifluoromethane
Concen: 46.174 ug/L
RT: 1.21 min Scan# 10
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument : MSVOA_U
ClientSampleId : VSTD05045

Tgt Ion: 85 Resp: 72512

Ion	Ratio	Lower	Upper
85	100		
87	32.4	25.0	37.4

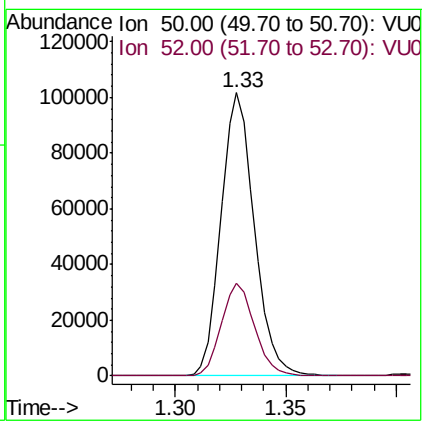


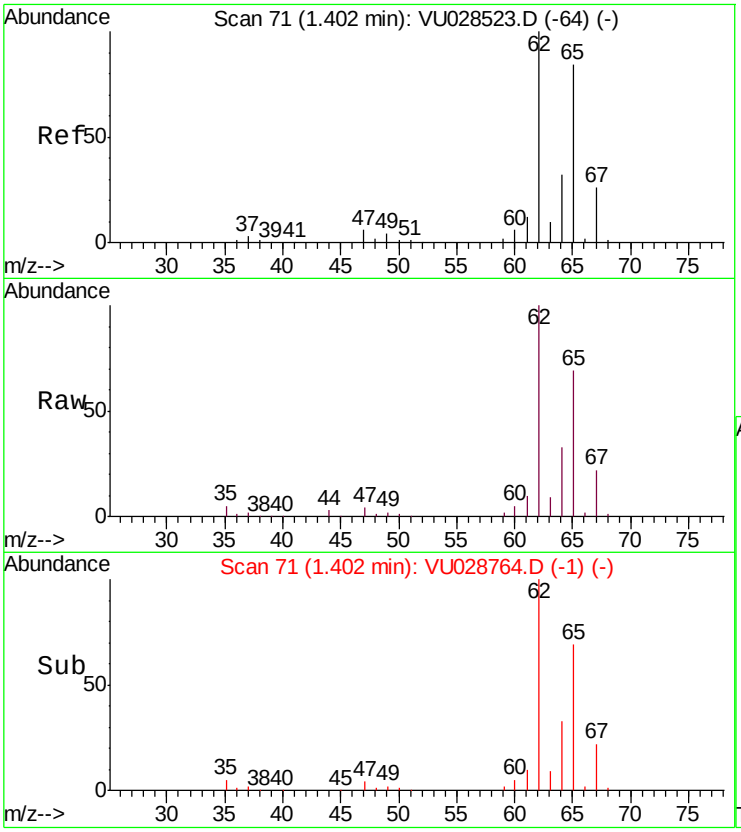


#3
Chloromethane
Concen: 44.084 ug/L
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion: 50 Resp: 106452

Ion	Ratio	Lower	Upper
50	100		
52	32.6	22.0	41.0



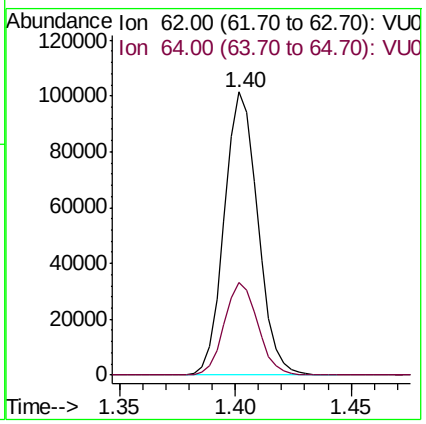


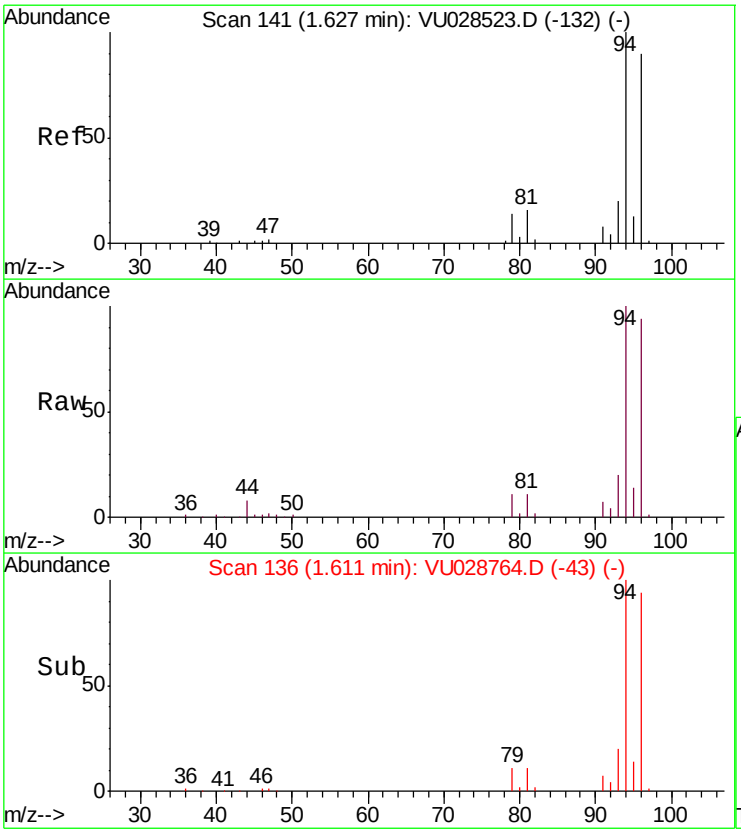
#5
Vinyl chloride
Concen: 48.596 ug/L
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument : MSVOA_U
ClientSampleId : VSTD05045

Tgt Ion: 62 Resp: 101570

Ion	Ratio	Lower	Upper
62	100		
64	32.7	22.3	41.5

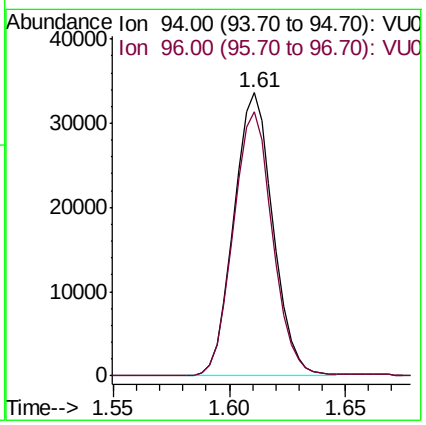


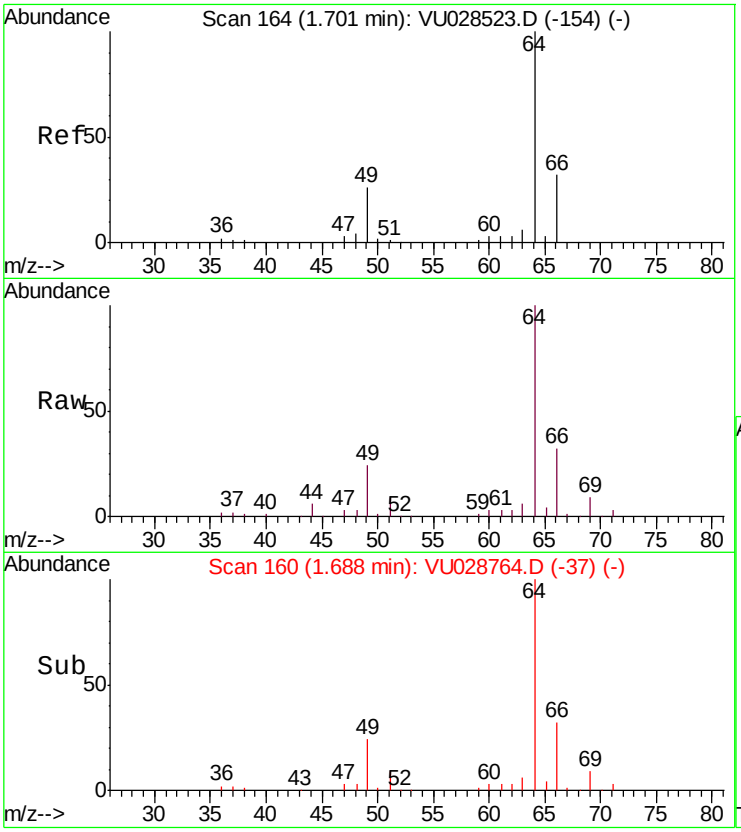


#6
Bromomethane
Concen: 62.862 ug/L
RT: 1.61 min Scan# 136
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion: 94 Resp: 39435

Ion	Ratio	Lower	Upper
94	100		
96	93.5	62.9	116.9



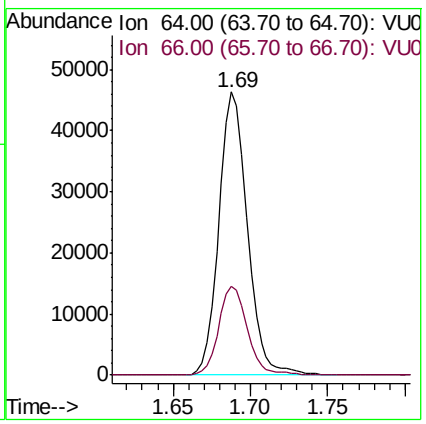


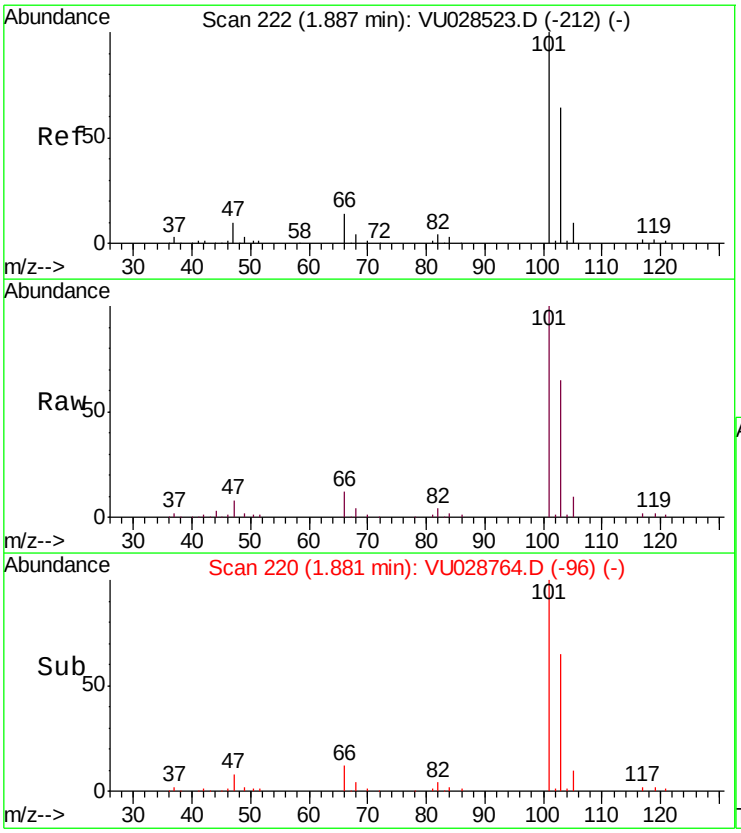
#8
Chloroethane
Concen: 49.502 ug/L
RT: 1.69 min Scan# 160
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Tgt Ion: 64 Resp: 59290

Ion	Ratio	Lower	Upper
64	100		
66	31.6	22.4	41.6

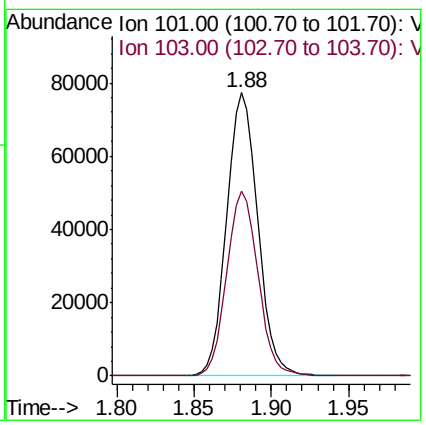


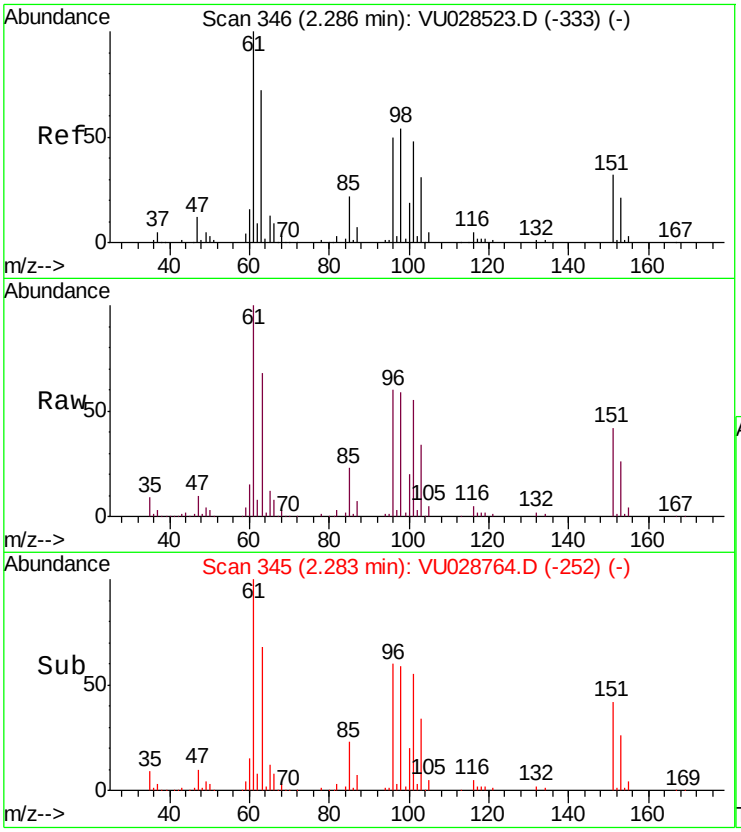


#9
Trichlorofluoromethane
Concen: 49.338 ug/L
RT: 1.88 min Scan# 220
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion:101 Resp: 107682

Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.8	77.6



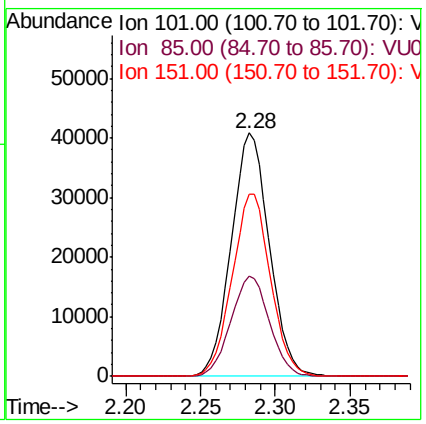


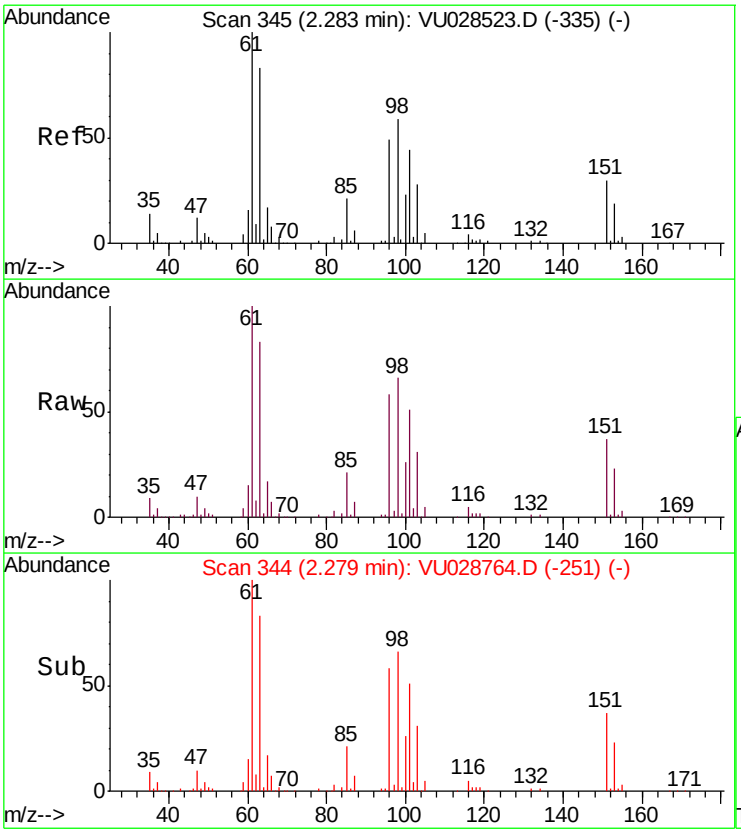
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 55.238 ug/L
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument : MSVOA_U
ClientSampleId : VSTD05045

Tgt Ion:101 Resp: 72403

Ion	Ratio	Lower	Upper
101	100		
85	41.5	36.8	55.2
151	75.2	55.8	83.8

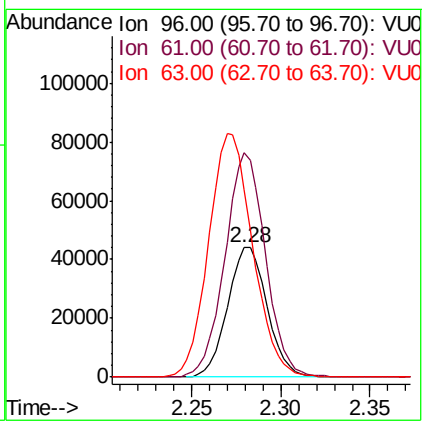


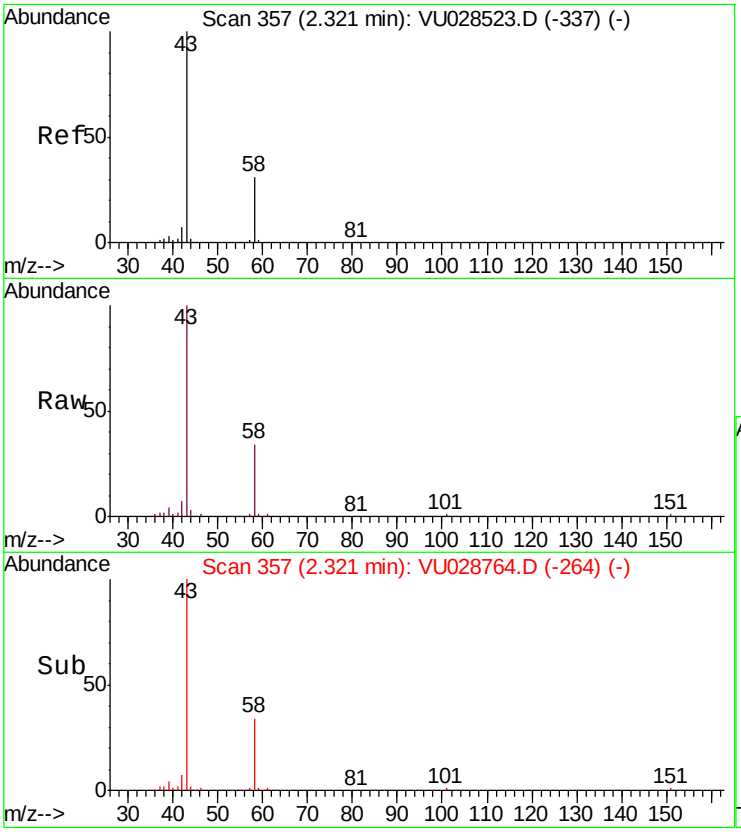


#12
1,1-Dichloroethene
Concen: 54.782 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion: 96 Resp: 68046

Ion	Ratio	Lower	Upper
96	100		
61	173.7	143.2	266.0
63	144.7	130.1	241.7



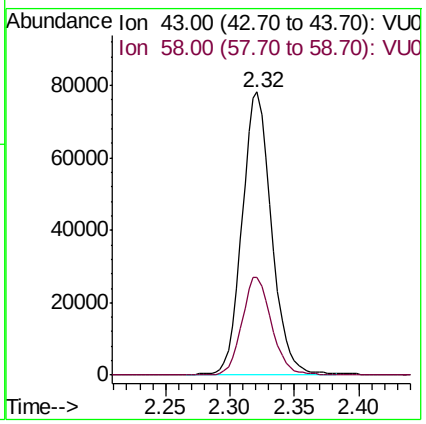


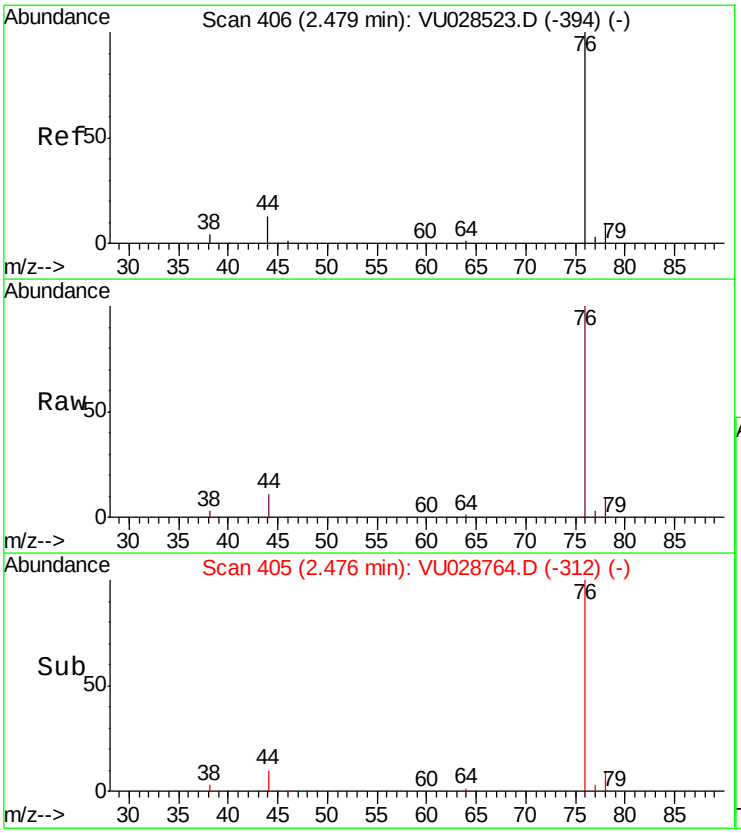
#13
Acetone
Concen: 78.669 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Tgt Ion: 43 Resp: 124380

Ion	Ratio	Lower	Upper
43	100		
58	34.8	0.0	62.0

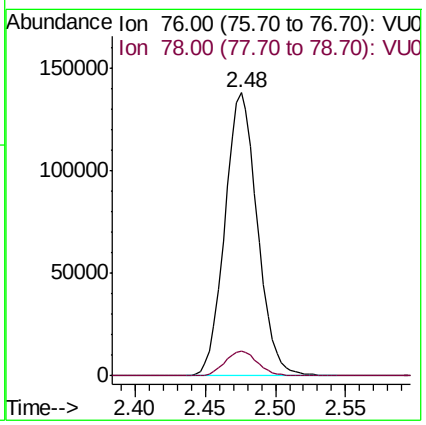


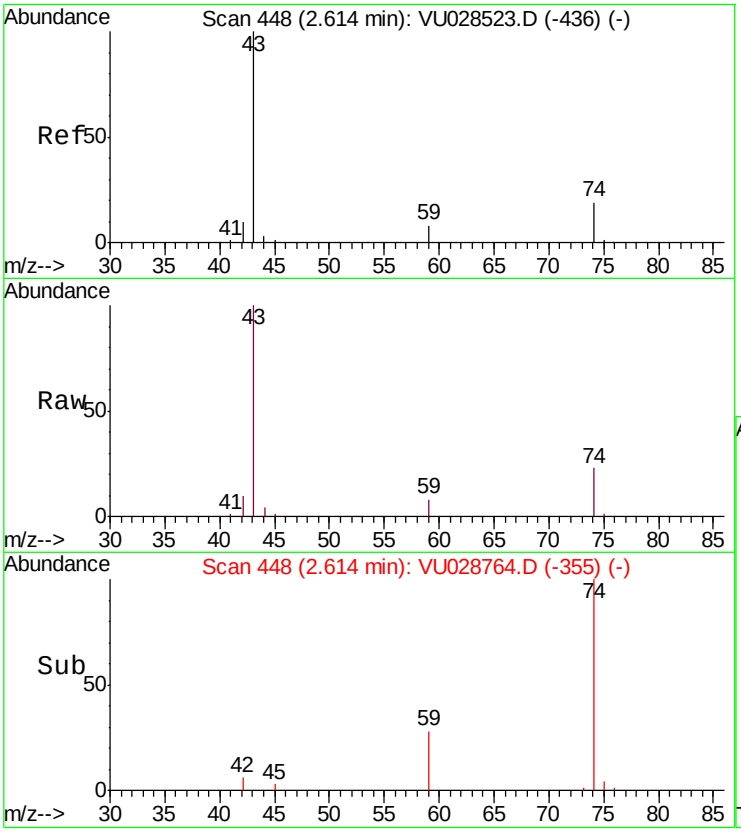


#14
Carbon disulfide
Concen: 48.383 ug/L
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion: 76 Resp: 222946

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9



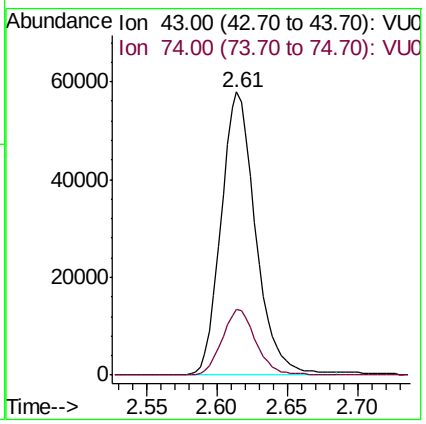


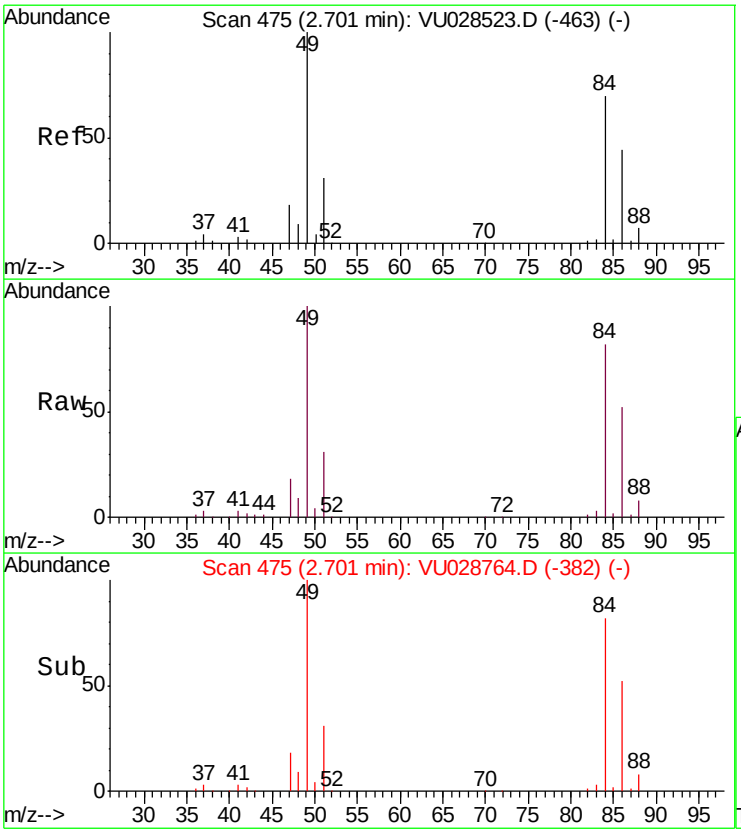
#15
Methyl Acetate
Concen: 44.936 ug/L
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Tgt Ion: 43 Resp: 99011

Ion	Ratio	Lower	Upper
43	100		
74	22.8	15.4	23.0

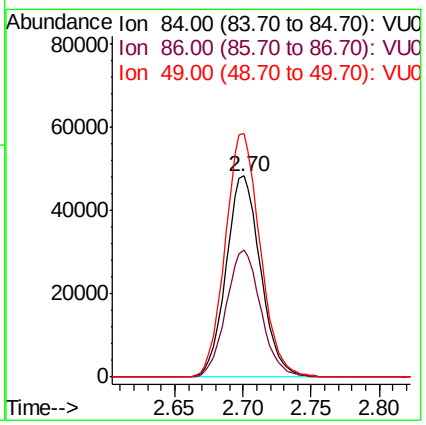


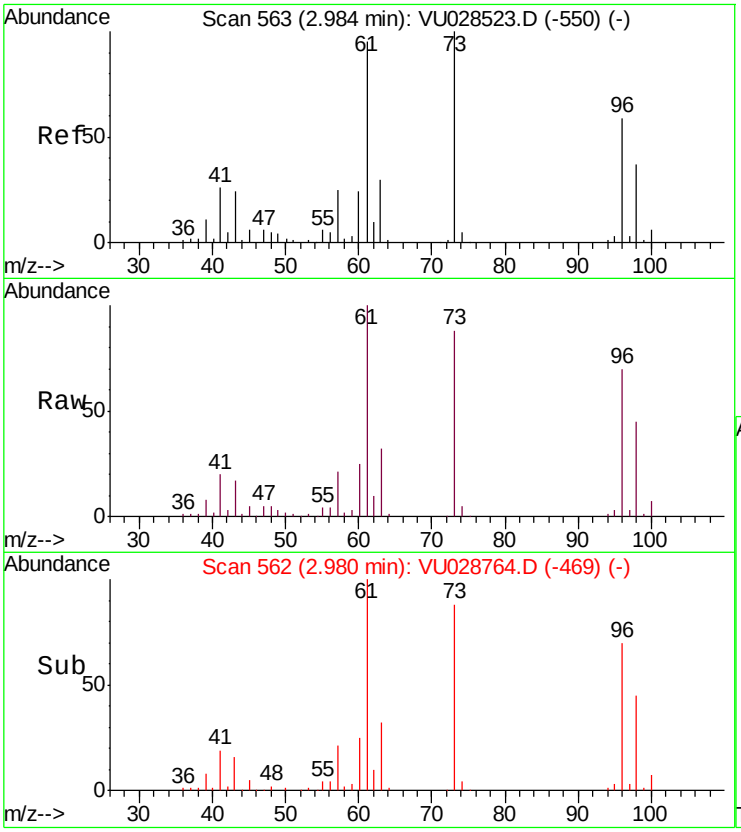


#16
Methylene chloride
Concen: 52.316 ug/L
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion: 84 Resp: 84958

Ion	Ratio	Lower	Upper
84	100		
86	63.1	44.3	82.3
49	121.3	100.0	185.6



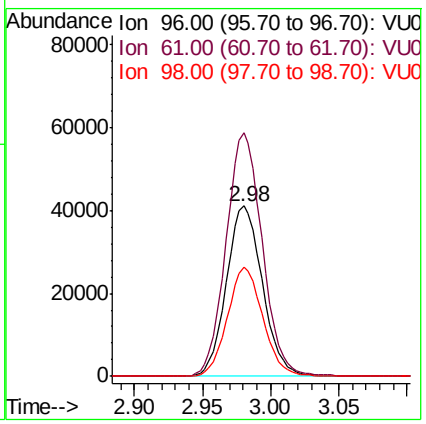


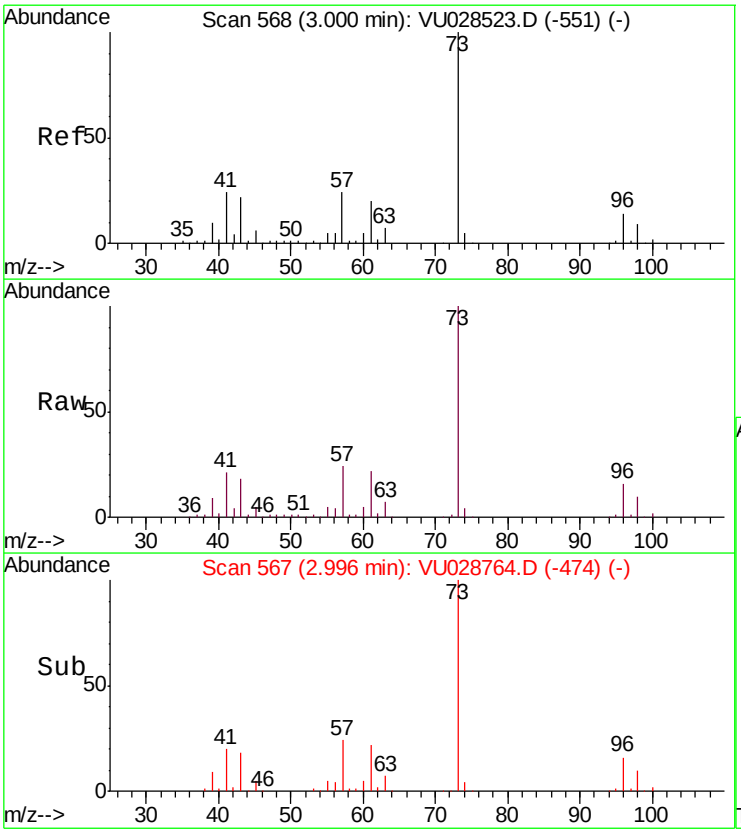
#17
trans-1,2-Dichloroethene
Concen: 52.426 ug/L
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Tgt Ion: 96 Resp: 75508

Ion	Ratio	Lower	Upper
96	100		
61	142.9	112.8	209.4
98	63.8	43.8	81.3

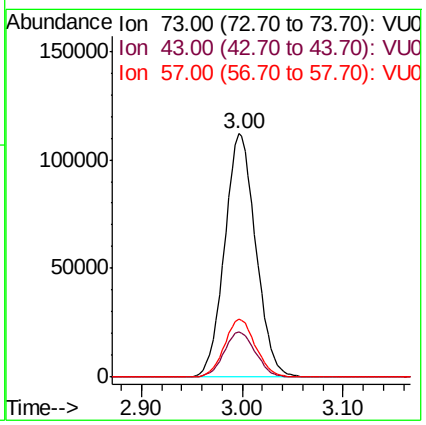


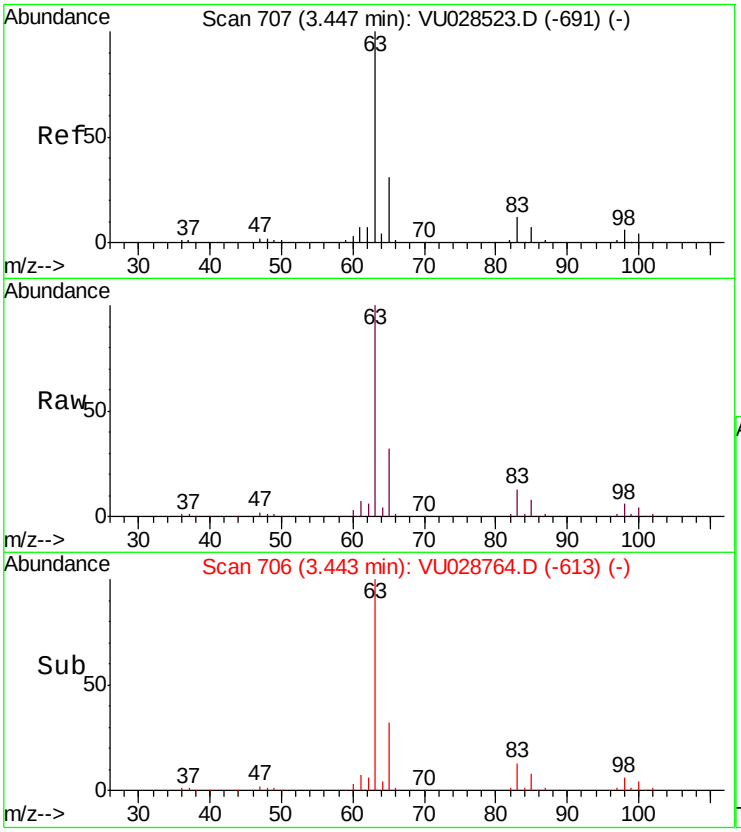


#18
Methyl tert-butyl Ether
Concen: 49.716 ug/L
RT: 3.00 min Scan# 567
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion: 73 Resp: 241215

Ion	Ratio	Lower	Upper
73	100		
43	18.7	18.1	27.1
57	23.6	19.7	29.5



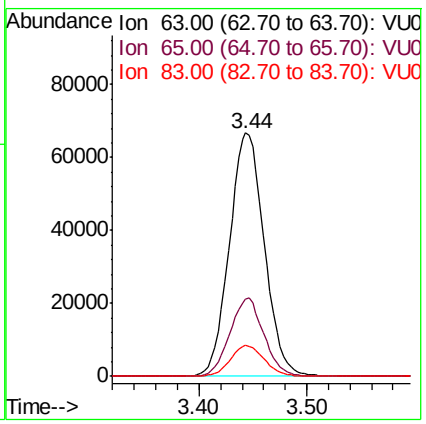


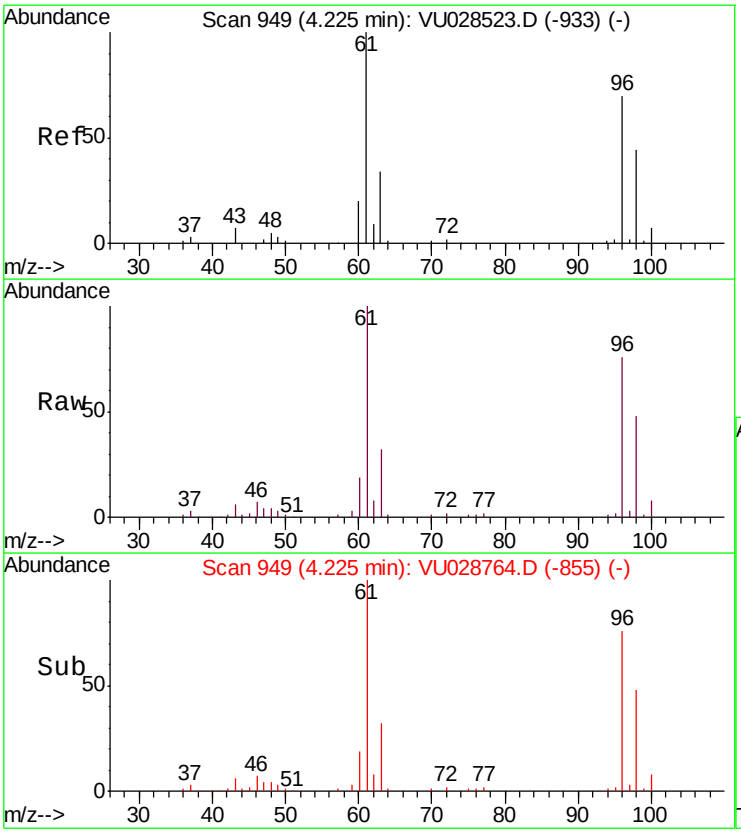
#19
1,1-Dichloroethane
Concen: 49.199 ug/L
RT: 3.44 min Scan# 706
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Tgt Ion: 63 Resp: 150212

Ion	Ratio	Lower	Upper
63	100		
65	31.8	21.8	40.4
83	12.5	8.5	15.7

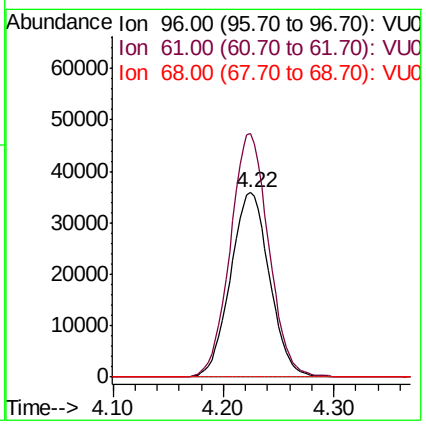


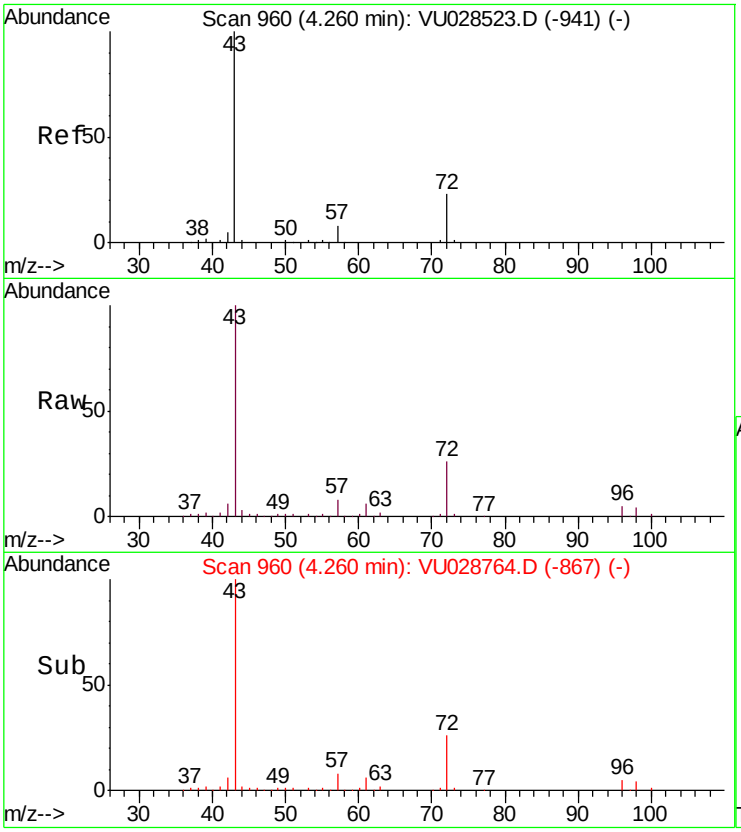


#20
cis-1,2-Dichloroethene
Concen: 53.885 ug/L
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion: 96 Resp: 88021

Ion	Ratio	Lower	Upper
96	100		
61	132.0	100.1	185.9
68	0.0	0.0	0.0



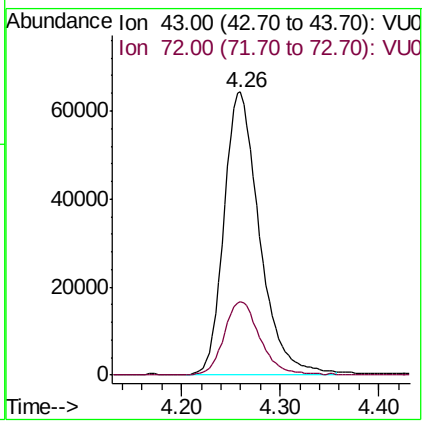


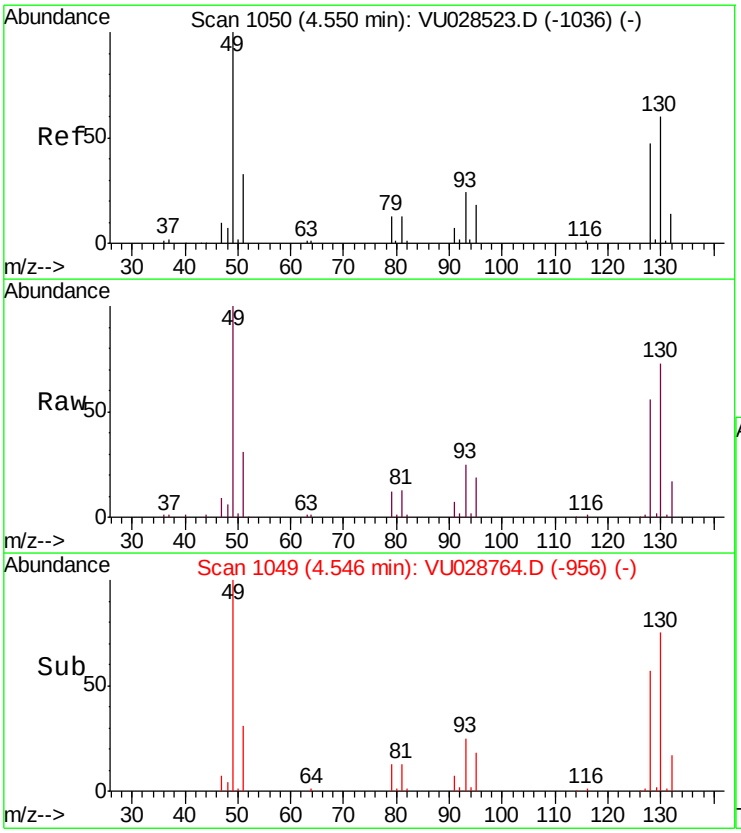
#22
2-Butanone
Concen: 85.554 ug/L
RT: 4.26 min Scan# 960
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Tgt Ion: 43 Resp: 159687

Ion	Ratio	Lower	Upper
43	100		
72	26.6	11.9	35.5

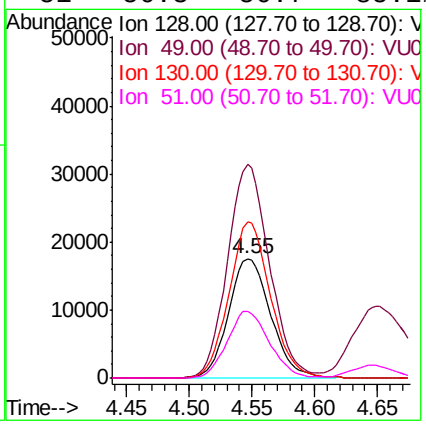


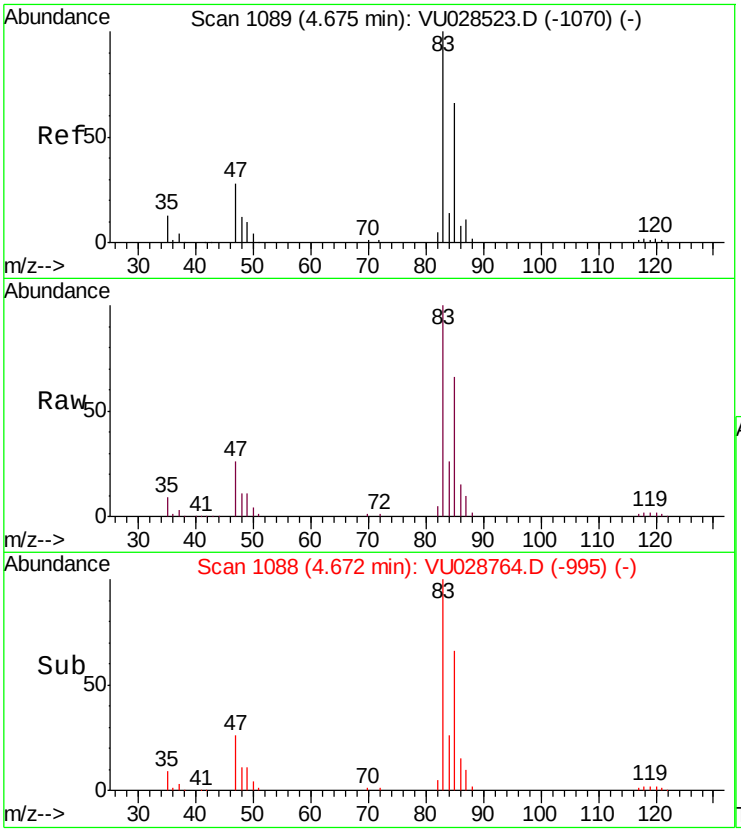


#23
Bromochloromethane
Concen: 56.148 ug/L
RT: 4.55 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion:128 Resp: 40955

Ion	Ratio	Lower	Upper
128	100		
49	179.2	150.8	280.1
130	131.4	90.9	168.7
51	56.3	56.7	85.1#



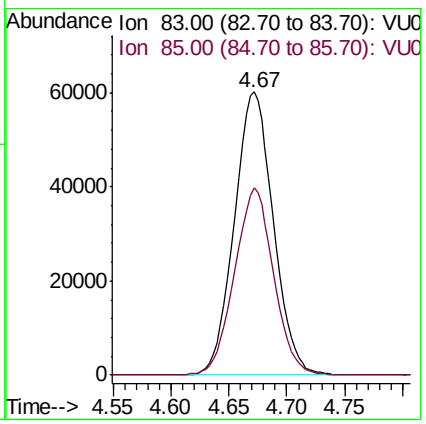


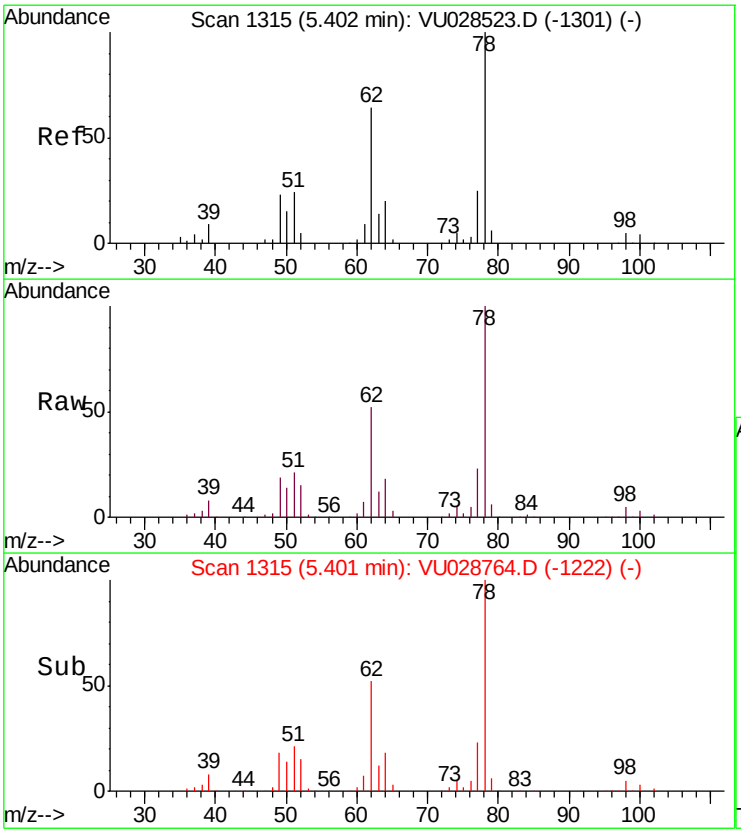
#25
Chloroform
Concen: 49.989 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Tgt Ion: 83 Resp: 140549

Ion	Ratio	Lower	Upper
83	100		
85	66.1	46.0	85.4

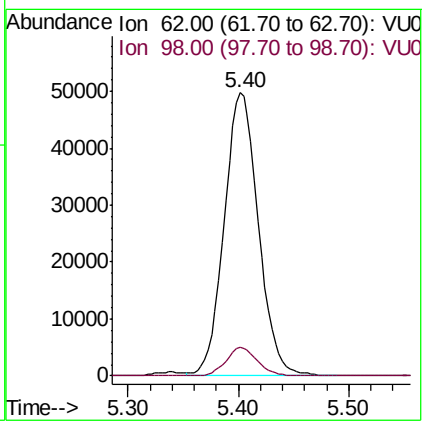


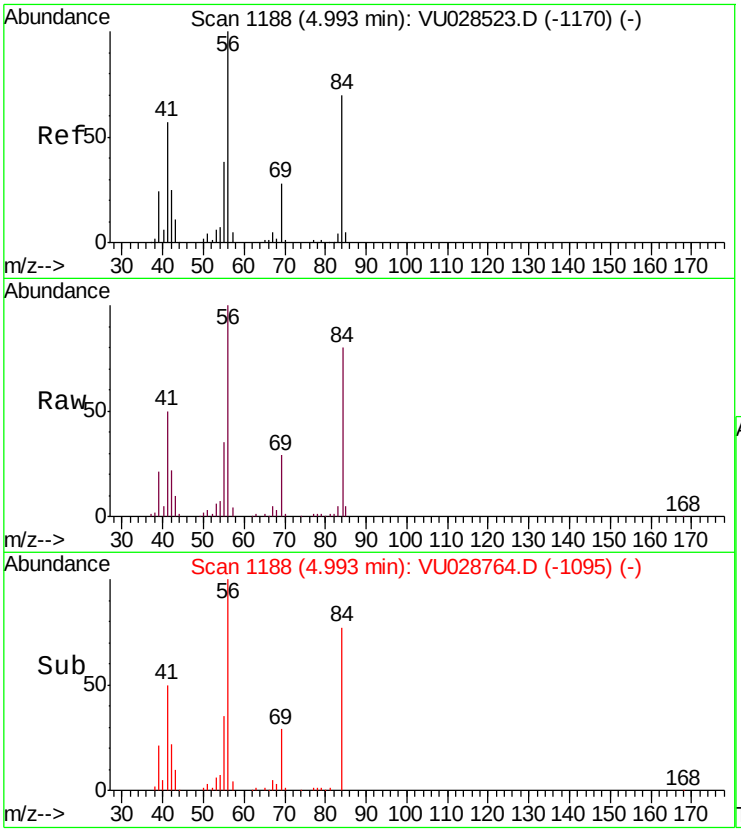


#27
1,2-Dichloroethane
Concen: 45.765 ug/L
RT: 5.40 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion: 62 Resp: 106357

Ion	Ratio	Lower	Upper
62	100		
98	10.1	6.7	10.1#



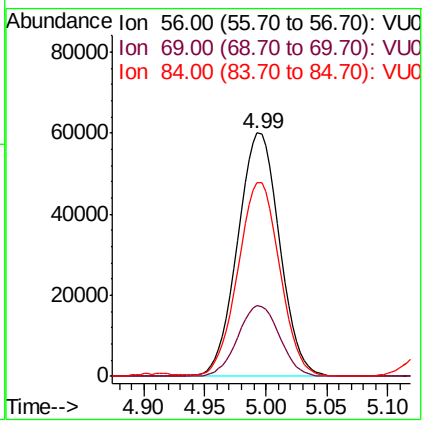


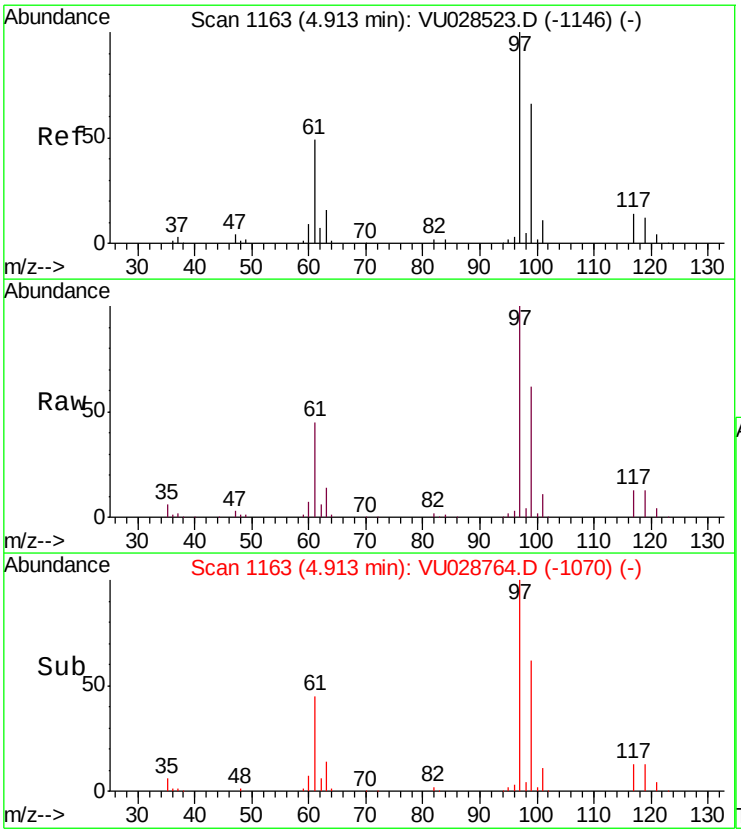
#29
Cyclohexane
Concen: 48.589 ug/L
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument : MSVOA_U
ClientSampleId : VSTD05045

Tgt Ion: 56 Resp: 142921

Ion	Ratio	Lower	Upper
56	100		
69	29.0	22.2	33.2
84	79.6	57.5	86.3

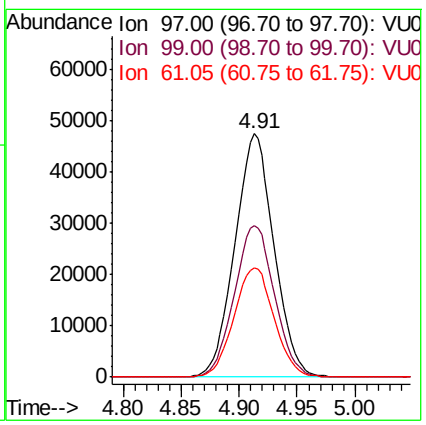


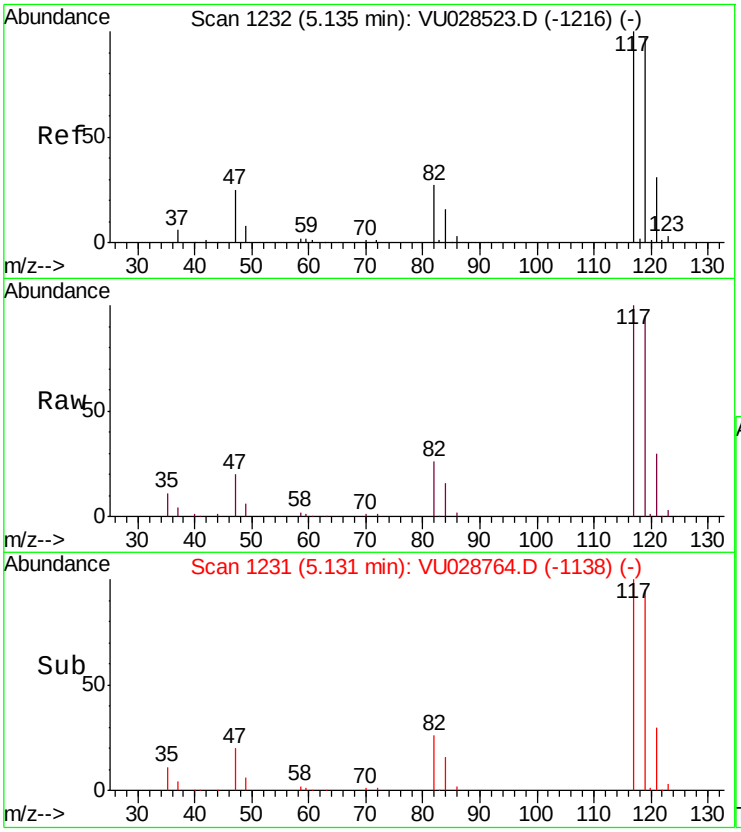


#30
1,1,1-Trichloroethane
Concen: 50.413 ug/L
RT: 4.91 min Scan# 1163
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion: 97 Resp: 111237

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.0
61	46.1	38.7	58.1



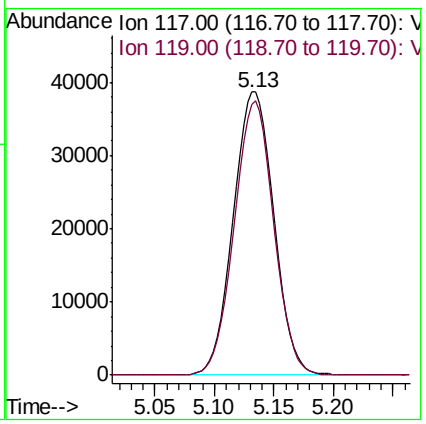


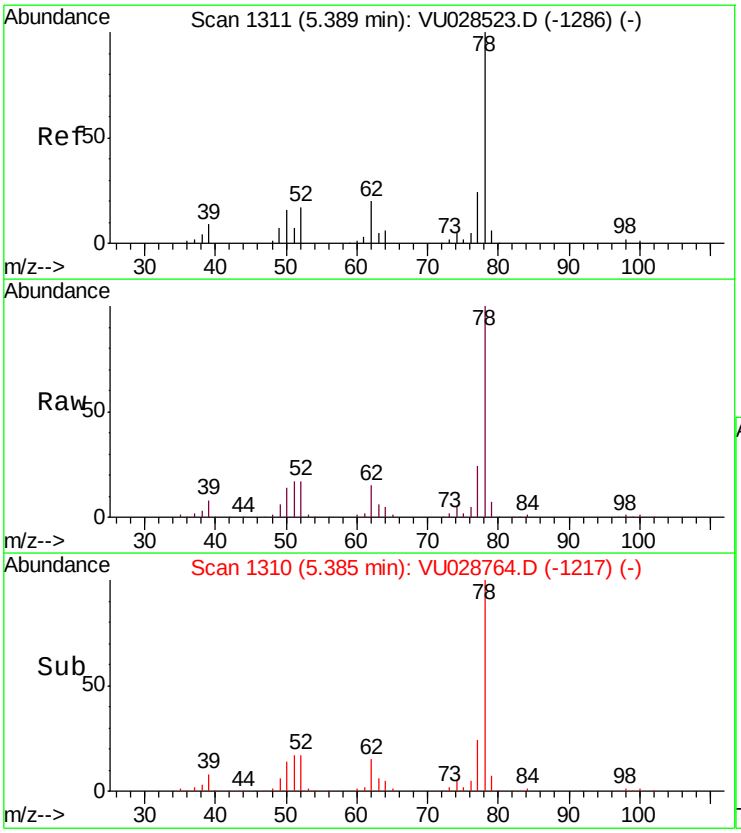
#31
Carbon tetrachloride
Concen: 51.246 ug/L
RT: 5.13 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument : MSVOA_U
ClientSampleId : VSTD05045

Tgt Ion:117 Resp: 91479

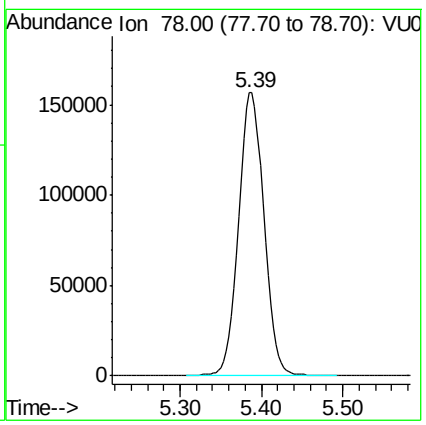
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.2

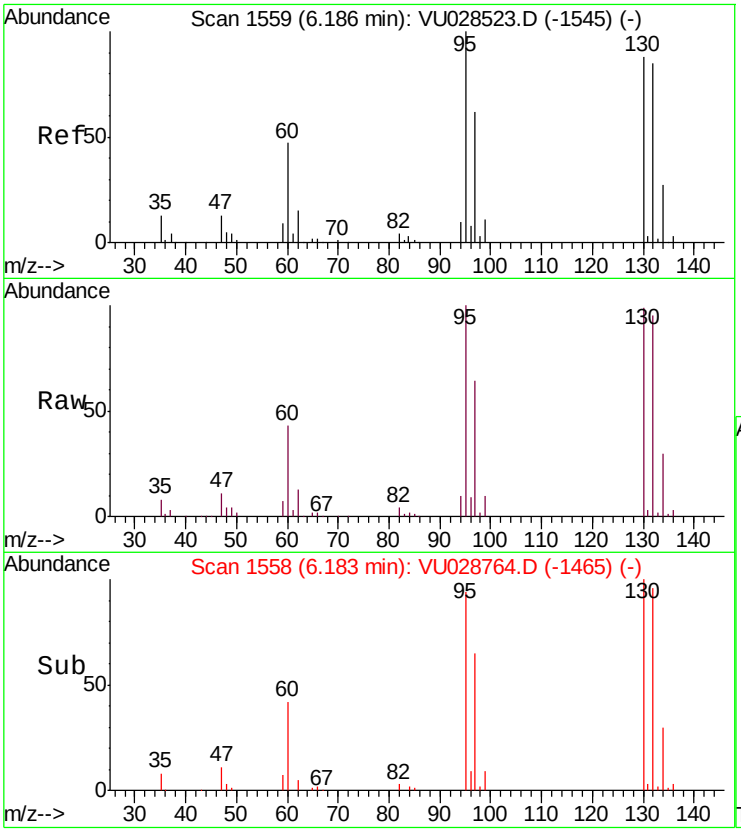




#33
Benzene
Concen: 53.167 ug/L
RT: 5.39 min Scan# 1310
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion: 78 Resp: 337066



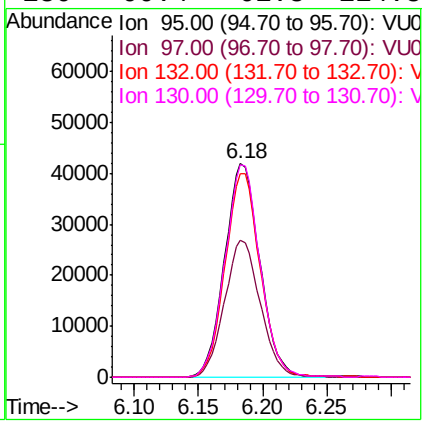


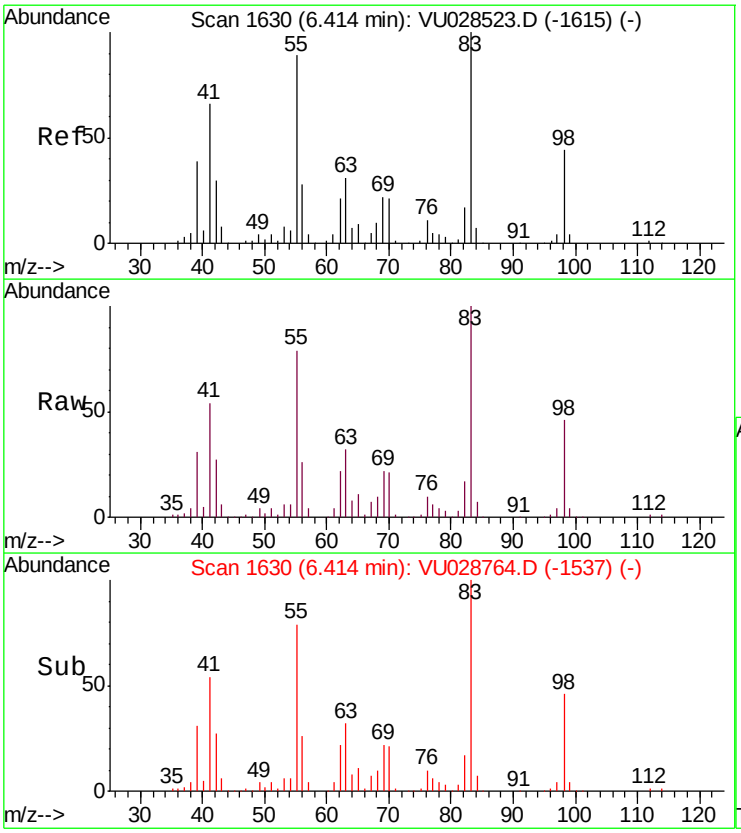
#34
Trichloroethene
Concen: 51.695 ug/L
RT: 6.18 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Tgt Ion: 95 Resp: 79604

Ion	Ratio	Lower	Upper
95	100		
97	64.3	43.5	80.9
132	95.2	59.6	110.6
130	99.4	61.8	114.8

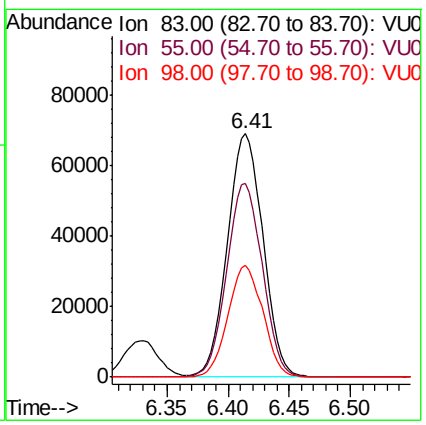


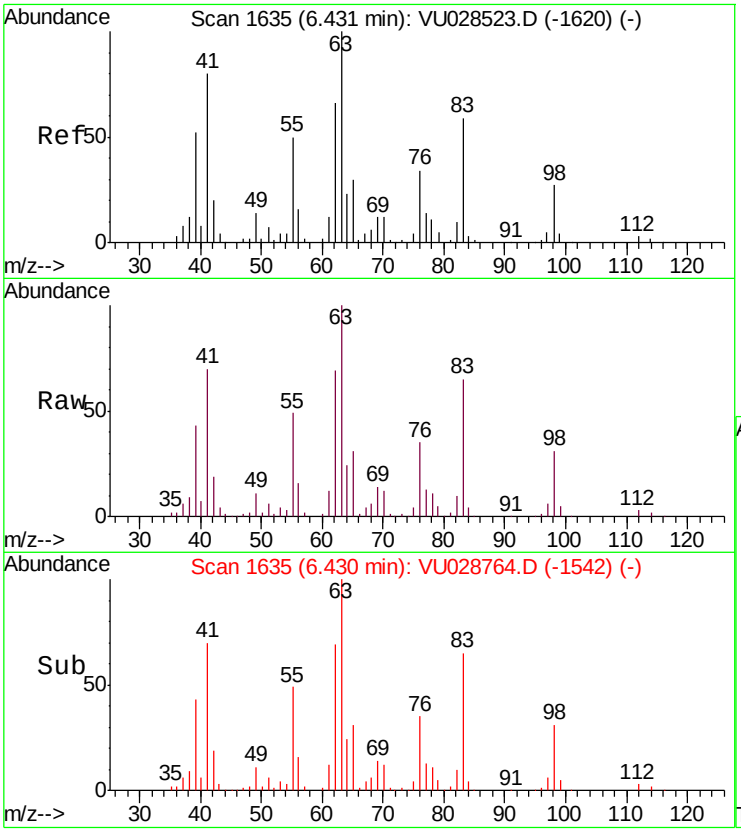


#35
Methylcyclohexane
Concen: 54.175 ug/L
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion: 83 Resp: 140643

Ion	Ratio	Lower	Upper
83	100		
55	79.4	70.1	105.1
98	44.9	34.4	51.6



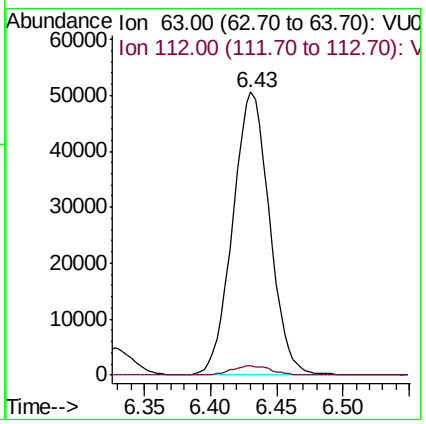


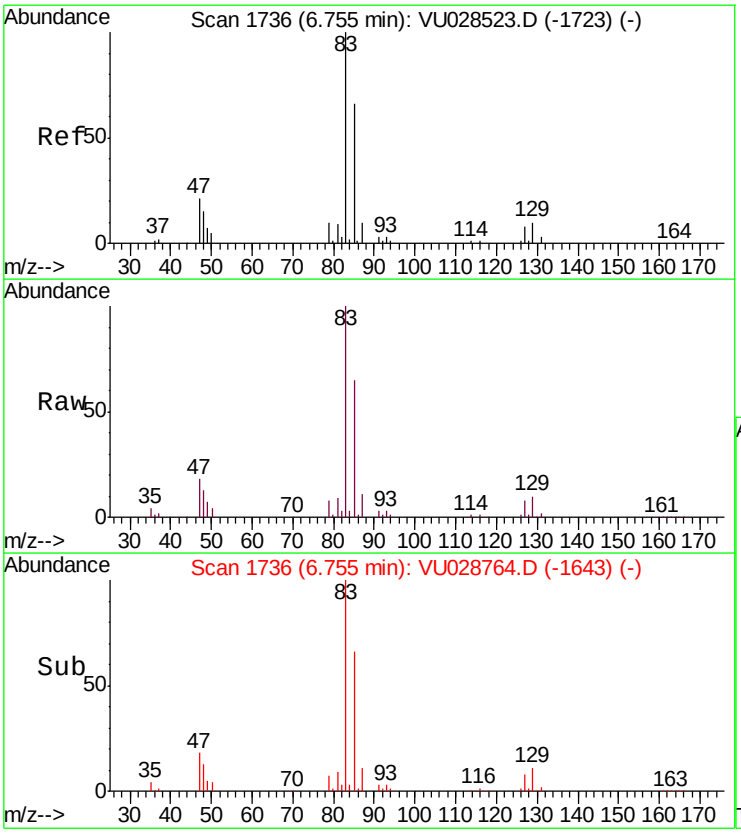
#37
1,2-Dichloropropane
Concen: 51.573 ug/L
RT: 6.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument : MSVOA_U
ClientSampleId : VSTD05045

Tgt Ion: 63 Resp: 97740

Ion	Ratio	Lower	Upper
63	100		
112	3.5	2.4	3.6

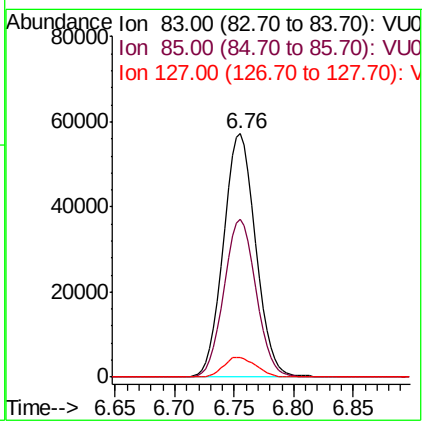


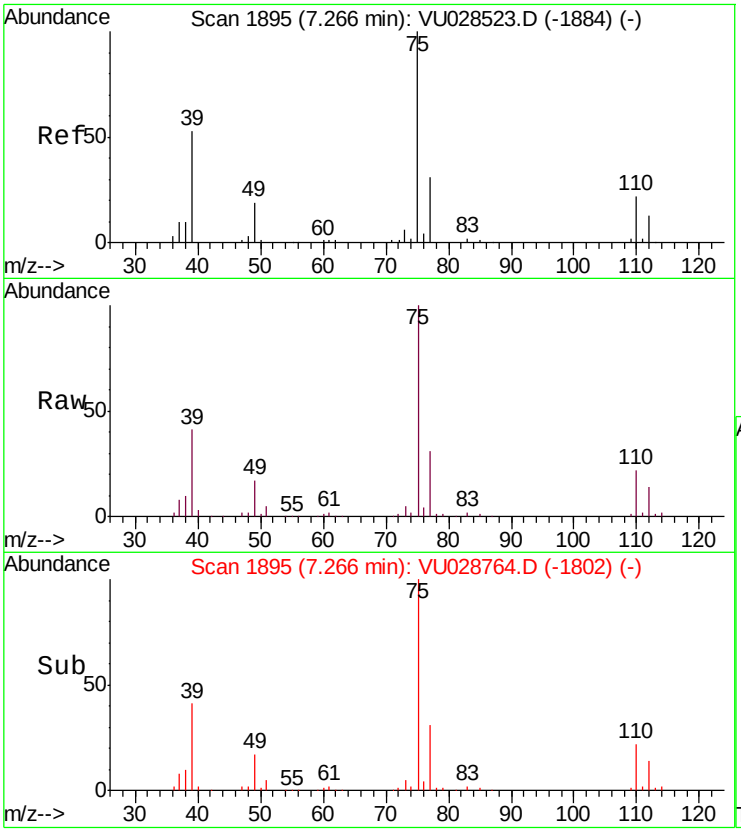


#38
Bromodichloromethane
Concen: 51.665 ug/L
RT: 6.76 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion: 83 Resp: 107680

Ion	Ratio	Lower	Upper
83	100		
85	64.8	46.5	86.3
127	7.9	6.3	9.5



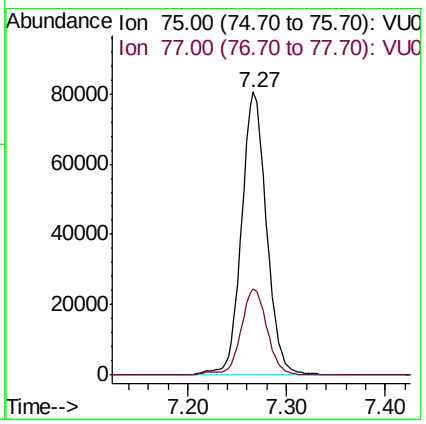


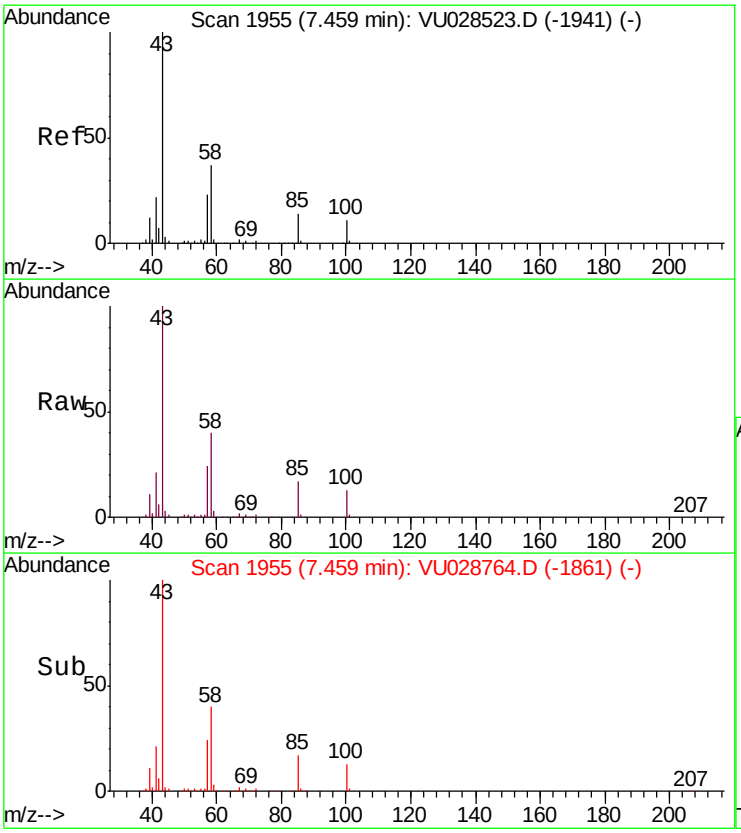
#39
cis-1,3-Dichloropropene
Concen: 52.496 ug/L
RT: 7.27 min Scan# 1895
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Tgt Ion: 75 Resp: 141201

Ion	Ratio	Lower	Upper
75	100		
77	30.5	21.8	40.6

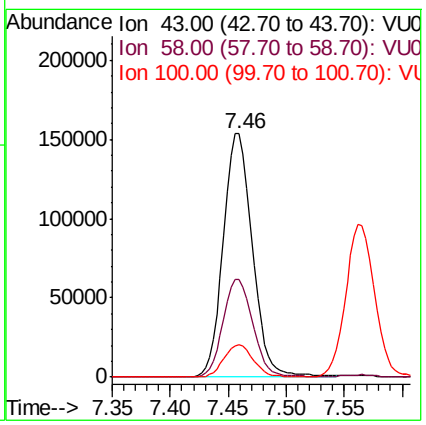


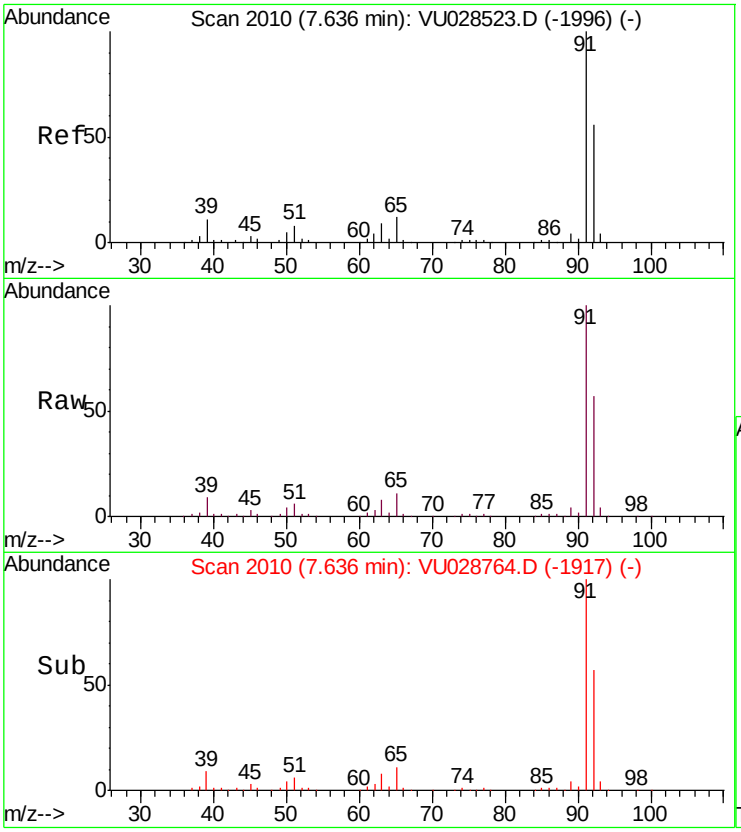


#40
4-Methyl-2-pentanone
Concen: 92.821 ug/L
RT: 7.46 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion: 43 Resp: 267873

Ion	Ratio	Lower	Upper
43	100		
58	41.0	29.6	44.4
100	13.4	9.0	13.4



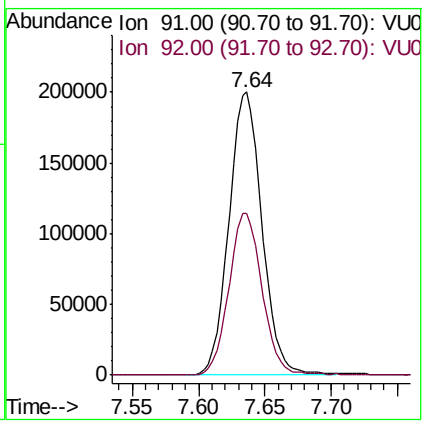


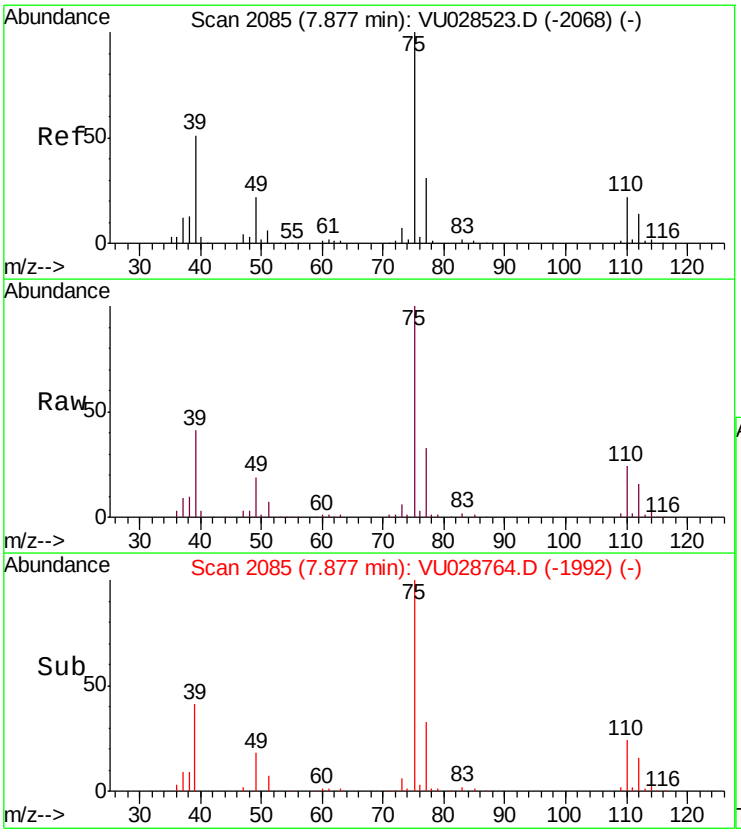
#42
Toluene
Concen: 53.949 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument : MSVOA_U
ClientSampleId : VSTD05045

Tgt Ion: 91 Resp: 347460

Ion	Ratio	Lower	Upper
91	100		
92	57.3	39.5	73.4

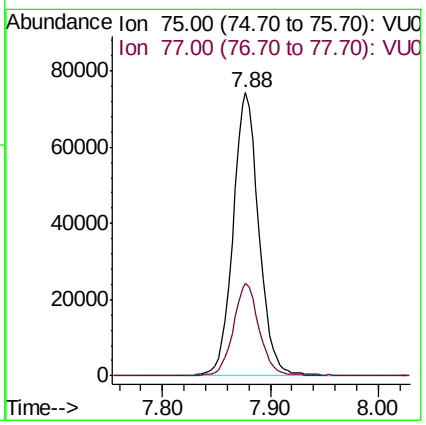


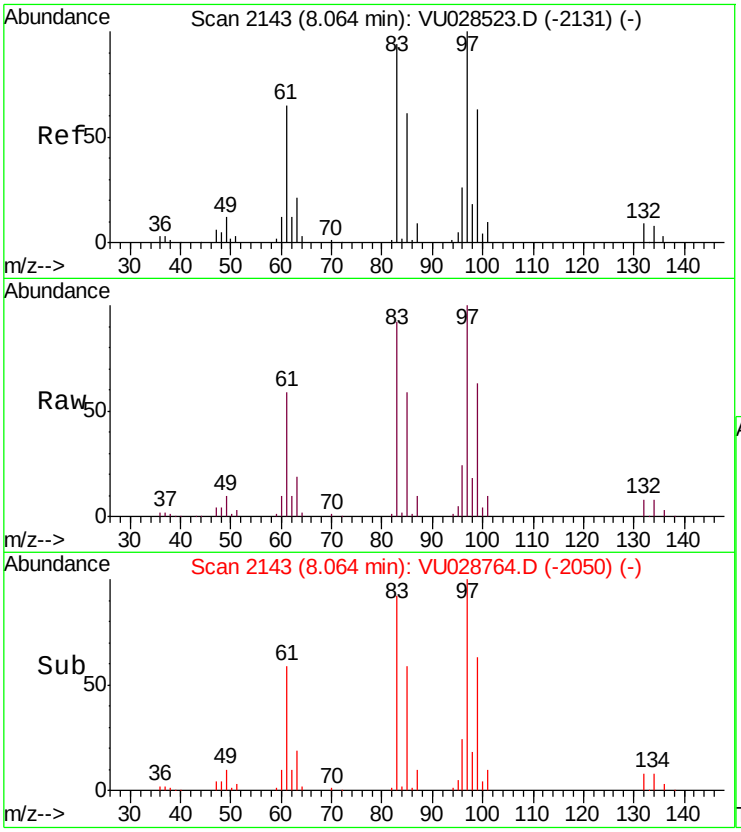


#44
trans-1,3-Dichloropropene
Concen: 49.904 ug/L
RT: 7.88 min Scan# 2085
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion: 75 Resp: 123809

Ion	Ratio	Lower	Upper
75	100		
77	32.6	21.8	40.6



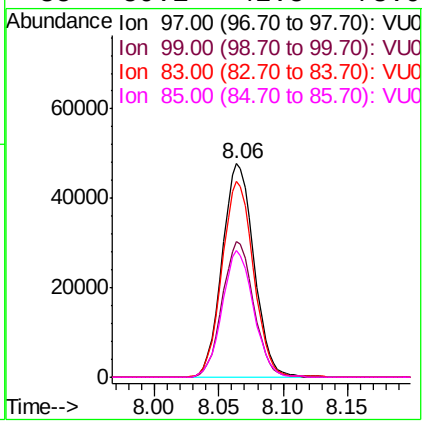


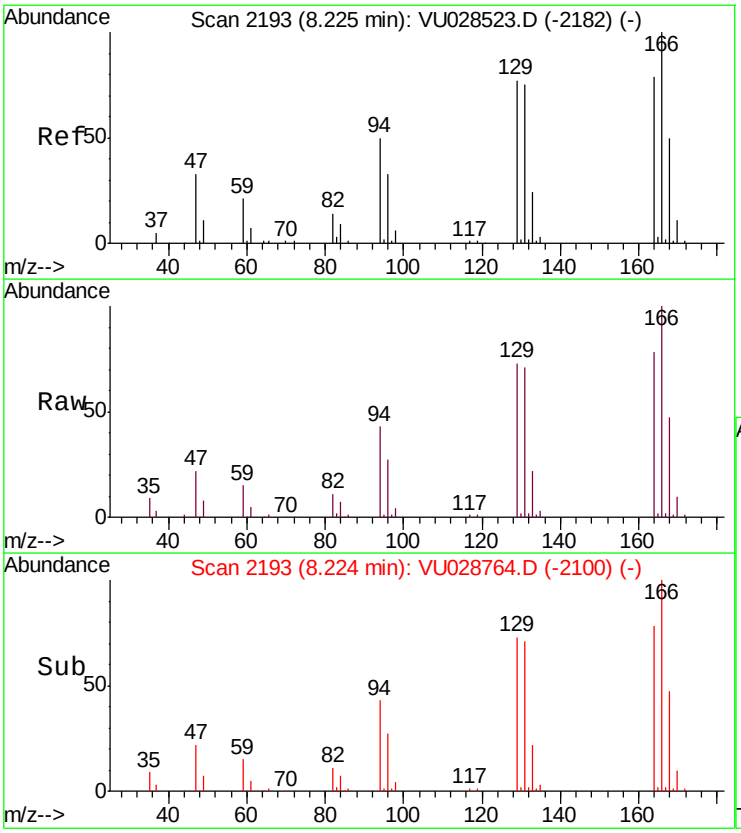
#45
1,1,2-Trichloroethane
Concen: 55.056 ug/L
RT: 8.06 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Tgt Ion: 97 Resp: 81764

Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.2	82.2
83	91.6	66.0	122.6
85	59.1	42.5	78.9

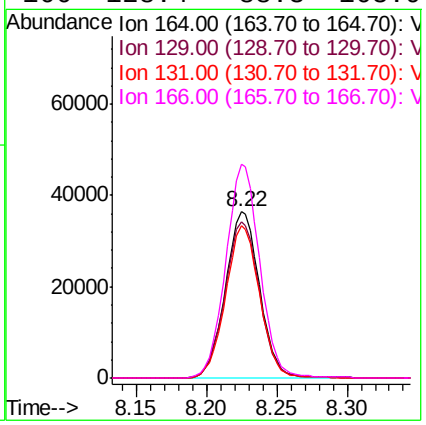


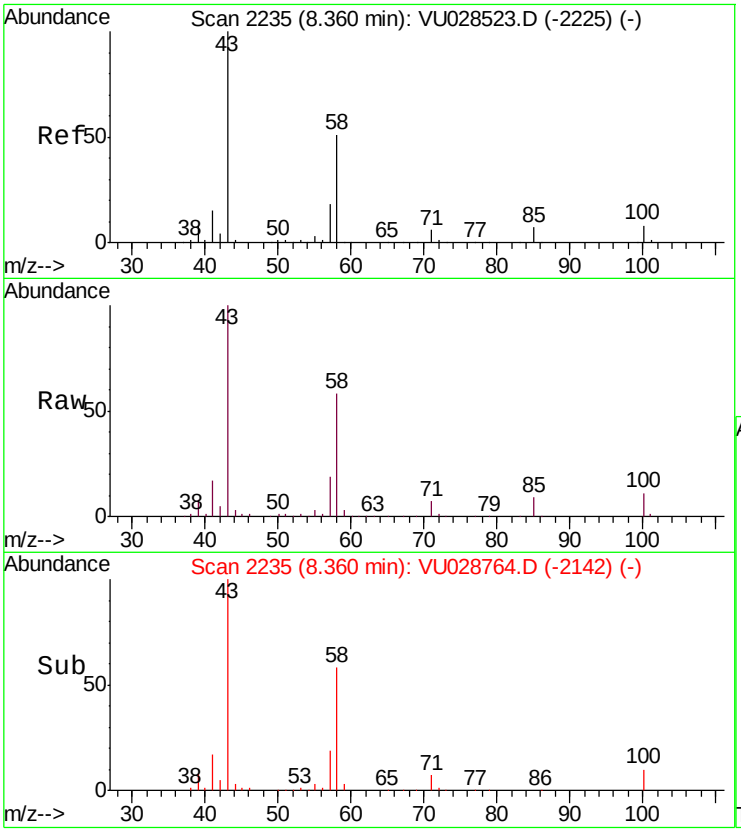


#46
Tetrachloroethene
Concen: 56.713 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion:164 Resp: 61793

Ion	Ratio	Lower	Upper
164	100		
129	94.0	68.2	126.6
131	91.5	66.1	122.7
166	128.4	88.3	163.9



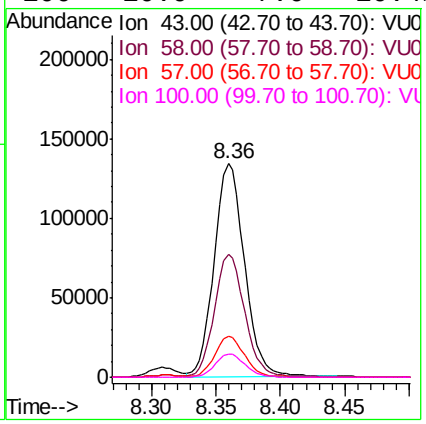


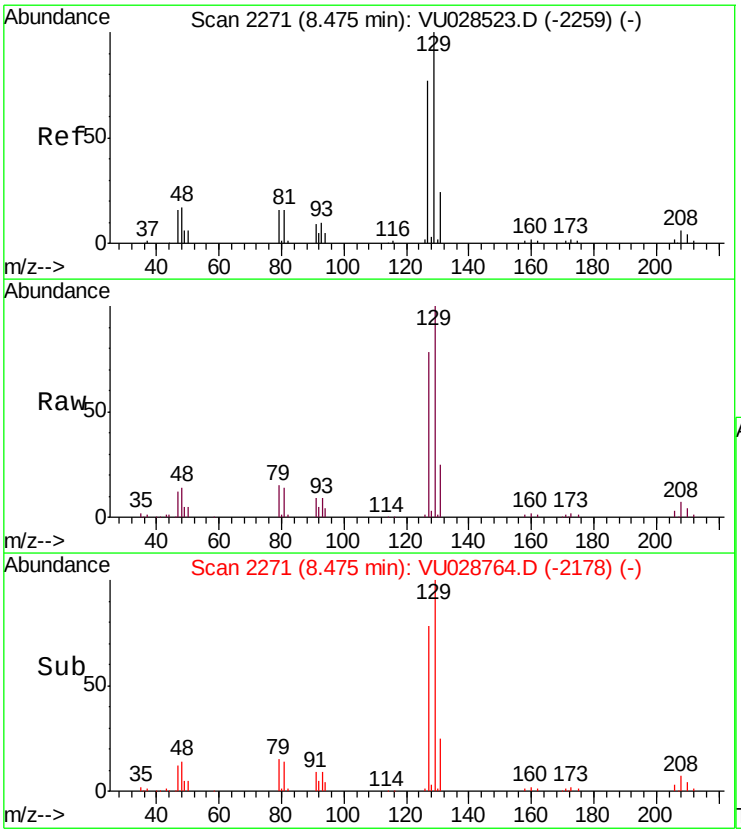
#48
2-Hexanone
Concen: 89.954 ug/L
RT: 8.36 min Scan# 2235
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument : MSVOA_U
ClientSampleId : VSTD05045

Tgt Ion: 43 Resp: 219663

Ion	Ratio	Lower	Upper
43	100		
58	57.2	41.6	62.4
57	19.0	13.8	20.6
100	10.9	7.0	10.4#

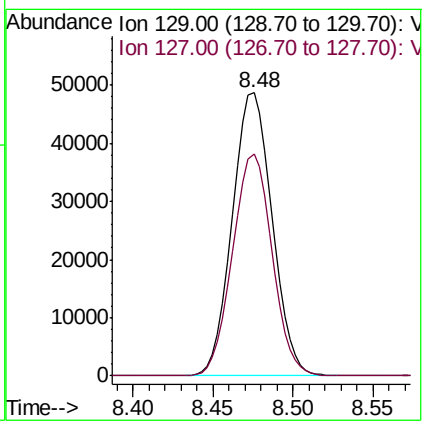


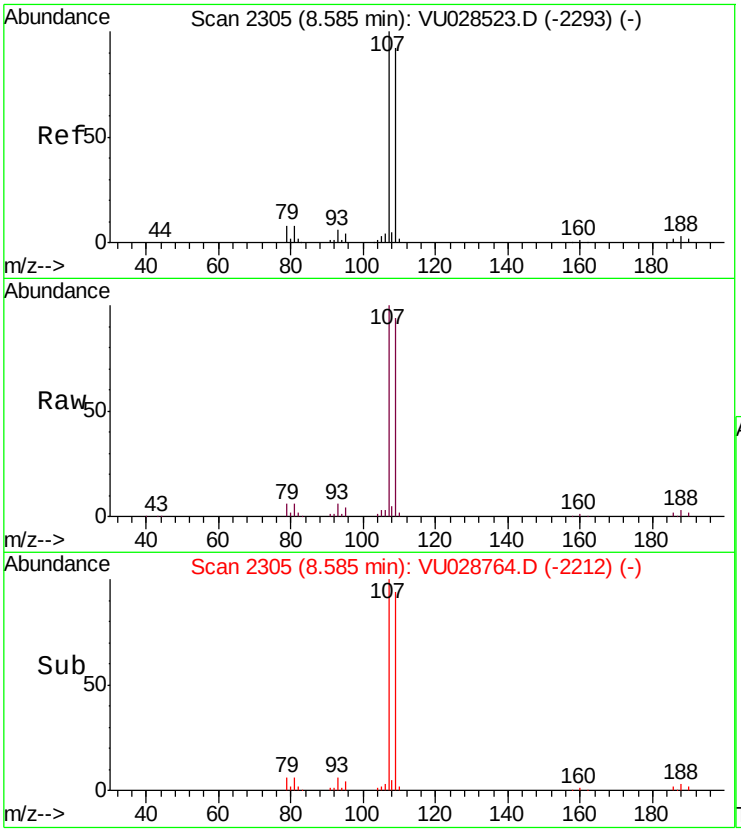


#49
Dibromochloromethane
Concen: 55.083 ug/L
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion:129 Resp: 82752

Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.0	100.2



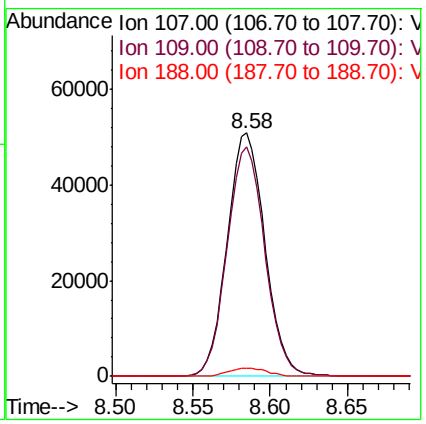


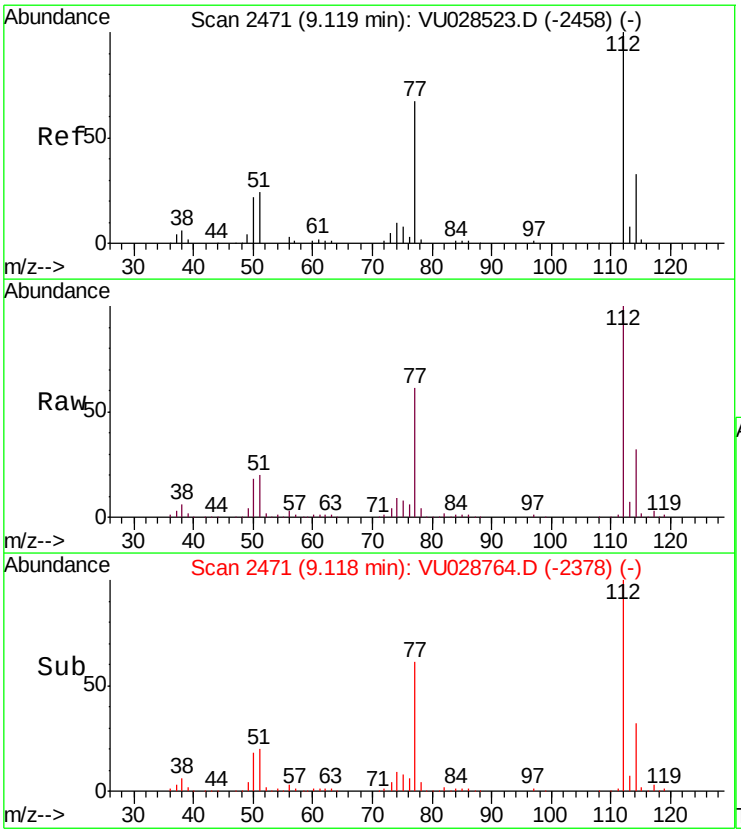
#50
1,2-Dibromoethane
Concen: 55.331 ug/L
RT: 8.58 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument : MSVOA_U
ClientSampleId : VSTD05045

Tgt Ion:107 Resp: 86180

Ion	Ratio	Lower	Upper
107	100		
109	94.1	64.5	119.9
188	3.2	2.6	3.8

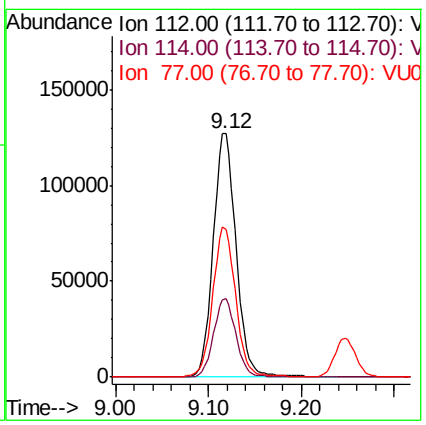


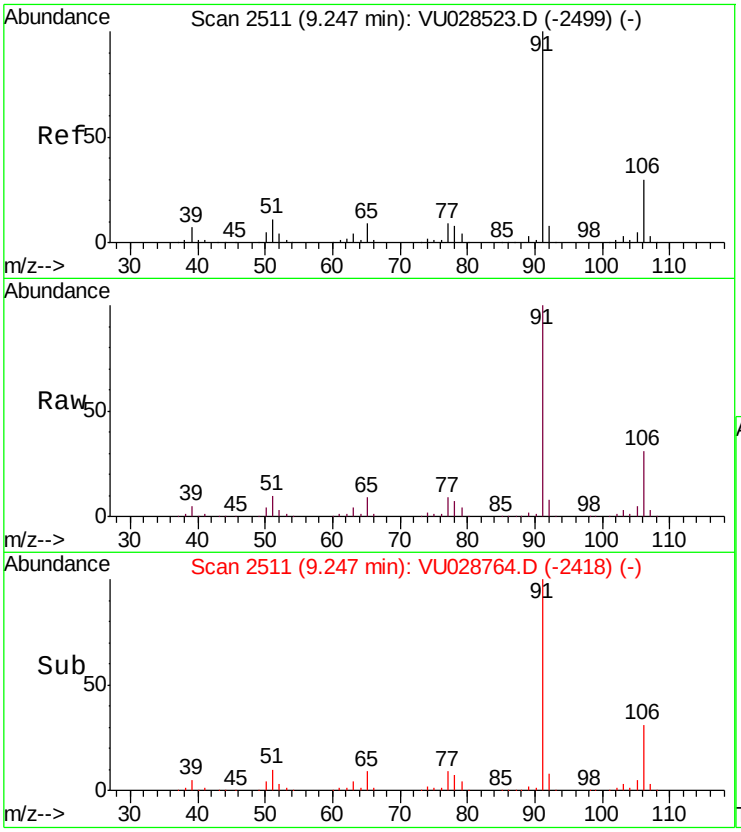


#51
Chlorobenzene
Concen: 56.131 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion:112 Resp: 217785

Ion	Ratio	Lower	Upper
112	100		
114	32.0	23.0	42.6
77	60.9	53.9	80.9



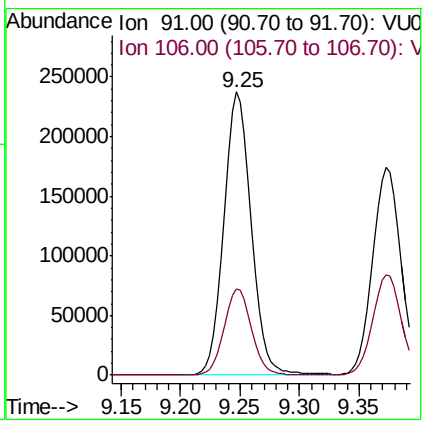


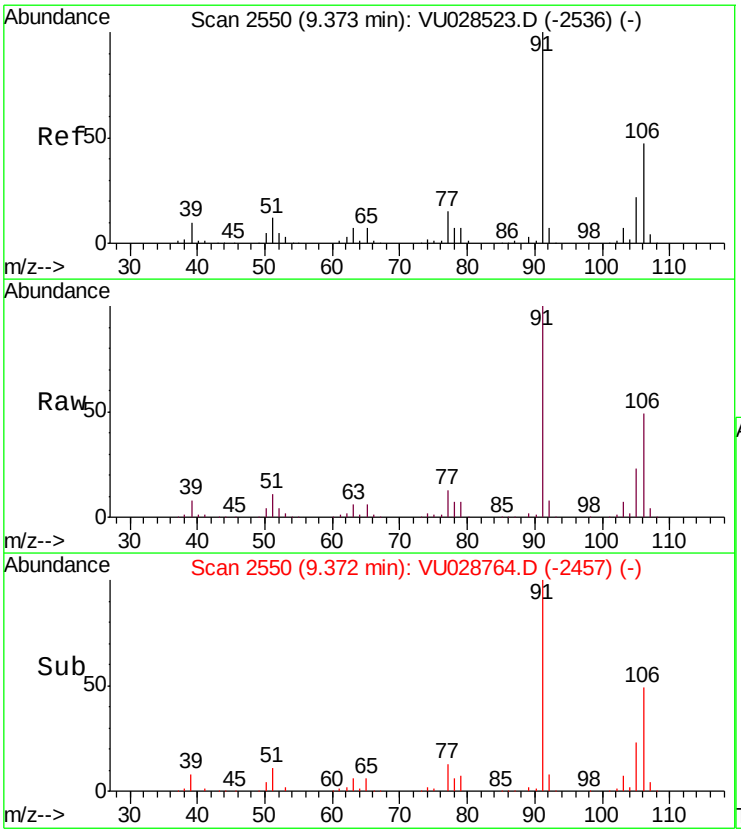
#52
Ethylbenzene
Concen: 53.192 ug/L
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Tgt Ion: 91 Resp: 379262

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.0	39.0

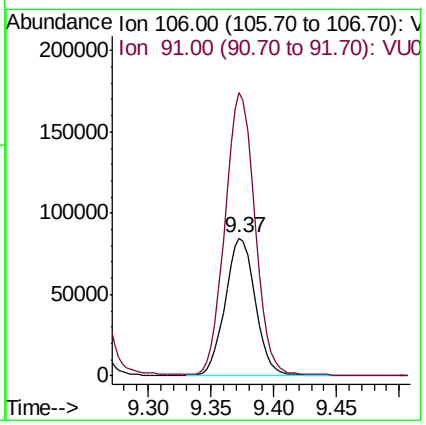


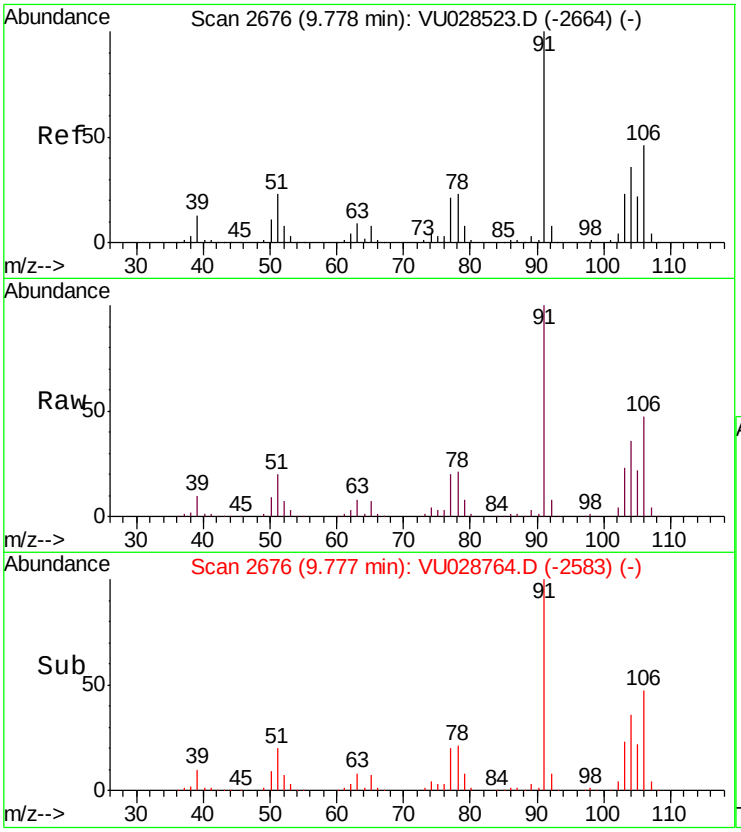


#53
m,p-Xylene
Concen: 54.331 ug/L
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion:106 Resp: 140235

Ion	Ratio	Lower	Upper
106	100		
91	205.7	148.8	276.4



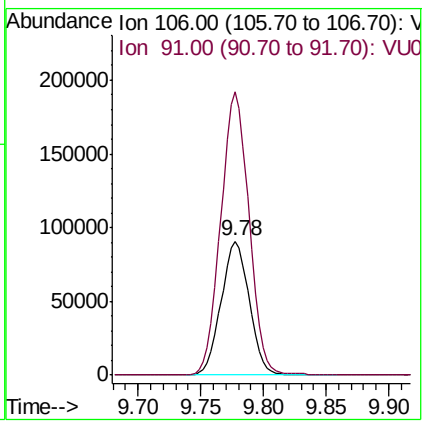


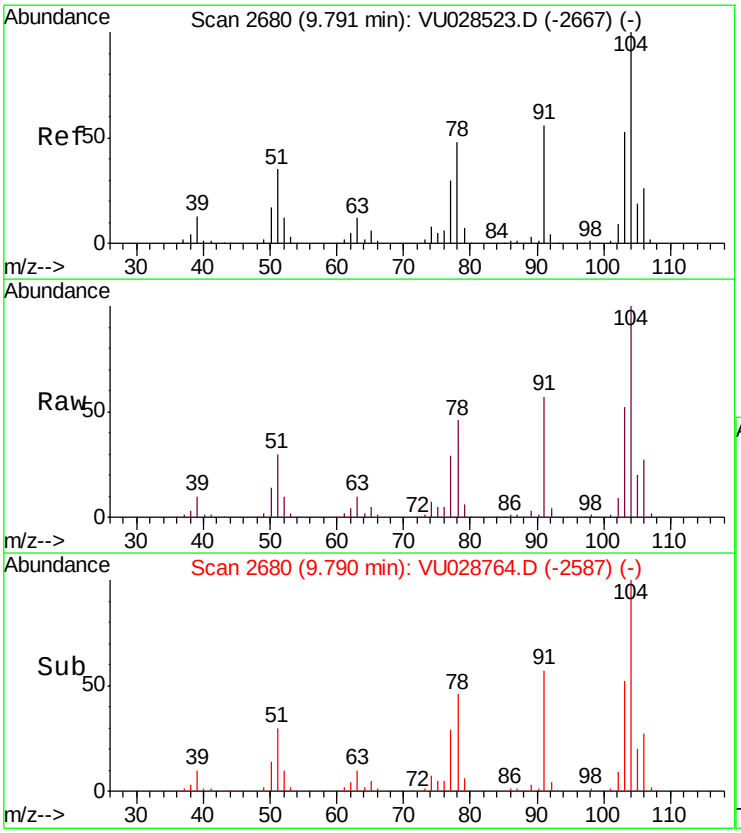
#54
o-xylene
Concen: 56.108 ug/L
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument : MSVOA_U
ClientSampleId : VSTD05045

Tgt Ion:106 Resp: 142208

Ion	Ratio	Lower	Upper
106	100		
91	211.8	151.4	281.2

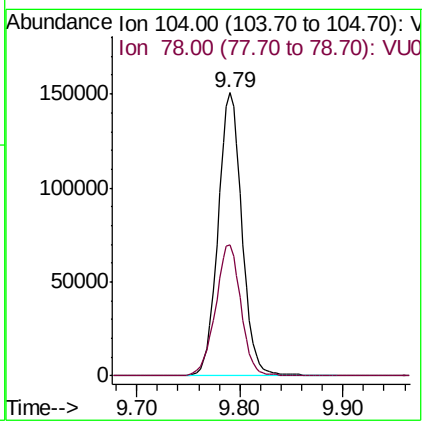


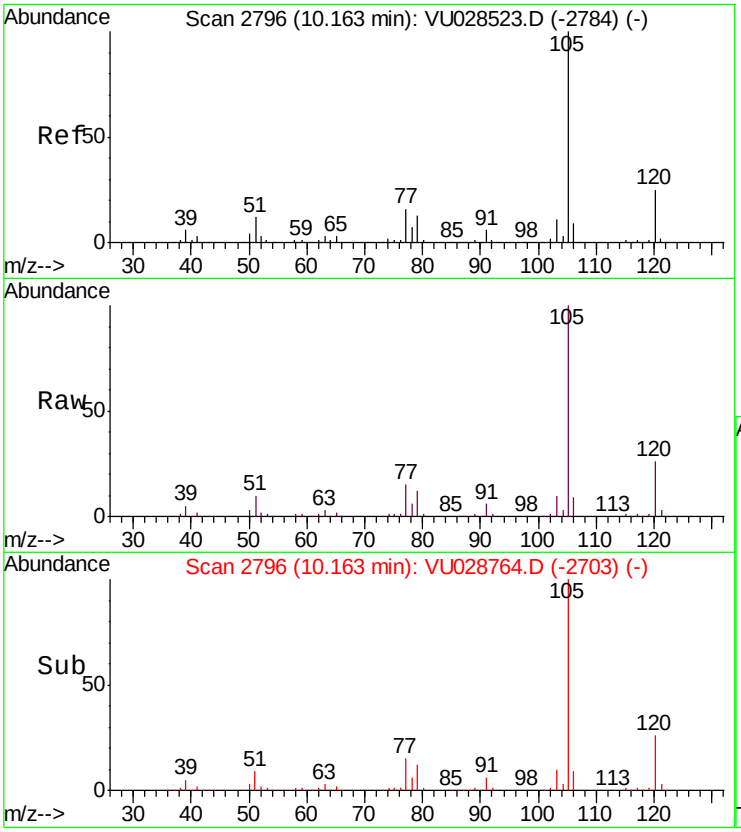


#55
Styrene
Concen: 56.090 ug/L
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion:104 Resp: 241377

Ion	Ratio	Lower	Upper
104	100		
78	46.4	34.1	63.3



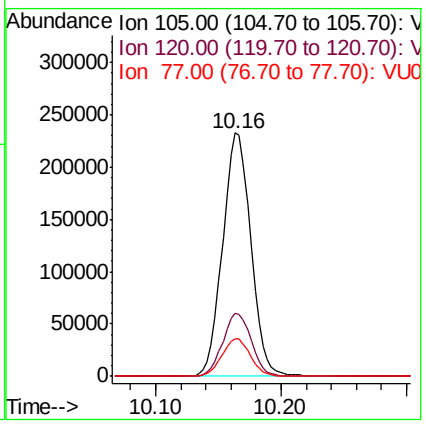


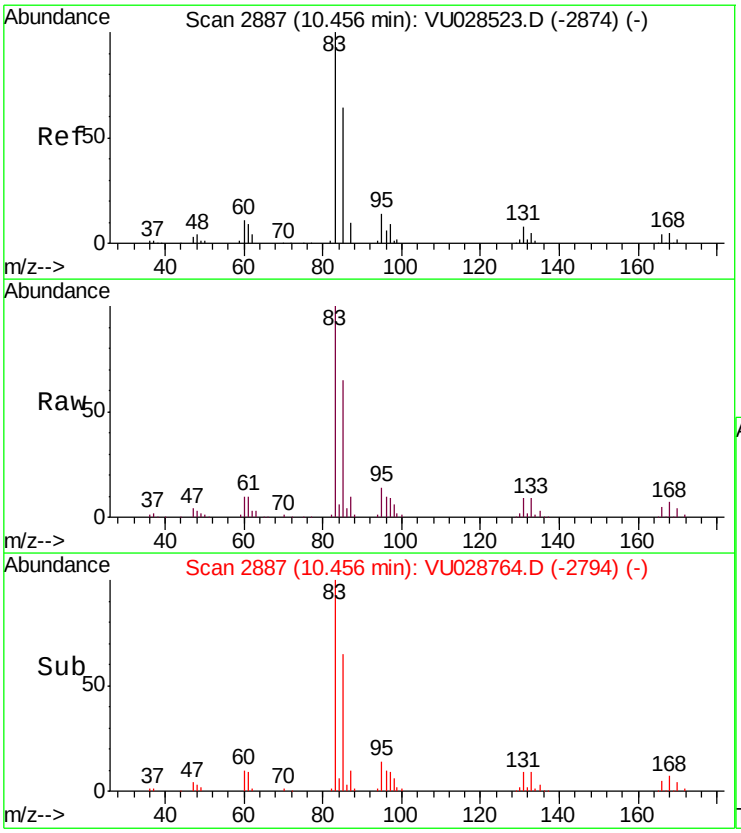
#56
Isopropylbenzene
Concen: 54.969 ug/L
RT: 10.16 min Scan# 2796
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument : MSVOA_U
ClientSampleId : VSTD05045

Tgt Ion:105 Resp: 363156

Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.2	30.2
77	15.6	13.1	19.7

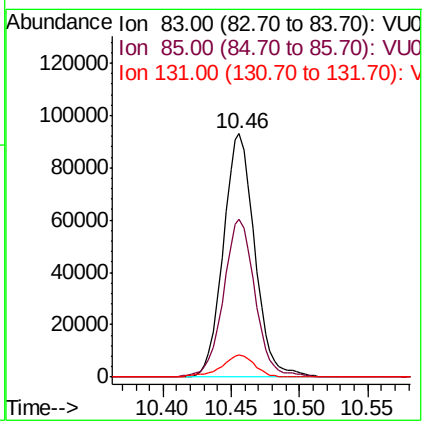


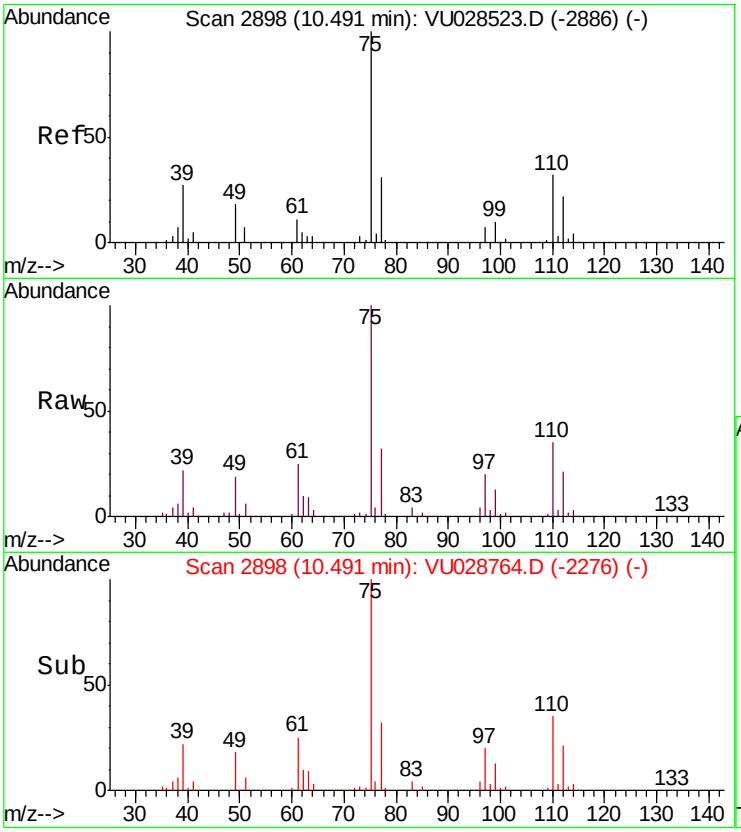


#58
1,1,2,2-Tetrachloroethane
Concen: 54.606 ug/L
RT: 10.46 min Scan# 2887
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion: 83 Resp: 148949

Ion	Ratio	Lower	Upper
83	100		
85	64.9	45.1	83.7
131	8.9	6.4	9.6



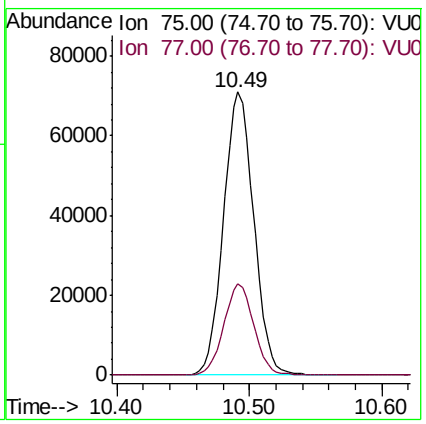


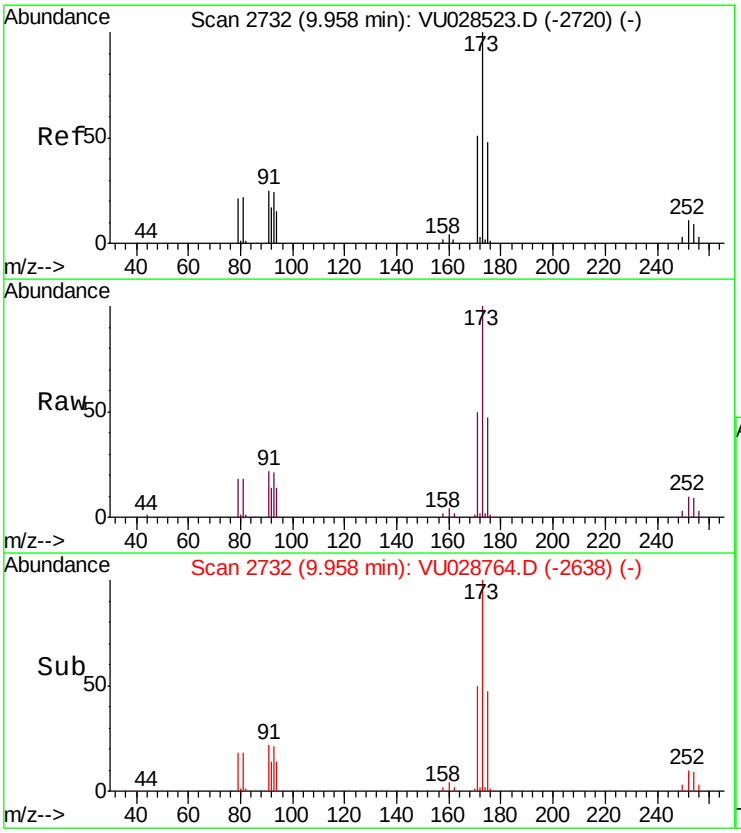
#59
1,2,3-Trichloropropane
Concen: 52.569 ug/L
RT: 10.49 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument : MSVOA_U
ClientSampleId : VSTD05045

Tgt Ion: 75 Resp: 112570

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2

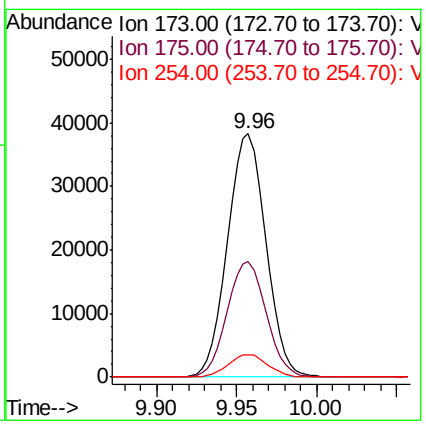


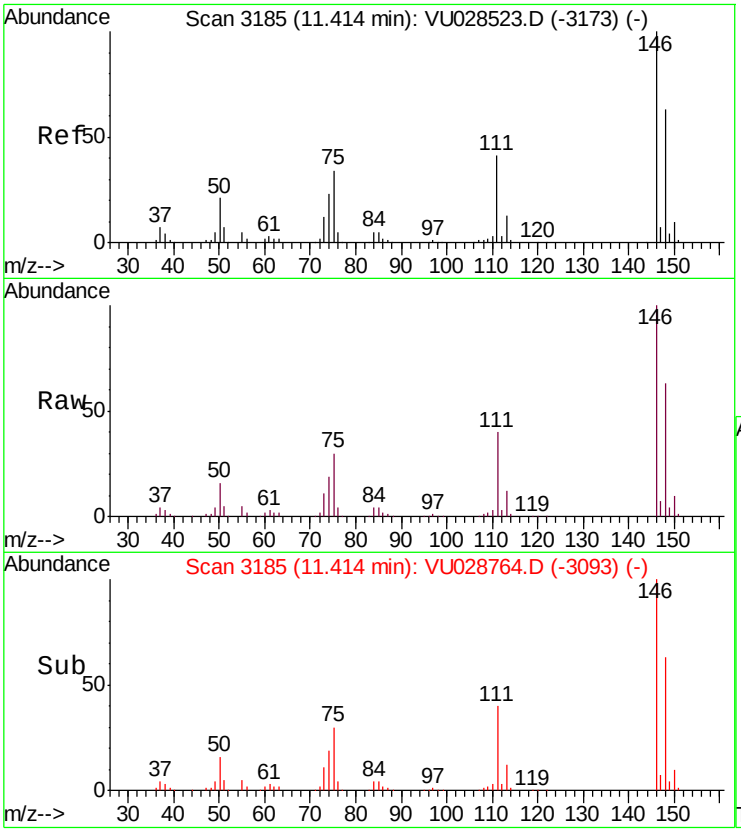


#61
Bromoform
Concen: 57.614 ug/L
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion:173 Resp: 62715

Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.7	58.1
254	9.2	7.1	10.7



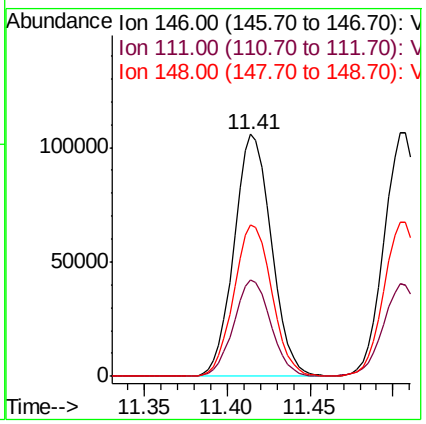


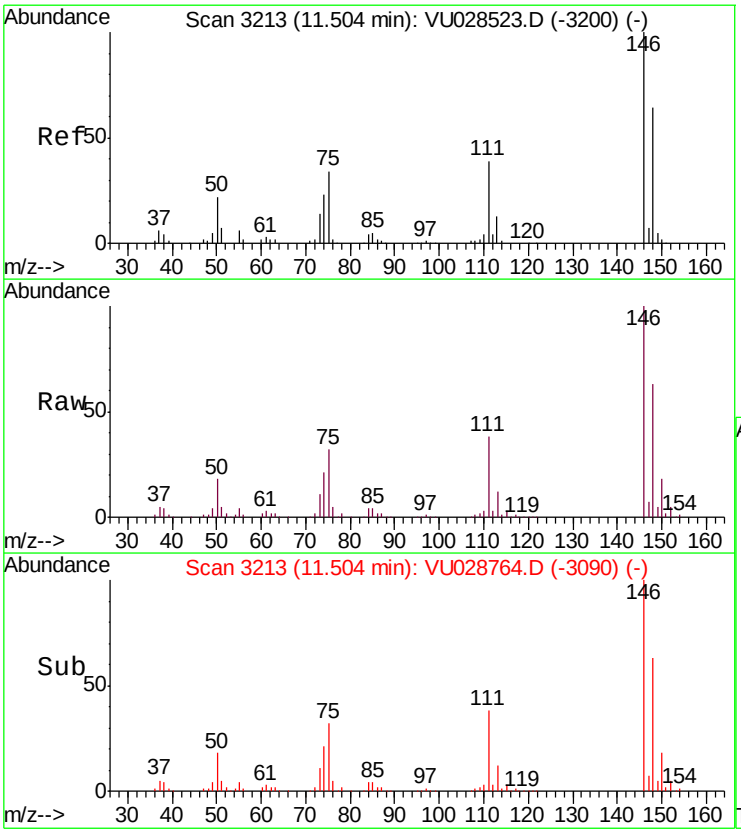
#62
1,3-Dichlorobenzene
Concen: 57.096 ug/L
RT: 11.41 min Scan# 3185
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Tgt Ion:146 Resp: 165763

Ion	Ratio	Lower	Upper
146	100		
111	39.8	28.5	52.9
148	62.8	43.9	81.5

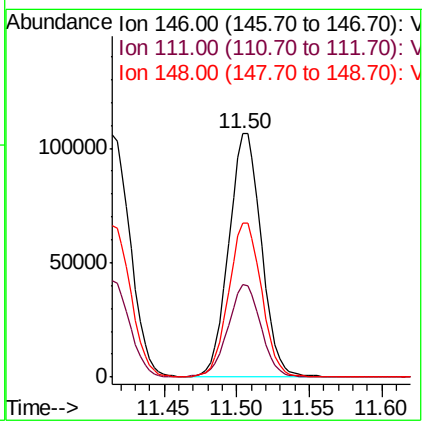


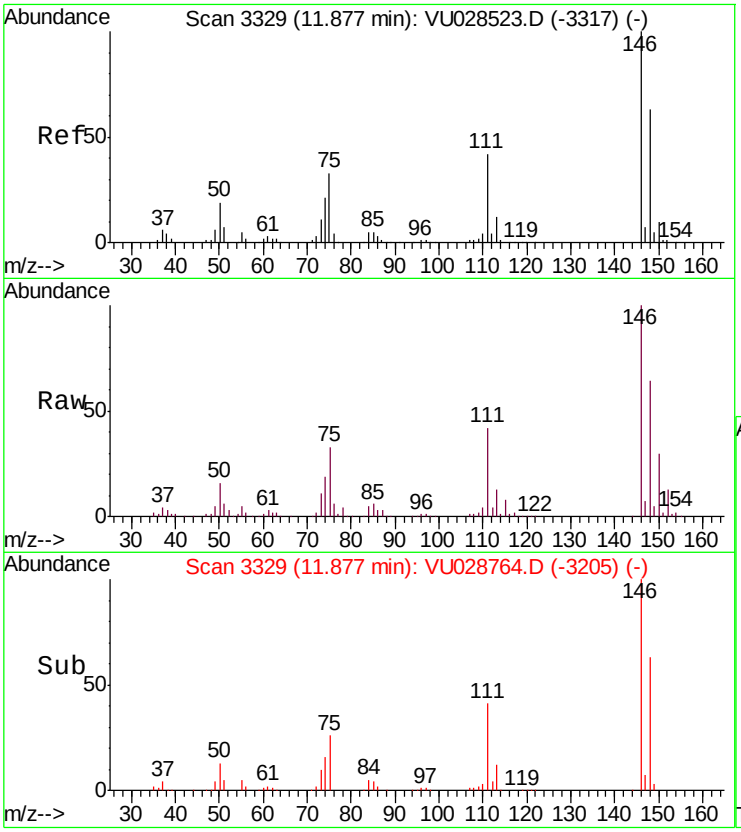


#63
1,4-Dichlorobenzene
Concen: 56.163 ug/L
RT: 11.50 min Scan# 3213
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion:146 Resp: 165003

Ion	Ratio	Lower	Upper
146	100		
111	37.9	27.6	51.4
148	63.5	45.1	83.9



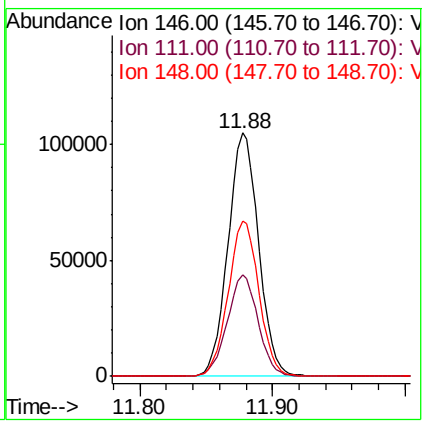


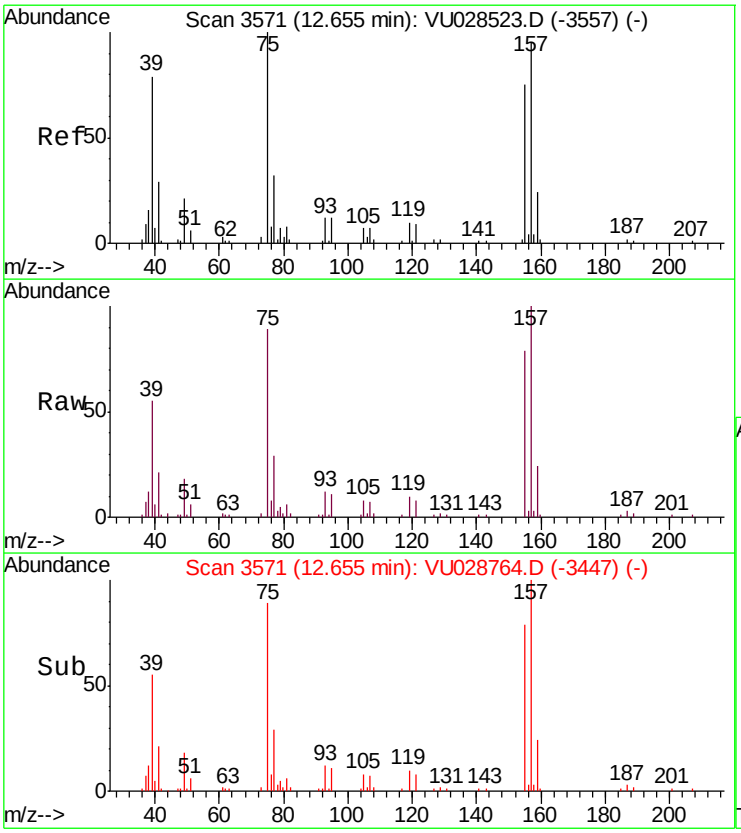
#65
1,2-Dichlorobenzene
Concen: 57.867 ug/L
RT: 11.88 min Scan# 3329
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Tgt Ion:146 Resp: 167857

Ion	Ratio	Lower	Upper
146	100		
111	41.9	33.4	50.2
148	63.6	50.2	75.2

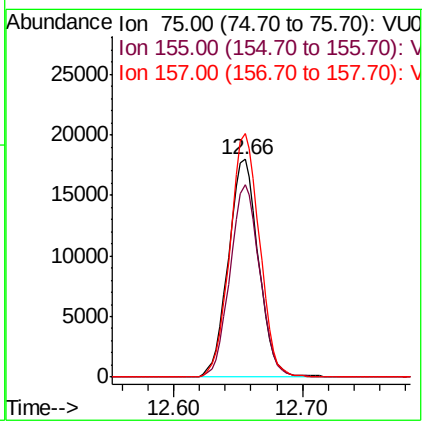


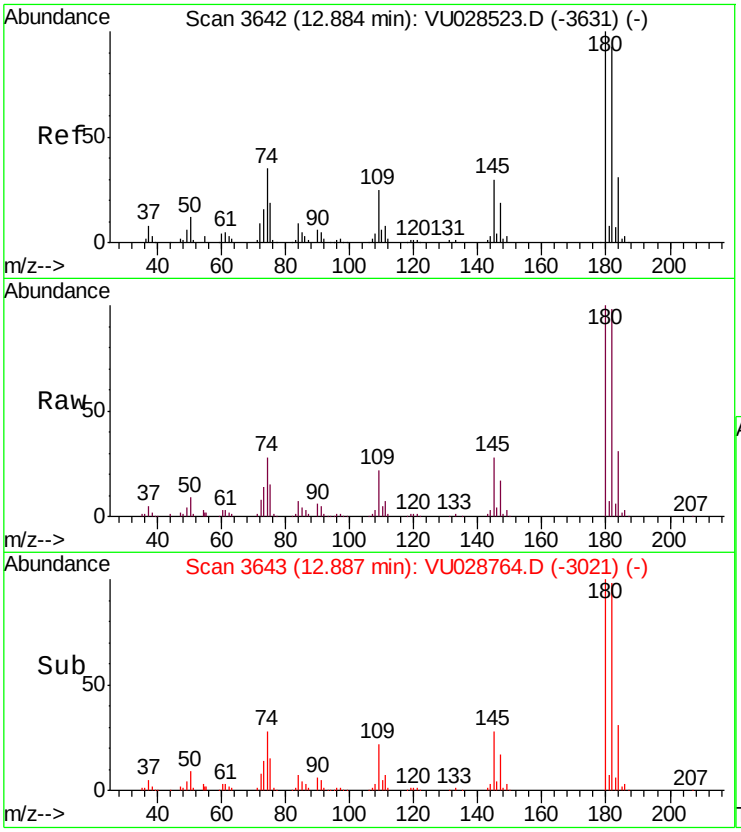


#66
1,2-Dibromo-3-chloropropane
Concen: 51.078 ug/L
RT: 12.66 min Scan# 3571
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion: 75 Resp: 29172

Ion	Ratio	Lower	Upper
75	100		
155	88.3	59.9	89.9
157	111.7	75.8	113.8



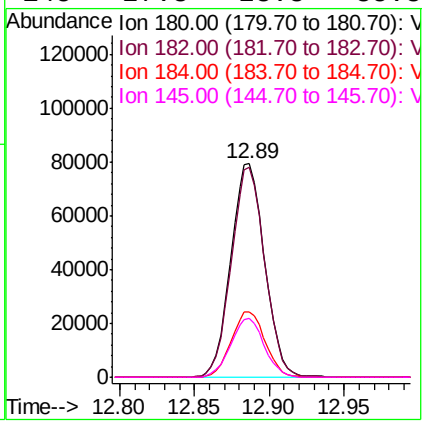


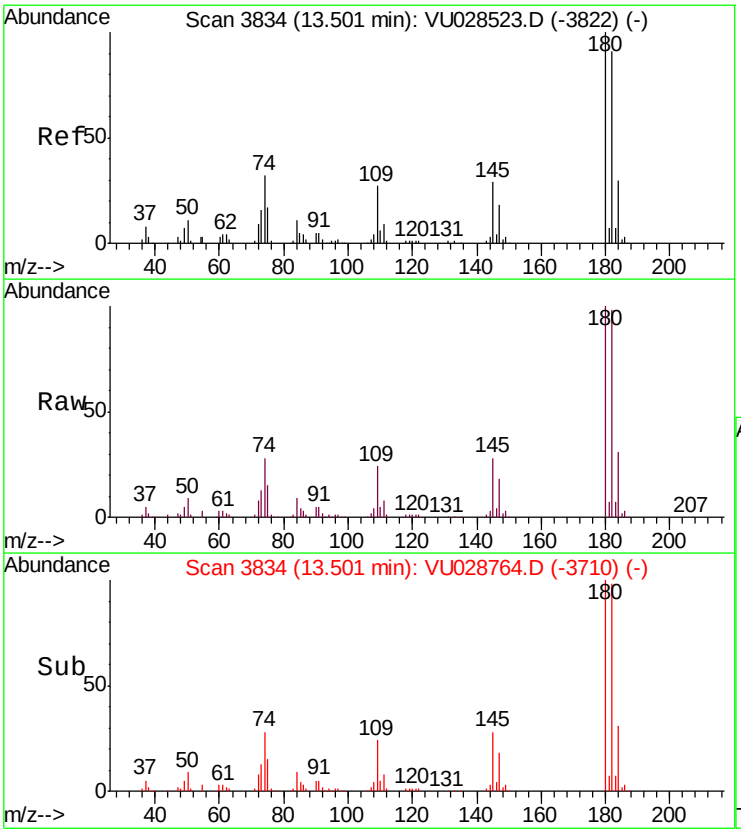
#67
1,3,5-Trichlorobenzene
Concen: 59.282 ug/L
RT: 12.89 min Scan# 3643
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Tgt Ion:180 Resp: 124988

Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.0	112.6
184	30.6	23.9	35.9
145	27.3	23.8	35.8

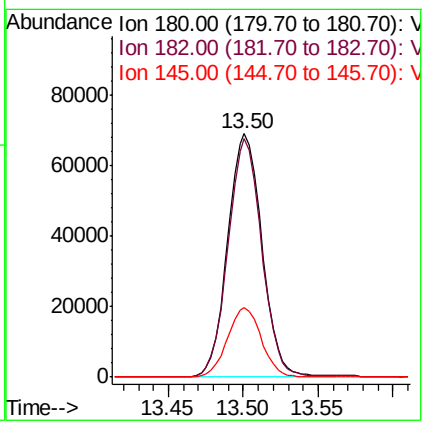


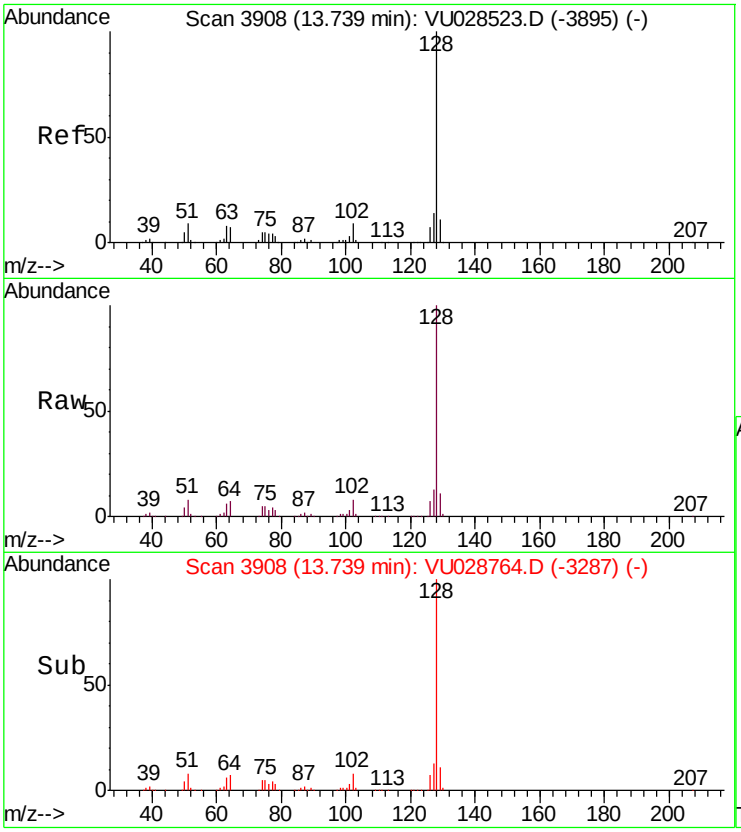


#68
1,2,4-trichlorobenzene
Concen: 55.876 ug/L
RT: 13.50 min Scan# 3834
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion:180 Resp: 110500

Ion	Ratio	Lower	Upper
180	100		
182	96.6	74.8	112.2
145	28.2	23.0	34.6



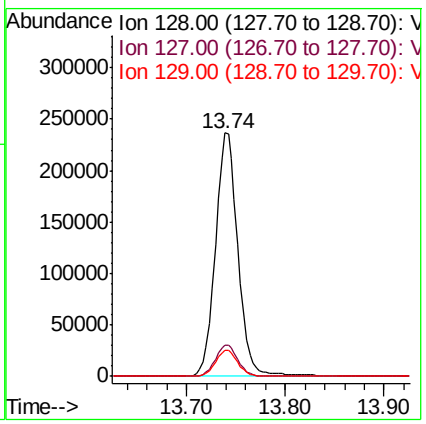


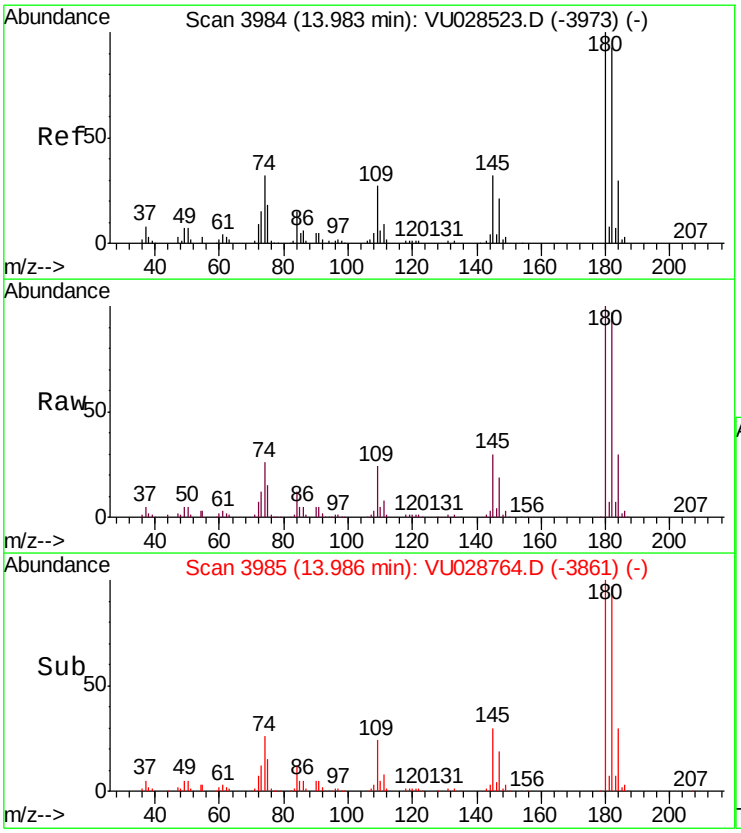
#69
Naphthalene
Concen: 57.584 ug/L
RT: 13.74 min Scan# 3908
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD05045

Tgt Ion:128 Resp: 377969

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.7	16.1
129	10.7	8.6	13.0





#70
1,2,3-Trichlorobenzene
Concen: 58.036 ug/L
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU028764.D
Acq: 18 Dec 2018 12:39

Tgt Ion:180 Resp: 114645

Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.2	112.8
145	30.3	25.4	38.0