Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\

Quantitation Report (Not Reviewed)

Data File : VU027791.D
Acq On : 24 Oct 2018 17:24
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00502

Quant Time: Oct 25 04:44:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:31:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	38785	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	38272	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	19671	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	15408	4.87	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.40%			
7) Chloroethane-d5	1.68	69	11582	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.80%			
11) 1,1-Dichloroethene-d2	2.28	63	29920	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.00%			
20) 2-Butanone-d5	4.20	46	49244	51.23	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.46%			
24) Chloroform-d	4.65	84	28395	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
26) 1,2-Dichloroethane-d4	5.31	65	16222	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.34	84	50926	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
36) 1,2-Dichloropropane-d6	6.33	67	18098	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%			
41) Toluene-d8	7.57	98	49192	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
43) trans-1,3-Dichloropropene-	7.85	79	7035	4.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.60%			
46) 2-Hexanone-d5	8.31	63	41276	50.91	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.82%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	14068	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	18144	4.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.00%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	19313	5.135	ug/L	100
3) Chloromethane	1.33	50	21364	5.058	ug/L	99
5) Vinyl chloride	1.40	62	20275	4.987	ug/L	99
6) Bromomethane	1.63	94	10902	5.231	ug/L	98
8) Chloroethane	1.70	64	11102	5.052	ug/L	99
9) Trichlorofluoromethane	1.89	101	27886	5.189	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	14063	5.184	ug/L	100
12) 1,1-Dichloroethene	2.29	96	12808	5.066	ug/L	97
13) Acetone	2.33	43	31819	45.915	ug/L	99
14) Carbon disulfide	2.48	76	41969	4.836	ug/L	99
15) Methyl Acetate	2.63	43	8767	4.522	ug/L	92
16) Methylene chloride	2.70	84	14422	4.837	ug/L	97
17) Methyl tert-butyl Ether	3.01	73	40171	4.964	ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	13819	5.101	ug/L	97
19) 1,1-Dichloroethane	3.45	63	30927	5.163	ug/L	95
21) 2-Butanone	4.29	43	56208	49.433	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	16031	4.982	ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\

Quantitation Report (Not Reviewed)

Data File : VU027791.D
Acq On : 24 Oct 2018 17:24
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00502

Quant Time: Oct 25 04:44:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:31:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.55	128	6539	5.012 ug/L		92
25) Chloroform	4.68	83	30854	5.115 ug/L		99
27) 1,2-Dichloroethane	5.41	62	23246	5.217 ug/L		99
29) 1,1,1-Trichloroethane	4.92	97	26996	4.904 ug/L		97
30) Cyclohexane	4.99	56	30050	4.874 ug/L		99
31) Carbon tetrachloride	5.13	117	23073	4.885 ug/L		96
33) Benzene	5.39	78	63984	5.031 ug/L		100
34) Trichloroethene	6.19	95	16778	5.092 ug/L		94
35) Methylcyclohexane	6.41	83	27090	4.920 ug/L		97
37) 1,2-Dichloropropane	6.44	63	18470	4.946 ug/L	#	97
38) Bromodichloromethane	6.76	83	22377	5.019 ug/L		99
39) cis-1,3-Dichloropropene	7.27	75	26295	4.916 ug/L		100
40) 4-Methyl-2-pentanone	7.47	43	138784	49.713 ug/L		99
42) Toluene	7.64	91	67738	4.948 ug/L		99
44) trans-1,3-Dichloropropene	7.88	75	22589	5.015 ug/L		93
45) 1,1,2-Trichloroethane	8.07	97	11552	5.126 ug/L		94
47) Tetrachloroethene	8.23	164	12768	4.770 ug/L		98
48) 2-Hexanone	8.37	43	100342	50.585 ug/L		99
49) Dibromochloromethane	8.48	129	13825	4.814 ug/L		98
50) 1,2-Dibromoethane	8.59	107	10916	4.983 ug/L		96
51) Chlorobenzene	9.12	112	41924	4.974 ug/L		96
52) Ethylbenzene	9.25	91	77569	4.884 ug/L		99
53) m,p-xylene	9.38	106	28159	5.006 ug/L		94
54) o-xylene	9.78	106	27391	4.984 ug/L		100
55) Styrene	9.79	104	46099	4.952 ug/L		95
56) Isopropylbenzene	10.17	105	76140	5.003 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.46	83	15096	5.092 ug/L	#	96
59) 1,2,3-Trichloropropane	10.49	75	11930	5.074 ug/L		96
61) Bromoform	9.96	173	7701	4.654 ug/L		99
62) 1,3-Dichlorobenzene	11.42	146	34025	4.918 ug/L		100
63) 1,4-Dichlorobenzene	11.51	146	33489	4.794 ug/L		95
65) 1,2-Dichlorobenzene	11.88	146	32086	4.932 ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.66	75	2618	5.053 ug/L	#	80
67) 1,3,5-Trichlorobenzene	12.89	180	27408	4.939 ug/L		98
68) 1,2,4-trichlorobenzene	13.50	180	24265	5.034 ug/L		96
69) Naphthalene	13.74	128	39866	5.092 ug/L		98
70) 1,2,3-Trichlorobenzene	13.99	180	22585	5.085 ug/L		99

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

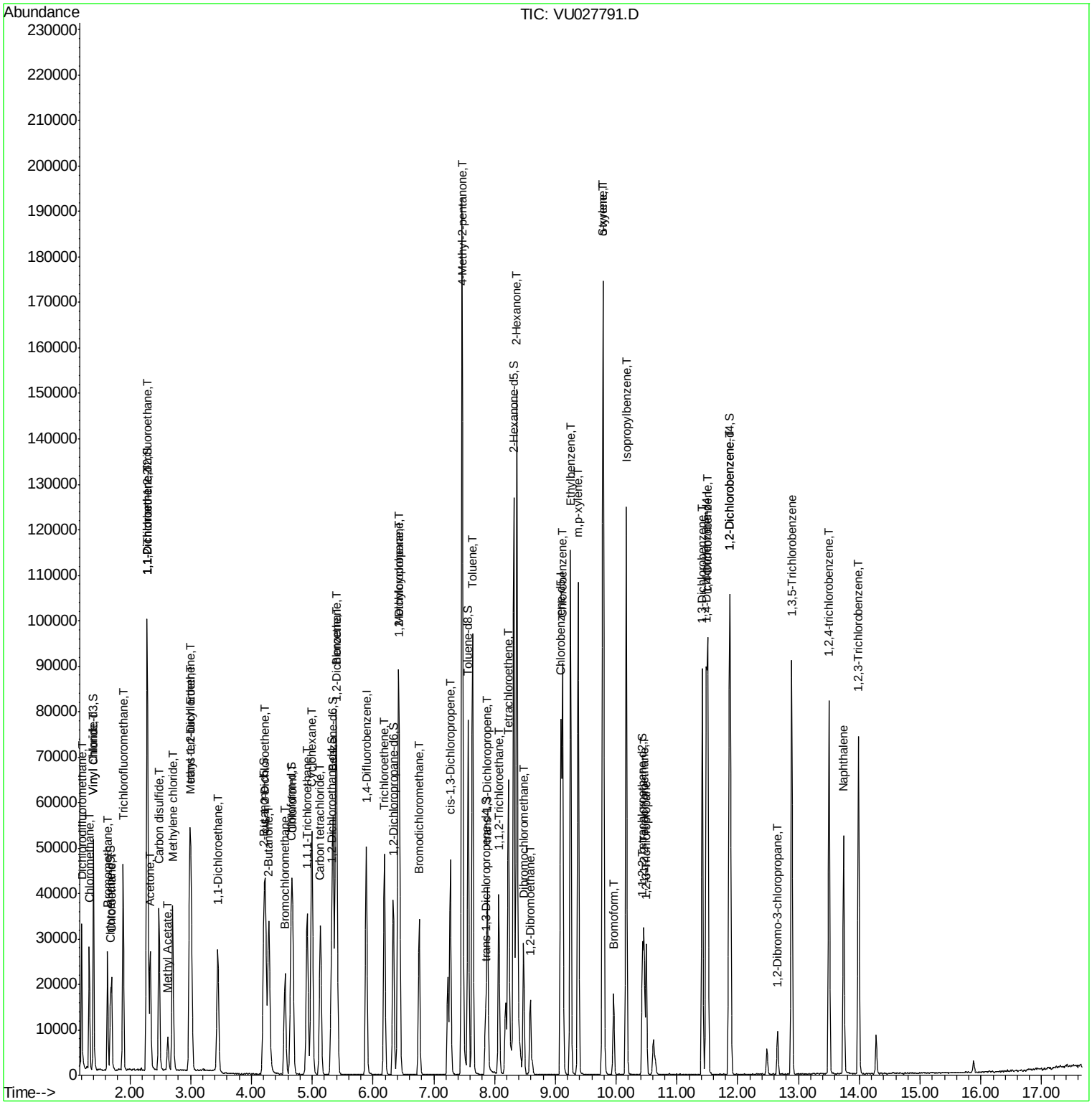
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\

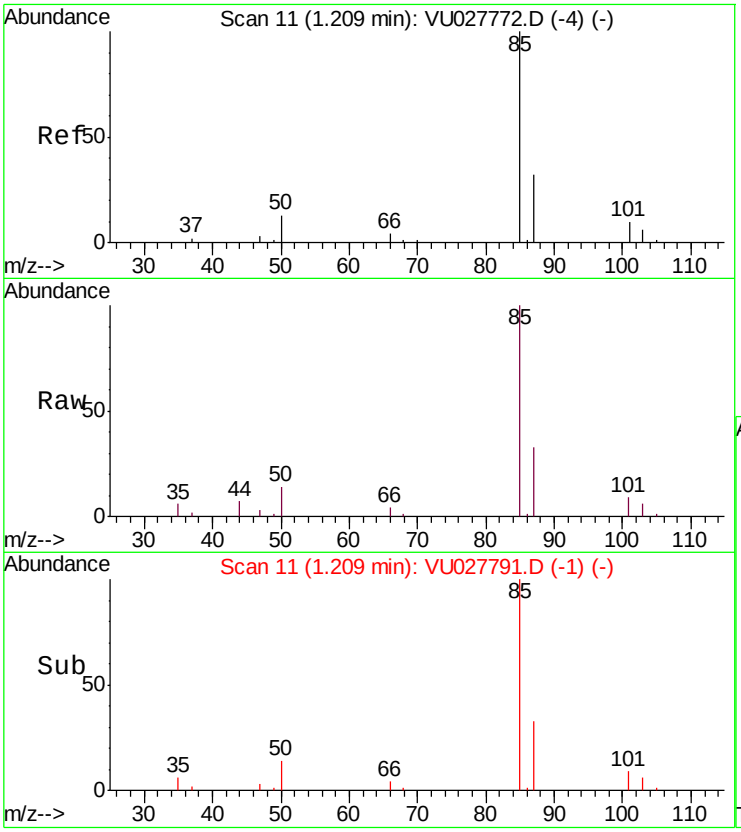
Quantitation Report (Not Reviewed)

Data File : VU027791.D
Acq On : 24 Oct 2018 17:24
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00502

Quant Time: Oct 25 04:44:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:31:14 2018
Response via : Initial Calibration



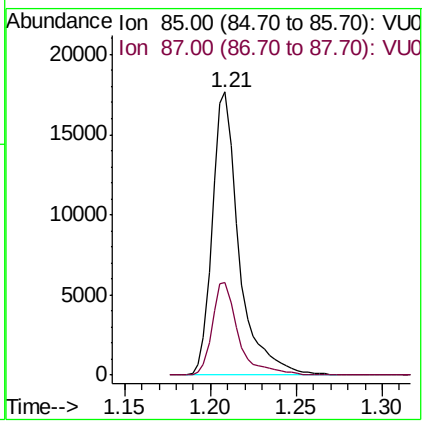


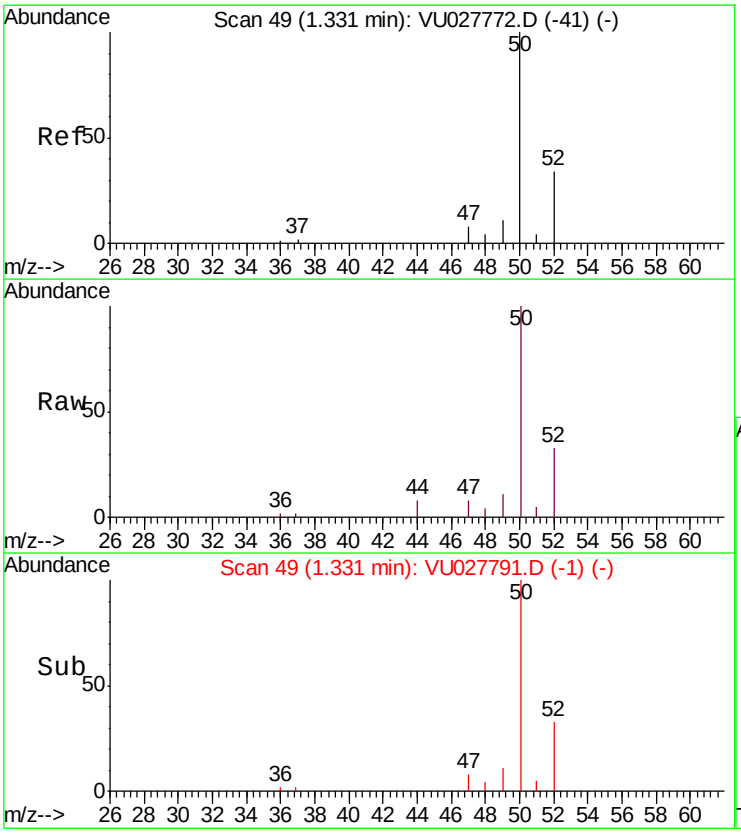
#2
Dichlorodifluoromethane
Concen: 5.135 ug/L
RT: 1.21 min Scan# 11
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion: 85 Resp: 19313

Ion	Ratio	Lower	Upper
85	100		
87	31.9	25.4	38.0

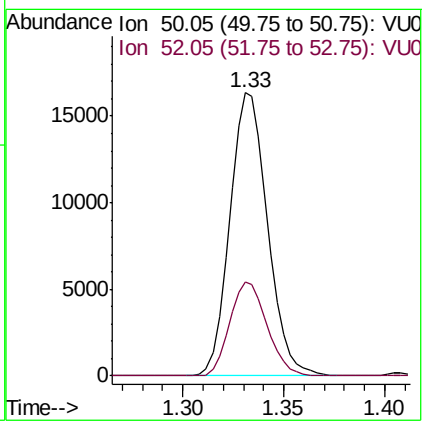


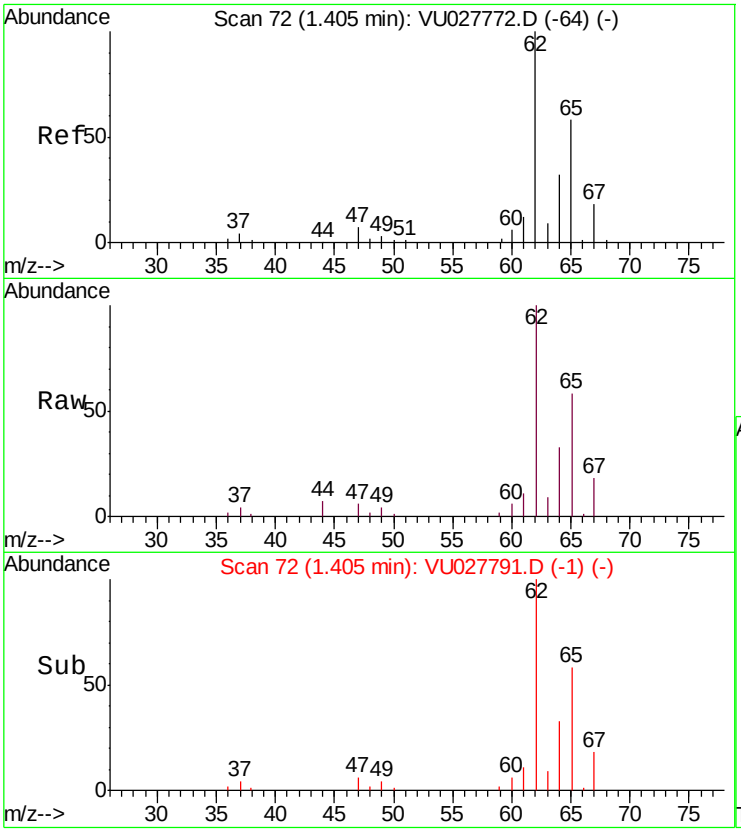


#3
Chloromethane
Concen: 5.058 ug/L
RT: 1.33 min Scan# 49
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion: 50 Resp: 21364

Ion	Ratio	Lower	Upper
50	100		
52	33.4	23.7	43.9



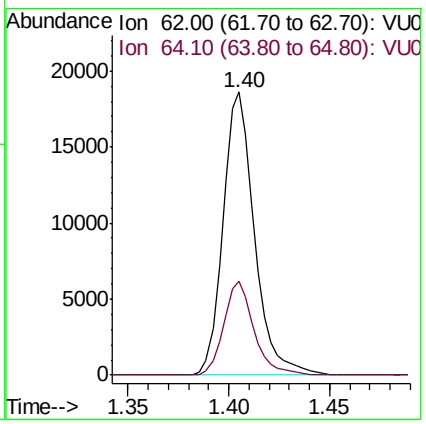


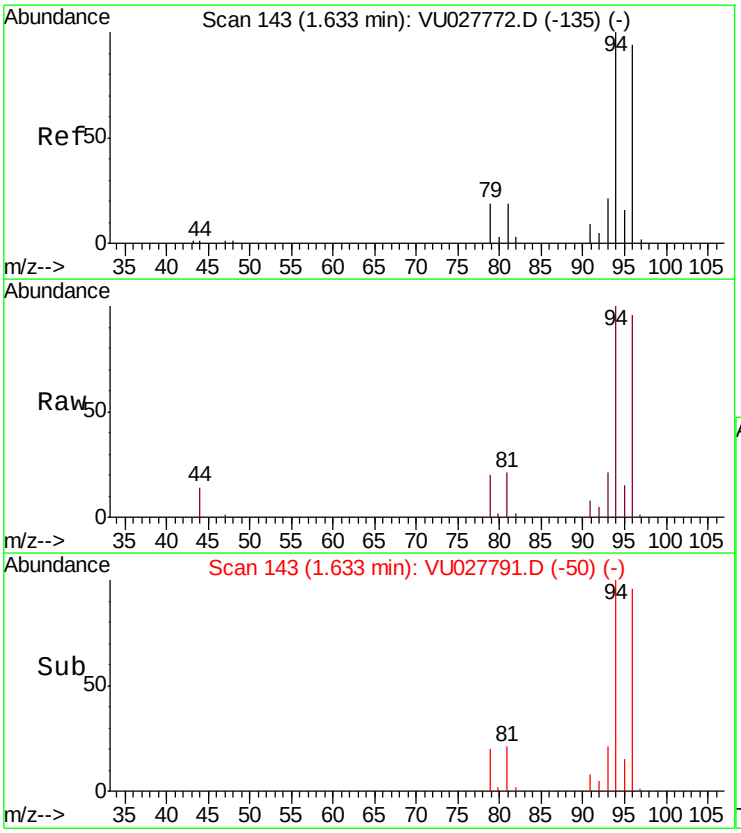
#5
Vinyl chloride
Concen: 4.987 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion: 62 Resp: 20275

Ion	Ratio	Lower	Upper
62	100		
64	33.0	22.7	42.1

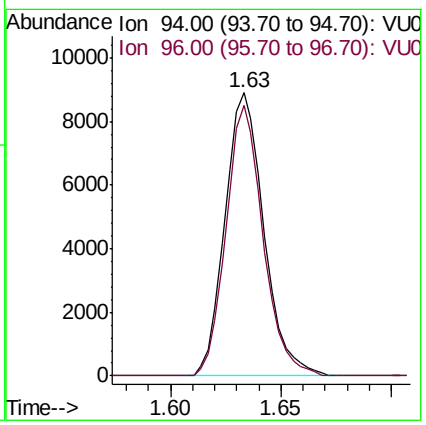


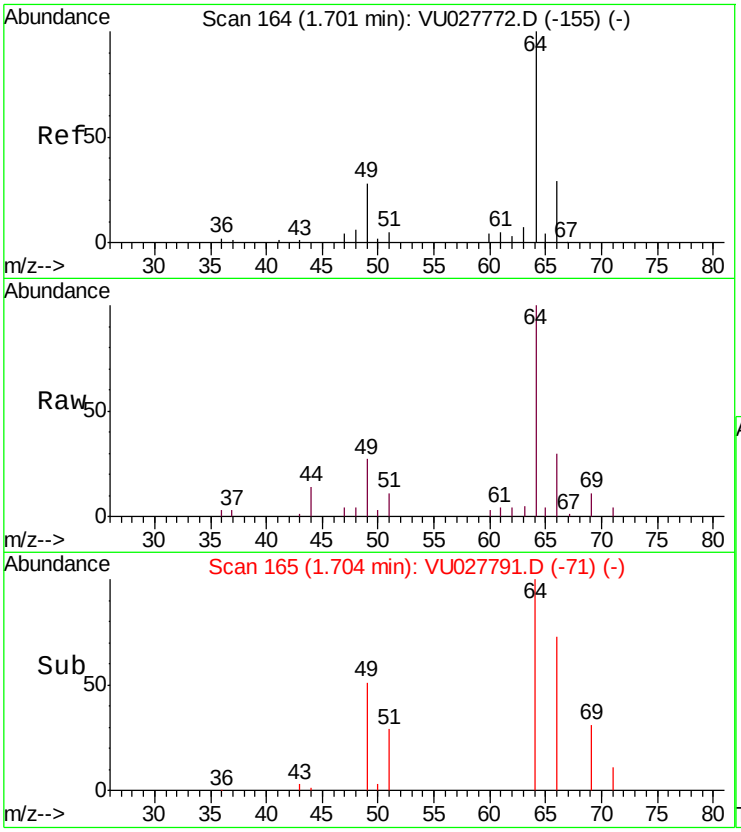


#6
Bromomethane
Concen: 5.231 ug/L
RT: 1.63 min Scan# 143
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion: 94 Resp: 10902

Ion	Ratio	Lower	Upper
94	100		
96	95.5	65.5	121.7



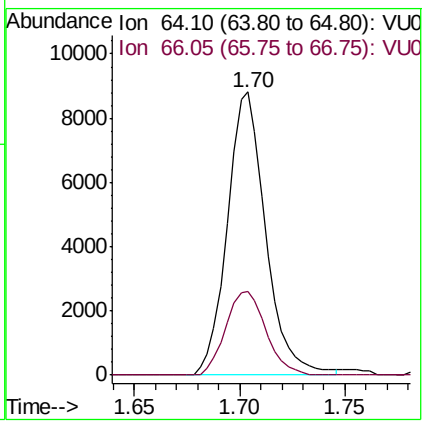


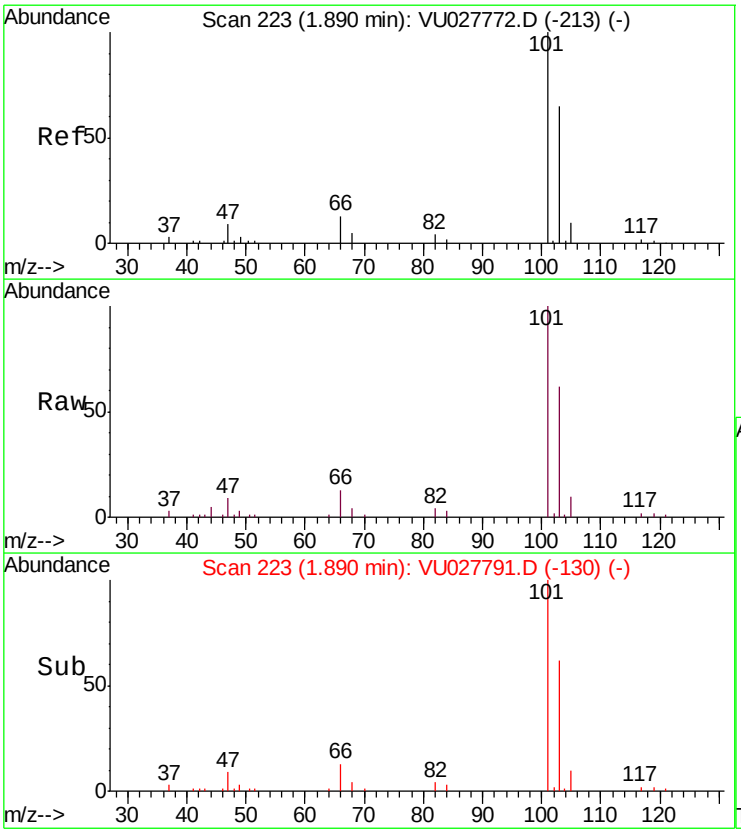
#8
Chloroethane
Concen: 5.052 ug/L
RT: 1.70 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion: 64 Resp: 11102

Ion	Ratio	Lower	Upper
64	100		
66	29.6	20.3	37.7

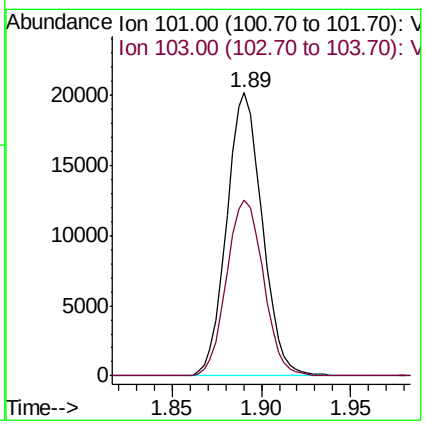


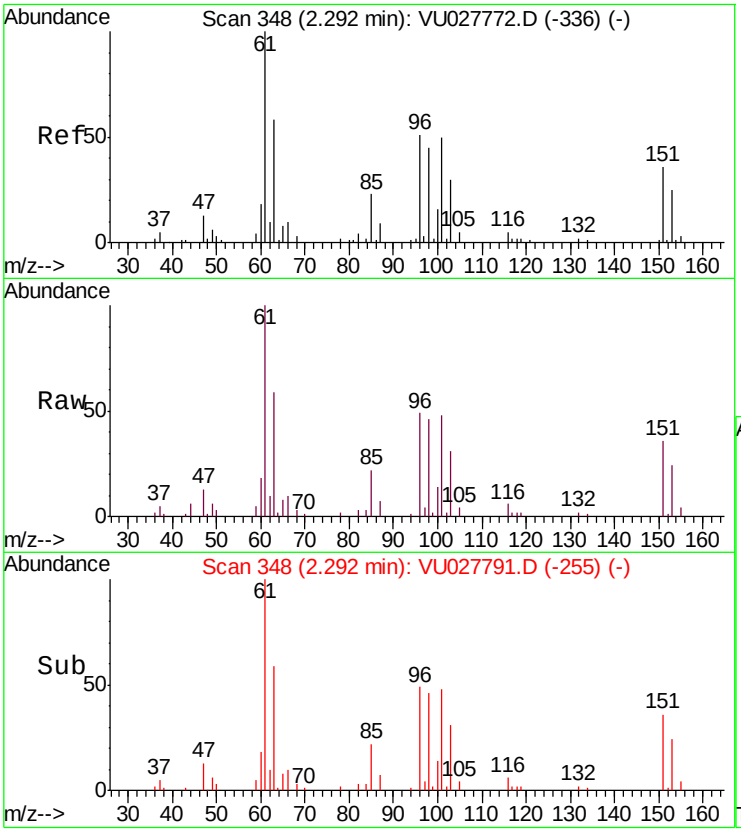


#9
Trichlorofluoromethane
Concen: 5.189 ug/L
RT: 1.89 min Scan# 223
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion:101 Resp: 27886

Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.0	76.4



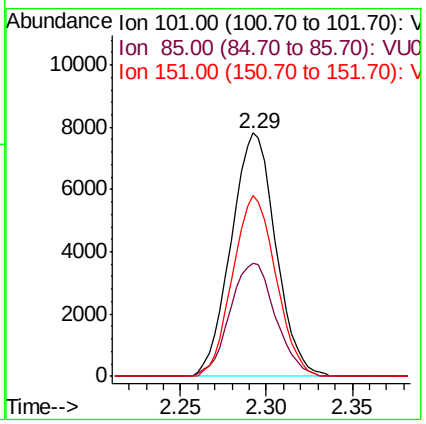


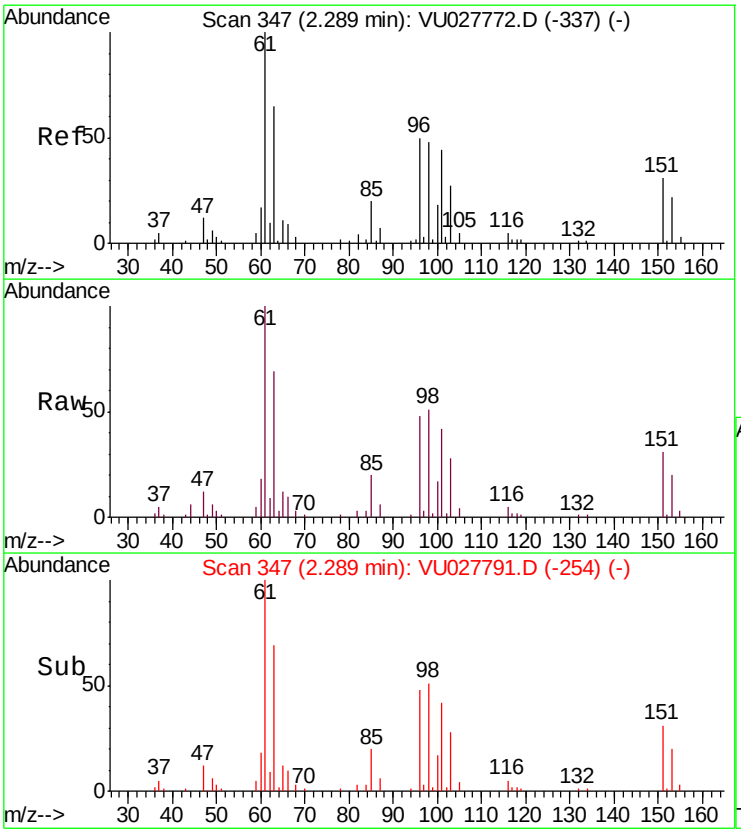
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.184 ug/L
RT: 2.29 min Scan# 348
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion:101 Resp: 14063

Ion	Ratio	Lower	Upper
101	100		
85	47.5	38.1	57.1
151	71.8	57.0	85.4

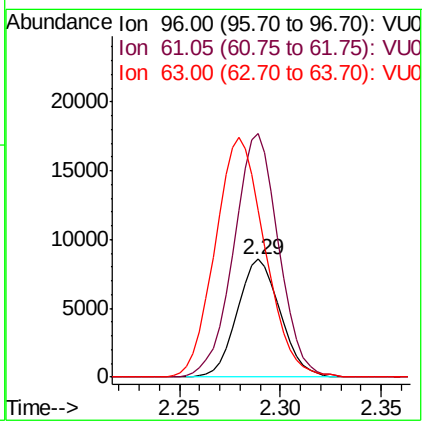


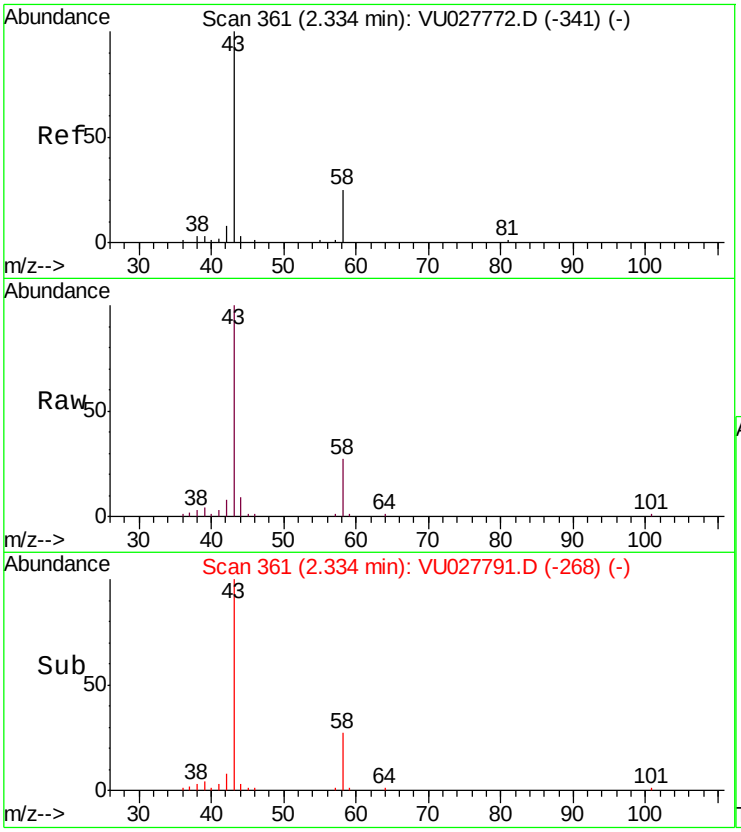


#12
1,1-Dichloroethene
Concen: 5.066 ug/L
RT: 2.29 min Scan# 347
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion: 96 Resp: 12808

Ion	Ratio	Lower	Upper
96	100		
61	206.8	143.8	267.0
63	142.0	105.1	195.3



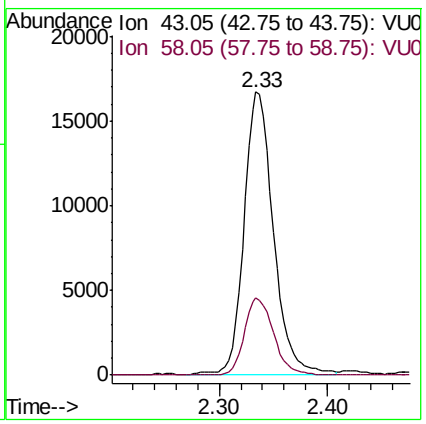


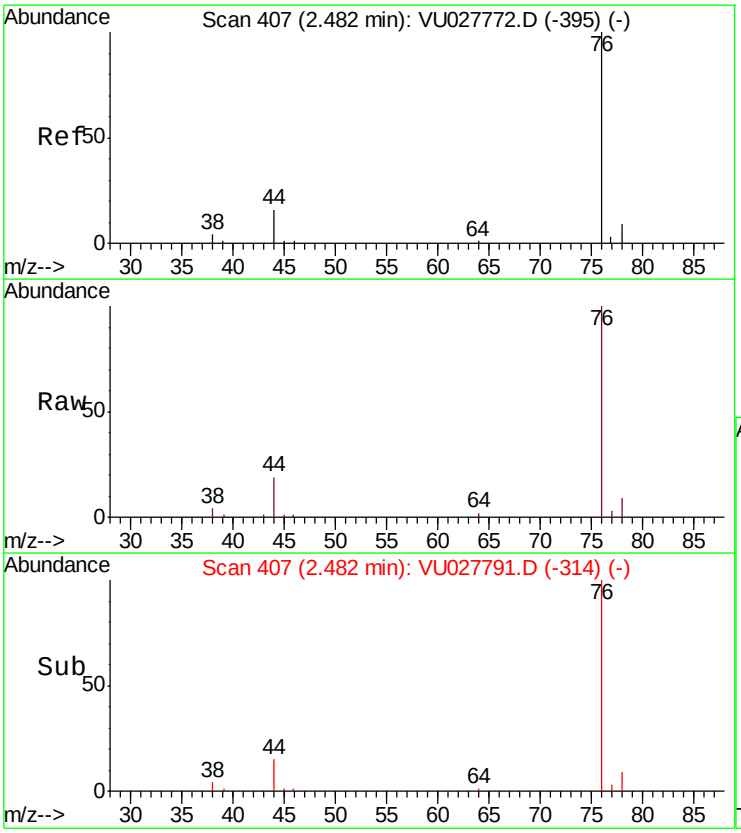
#13
Acetone
Concen: 45.915 ug/L
RT: 2.33 min Scan# 361
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion: 43 Resp: 31819

Ion	Ratio	Lower	Upper
43	100		
58	27.0	0.0	52.8

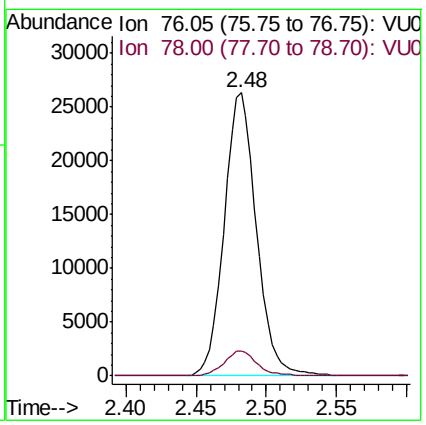


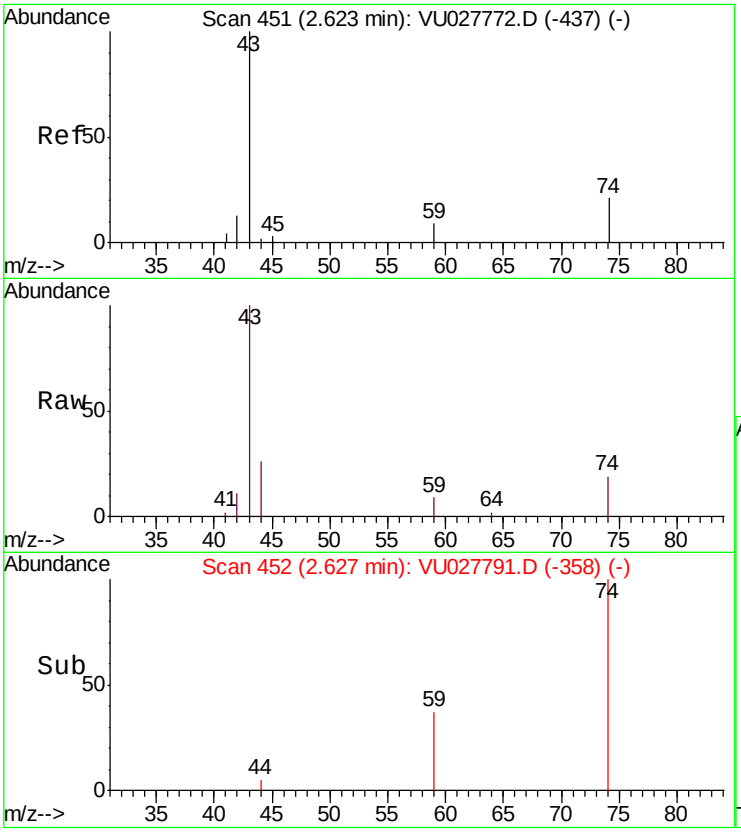


#14
Carbon disulfide
Concen: 4.836 ug/L
RT: 2.48 min Scan# 407
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion: 76 Resp: 41969

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0



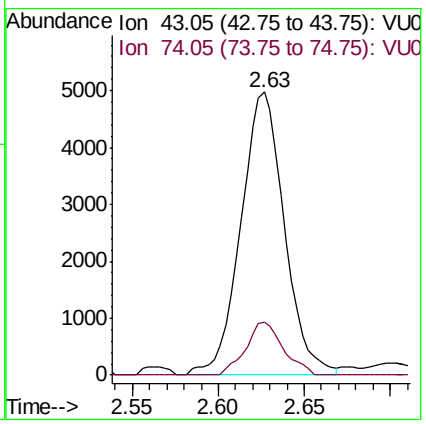


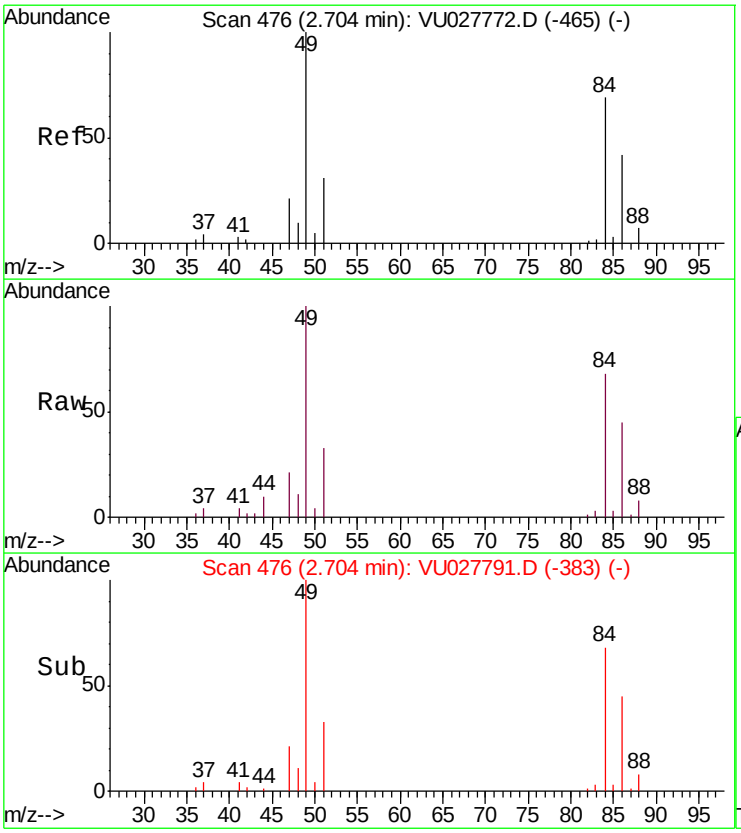
#15
Methyl Acetate
Concen: 4.522 ug/L
RT: 2.63 min Scan# 452
Delta R.T. 0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument : MSVOA_U
ClientSampleId : VSTD00502

Tgt Ion: 43 Resp: 8767

Ion	Ratio	Lower	Upper
43	100		
74	16.1	15.8	23.8

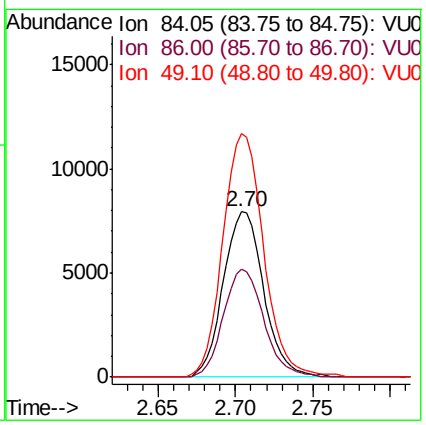


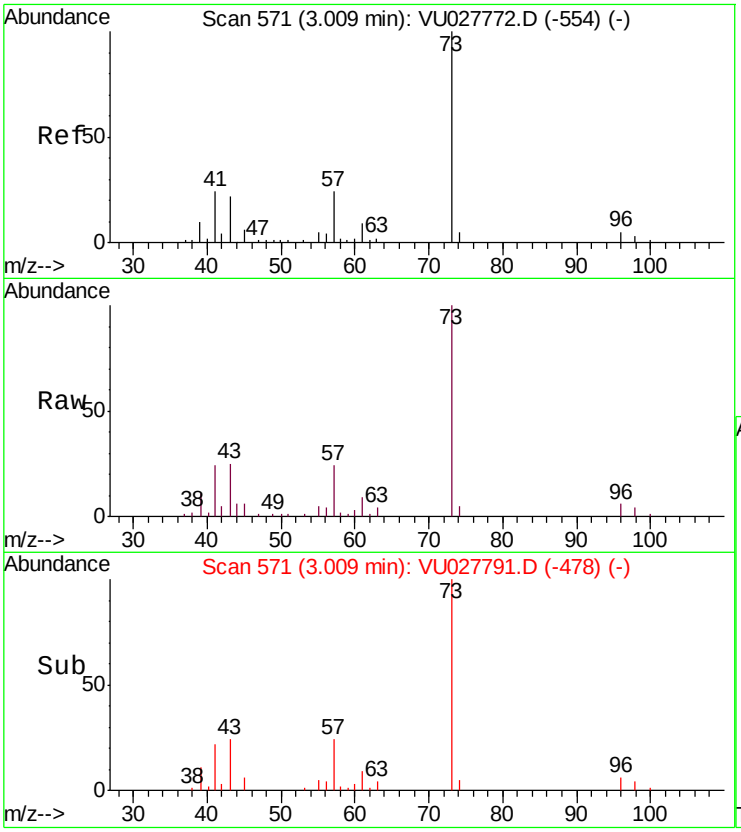


#16
Methylene chloride
Concen: 4.837 ug/L
RT: 2.70 min Scan# 476
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion: 84 Resp: 14422

Ion	Ratio	Lower	Upper
84	100		
86	65.5	42.8	79.4
49	147.1	101.4	188.4



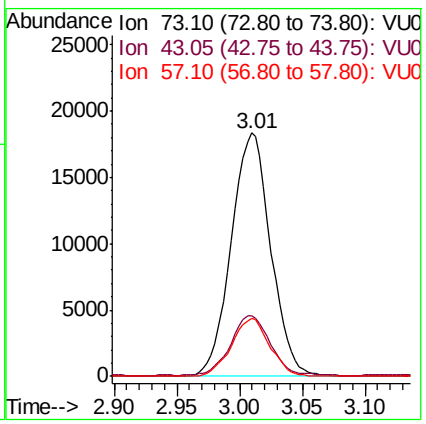


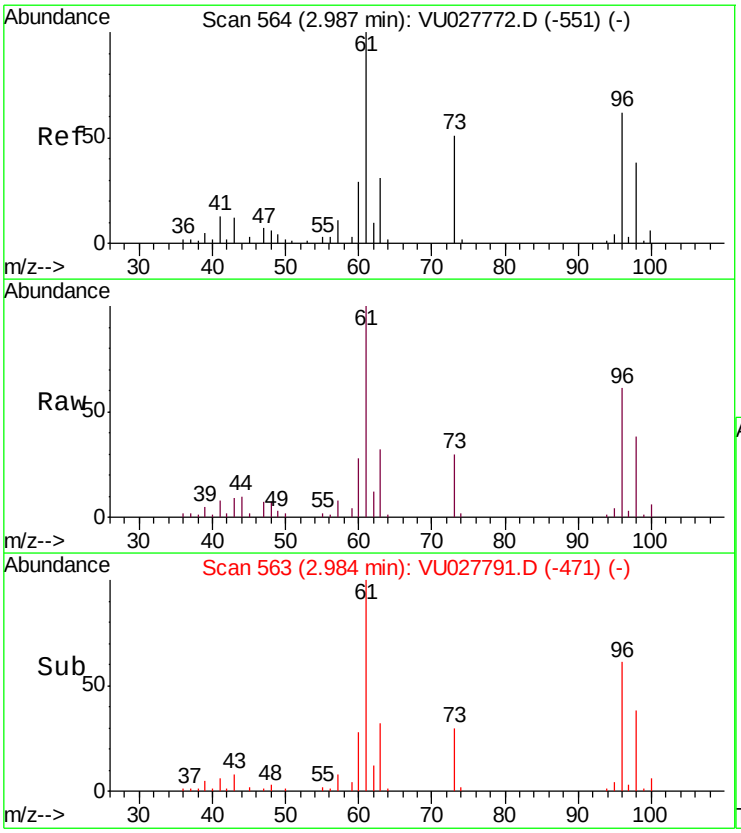
#17
Methyl tert-butyl Ether
Concen: 4.964 ug/L
RT: 3.01 min Scan# 571
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion: 73 Resp: 40171

Ion	Ratio	Lower	Upper
73	100		
43	25.7	18.6	28.0
57	22.9	18.2	27.2

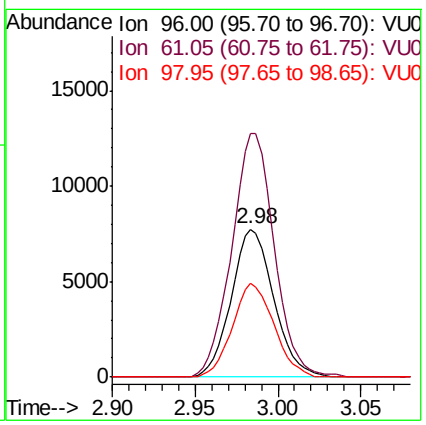


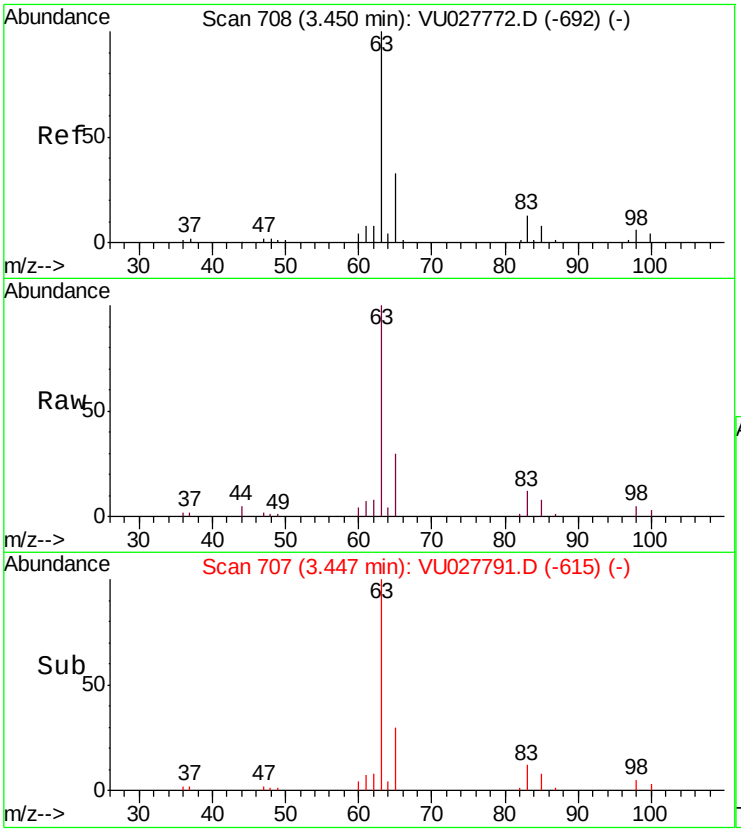


#18
trans-1,2-Dichloroethene
Concen: 5.101 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion: 96 Resp: 13819

Ion	Ratio	Lower	Upper
96	100		
61	164.2	112.1	208.3
98	63.0	42.1	78.3



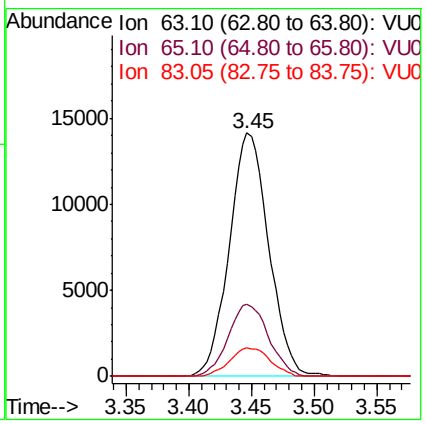


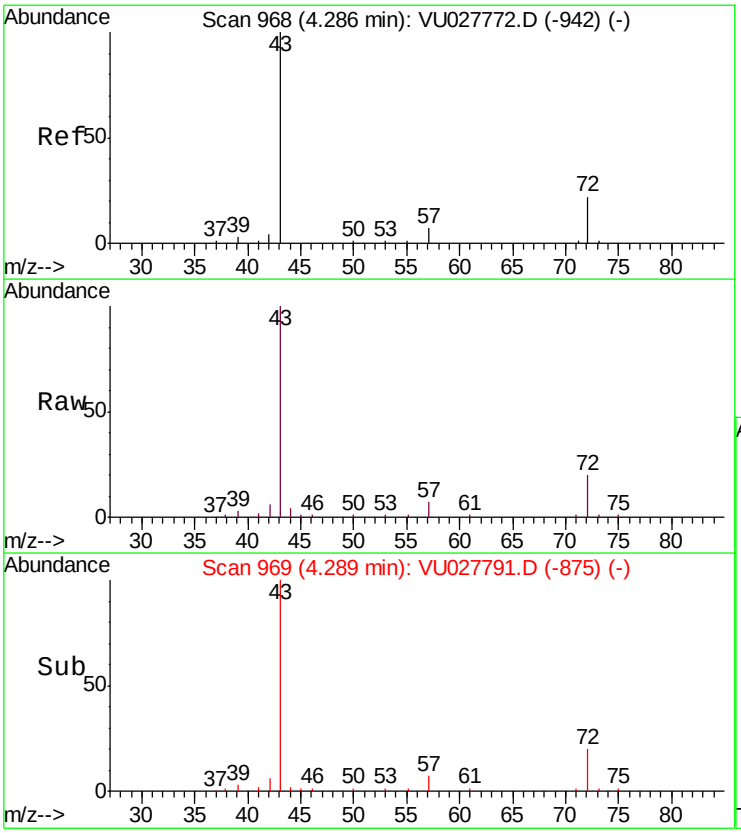
#19
1,1-Dichloroethane
Concen: 5.163 ug/L
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion: 63 Resp: 30927

Ion	Ratio	Lower	Upper
63	100		
65	29.6	23.1	42.9
83	11.7	9.2	17.0

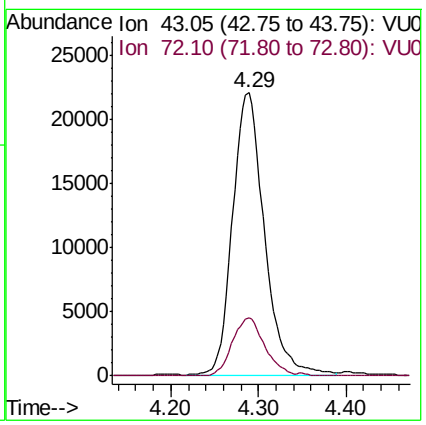


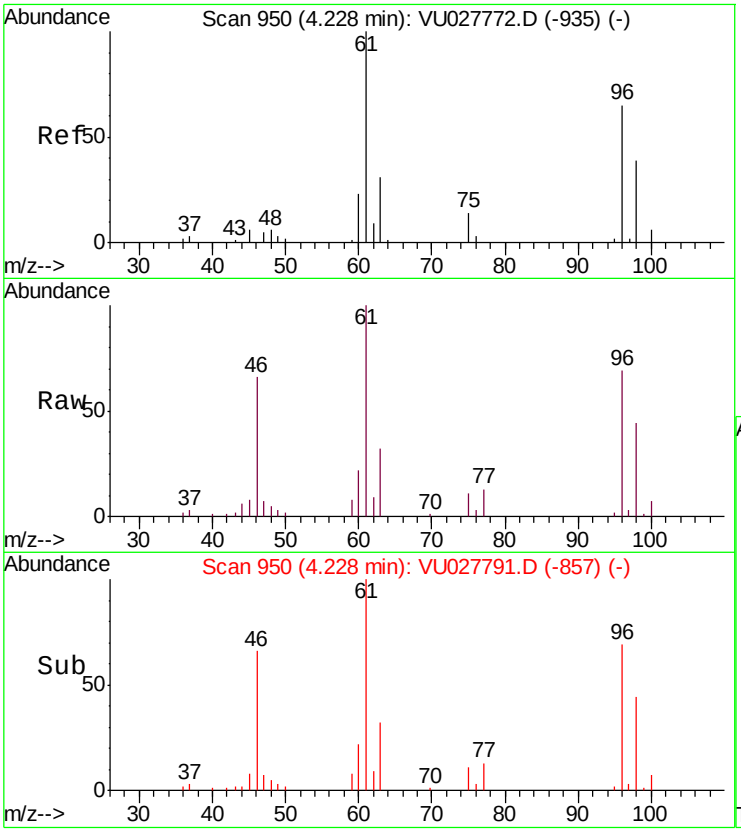


#21
2-Butanone
Concen: 49.433 ug/L
RT: 4.29 min Scan# 969
Delta R.T. 0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion: 43 Resp: 56208

Ion	Ratio	Lower	Upper
43	100		
72	20.6	10.5	31.6



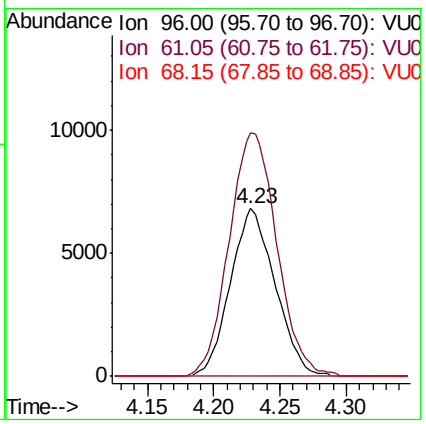


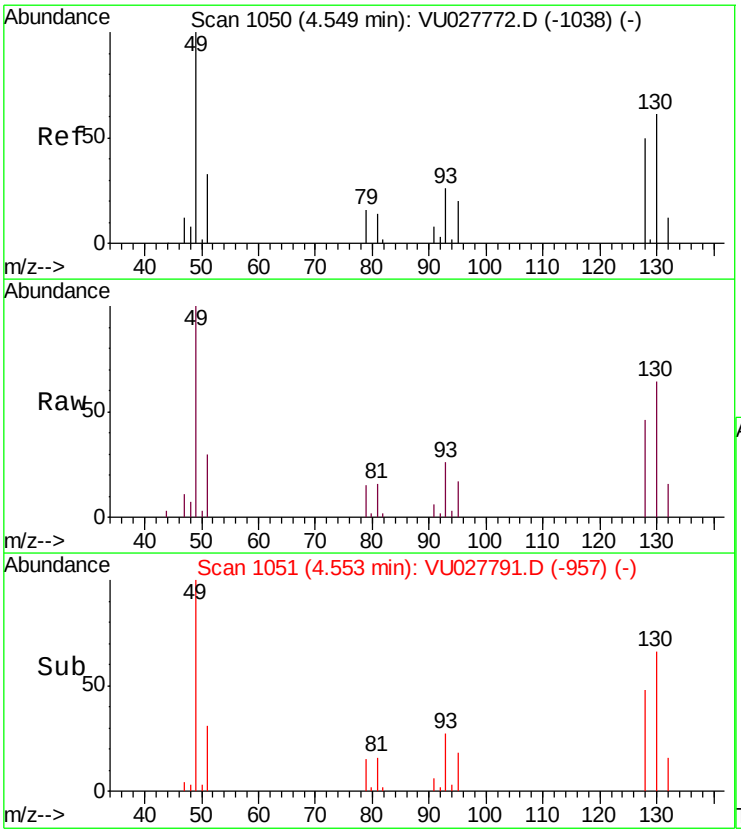
#22
cis-1,2-Dichloroethene
Concen: 4.982 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion: 96 Resp: 16031

Ion	Ratio	Lower	Upper
96	100		
61	144.9	107.2	199.0
68	0.0	0.0	0.0

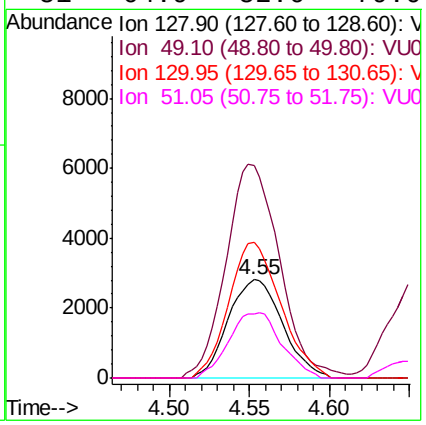


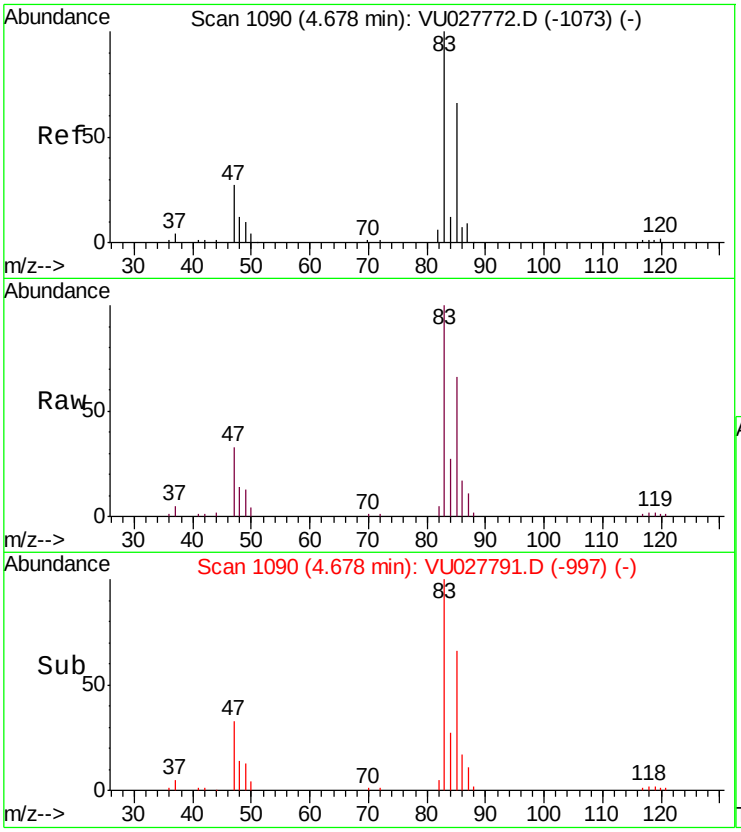


#23
Bromochloromethane
Concen: 5.012 ug/L
RT: 4.55 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion:128 Resp: 6539

Ion	Ratio	Lower	Upper
128	100		
49	215.3	142.8	265.2
130	138.3	86.0	159.8
51	64.9	52.6	79.0



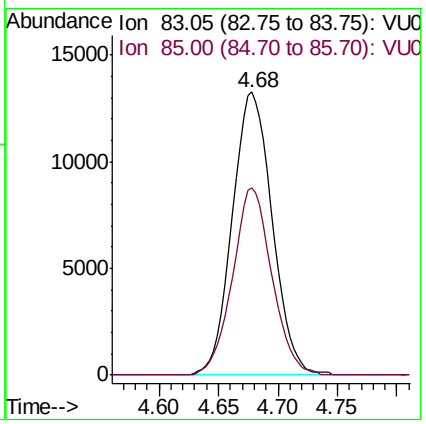


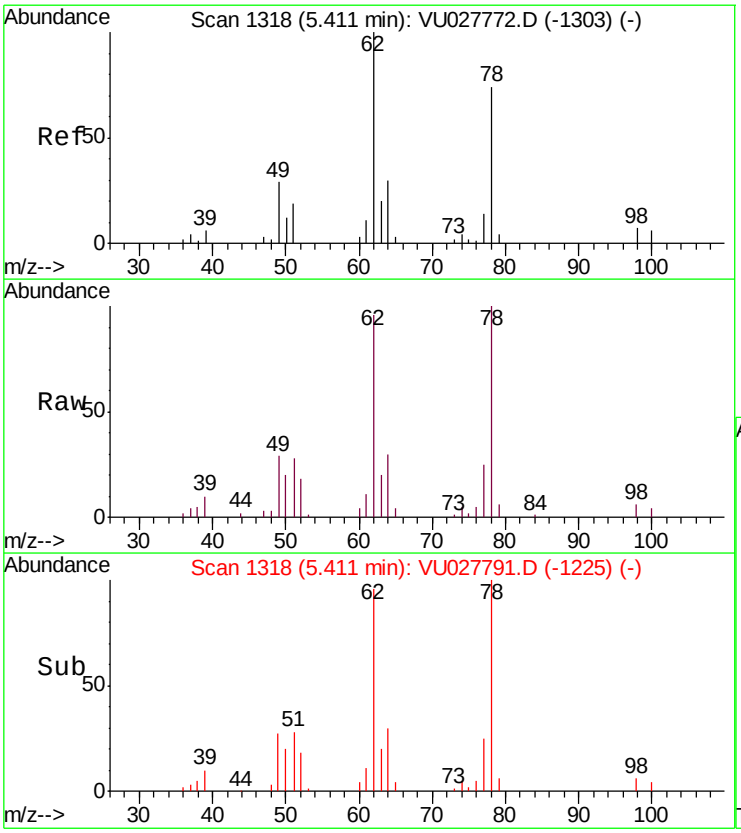
#25
Chloroform
Concen: 5.115 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion: 83 Resp: 30854

Ion	Ratio	Lower	Upper
83	100		
85	66.4	45.8	85.2

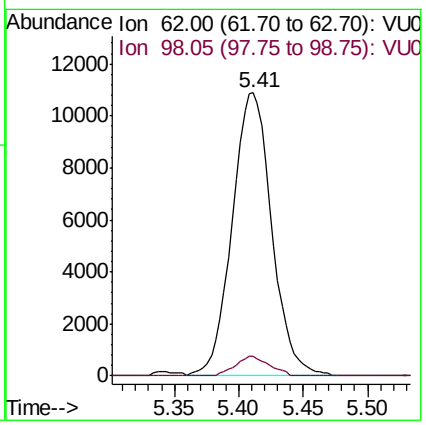


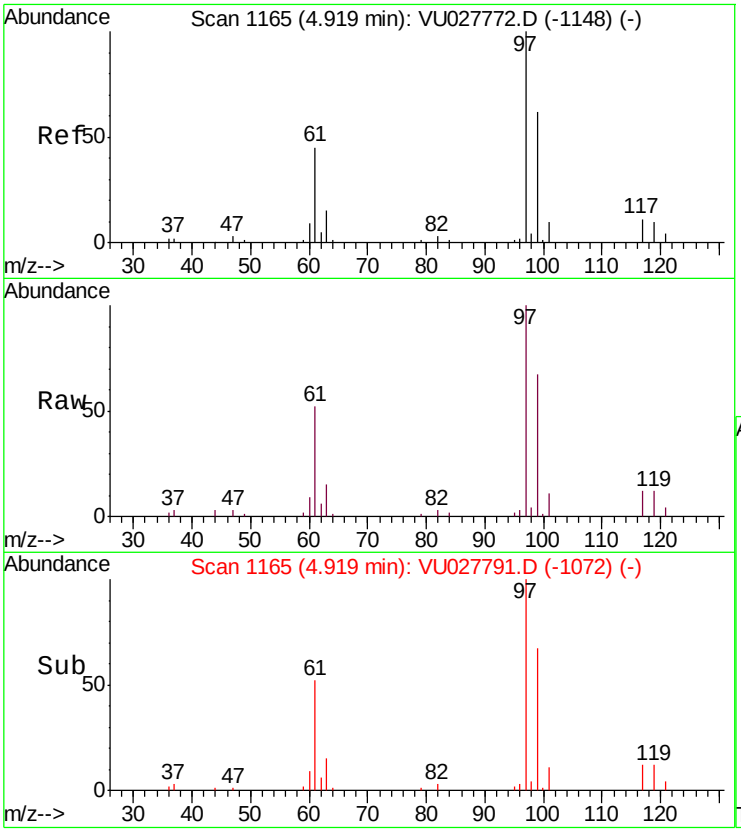


#27
1,2-Dichloroethane
Concen: 5.217 ug/L
RT: 5.41 min Scan# 1318
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion: 62 Resp: 23246

Ion	Ratio	Lower	Upper
62	100		
98	6.8	5.7	8.5



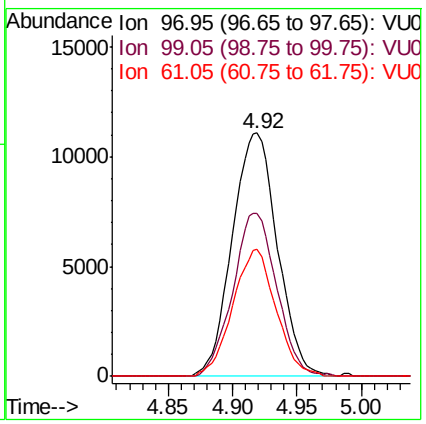


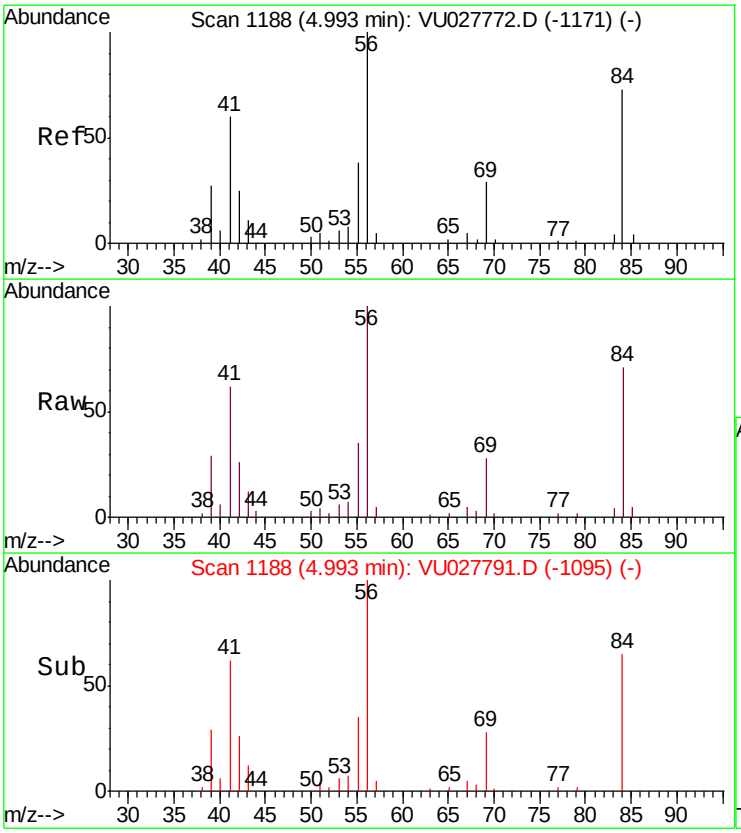
#29
1,1,1-Trichloroethane
Concen: 4.904 ug/L
RT: 4.92 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion: 97 Resp: 26996

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.3	76.9
61	49.8	36.7	55.1

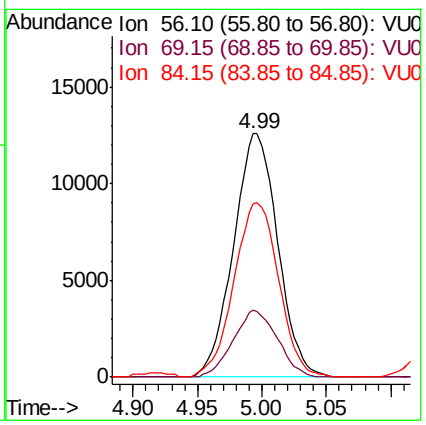


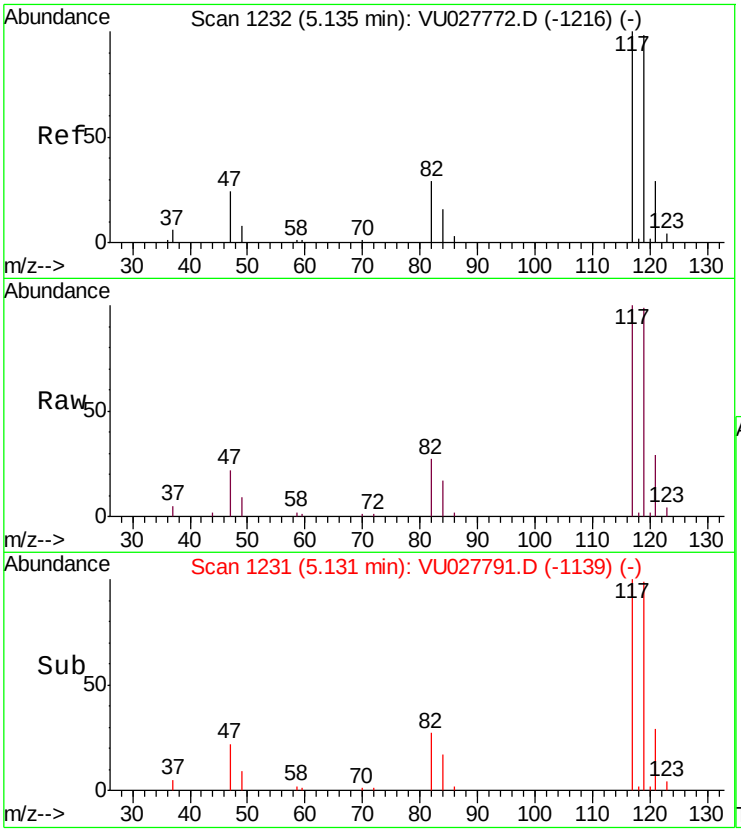


#30
Cyclohexane
Concen: 4.874 ug/L
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion: 56 Resp: 30050

Ion	Ratio	Lower	Upper
56	100		
69	27.3	22.2	33.4
84	72.4	58.6	88.0



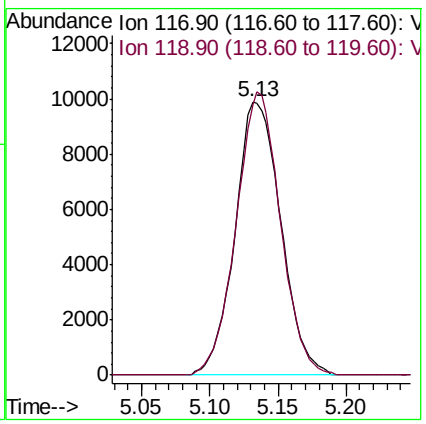


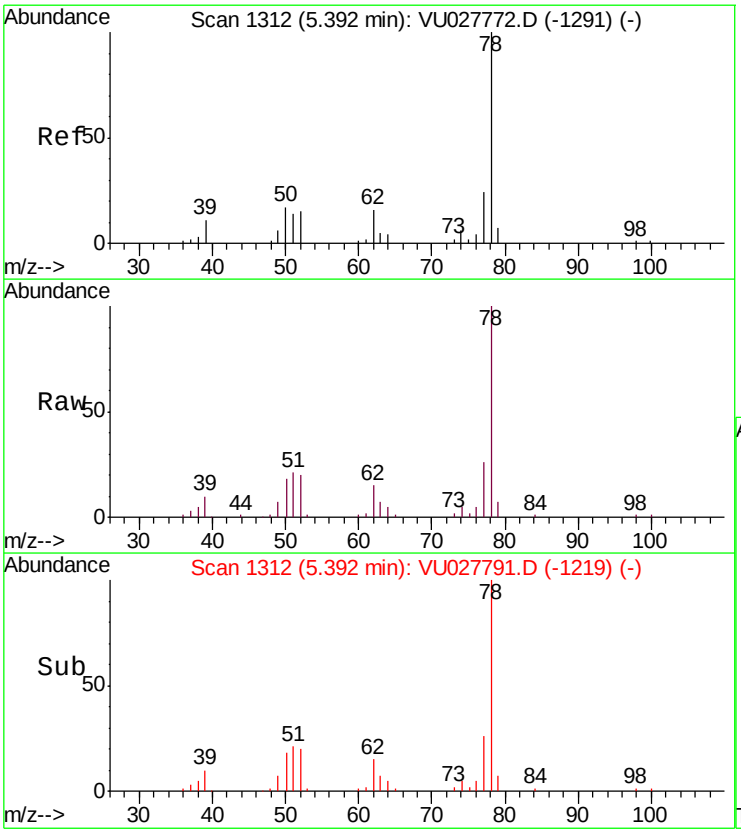
#31
Carbon tetrachloride
Concen: 4.885 ug/L
RT: 5.13 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion:117 Resp: 23073

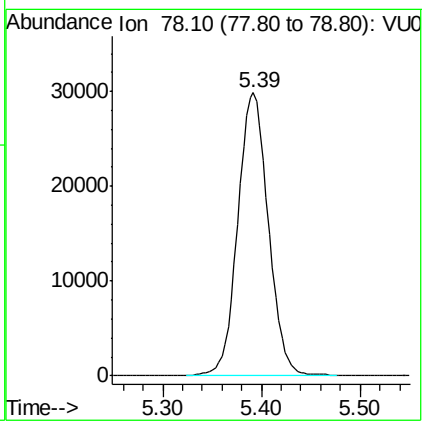
Ion	Ratio	Lower	Upper
117	100		
119	100.0	77.0	115.6

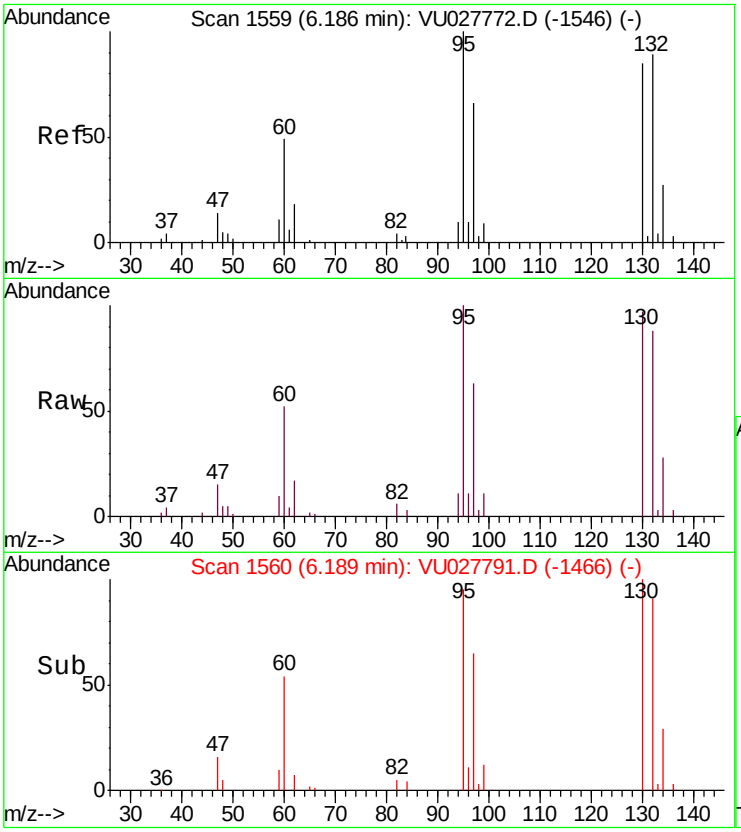




#33
Benzene
Concen: 5.031 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion: 78 Resp: 63984



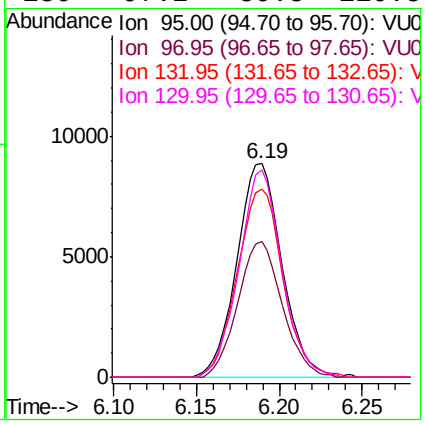


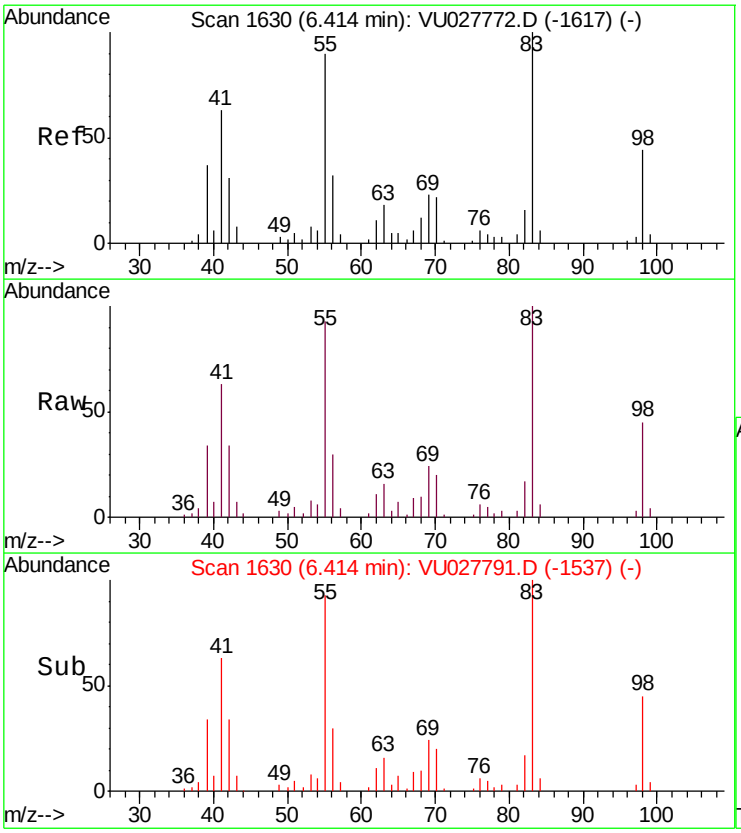
#34
Trichloroethene
Concen: 5.092 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument : MSVOA_U
ClientSampleId : VSTD00502

Tgt Ion: 95 Resp: 16778

Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.4	86.2
132	88.2	62.0	115.2
130	97.2	59.5	110.5

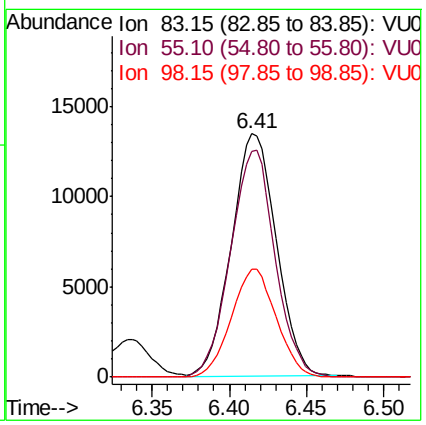


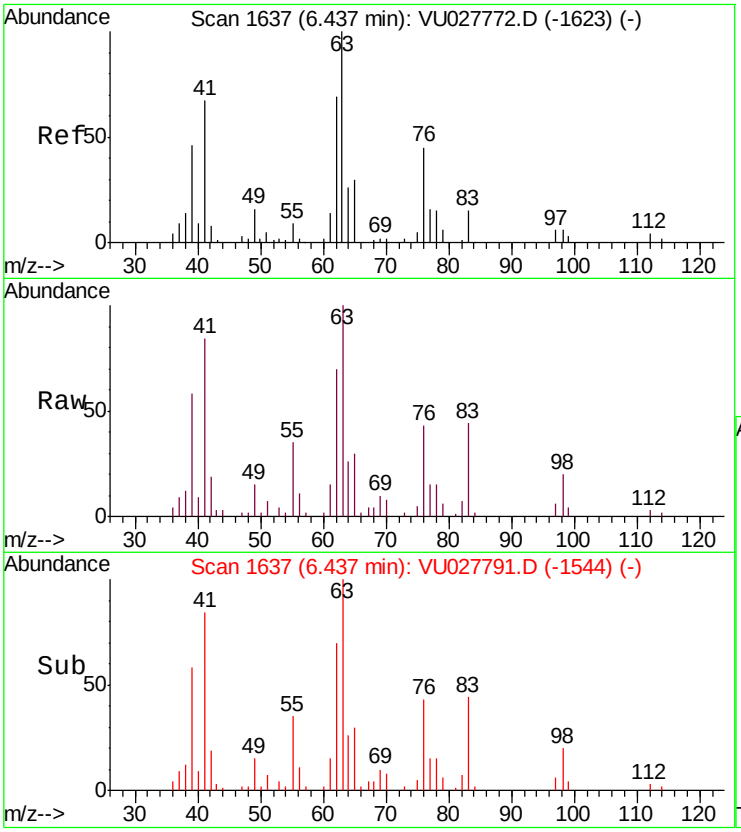


#35
Methylcyclohexane
Concen: 4.920 ug/L
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion: 83 Resp: 27090

Ion	Ratio	Lower	Upper
83	100		
55	93.0	71.5	107.3
98	44.6	35.4	53.0



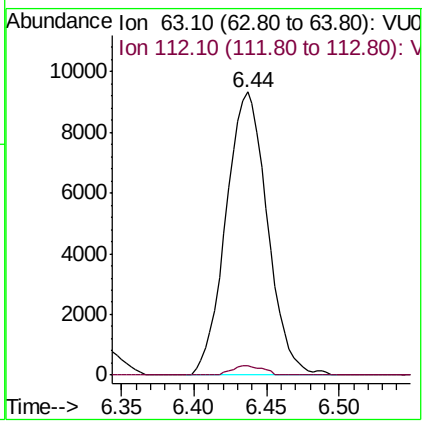


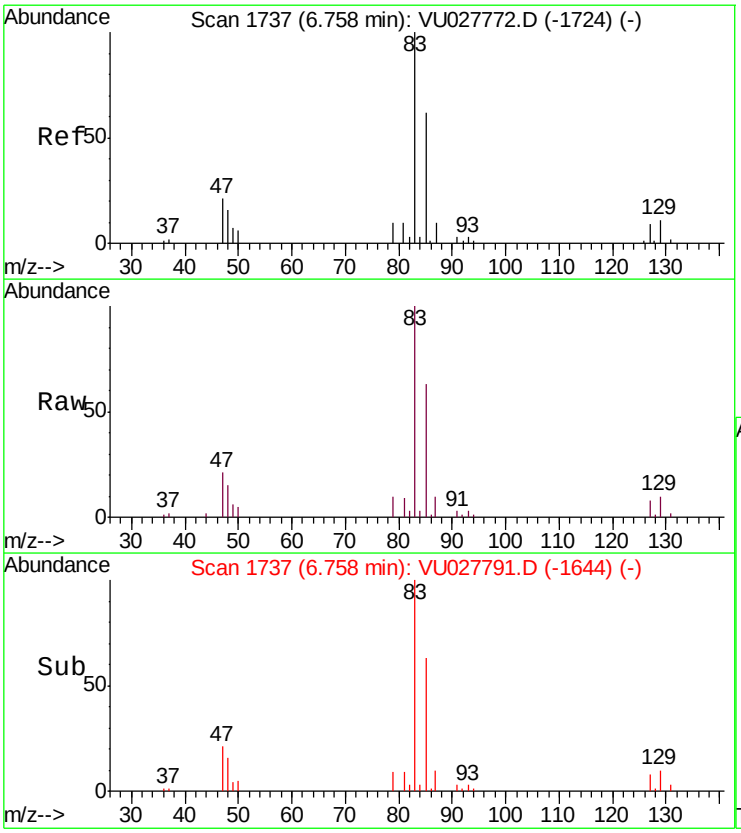
#37
1,2-Dichloropropane
Concen: 4.946 ug/L
RT: 6.44 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument : MSVOA_U
ClientSampleId : VSTD00502

Tgt Ion: 63 Resp: 18470

Ion	Ratio	Lower	Upper
63	100		
112	2.5	2.7	4.1#

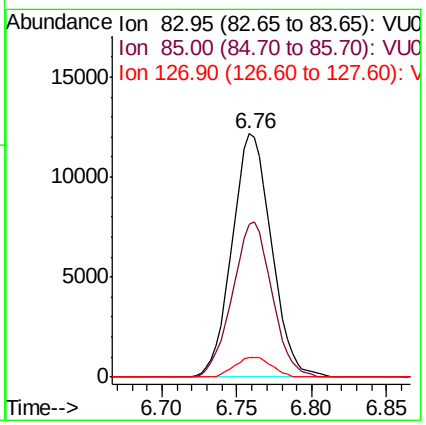


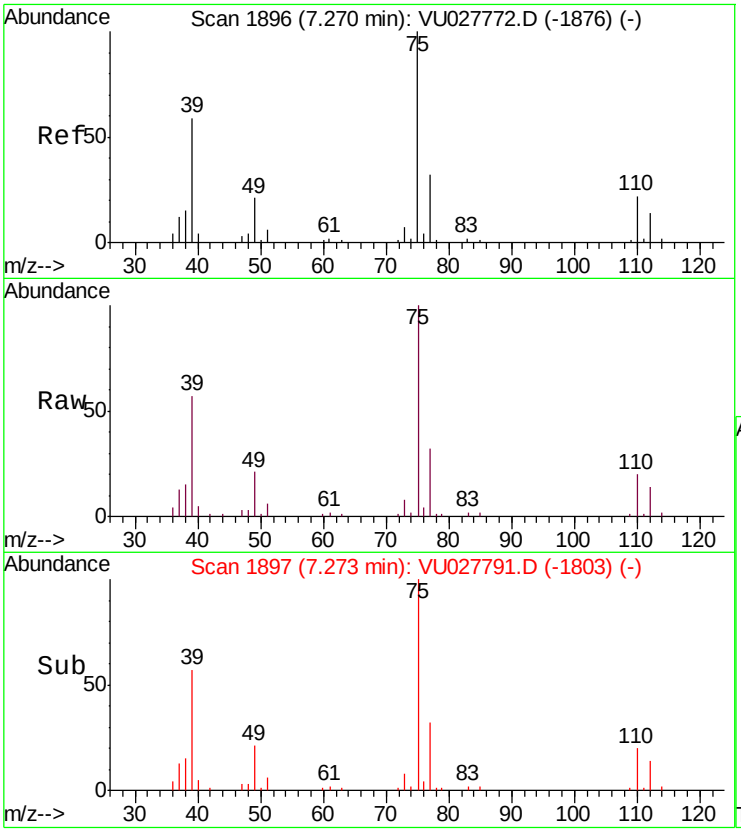


#38
Bromodichloromethane
Concen: 5.019 ug/L
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion: 83 Resp: 22377

Ion	Ratio	Lower	Upper
83	100		
85	62.6	43.3	80.5
127	8.0	7.2	10.8



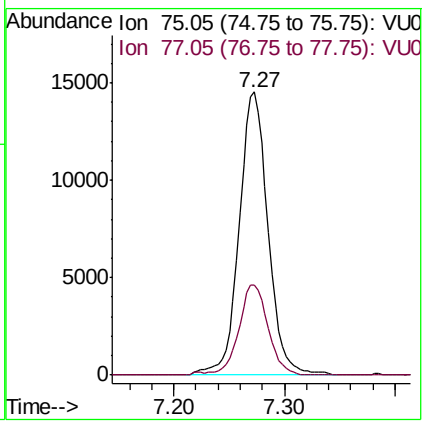


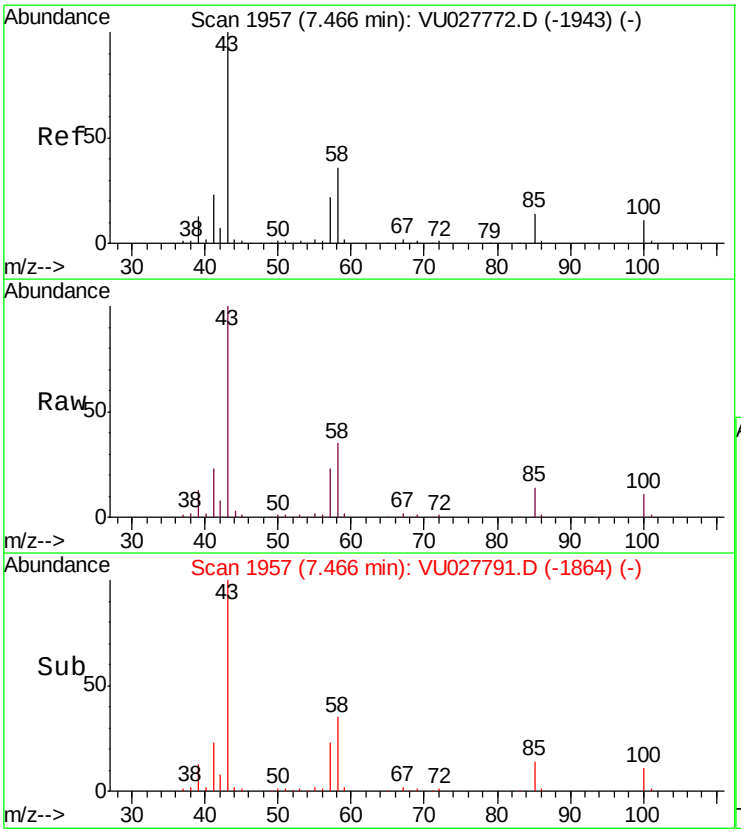
#39
cis-1,3-Dichloropropene
Concen: 4.916 ug/L
RT: 7.27 min Scan# 1897
Delta R.T. 0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion: 75 Resp: 26295

Ion	Ratio	Lower	Upper
75	100		
77	32.0	22.5	41.7

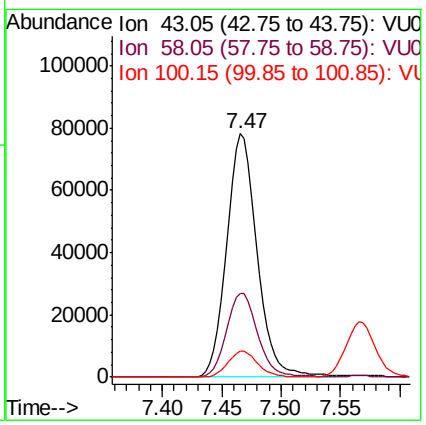


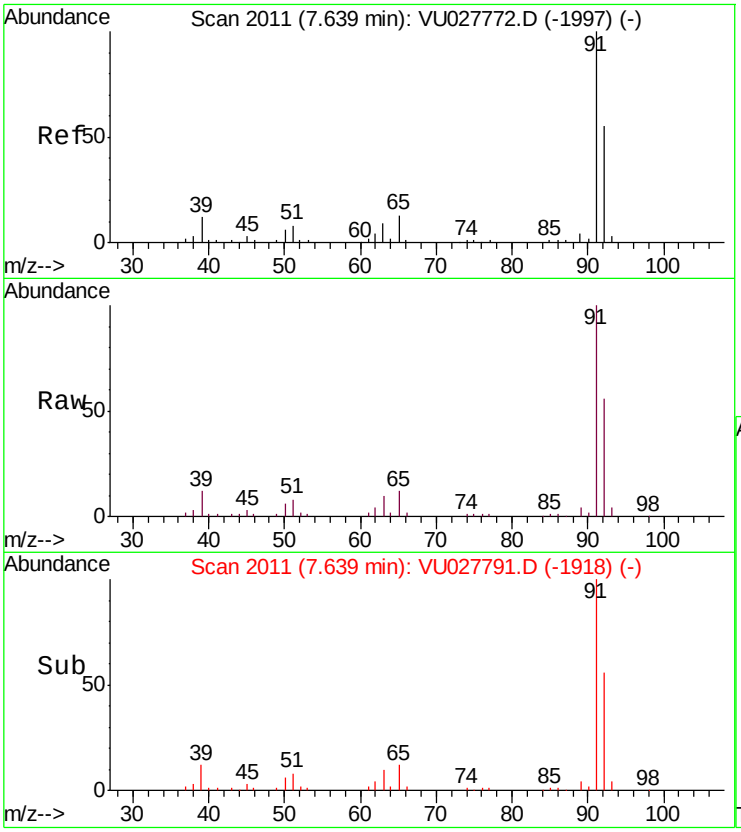


#40
4-Methyl-2-pentanone
Concen: 49.713 ug/L
RT: 7.47 min Scan# 1957
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion: 43 Resp: 138784

Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.1	42.1
100	10.6	8.7	13.1



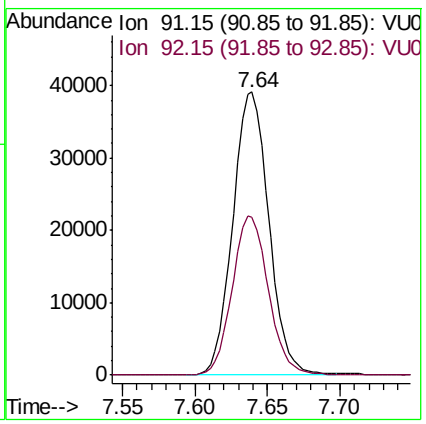


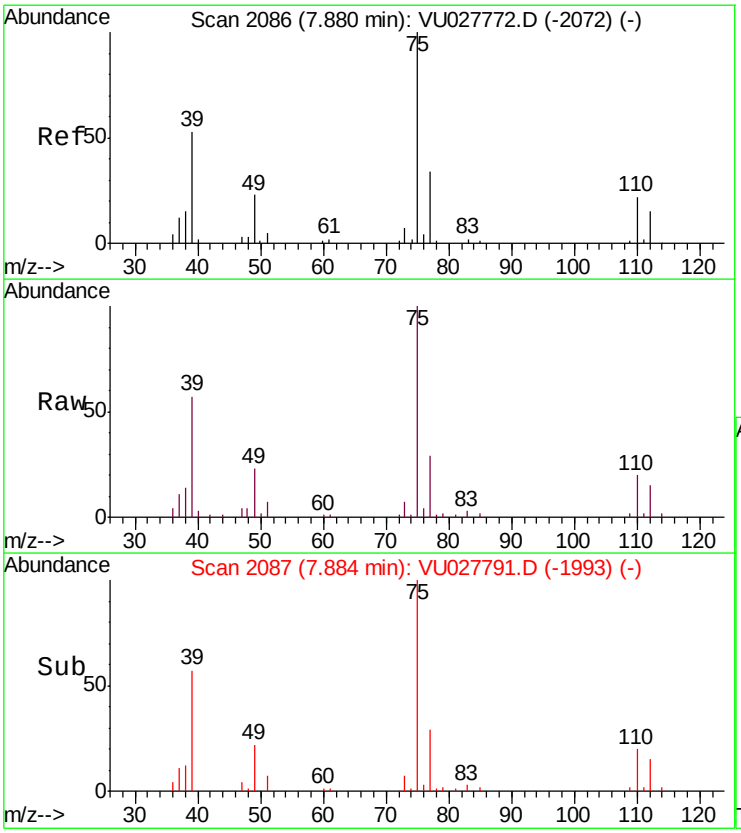
#42
Toluene
Concen: 4.948 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion: 91 Resp: 67738

Ion	Ratio	Lower	Upper
91	100		
92	55.7	38.6	71.8

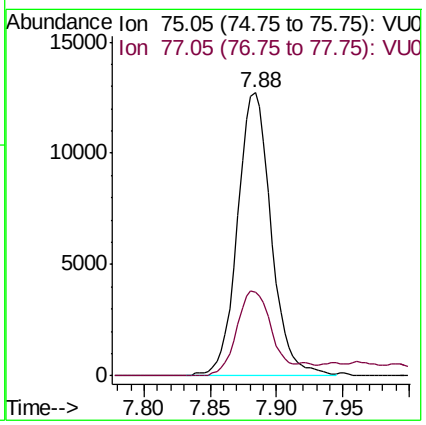


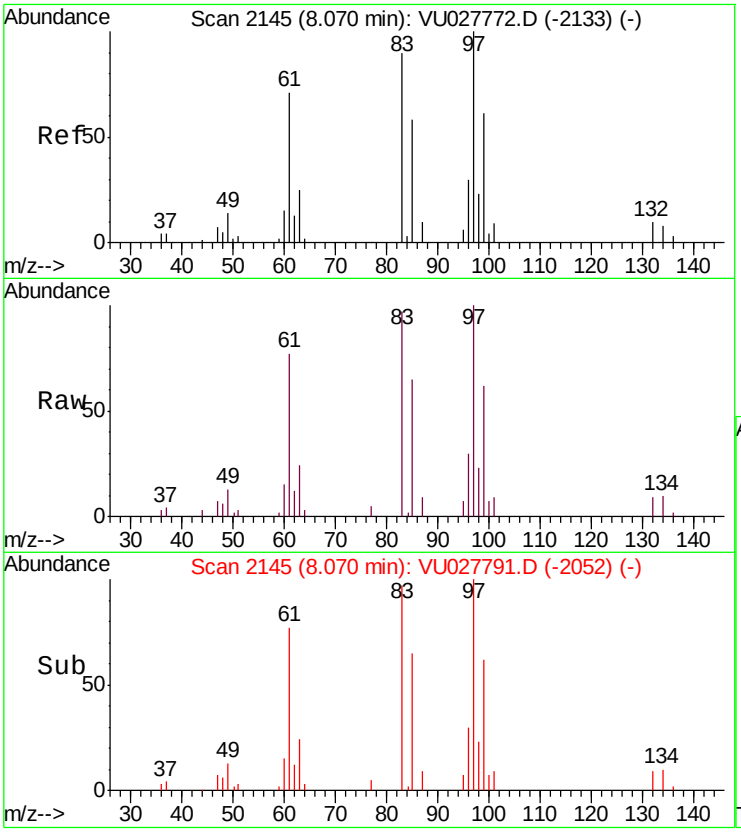


#44
trans-1,3-Dichloropropene
Concen: 5.015 ug/L
RT: 7.88 min Scan# 2087
Delta R.T. 0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion: 75 Resp: 22589

Ion	Ratio	Lower	Upper
75	100		
77	29.5	23.5	43.7



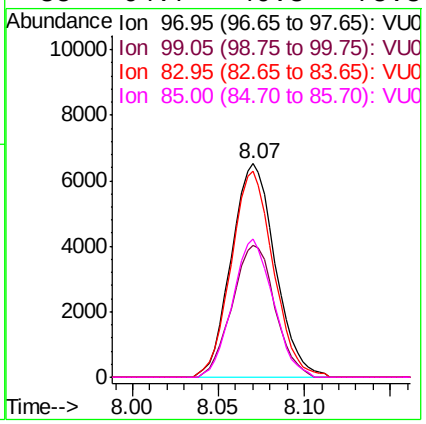


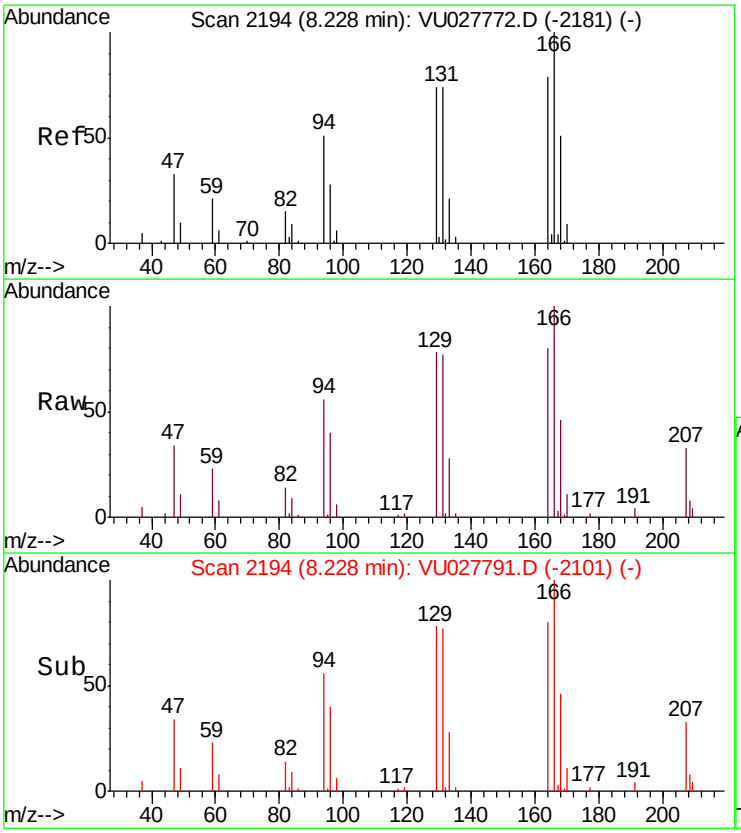
#45
1,1,2-Trichloroethane
Concen: 5.126 ug/L
RT: 8.07 min Scan# 2145
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion: 97 Resp: 11552

Ion	Ratio	Lower	Upper
97	100		
99	62.0	42.8	79.6
83	96.6	62.9	116.9
85	64.7	40.8	75.8

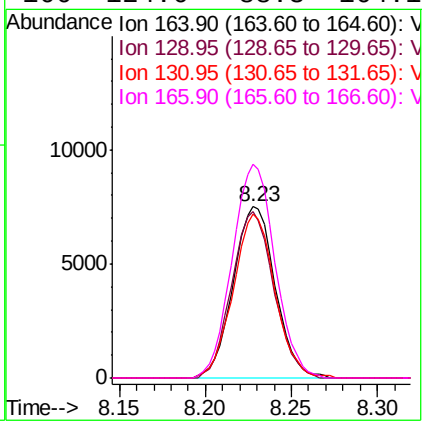


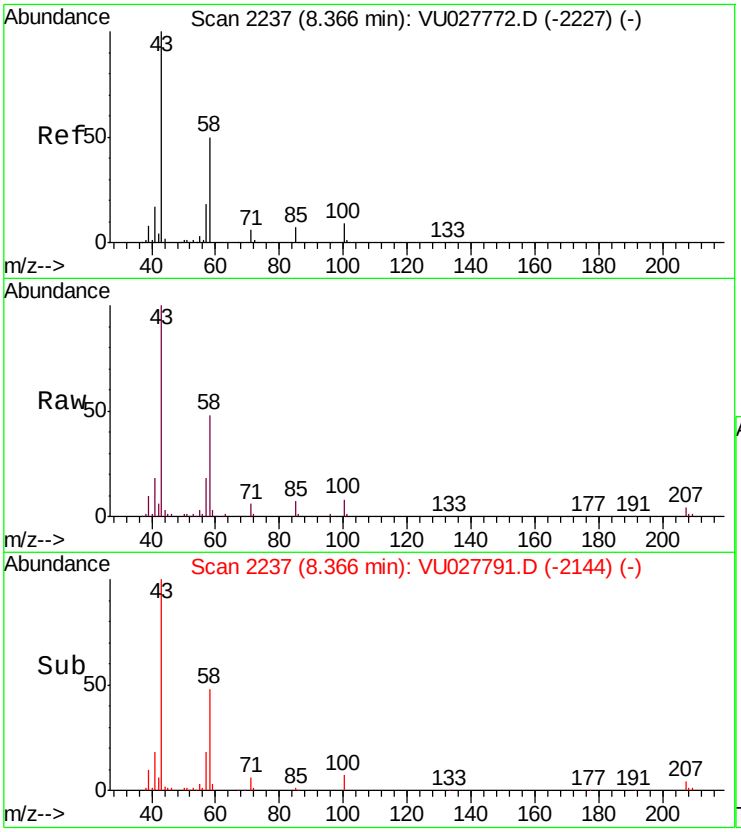


#47
Tetrachloroethene
Concen: 4.770 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion:164 Resp: 12768

Ion	Ratio	Lower	Upper
164	100		
129	96.8	65.6	121.8
131	95.7	65.0	120.8
166	124.6	88.3	164.1



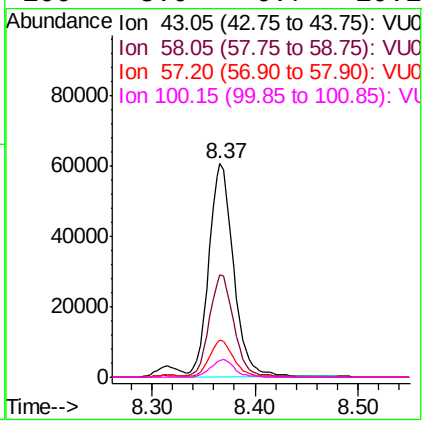


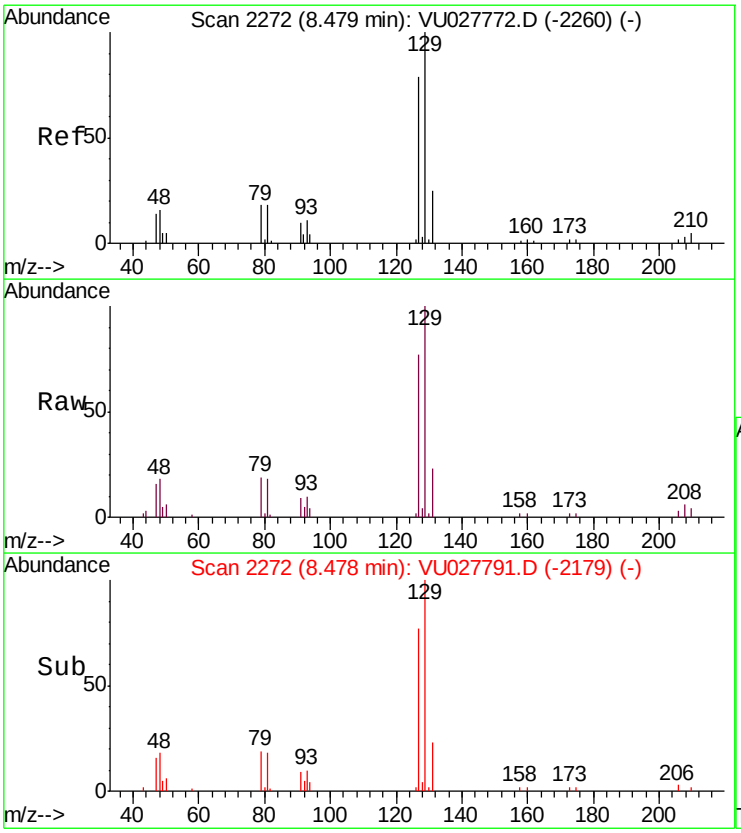
#48
2-Hexanone
Concen: 50.585 ug/L
RT: 8.37 min Scan# 2237
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion: 43 Resp: 100342

Ion	Ratio	Lower	Upper
43	100		
58	48.5	39.4	59.0
57	17.4	13.8	20.8
100	8.0	6.7	10.1

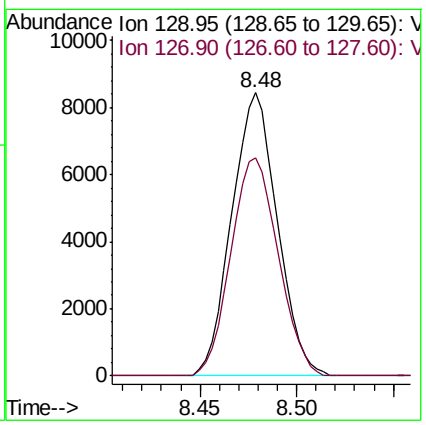


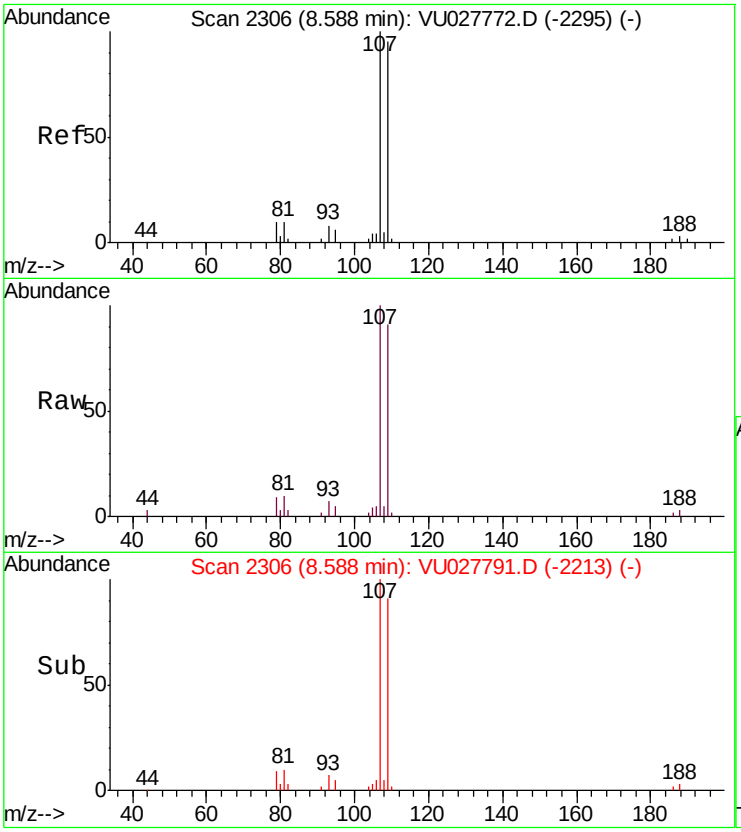


#49
Dibromochloromethane
Concen: 4.814 ug/L
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion:129 Resp: 13825

Ion	Ratio	Lower	Upper
129	100		
127	76.9	55.2	102.4



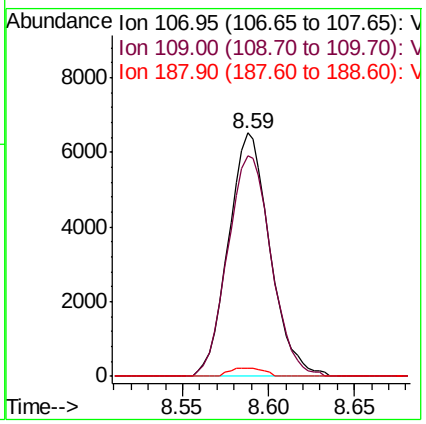


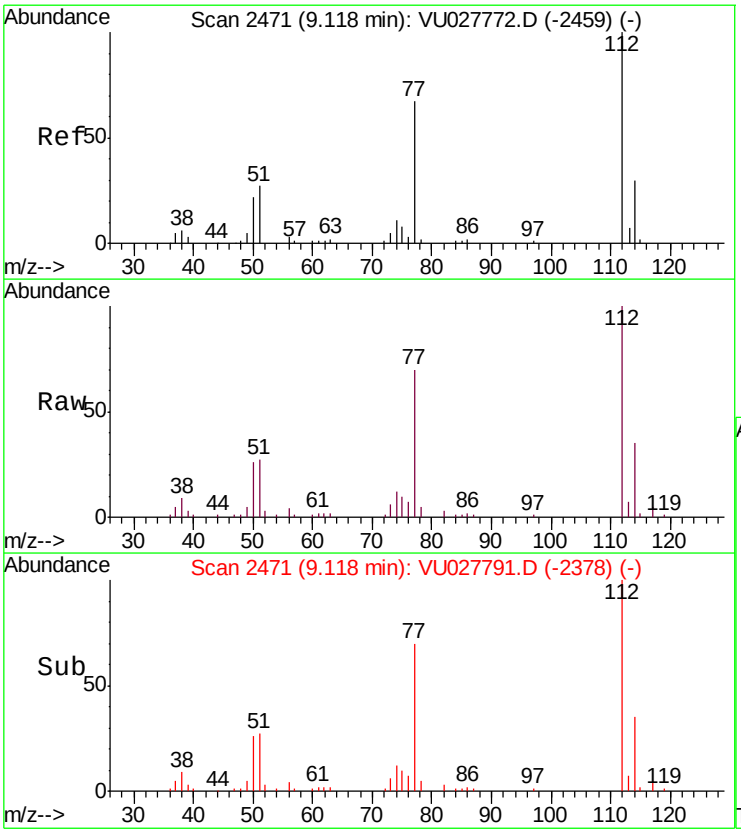
#50
1,2-Dibromoethane
Concen: 4.983 ug/L
RT: 8.59 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion:107 Resp: 10916

Ion	Ratio	Lower	Upper
107	100		
109	90.6	66.3	123.1
188	3.4	2.6	3.8

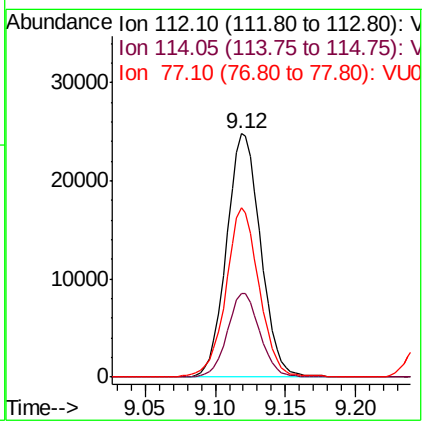


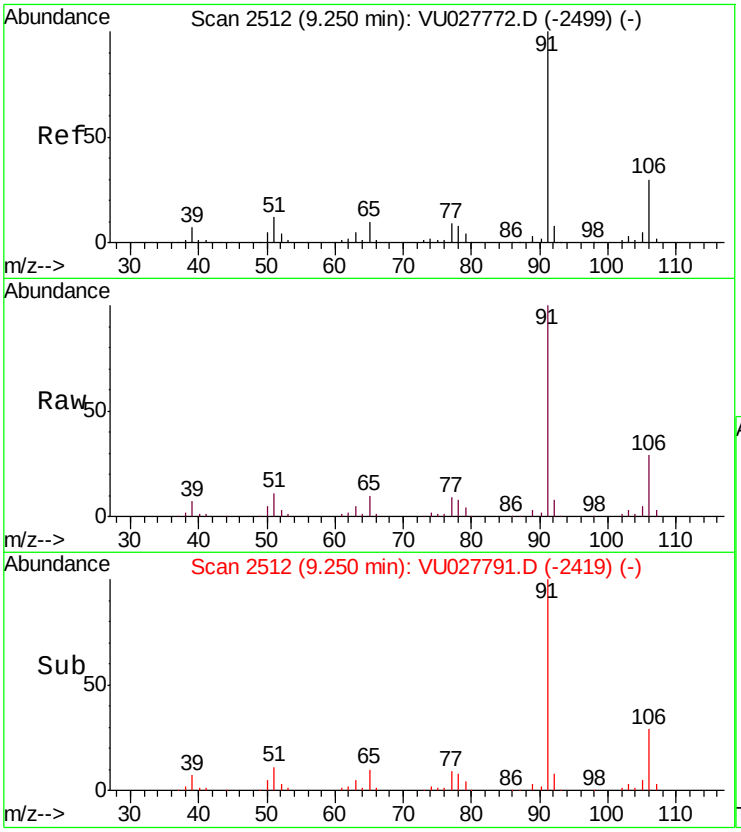


#51
Chlorobenzene
Concen: 4.974 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion:112 Resp: 41924

Ion	Ratio	Lower	Upper
112	100		
114	34.6	21.2	39.4
77	69.8	54.2	81.4



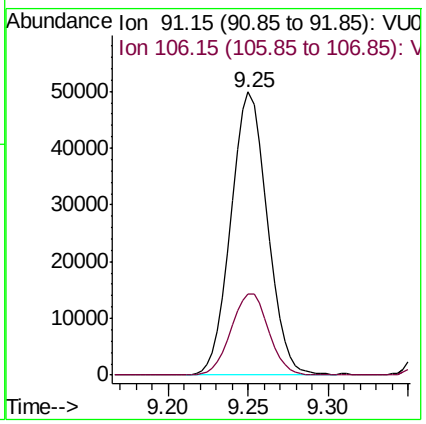


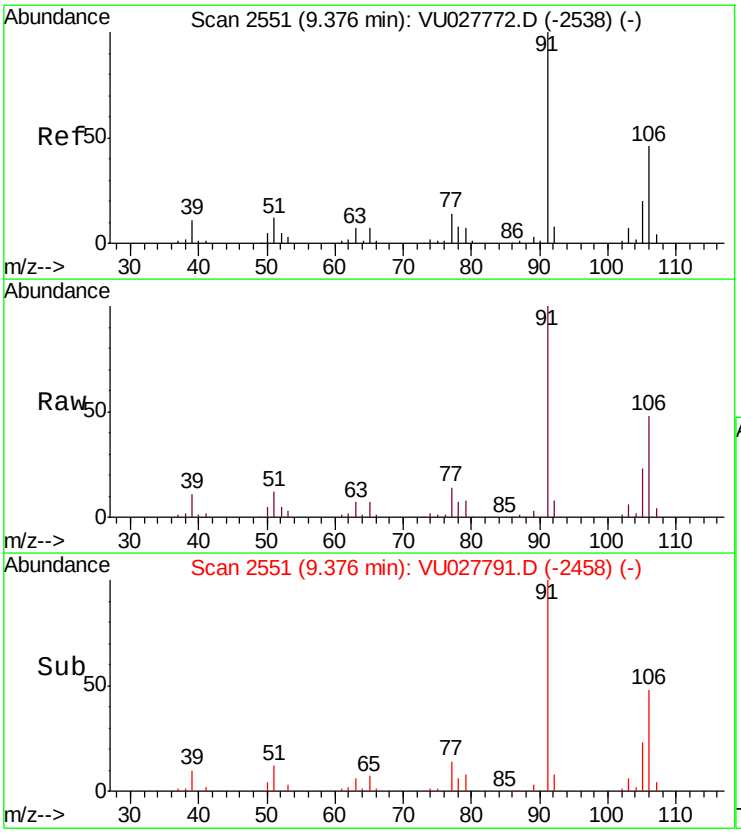
#52
Ethylbenzene
Concen: 4.884 ug/L
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion: 91 Resp: 77569

Ion	Ratio	Lower	Upper
91	100		
106	28.8	20.6	38.4

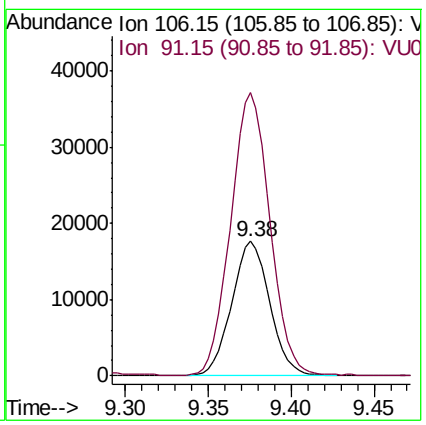


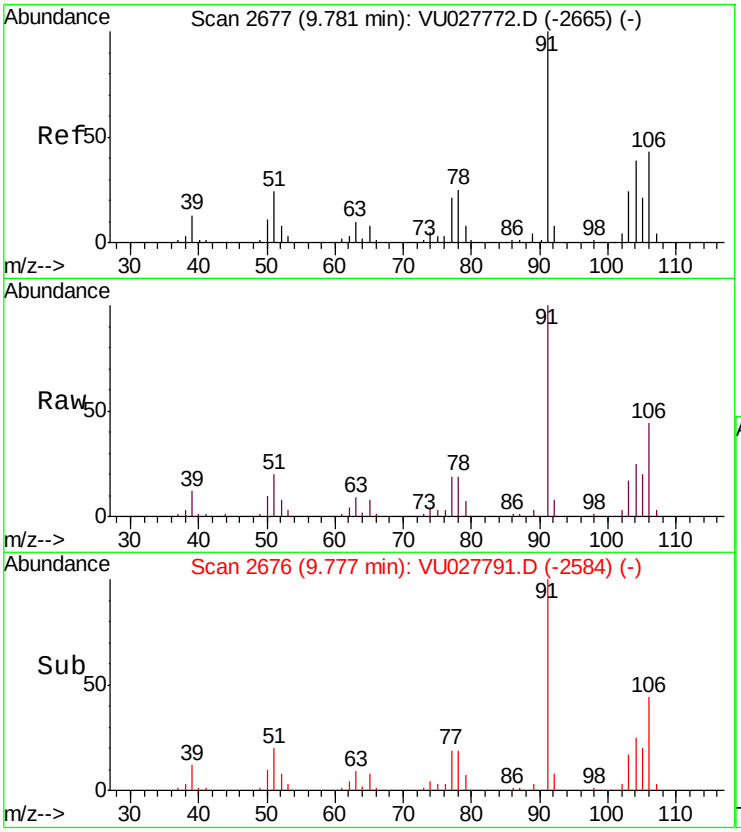


#53
m,p-xylene
Concen: 5.006 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion:106 Resp: 28159

Ion	Ratio	Lower	Upper
106	100		
91	210.3	154.1	286.3



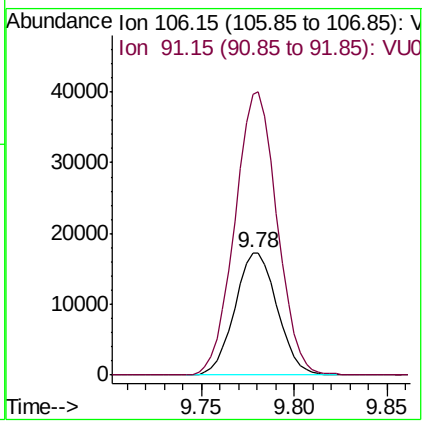


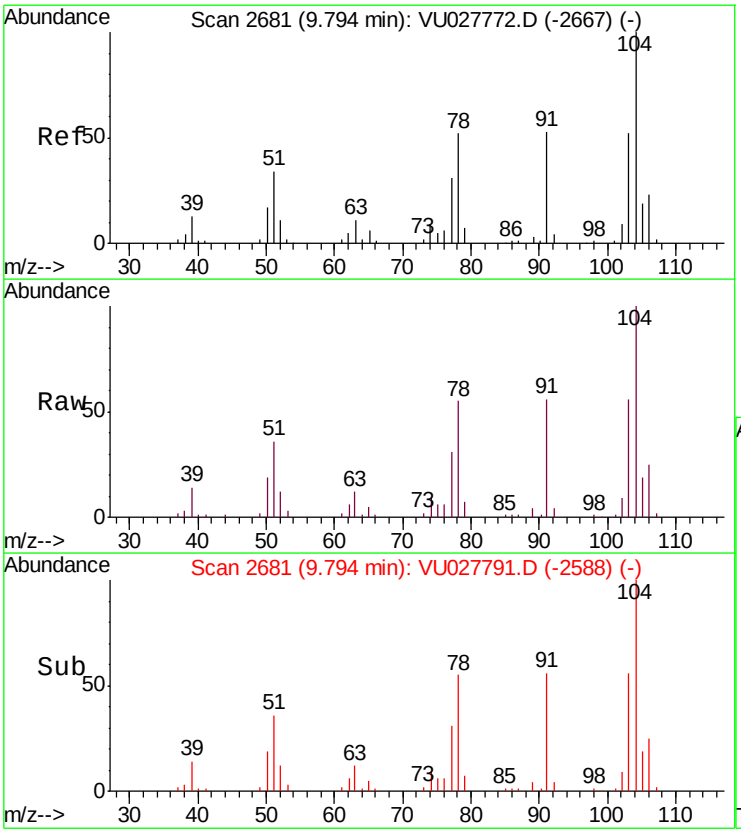
#54
o-xylene
Concen: 4.984 ug/L
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument : MSVOA_U
ClientSampleId : VSTD00502

Tgt Ion:106 Resp: 27391

Ion	Ratio	Lower	Upper
106	100		
91	229.7	161.3	299.7

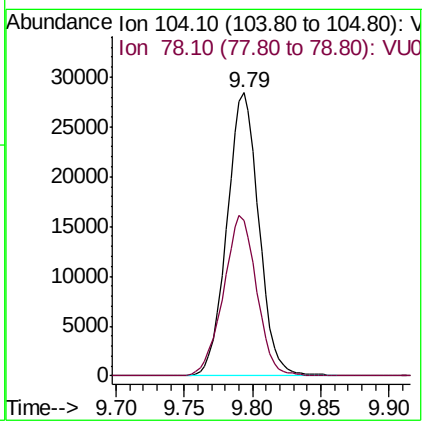


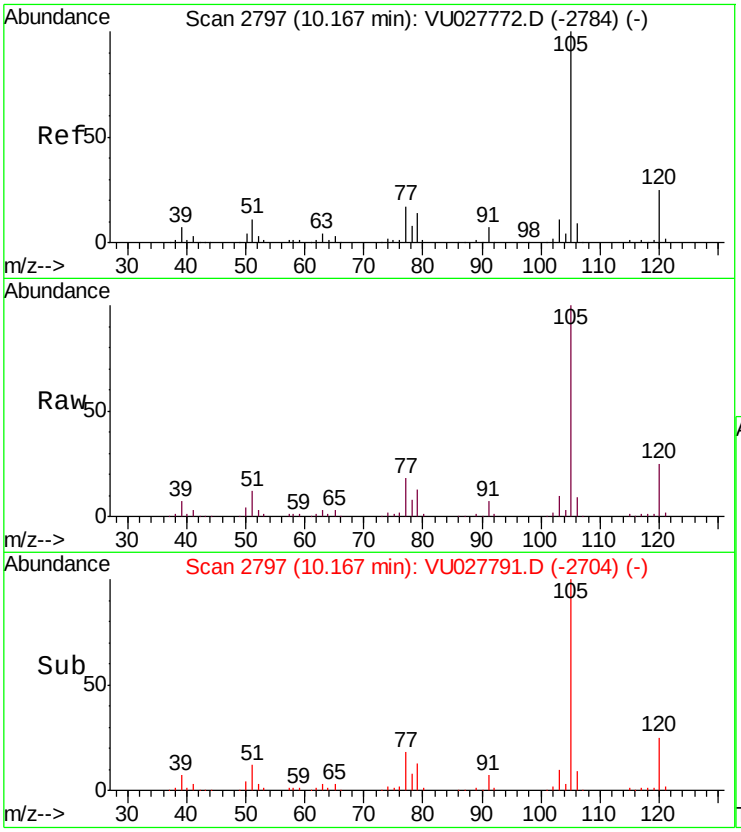


#55
Styrene
Concen: 4.952 ug/L
RT: 9.79 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion:104 Resp: 46099

Ion	Ratio	Lower	Upper
104	100		
78	55.0	36.3	67.3



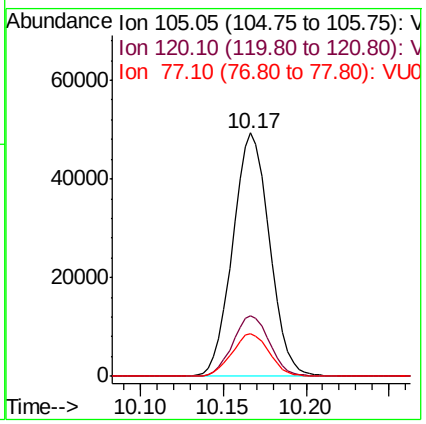


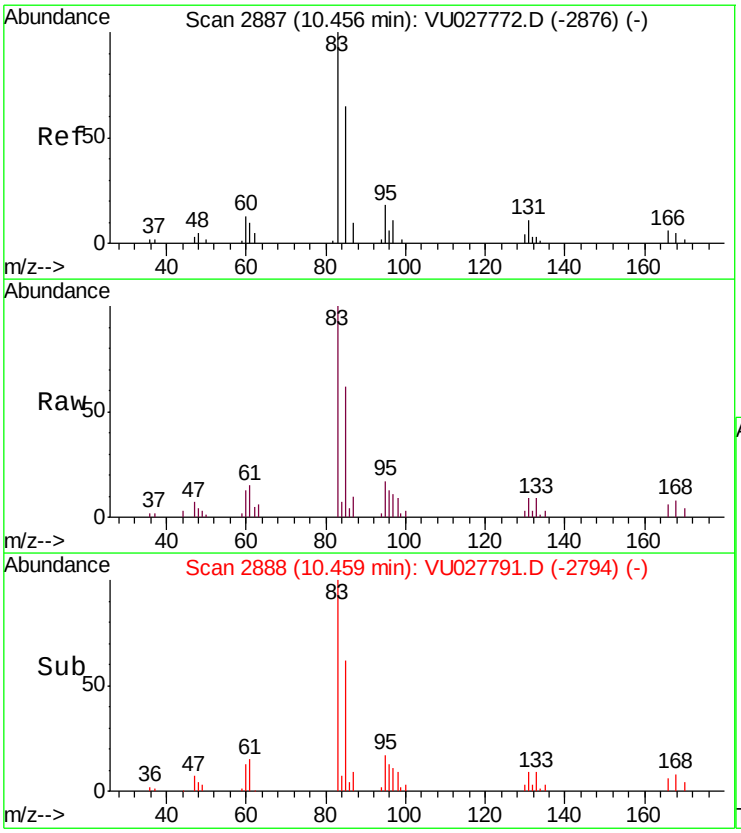
#56
Isopropylbenzene
Concen: 5.003 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument : MSVOA_U
ClientSampleId : VSTD00502

Tgt Ion:105 Resp: 76140

Ion	Ratio	Lower	Upper
105	100		
120	24.7	19.9	29.9
77	17.8	13.7	20.5

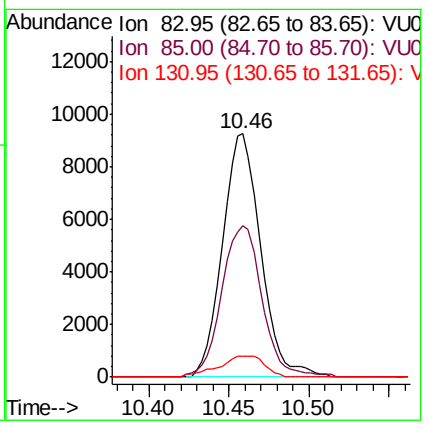


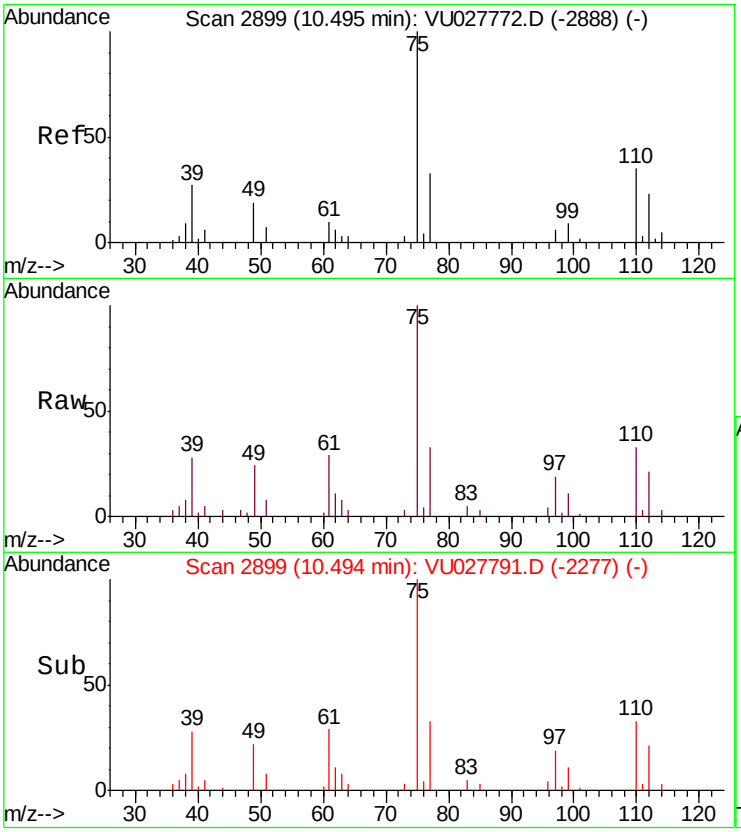


#58
1,1,2,2-Tetrachloroethane
Concen: 5.092 ug/L
RT: 10.46 min Scan# 2888
Delta R.T. 0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion: 83 Resp: 15096

Ion	Ratio	Lower	Upper
83	100		
85	62.2	45.5	84.5
131	8.6	8.8	13.2#



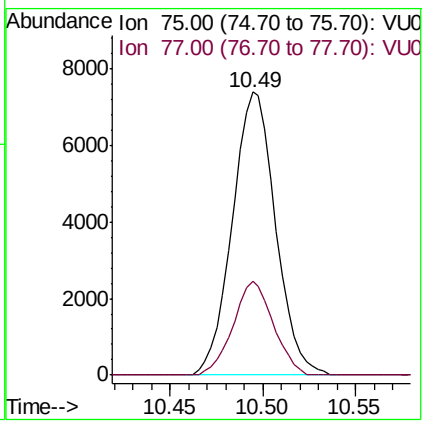


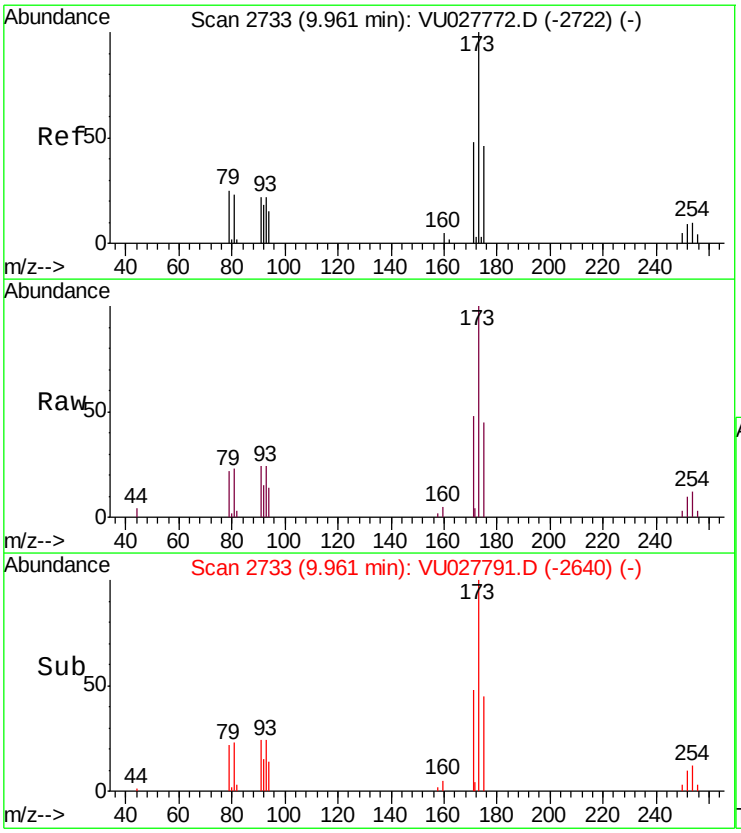
#59
1,2,3-Trichloropropane
Concen: 5.074 ug/L
RT: 10.49 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument : MSVOA_U
ClientSampleId : VSTD00502

Tgt Ion: 75 Resp: 11930

Ion	Ratio	Lower	Upper
75	100		
77	30.7	26.4	39.6

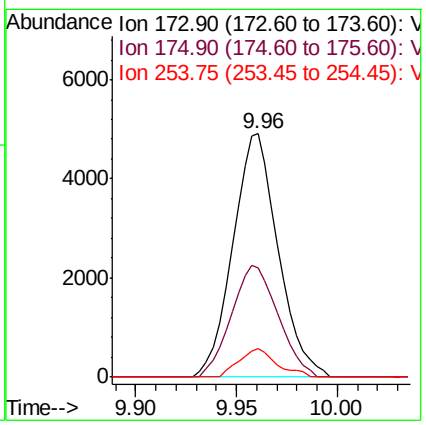


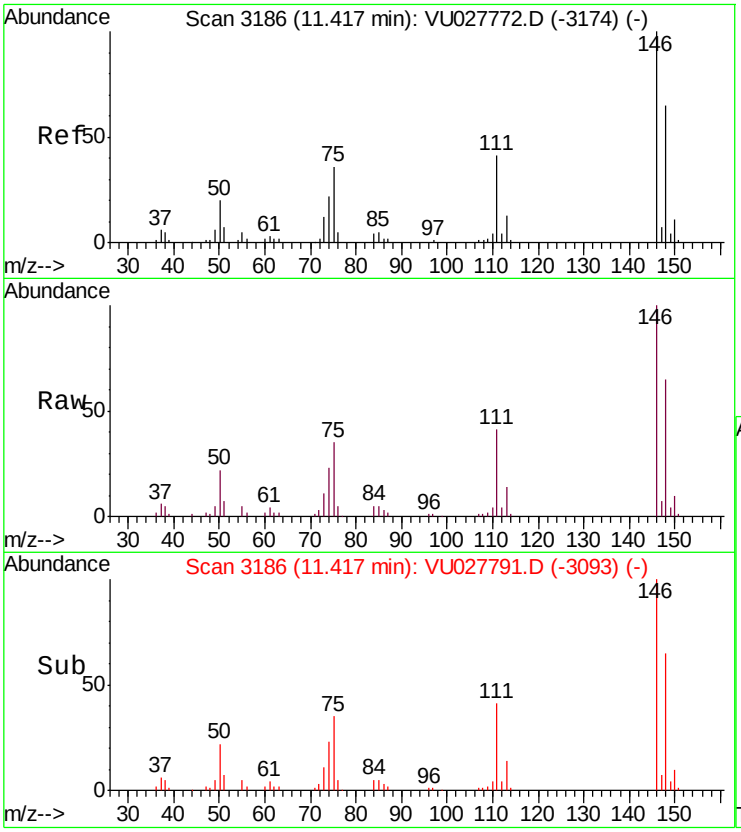


#61
Bromoform
Concen: 4.654 ug/L
RT: 9.96 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion:173 Resp: 7701

Ion	Ratio	Lower	Upper
173	100		
175	47.4	37.7	56.5
254	9.7	7.2	10.8



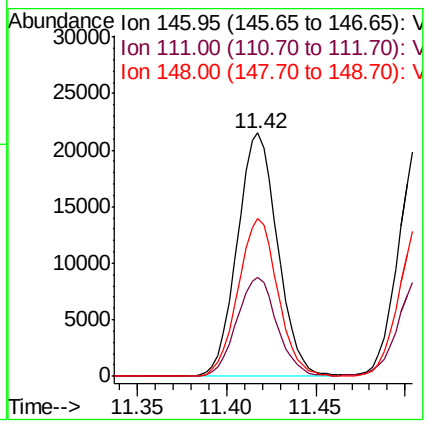


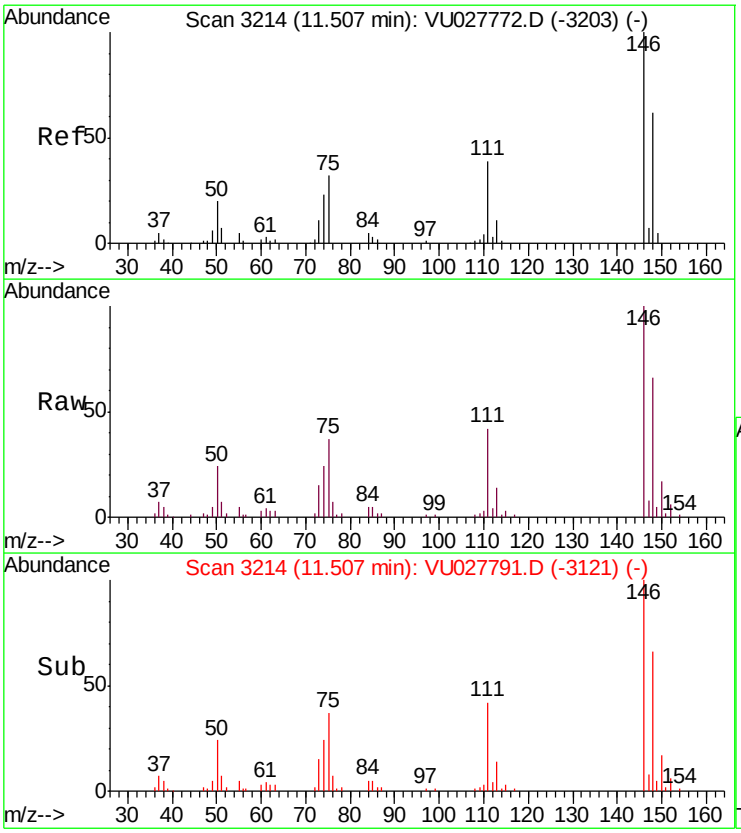
#62
1,3-Dichlorobenzene
Concen: 4.918 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion:146 Resp: 34025

Ion	Ratio	Lower	Upper
146	100		
111	40.8	28.6	53.0
148	64.7	45.1	83.9

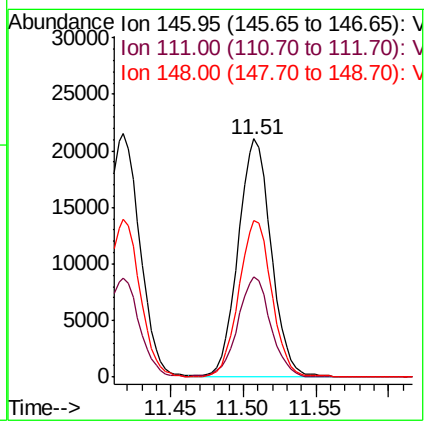


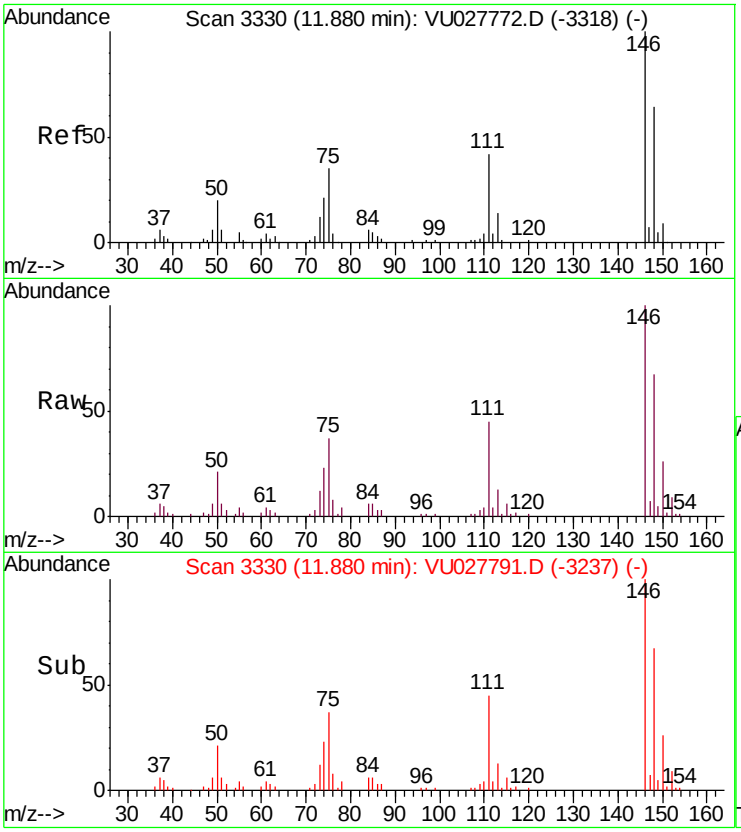


#63
1,4-Dichlorobenzene
Concen: 4.794 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion:146 Resp: 33489

Ion	Ratio	Lower	Upper
146	100		
111	41.8	27.6	51.4
148	65.9	43.3	80.3



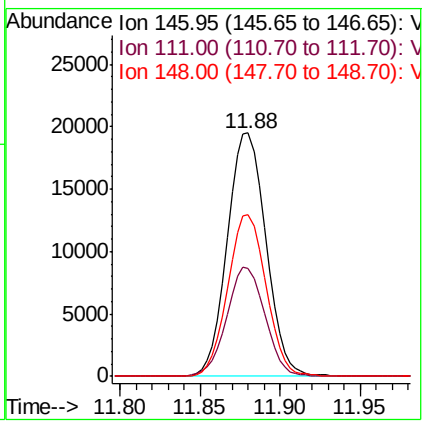


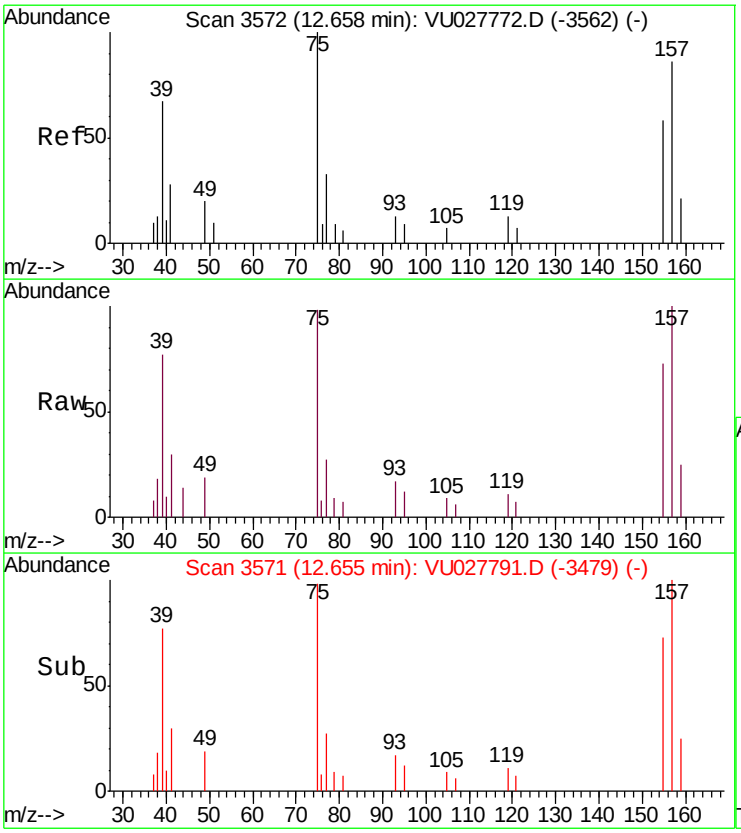
#65
1,2-Dichlorobenzene
Concen: 4.932 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument : MSVOA_U
ClientSampleId : VSTD00502

Tgt Ion:146 Resp: 32086

Ion	Ratio	Lower	Upper
146	100		
111	44.5	33.7	50.5
148	66.7	50.8	76.2

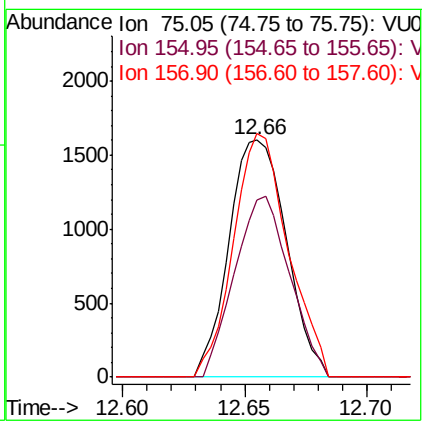


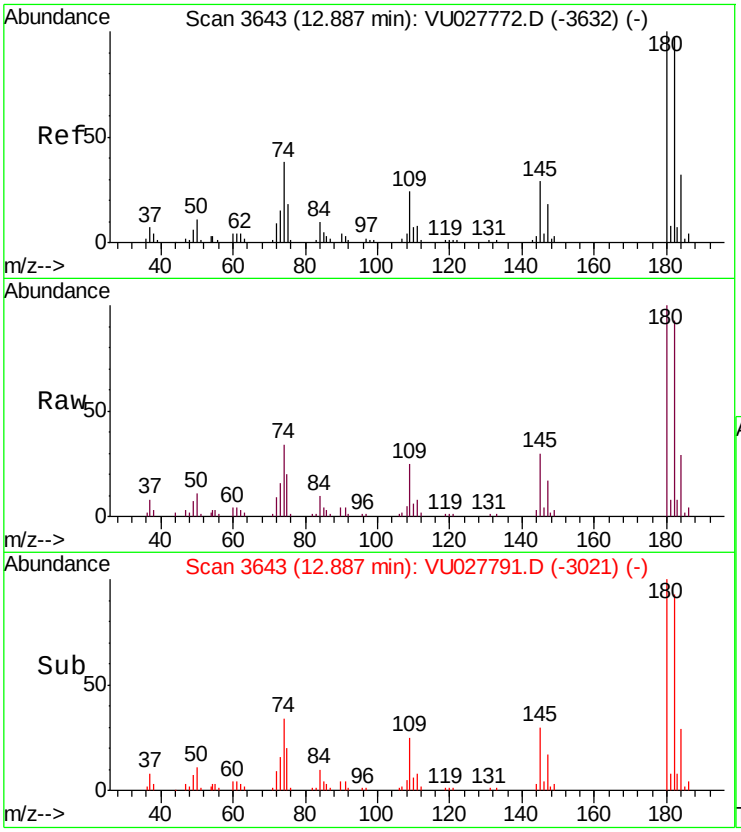


#66
1,2-Dibromo-3-chloropropane
Concen: 5.053 ug/L
RT: 12.66 min Scan# 3571
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion: 75 Resp: 2618

Ion	Ratio	Lower	Upper
75	100		
155	74.6	46.2	69.2#
157	102.5	68.9	103.3



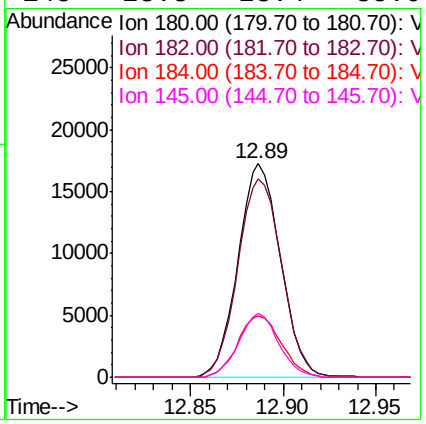


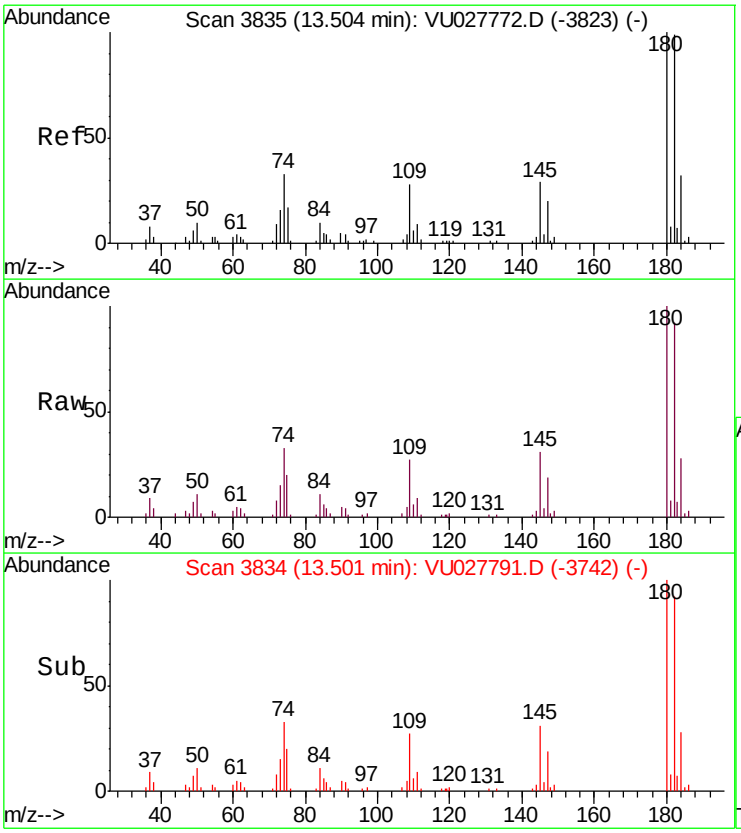
#67
1,3,5-Trichlorobenzene
Concen: 4.939 ug/L
RT: 12.89 min Scan# 3643
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion:180 Resp: 27408

Ion	Ratio	Lower	Upper
180	100		
182	96.1	78.9	118.3
184	29.4	24.6	37.0
145	28.3	23.4	35.0

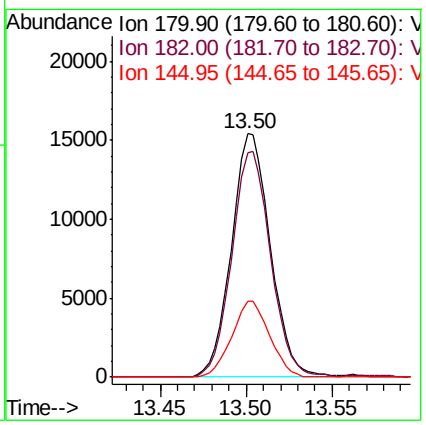


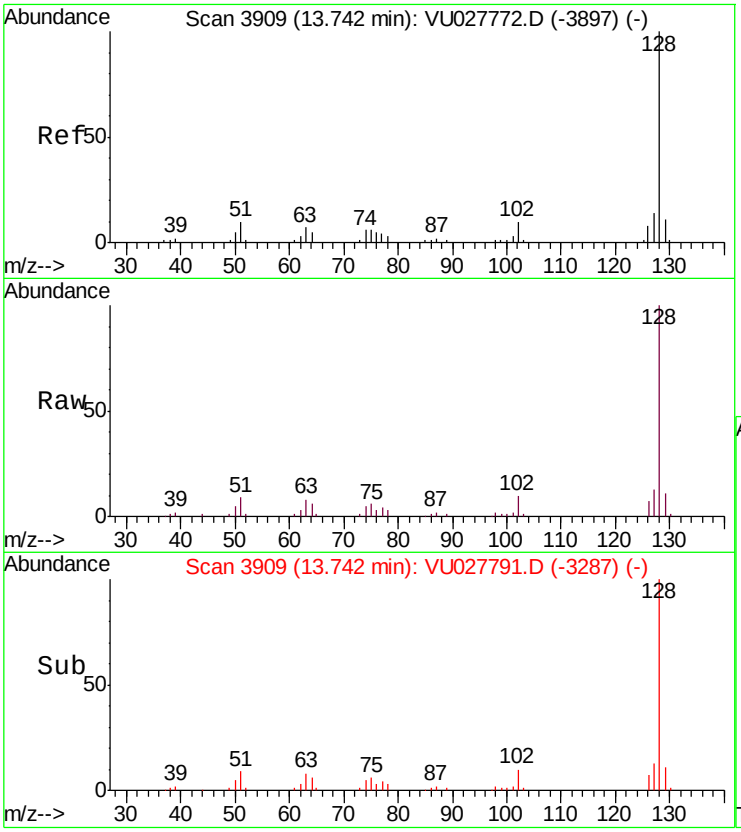


#68
1,2,4-trichlorobenzene
Concen: 5.034 ug/L
RT: 13.50 min Scan# 3834
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion:180 Resp: 24265

Ion	Ratio	Lower	Upper
180	100		
182	92.2	77.6	116.4
145	30.1	23.7	35.5



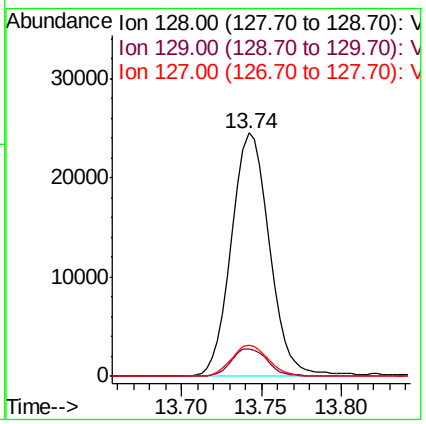


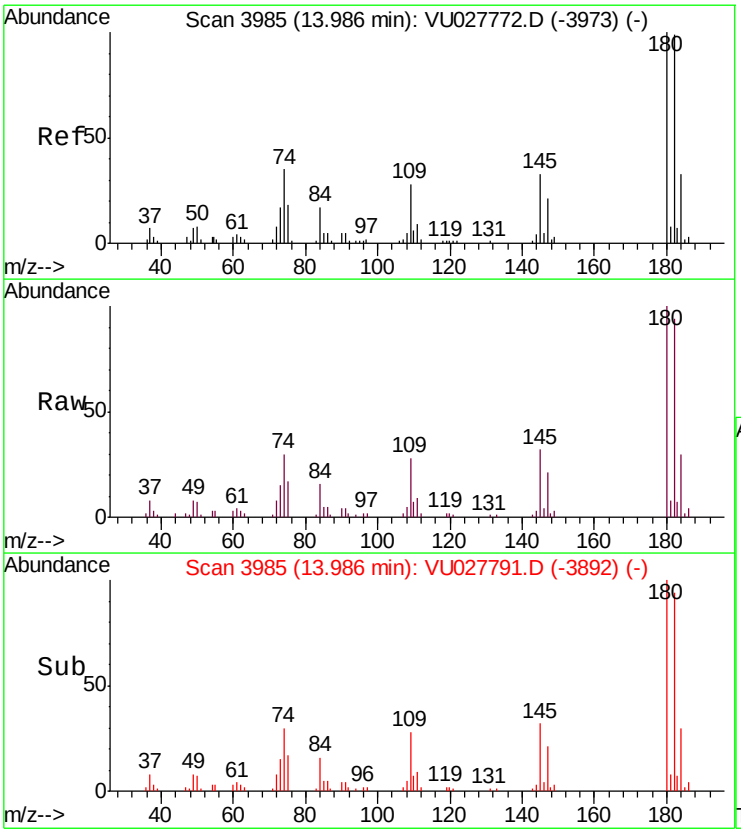
#69
Naphthalene
Concen: 5.092 ug/L
RT: 13.74 min Scan# 3909
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Instrument :
MSVOA_U
ClientSampleId :
VSTD00502

Tgt Ion:128 Resp: 39866

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.4	10.7	16.1





#70
1,2,3-Trichlorobenzene
Concen: 5.085 ug/L
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU027791.D
Acq: 24 Oct 2018 17:24

Tgt Ion:180 Resp: 22585

Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.9	115.3
145	30.9	24.6	37.0