Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102918\

Quantitation Report (Not Reviewed)

Data File : VU027863.D
Acq On : 29 Oct 2018 17:59
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05009

Quant Time: Oct 30 02:32:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 02:27:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	111893	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	107659	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52981	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	33381	38.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.68%			
7) Chloroethane-d5	1.68	69	26548	39.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.22%			
11) 1,1-Dichloroethene-d2	2.28	63	66591	42.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.94%			
21) 2-Butanone-d5	4.18	46	64567	87.03	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.03%			
24) Chloroform-d	4.65	84	67789	43.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.62%			
26) 1,2-Dichloroethane-d4	5.31	65	46392	42.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.62%			
32) Benzene-d6	5.34	84	127104	41.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.92%			
36) 1,2-Dichloropropane-d6	6.33	67	45762	41.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 83.62%			
41) Toluene-d8	7.57	98	119217	42.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.30%			
43) trans-1,3-Dichloropropene-	7.85	79	21590	40.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.24%			
47) 2-Hexanone-d5	8.31	63	48813	87.14	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.14%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60431	42.75	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.50%			
64) 1,2-Dichlorobenzene-d4	11.86	152	45911	42.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	43889	48.265	ug/L	99
3) Chloromethane	1.33	50	46329	43.492	ug/L	99
5) Vinyl chloride	1.40	62	46944	46.459	ug/L	93
6) Bromomethane	1.63	94	12904	25.327	ug/L	98
8) Chloroethane	1.70	64	26437	48.475	ug/L	100
9) Trichlorofluoromethane	1.89	101	61826	50.783	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	32418	48.626	ug/L	100
12) 1,1-Dichloroethene	2.29	96	30565	49.023	ug/L	92
13) Acetone	2.32	43	46477	89.933	ug/L	99
14) Carbon disulfide	2.48	76	100252	46.178	ug/L	99
15) Methyl Acetate	2.62	43	53690	49.366	ug/L	99
16) Methylene chloride	2.70	84	38604	50.124	ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	34214	49.608	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	129483	50.228	ug/L	99
19) 1,1-Dichloroethane	3.45	63	76139	50.872	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	41836	51.275	ug/L	94
22) 2-Butanone	4.26	43	76435	99.398	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102918\

Quantitation Report (Not Reviewed)

Data File : VU027863.D
Acq On : 29 Oct 2018 17:59
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05009

Quant Time: Oct 30 02:32:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 02:27:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	19776	51.908 ug/L	94
25) Chloroform	4.68	83	75789	52.181 ug/L	97
27) 1,2-Dichloroethane	5.41	62	64309	51.019 ug/L	100
29) Cyclohexane	5.00	56	73153	47.405 ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	65026	49.830 ug/L	99
31) Carbon tetrachloride	5.14	117	55578	47.328 ug/L	98
33) Benzene	5.39	78	160331	50.061 ug/L	100
34) Trichloroethene	6.19	95	40584	50.617 ug/L	96
35) Methylcyclohexane	6.42	83	66777	48.157 ug/L	98
37) 1,2-Dichloropropane	6.43	63	47680	50.386 ug/L	100
38) Bromodichloromethane	6.76	83	58597	49.830 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	70305	48.251 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	150360	98.865 ug/L	99
42) Toluene	7.64	91	167387	49.905 ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	65350	47.413 ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	40391	51.675 ug/L	98
46) Tetrachloroethene	8.23	164	31102	50.230 ug/L	96
48) 2-Hexanone	8.36	43	115279	97.740 ug/L	96
49) Dibromochloromethane	8.48	129	44471	48.015 ug/L	97
50) 1,2-Dibromoethane	8.59	107	42705	51.189 ug/L	98
51) Chlorobenzene	9.12	112	102541	49.866 ug/L	99
52) Ethylbenzene	9.25	91	190051	50.092 ug/L	99
53) m,p-Xylene	9.38	106	67716	49.406 ug/L	97
54) o-xylene	9.78	106	69042	50.535 ug/L	99
55) Styrene	9.79	104	116604	50.142 ug/L	97
56) Isopropylbenzene	10.17	105	184780	51.069 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	70613	50.802 ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	55271	49.422 ug/L	98
61) Bromoform	9.96	173	33153	46.942 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	80559	50.709 ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	82697	51.050 ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	82017	50.194 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	16000	46.993 ug/L	95
67) 1,3,5-Trichlorobenzene	12.89	180	61029	49.670 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	56633	51.919 ug/L	100
69) Naphthalene	13.74	128	181722	51.581 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	58427	51.251 ug/L	99

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

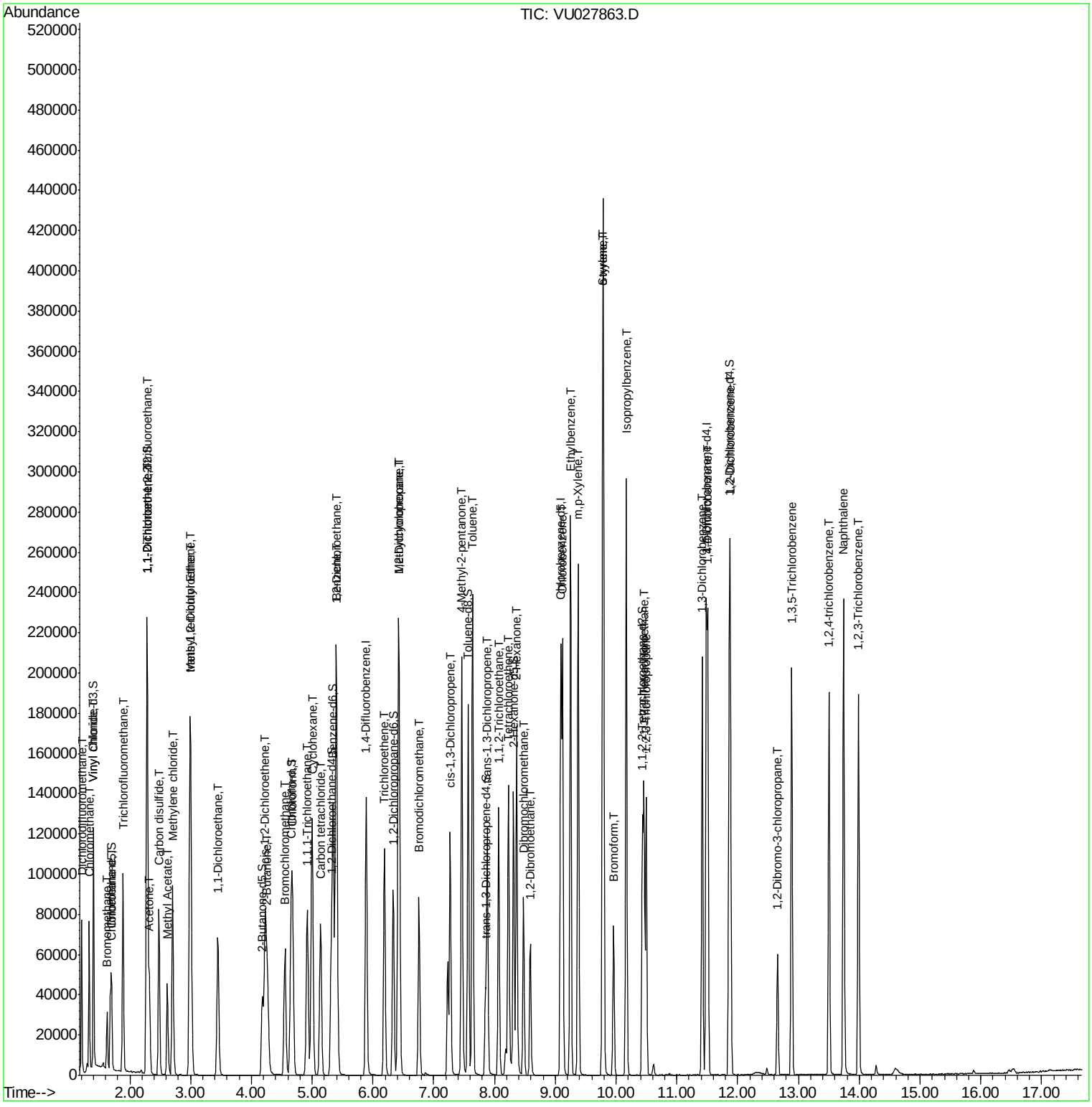
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102918\

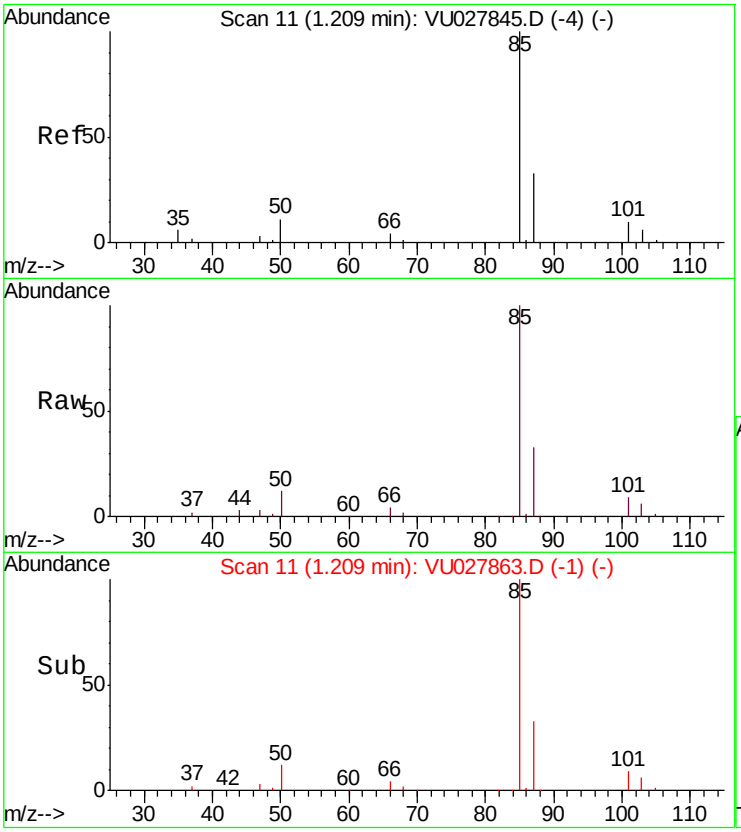
Quantitation Report (Not Reviewed)

Data File : VU027863.D
Acq On : 29 Oct 2018 17:59
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05009

Quant Time: Oct 30 02:32:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 02:27:31 2018
Response via : Initial Calibration



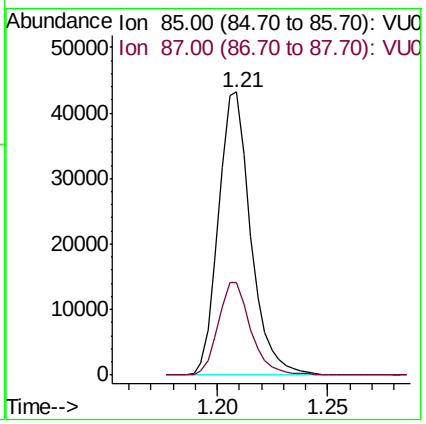


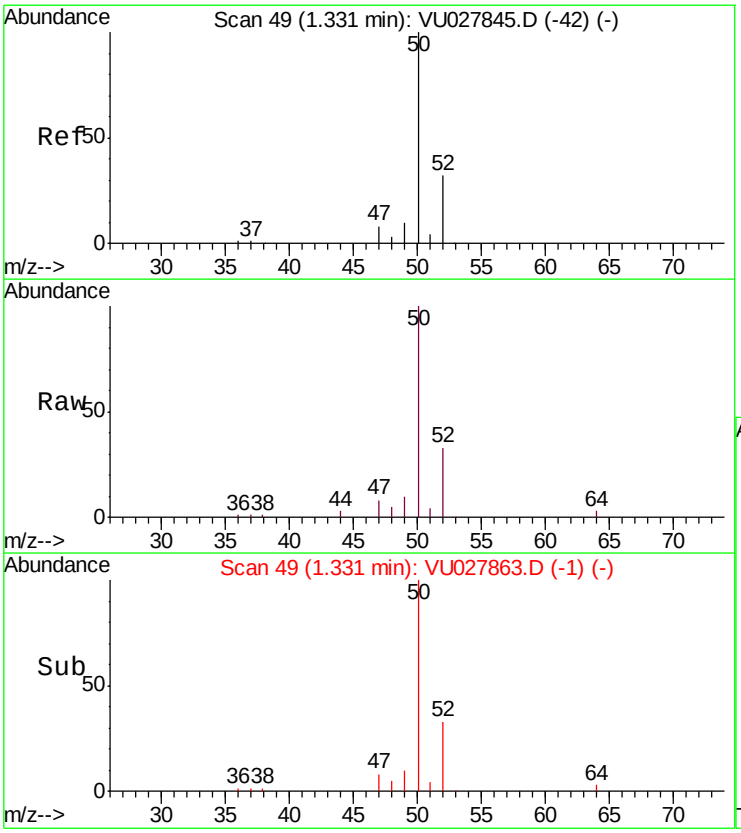
#2
Dichlorodifluoromethane
Concen: 48.265 ug/L
RT: 1.21 min Scan# 11
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion: 85 Resp: 43889

Ion	Ratio	Lower	Upper
85	100		
87	33.0	26.0	39.0

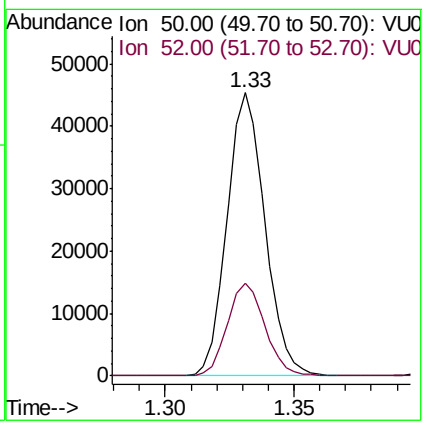


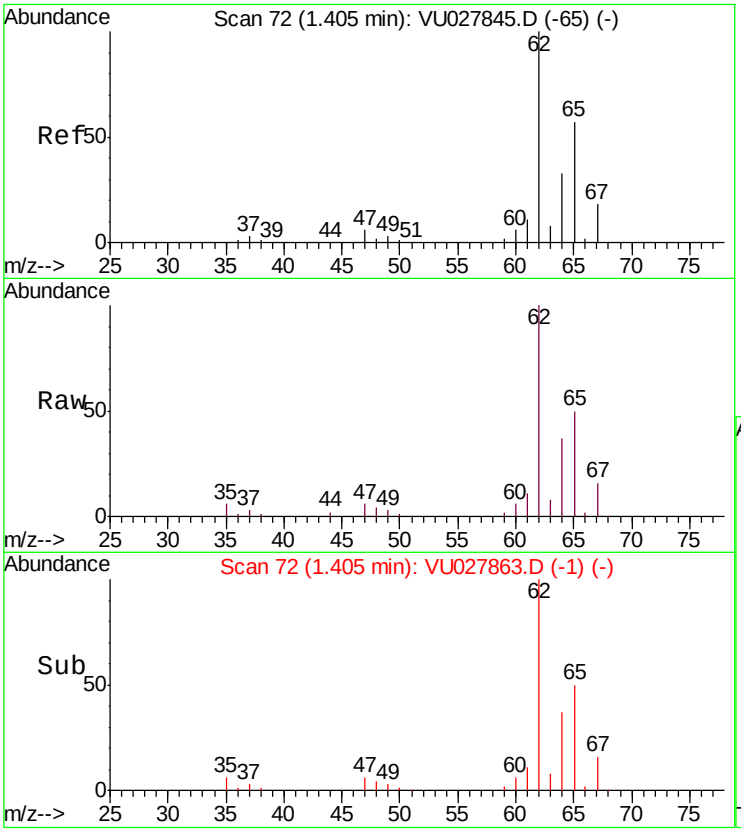


#3
Chloromethane
Concen: 43.492 ug/L
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion: 50 Resp: 46329

Ion	Ratio	Lower	Upper
50	100		
52	32.7	22.3	41.5



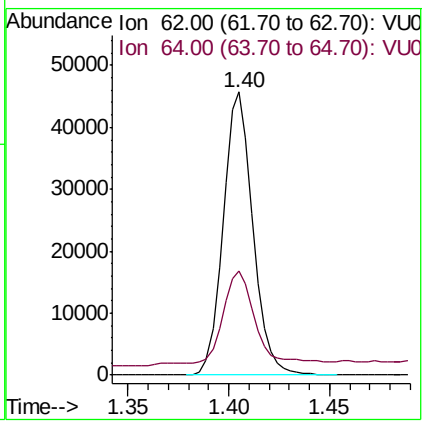


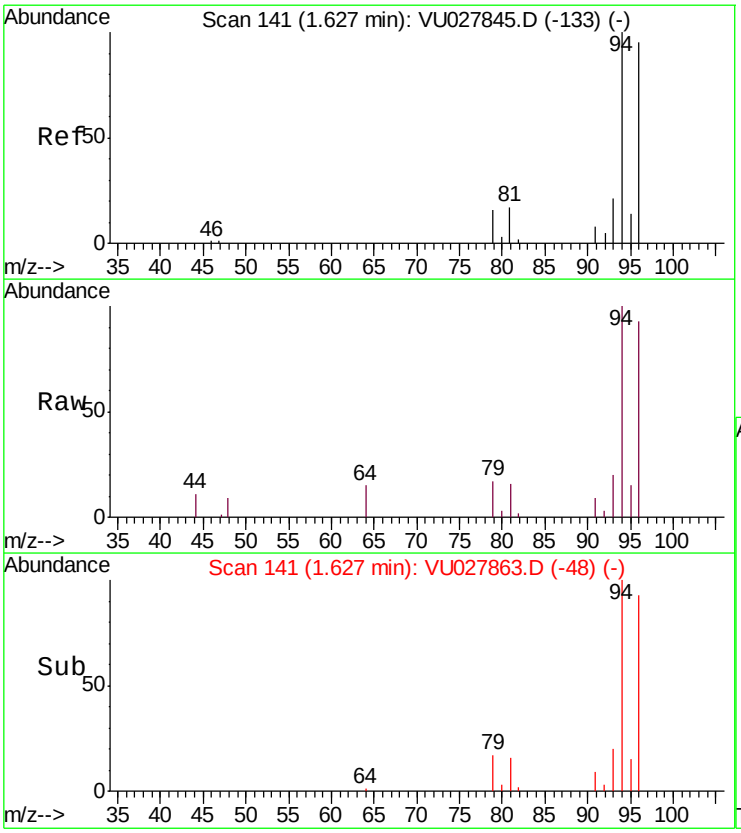
#5
Vinyl chloride
Concen: 46.459 ug/L
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion: 62 Resp: 46944

Ion	Ratio	Lower	Upper
62	100		
64	36.6	23.0	42.8

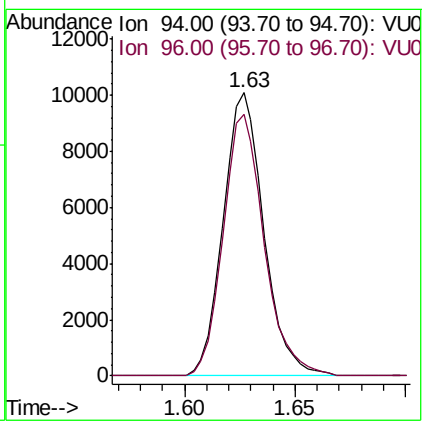


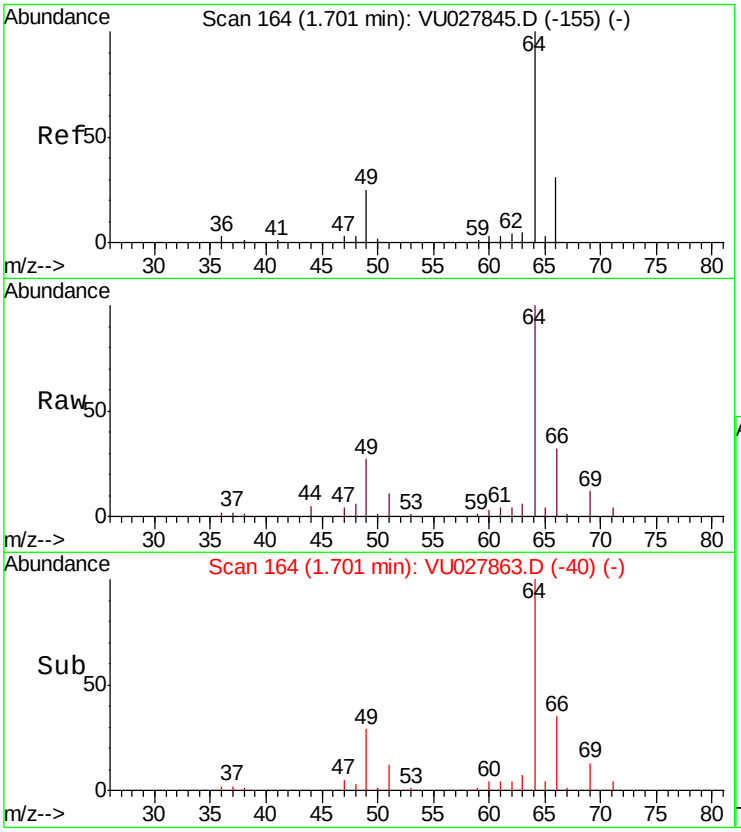


#6
Bromomethane
Concen: 25.327 ug/L
RT: 1.63 min Scan# 141
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion: 94 Resp: 12904

Ion	Ratio	Lower	Upper
94	100		
96	92.6	66.2	123.0



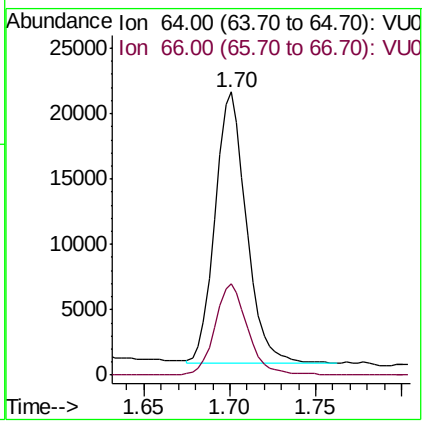


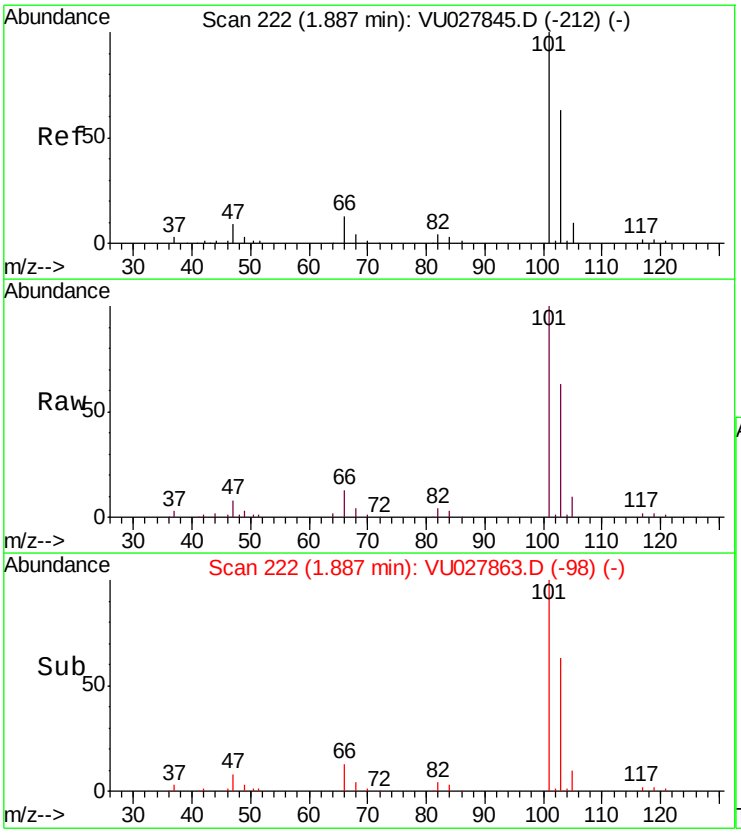
#8
Chloroethane
Concen: 48.475 ug/L
RT: 1.70 min Scan# 164
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument : MSVOA_U
ClientSampleId : VSTD05009

Tgt Ion: 64 Resp: 26437

Ion	Ratio	Lower	Upper
64	100		
66	32.2	22.6	42.0

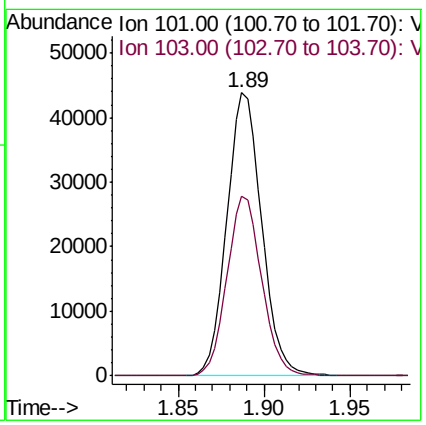


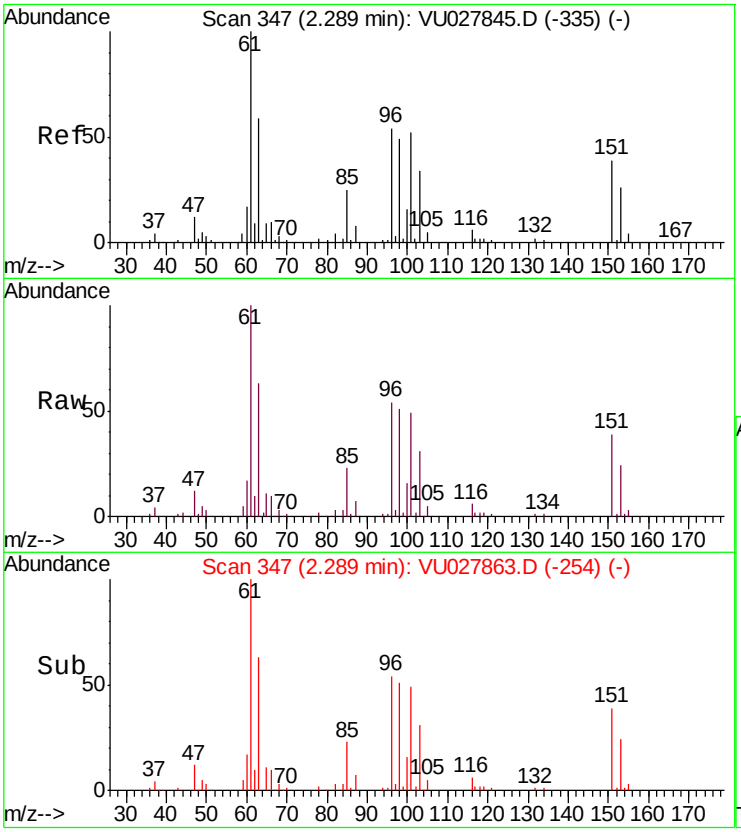


#9
Trichlorofluoromethane
Concen: 50.783 ug/L
RT: 1.89 min Scan# 222
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion:101 Resp: 61826

Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.0	76.4



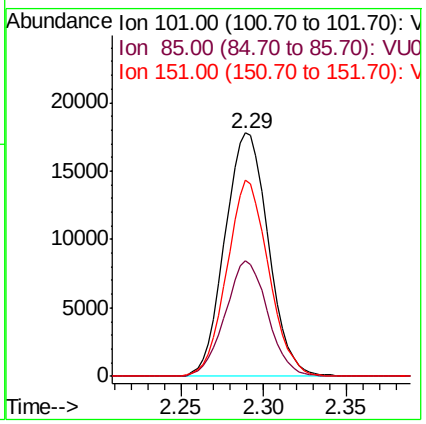


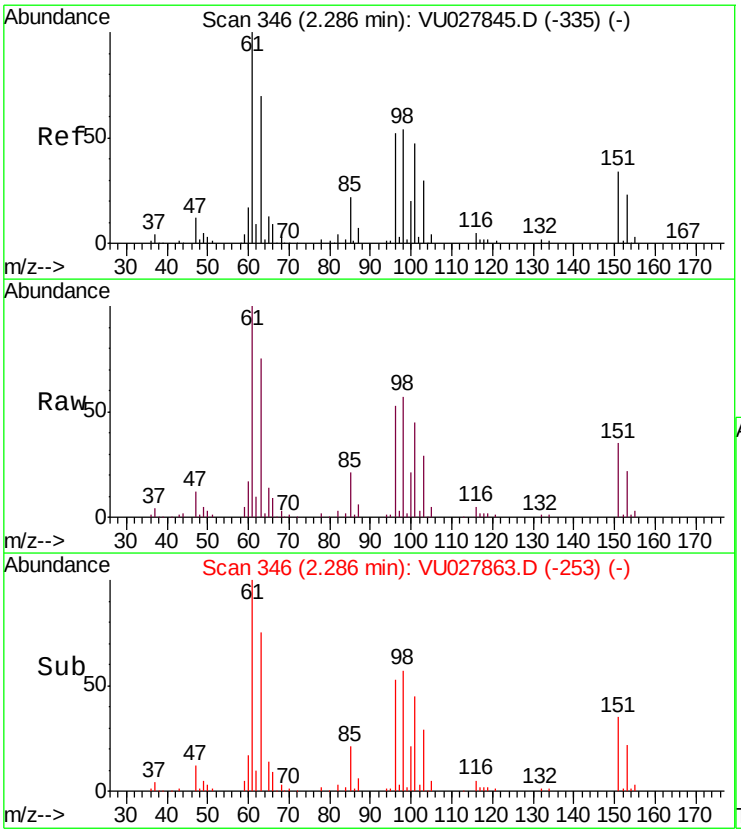
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.626 ug/L
RT: 2.29 min Scan# 347
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion:101 Resp: 32418

Ion	Ratio	Lower	Upper
101	100		
85	46.5	36.7	55.1
151	77.4	62.0	93.0

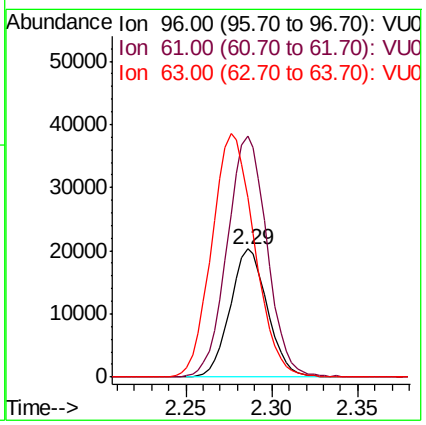


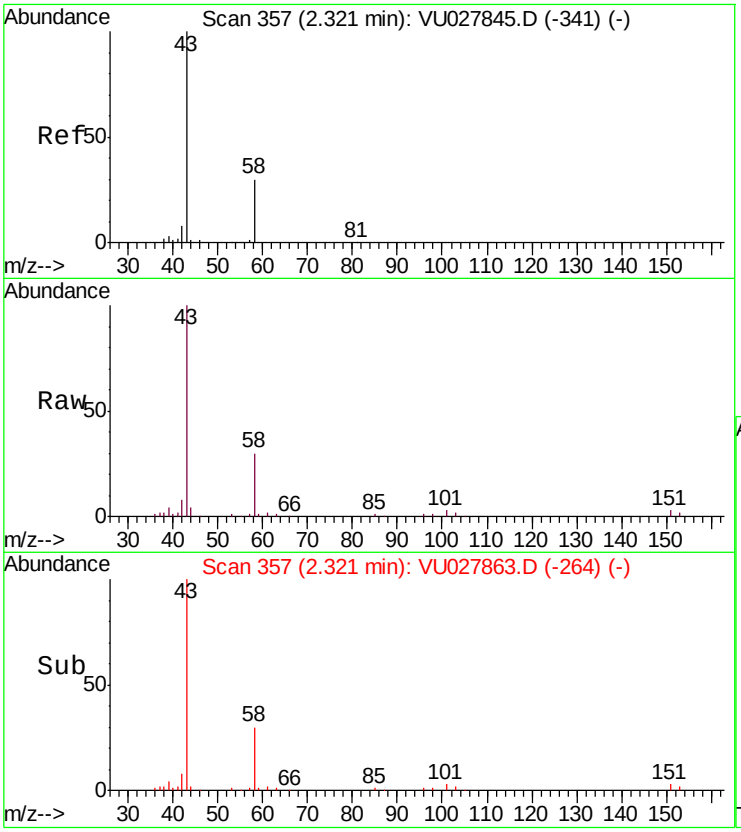


#12
1,1-Dichloroethene
Concen: 49.023 ug/L
RT: 2.29 min Scan# 346
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion: 96 Resp: 30565

Ion	Ratio	Lower	Upper
96	100		
61	188.4	137.3	255.1
63	140.6	109.8	204.0



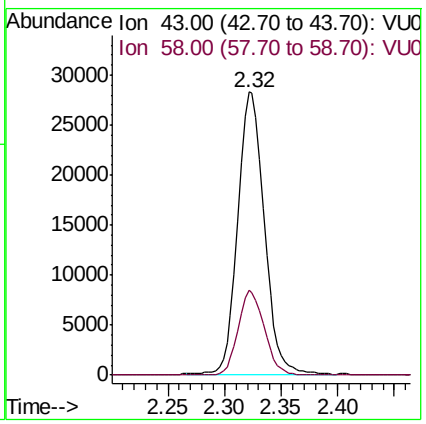


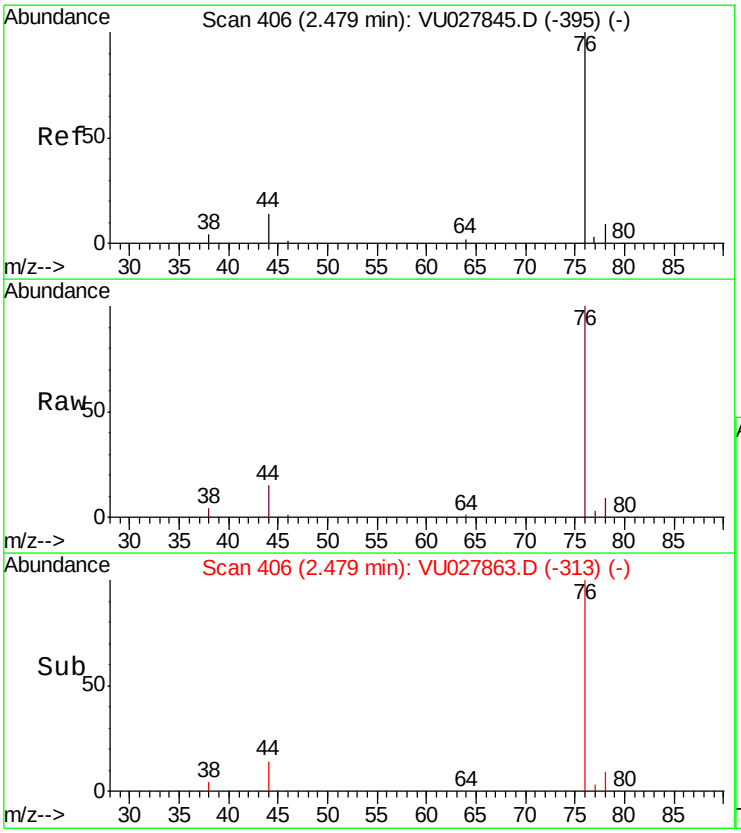
#13
Acetone
Concen: 89.933 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion: 43 Resp: 46477

Ion	Ratio	Lower	Upper
43	100		
58	29.1	0.0	57.4

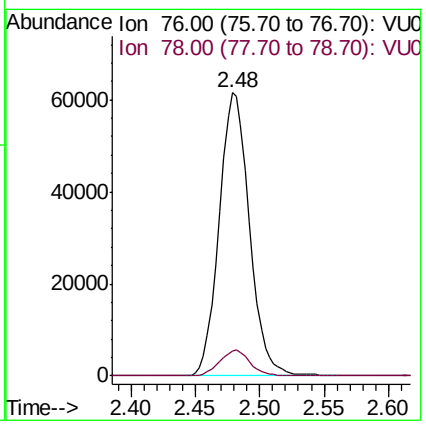


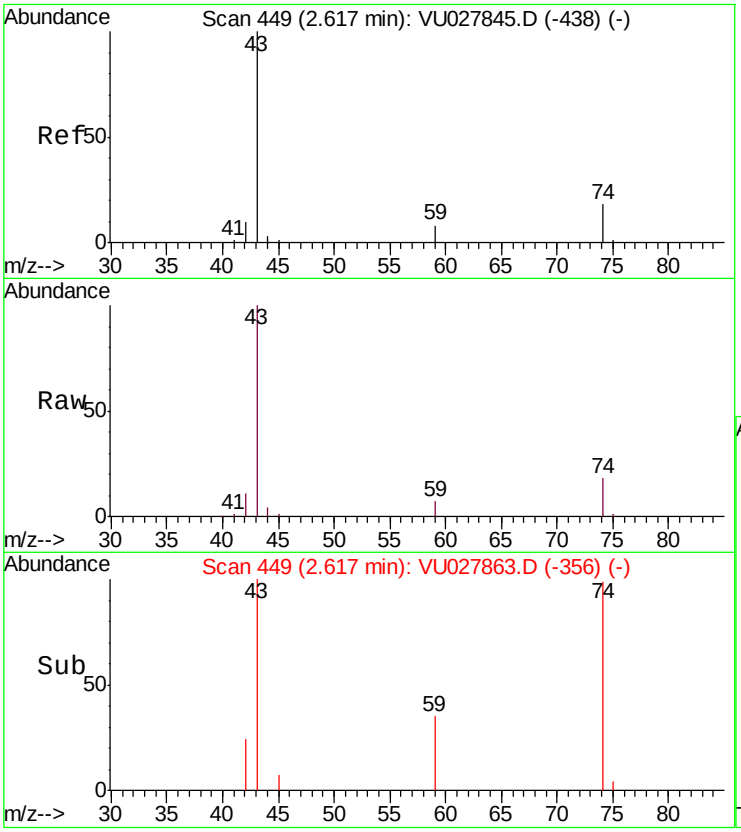


#14
Carbon disulfide
Concen: 46.178 ug/L
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion: 76 Resp: 100252

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3



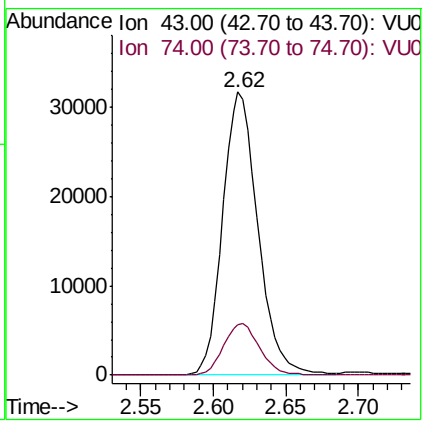


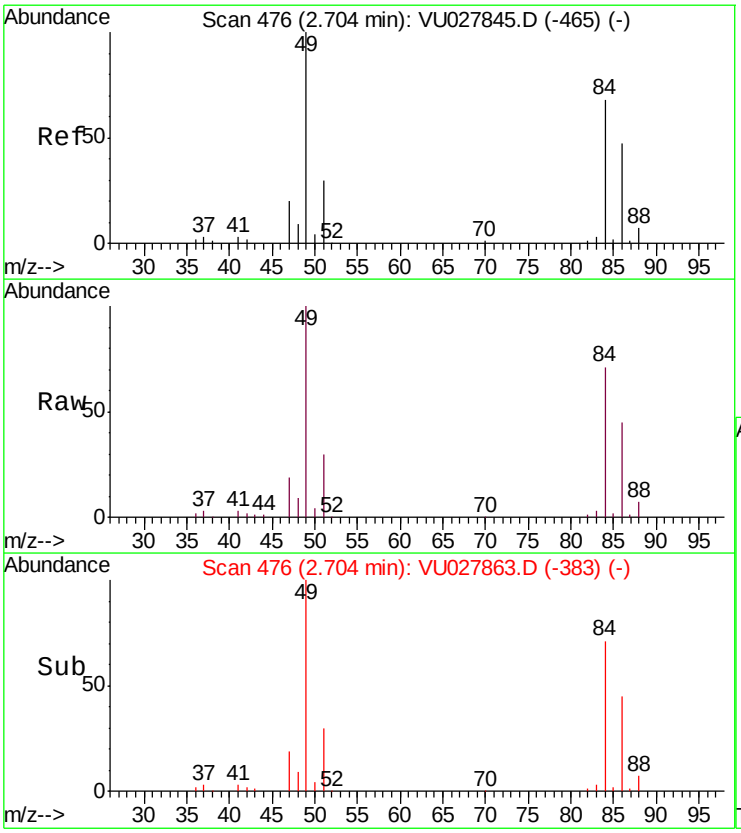
#15
Methyl Acetate
Concen: 49.366 ug/L
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion: 43 Resp: 53690

Ion	Ratio	Lower	Upper
43	100		
74	18.5	15.1	22.7

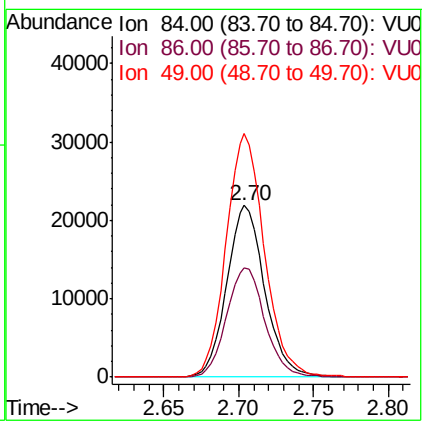


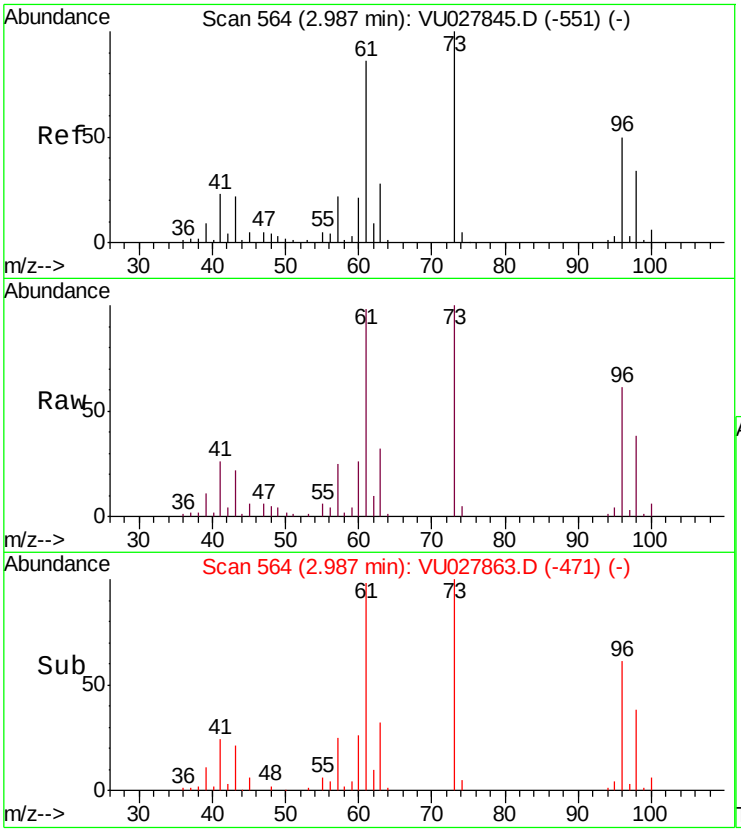


#16
Methylene chloride
Concen: 50.124 ug/L
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion: 84 Resp: 38604

Ion	Ratio	Lower	Upper
84	100		
86	63.9	42.8	79.6
49	141.6	100.0	185.6



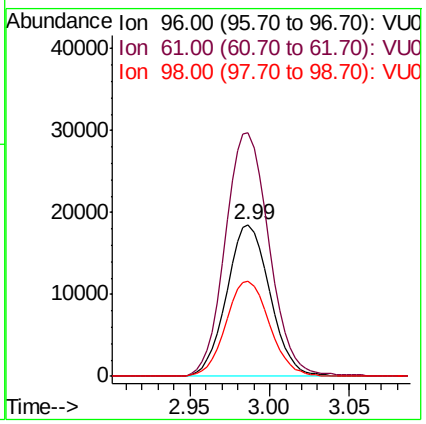


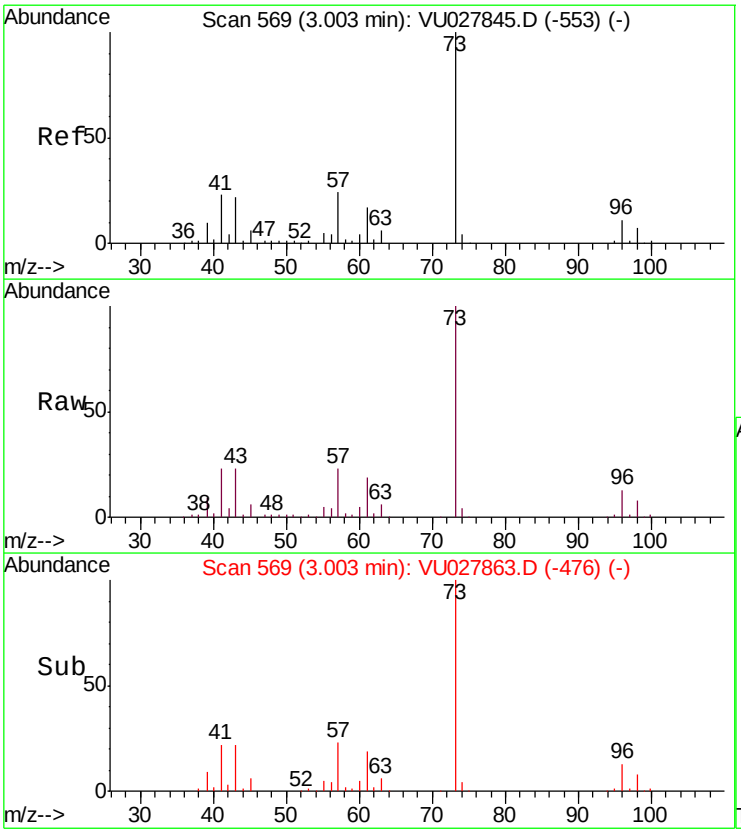
#17
trans-1,2-Dichloroethene
Concen: 49.608 ug/L
RT: 2.99 min Scan# 564
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion: 96 Resp: 34214

Ion	Ratio	Lower	Upper
96	100		
61	160.5	114.7	212.9
98	62.6	42.2	78.4

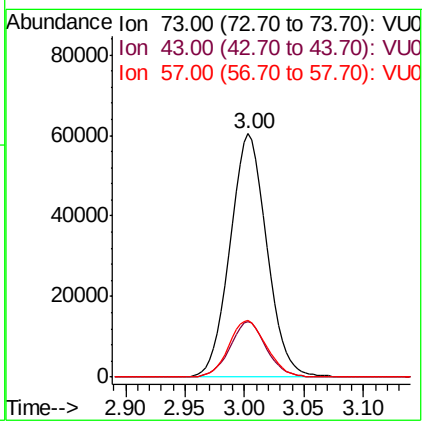


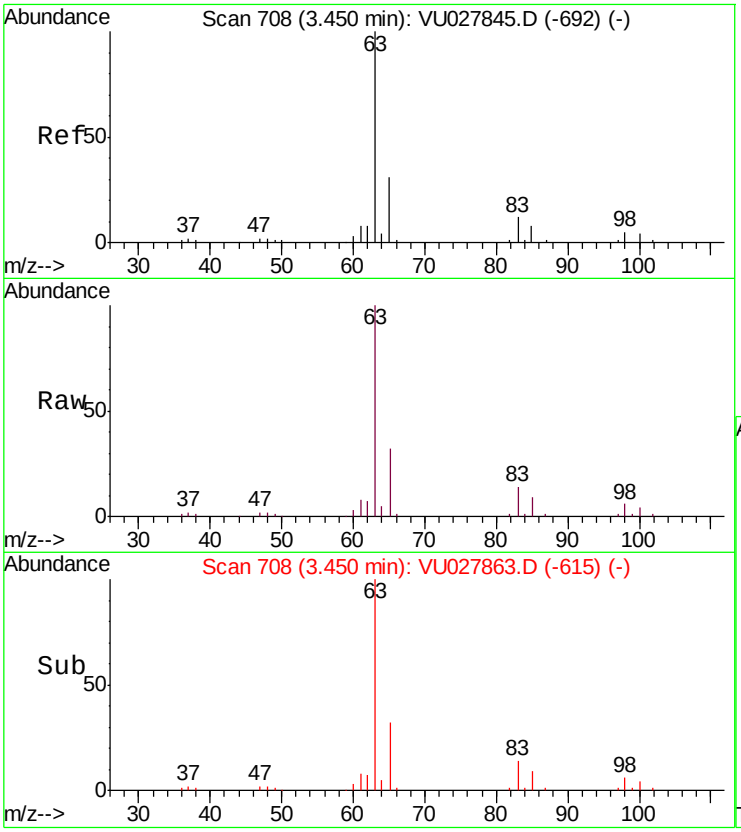


#18
Methyl tert-butyl Ether
Concen: 50.228 ug/L
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion: 73 Resp: 129483

Ion	Ratio	Lower	Upper
73	100		
43	22.4	18.3	27.5
57	23.8	18.6	28.0



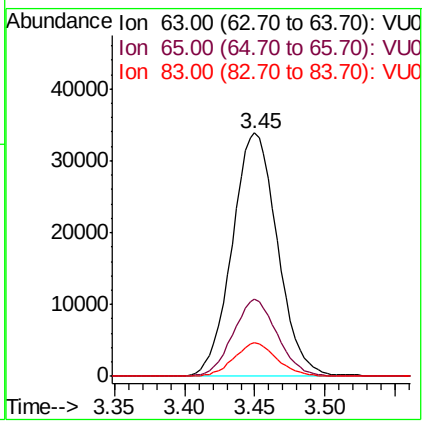


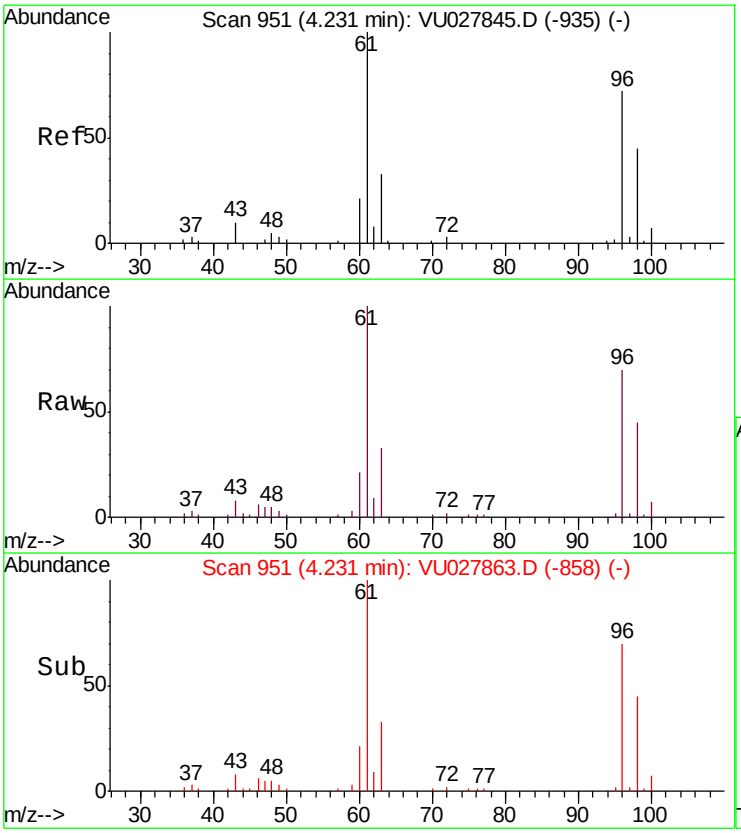
#19
1,1-Dichloroethane
Concen: 50.872 ug/L
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument : MSVOA_U
ClientSampleId : VSTD05009

Tgt Ion: 63 Resp: 76139

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.2	41.2
83	13.9	9.2	17.2

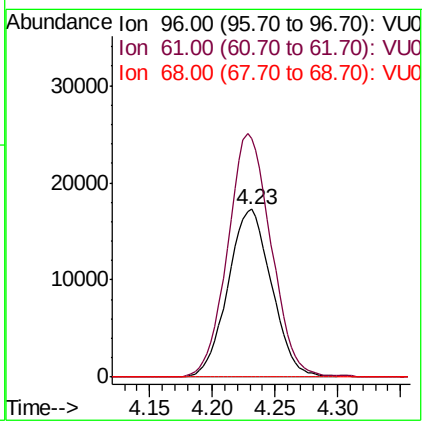


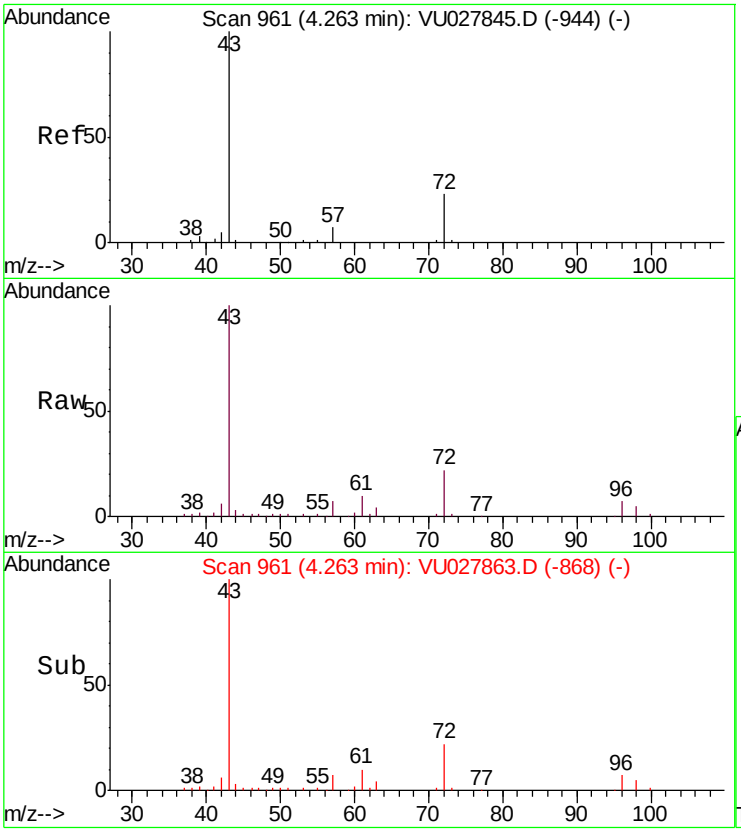


#20
cis-1,2-Dichloroethene
Concen: 51.275 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion: 96 Resp: 41836

Ion	Ratio	Lower	Upper
96	100		
61	141.8	104.2	193.4
68	0.0	0.0	0.0



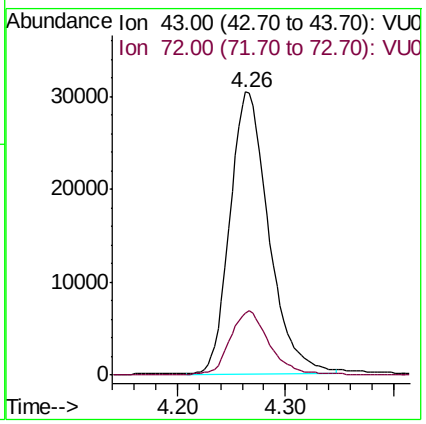


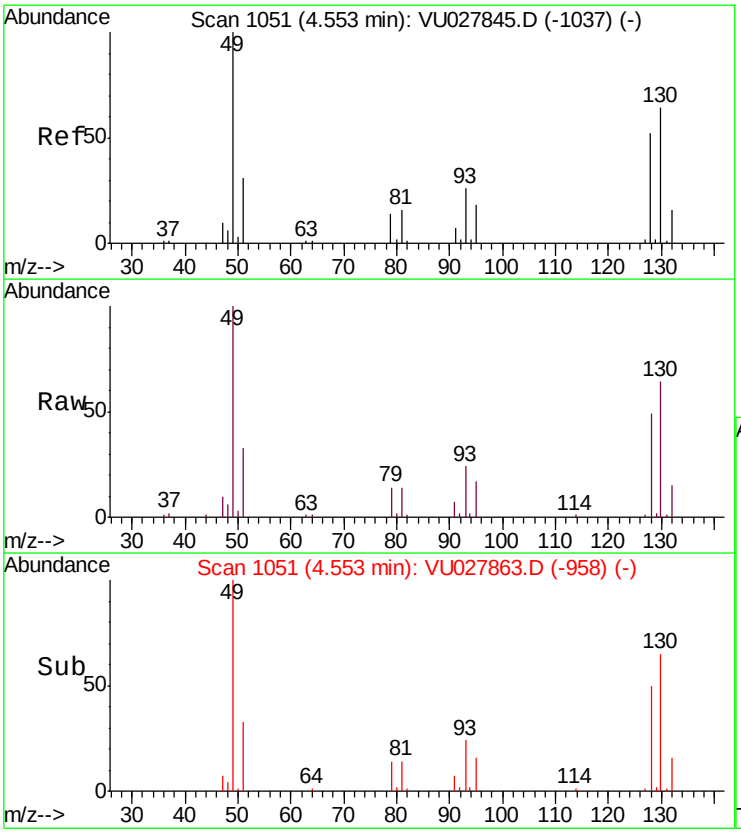
#22
2-Butanone
Concen: 99.398 ug/L
RT: 4.26 min Scan# 961
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion: 43 Resp: 76435

Ion	Ratio	Lower	Upper
43	100		
72	23.1	11.2	33.5

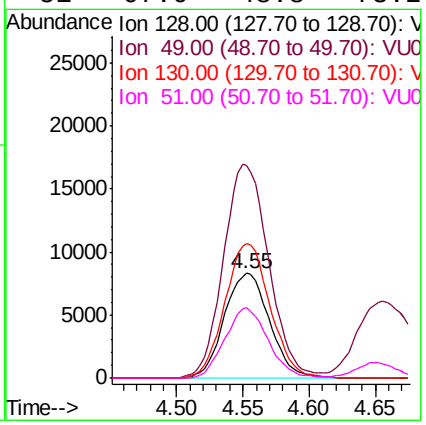


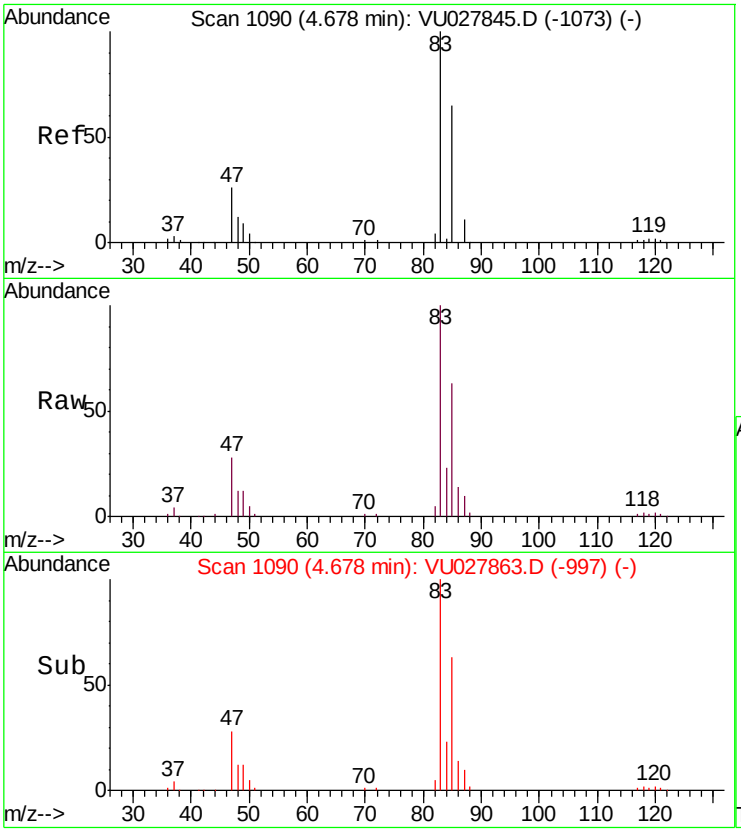


#23
Bromochloromethane
Concen: 51.908 ug/L
RT: 4.55 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion:128 Resp: 19776

Ion	Ratio	Lower	Upper
128	100		
49	202.9	136.2	253.0
130	128.8	86.0	159.6
51	67.0	48.8	73.2



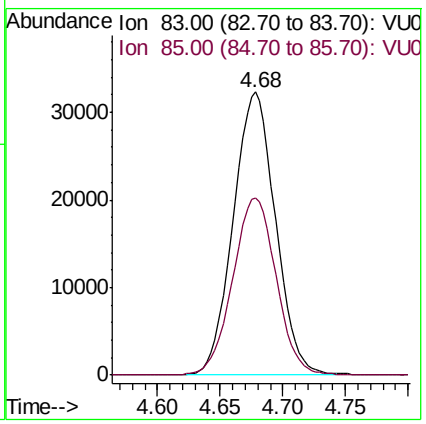


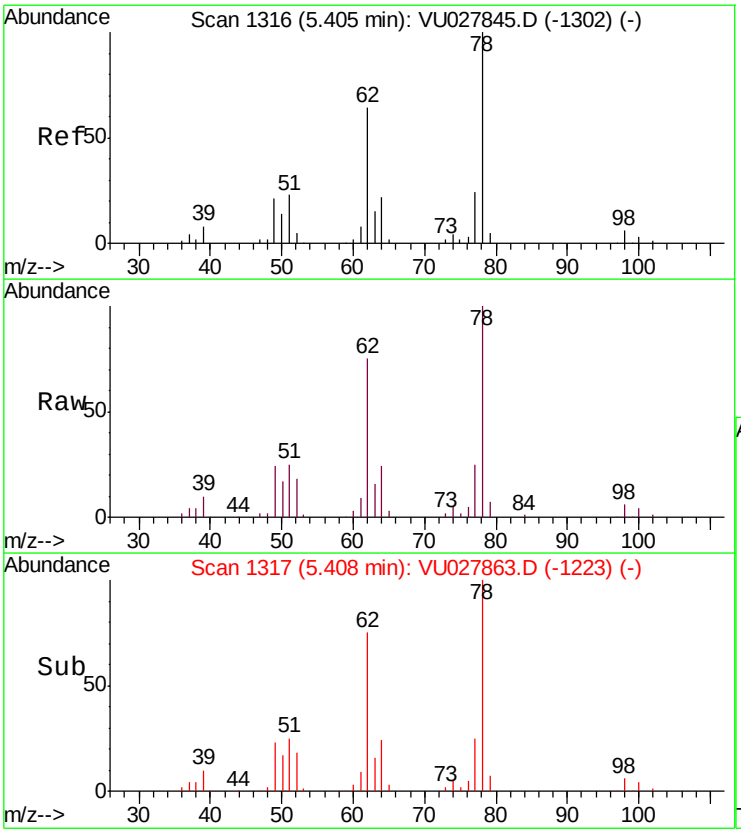
#25
Chloroform
Concen: 52.181 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion: 83 Resp: 75789

Ion	Ratio	Lower	Upper
83	100		
85	62.6	45.4	84.4

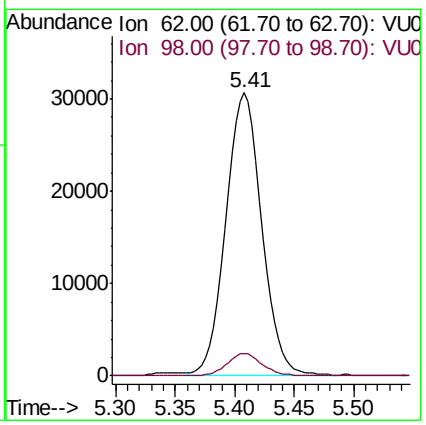


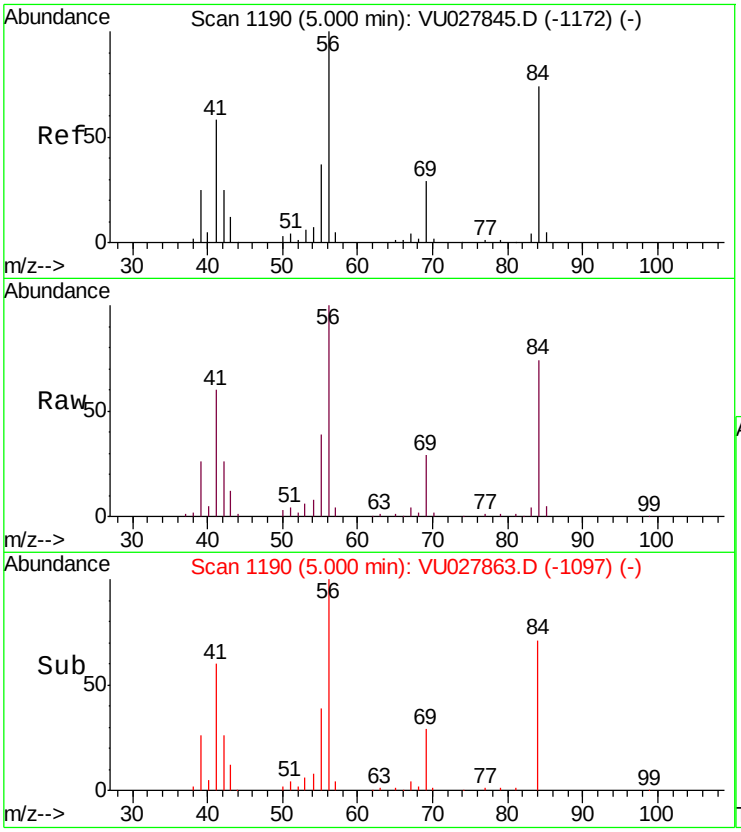


#27
1,2-Dichloroethane
Concen: 51.019 ug/L
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion: 62 Resp: 64309

Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.3	9.5



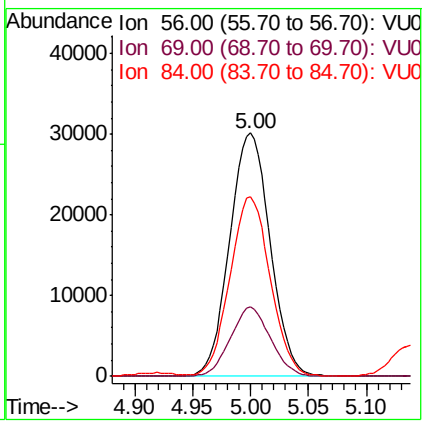


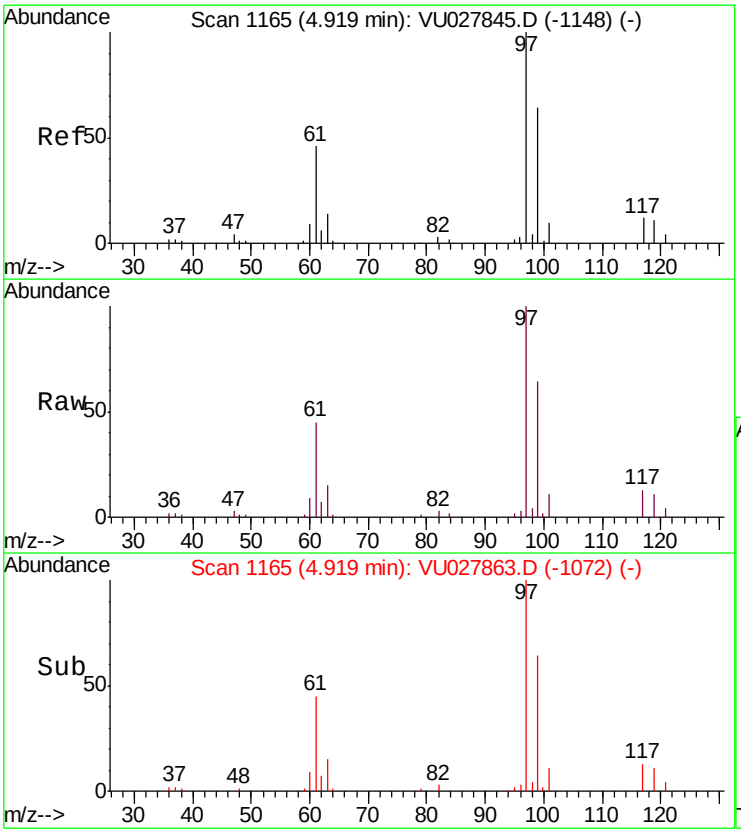
#29
Cyclohexane
Concen: 47.405 ug/L
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion: 56 Resp: 73153

Ion	Ratio	Lower	Upper
56	100		
69	28.2	22.5	33.7
84	73.5	58.5	87.7

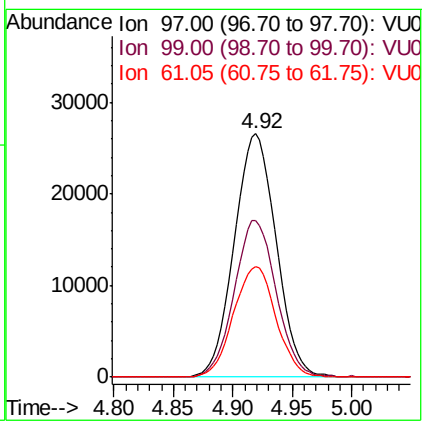


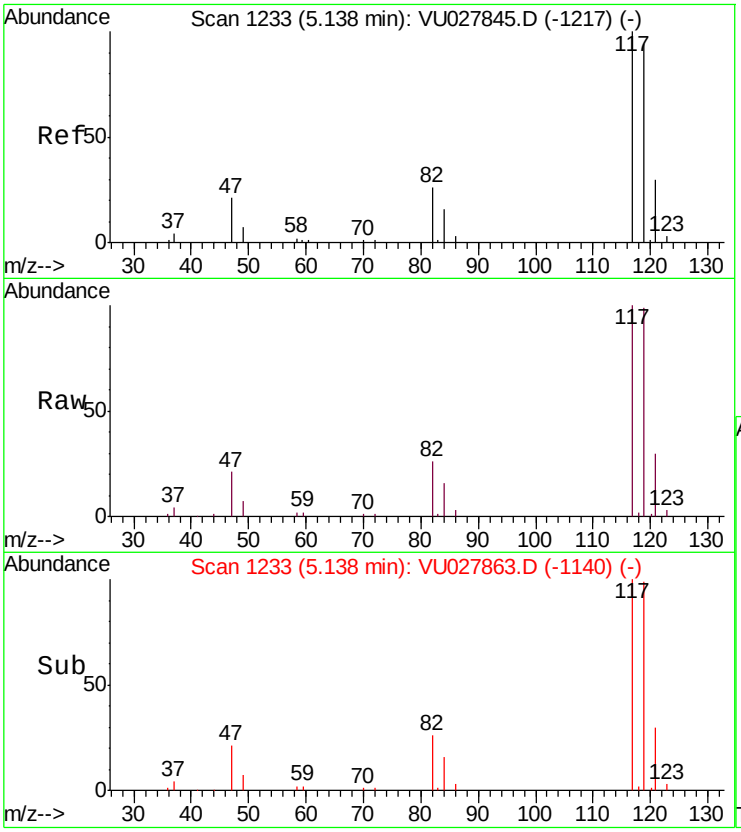


#30
1,1,1-Trichloroethane
Concen: 49.830 ug/L
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion: 97 Resp: 65026

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.7	77.5
61	45.9	37.5	56.3



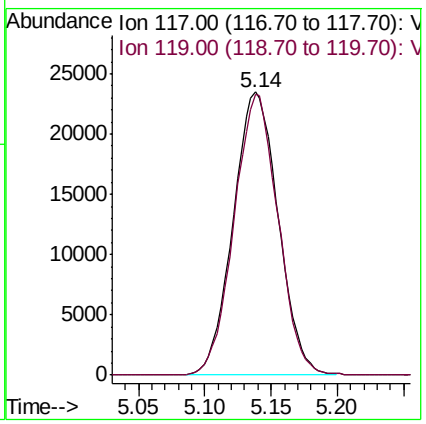


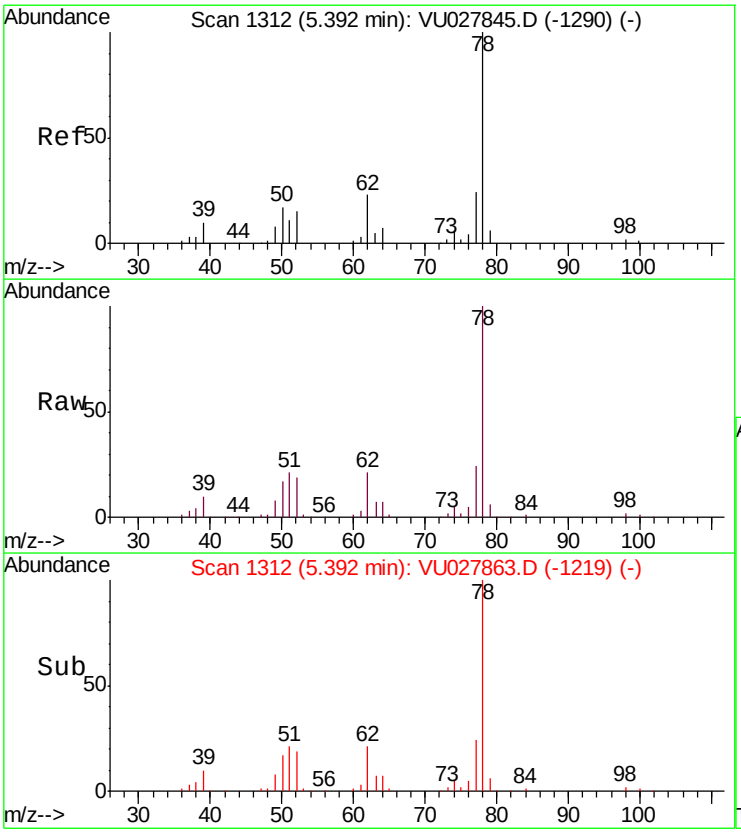
#31
Carbon tetrachloride
Concen: 47.328 ug/L
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion:117 Resp: 55578

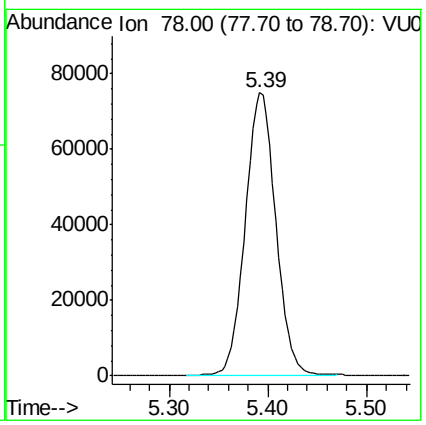
Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.6	113.4

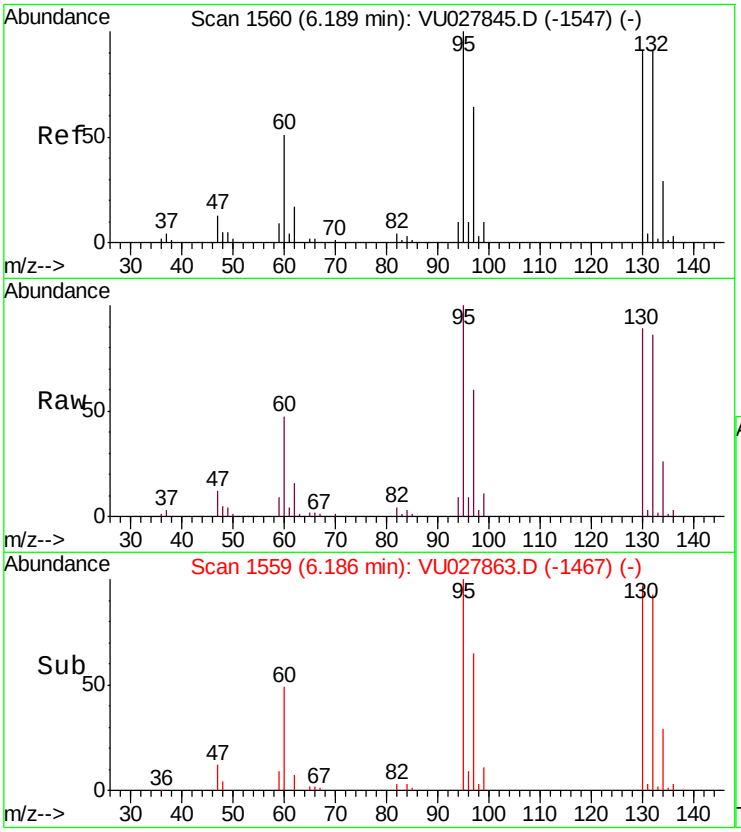




#33
Benzene
Concen: 50.061 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion: 78 Resp: 160331



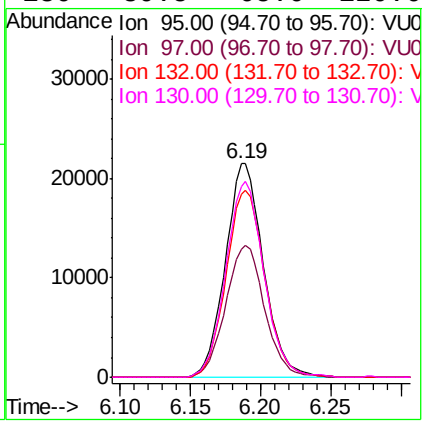


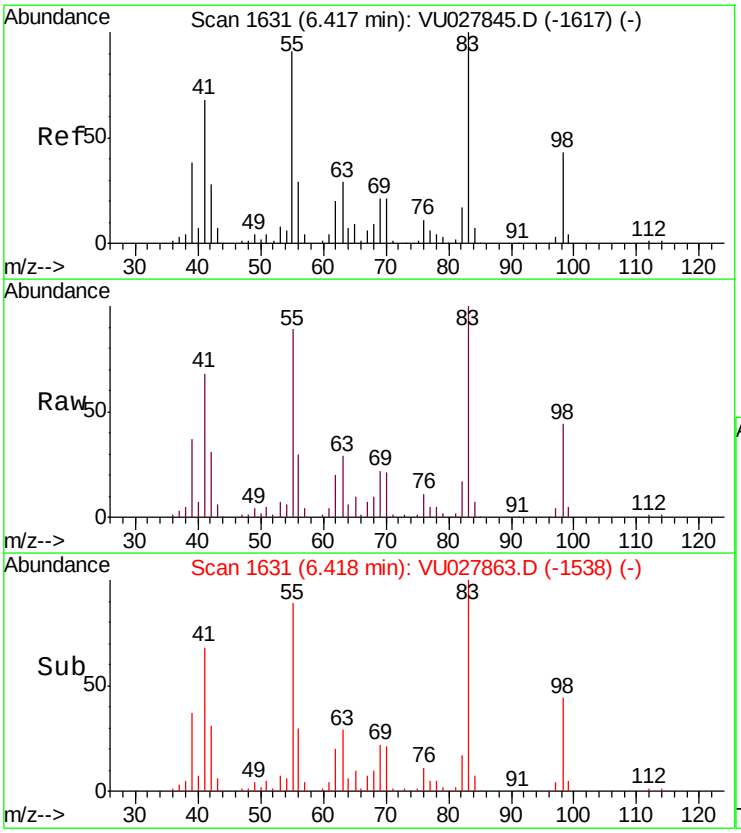
#34
Trichloroethene
Concen: 50.617 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion: 95 Resp: 40584

Ion	Ratio	Lower	Upper
95	100		
97	59.9	45.8	85.2
132	85.8	62.1	115.3
130	89.5	65.0	120.6

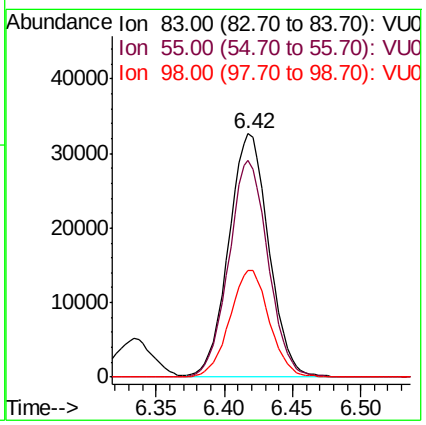


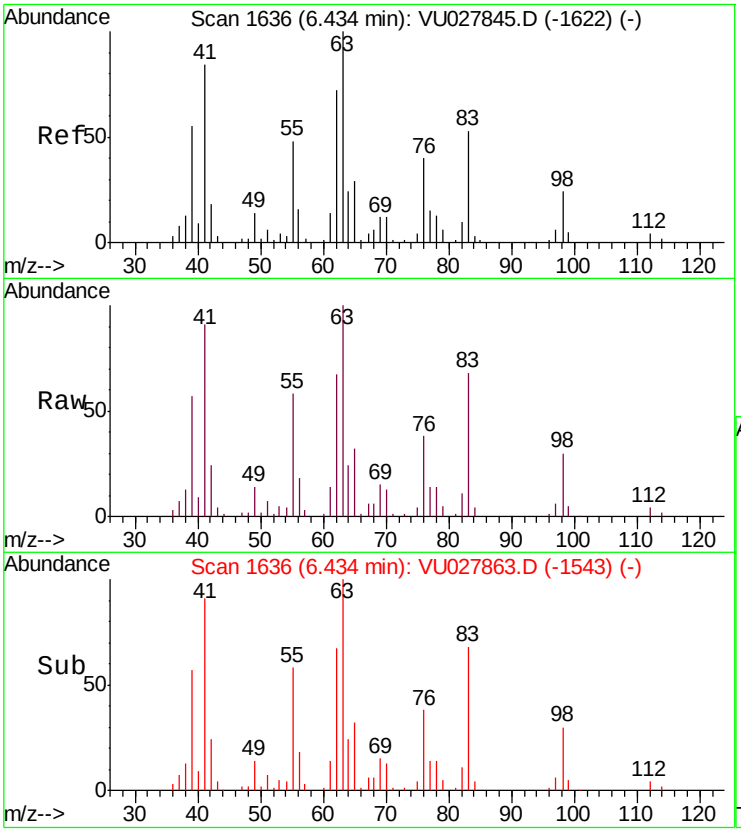


#35
Methylcyclohexane
Concen: 48.157 ug/L
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion: 83 Resp: 66777

Ion	Ratio	Lower	Upper
83	100		
55	87.0	71.9	107.9
98	43.0	34.6	52.0



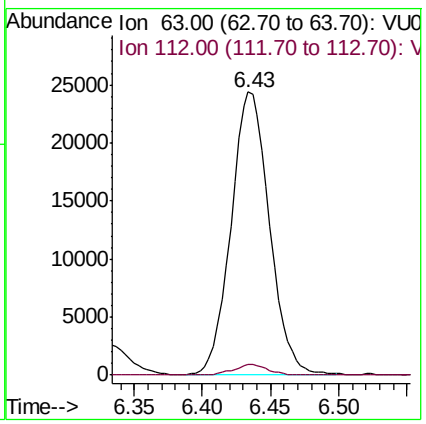


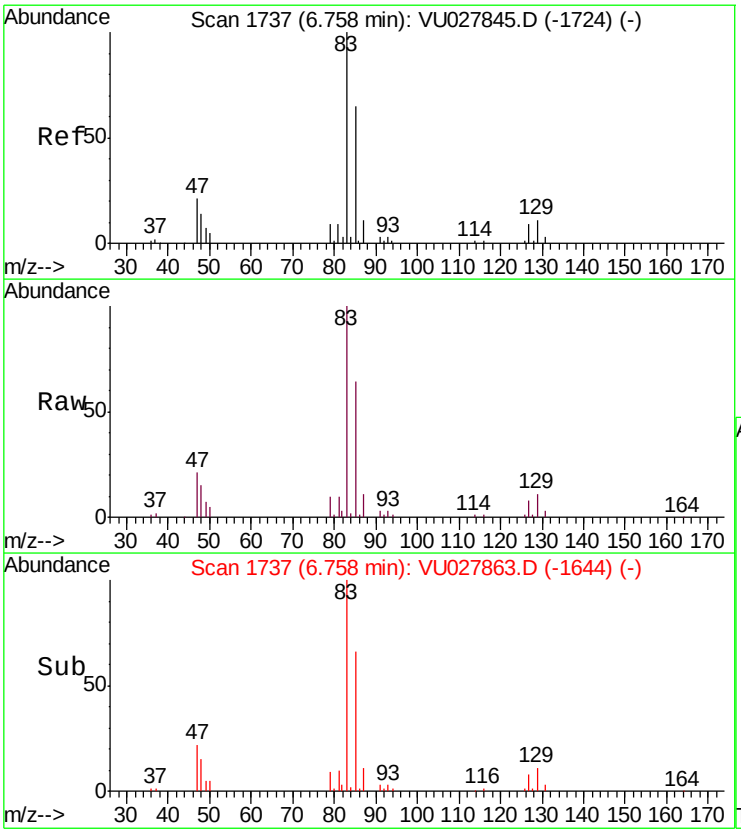
#37
1,2-Dichloropropane
Concen: 50.386 ug/L
RT: 6.43 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument : MSVOA_U
ClientSampleId : VSTD05009

Tgt Ion: 63 Resp: 47680

Ion	Ratio	Lower	Upper
63	100		
112	3.3	2.6	3.8

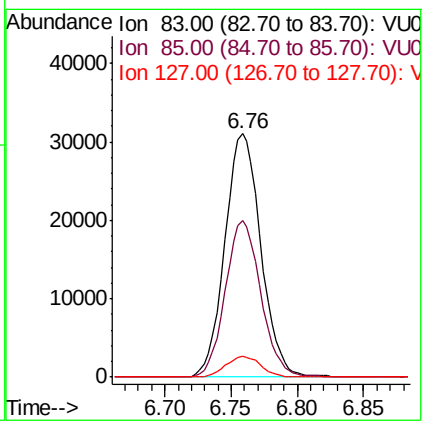


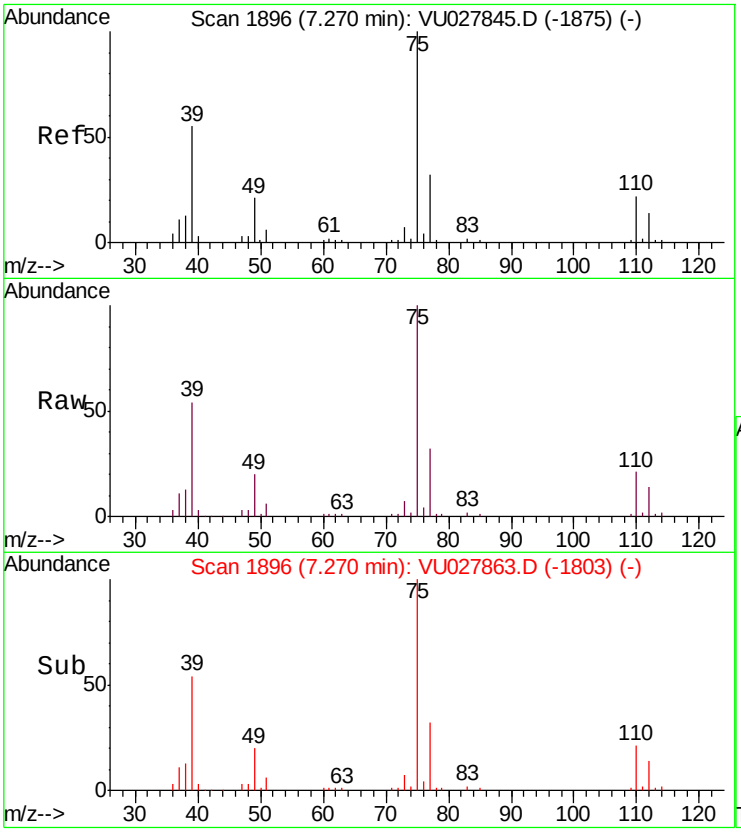


#38
Bromodichloromethane
Concen: 49.830 ug/L
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion: 83 Resp: 58597

Ion	Ratio	Lower	Upper
83	100		
85	64.2	44.5	82.7
127	8.3	6.2	9.2



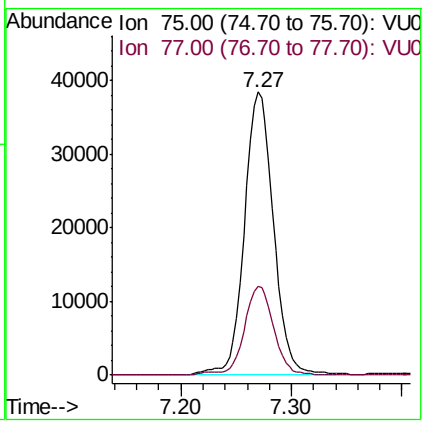


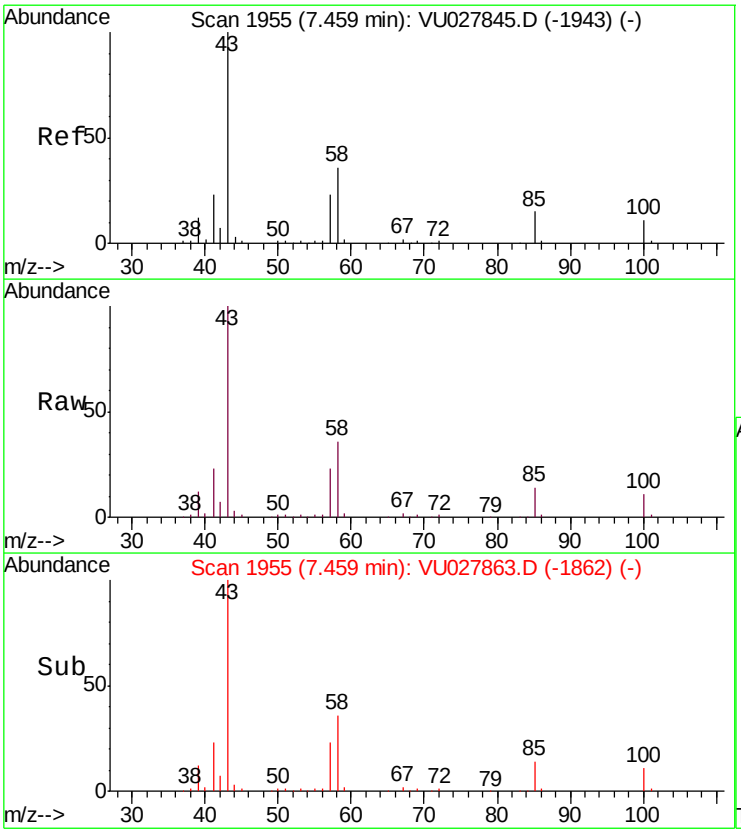
#39
cis-1,3-Dichloropropene
Concen: 48.251 ug/L
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion: 75 Resp: 70305

Ion	Ratio	Lower	Upper
75	100		
77	31.6	22.5	41.7

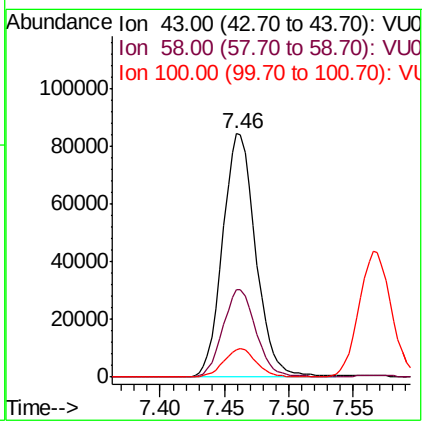


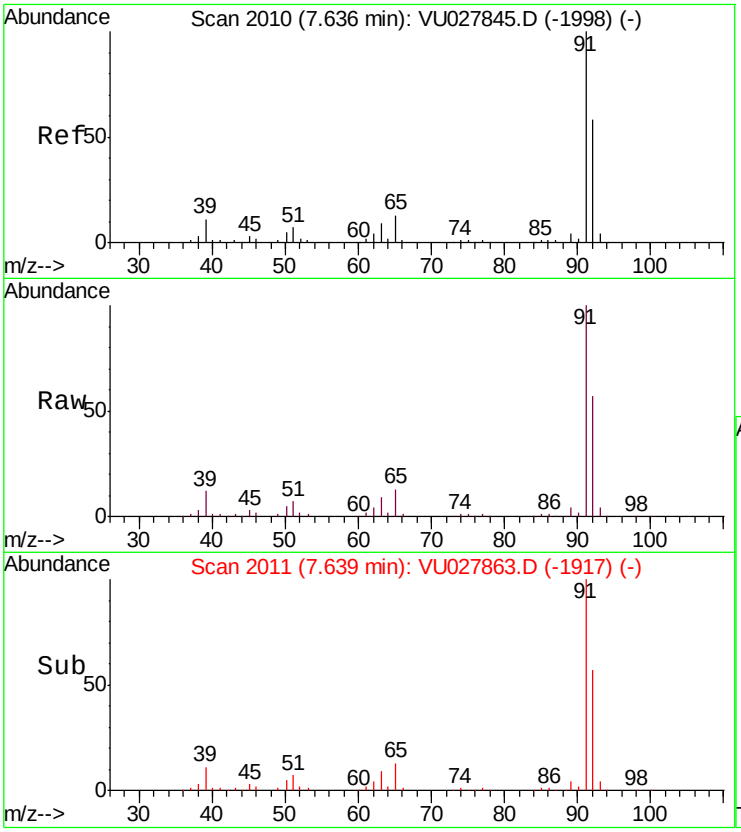


#40
4-Methyl-2-pentanone
Concen: 98.865 ug/L
RT: 7.46 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion: 43 Resp: 150360

Ion	Ratio	Lower	Upper
43	100		
58	36.3	28.3	42.5
100	11.3	9.1	13.7



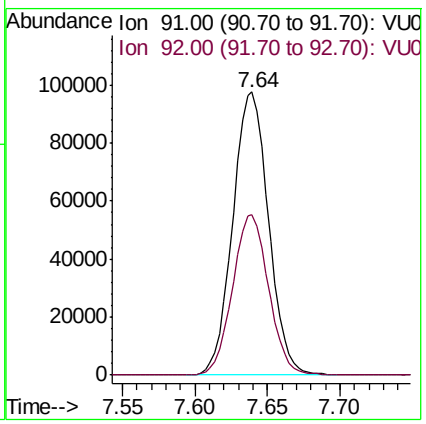


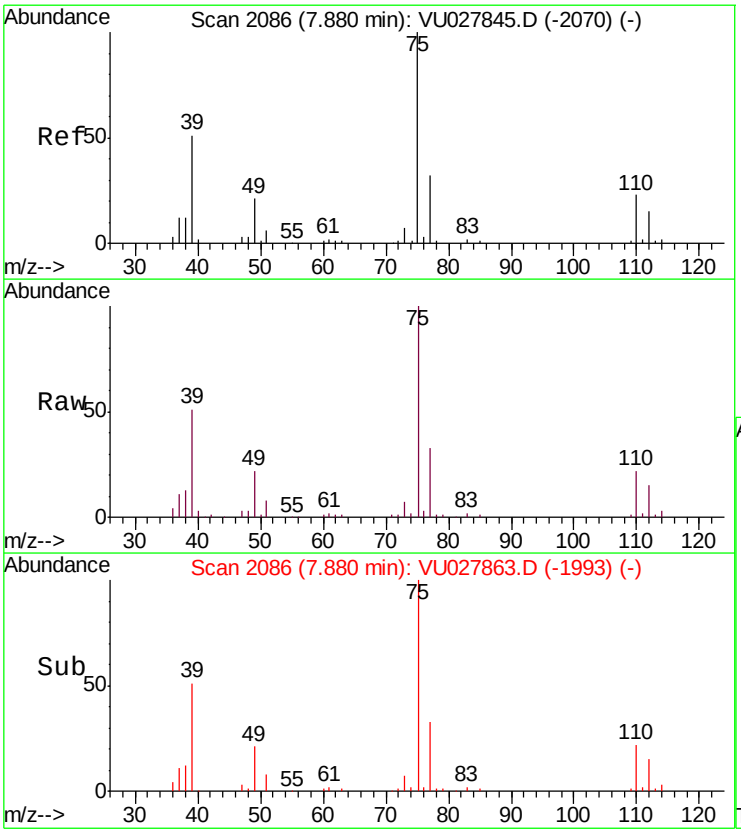
#42
Toluene
Concen: 49.905 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument : MSVOA_U
ClientSampleId : VSTD05009

Tgt Ion: 91 Resp: 167387

Ion	Ratio	Lower	Upper
91	100		
92	56.9	39.9	74.1

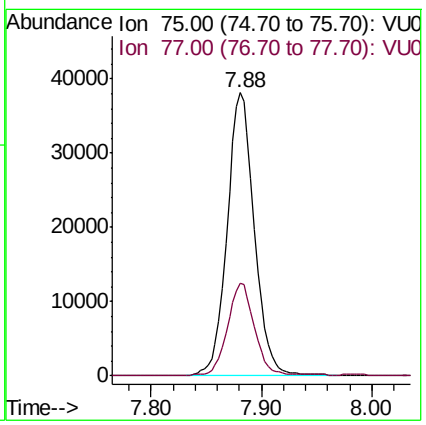


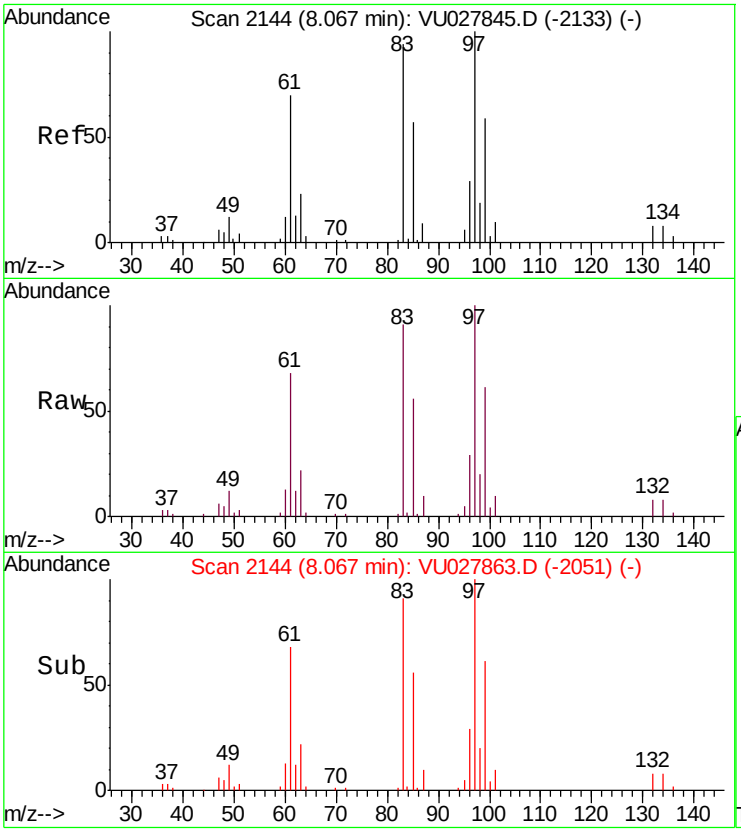


#44
trans-1,3-Dichloropropene
Concen: 47.413 ug/L
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion: 75 Resp: 65350

Ion	Ratio	Lower	Upper
75	100		
77	32.7	22.8	42.4



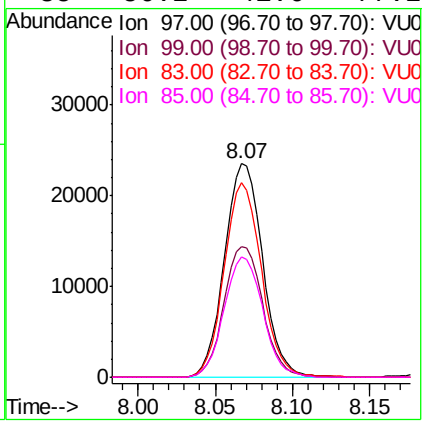


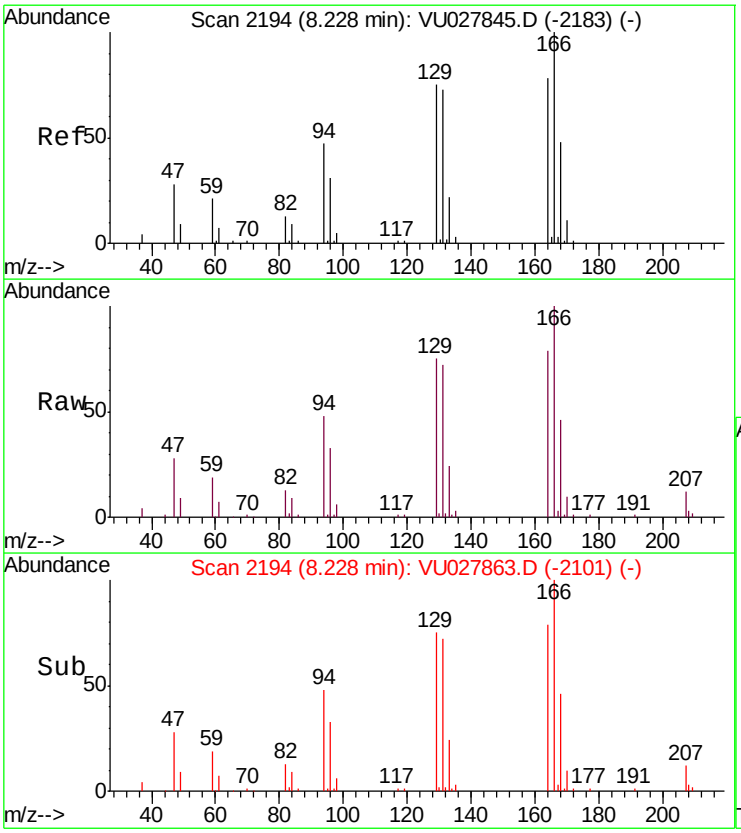
#45
1,1,2-Trichloroethane
Concen: 51.675 ug/L
RT: 8.07 min Scan# 2144
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion: 97 Resp: 40391

Ion	Ratio	Lower	Upper
97	100		
99	61.4	42.6	79.2
83	91.1	62.4	115.8
85	56.2	41.6	77.2

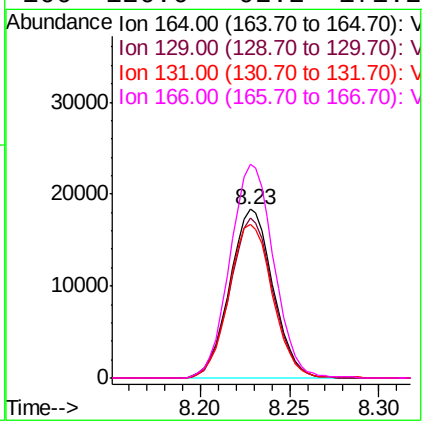


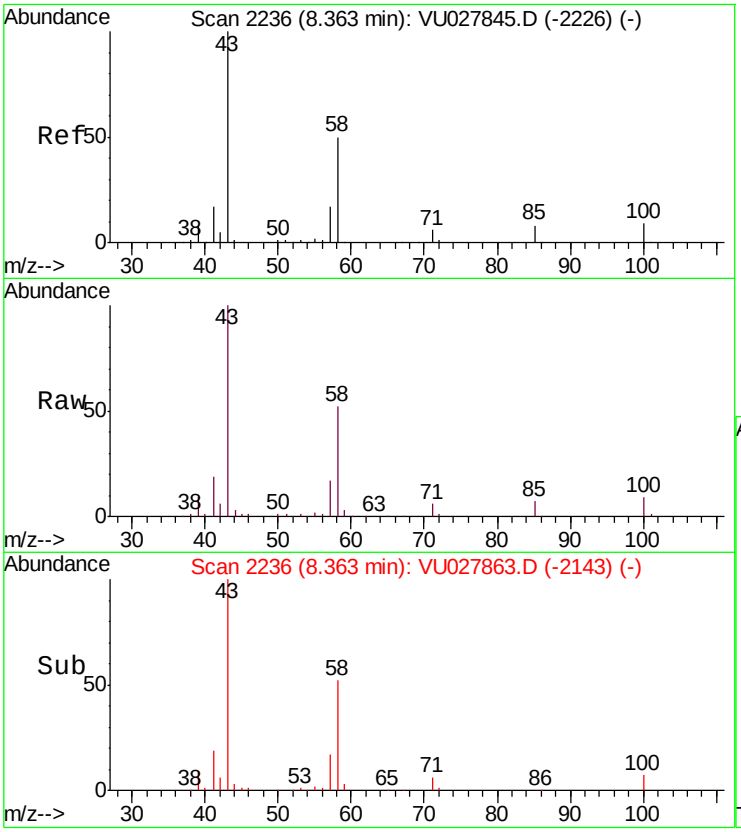


#46
Tetrachloroethene
Concen: 50.230 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion:164 Resp: 31102

Ion	Ratio	Lower	Upper
164	100		
129	94.6	68.5	127.3
131	91.1	67.1	124.5
166	126.6	92.2	171.2



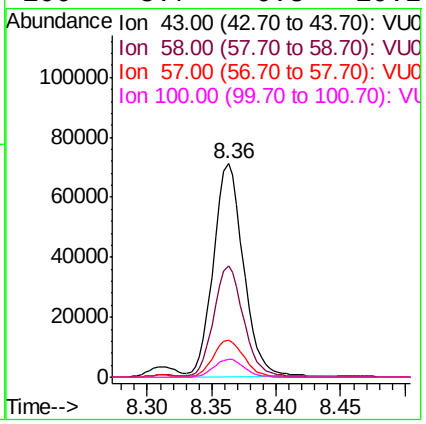


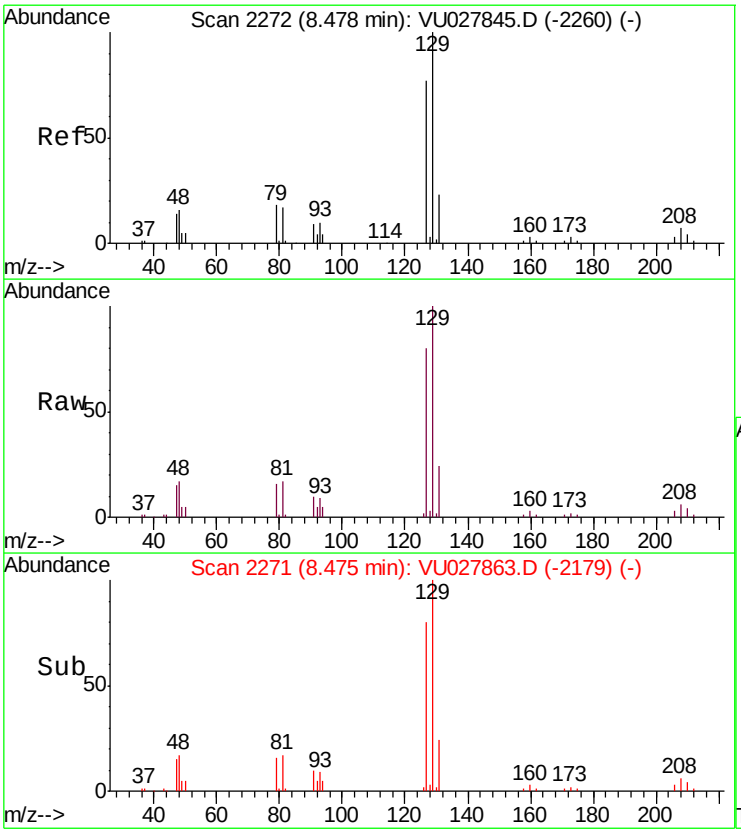
#48
2-Hexanone
Concen: 97.740 ug/L
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument : MSVOA_U
ClientSampleId : VSTD05009

Tgt Ion: 43 Resp: 115279

Ion	Ratio	Lower	Upper
43	100		
58	51.6	38.8	58.2
57	17.5	13.1	19.7
100	8.7	6.8	10.2

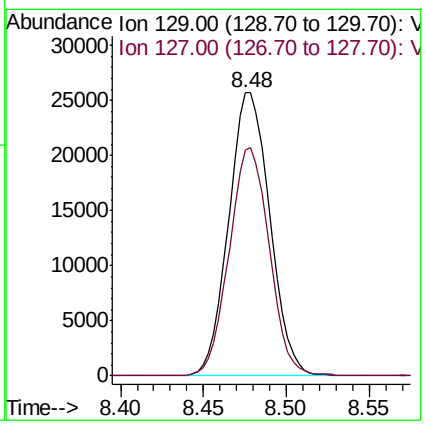


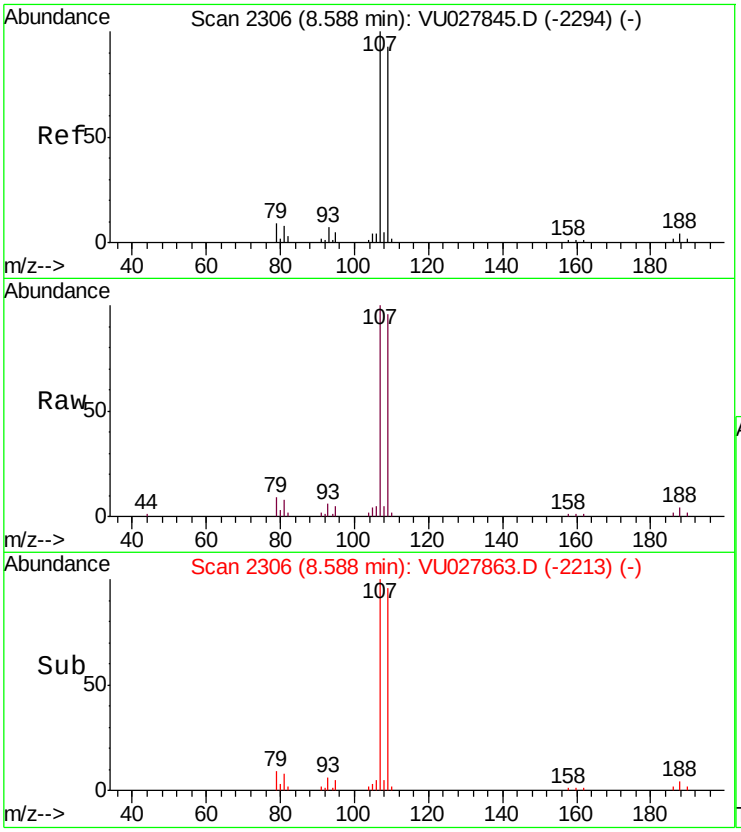


#49
Dibromochloromethane
Concen: 48.015 ug/L
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion:129 Resp: 44471

Ion	Ratio	Lower	Upper
129	100		
127	79.7	54.1	100.5



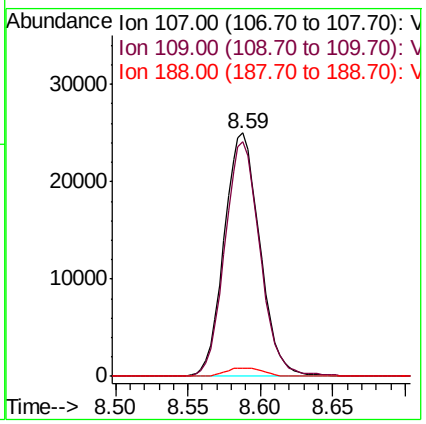


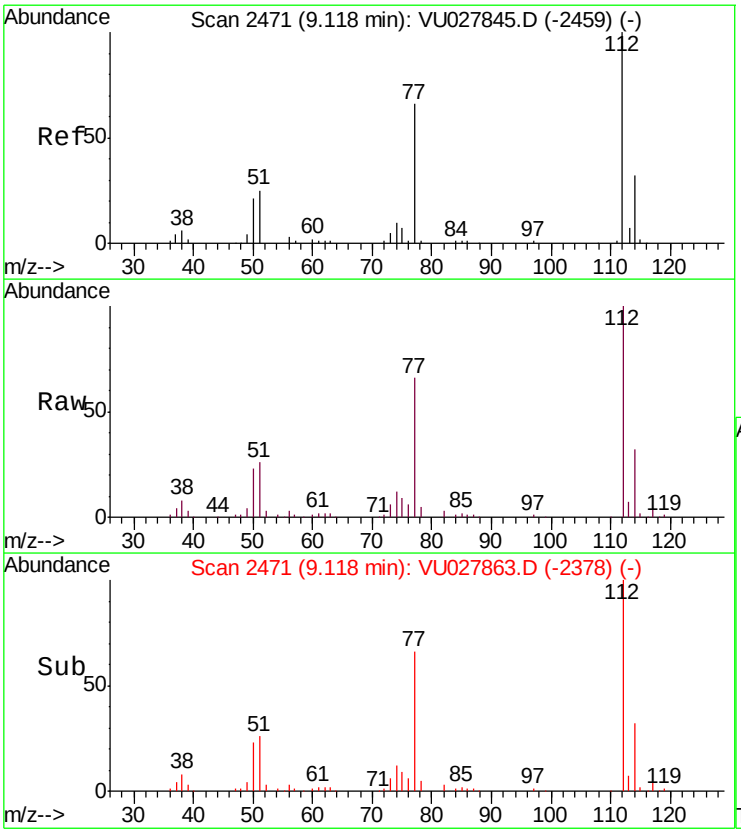
#50
1,2-Dibromoethane
Concen: 51.189 ug/L
RT: 8.59 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion:107 Resp: 42705

Ion	Ratio	Lower	Upper
107	100		
109	96.2	68.4	127.0
188	3.5	3.3	4.9

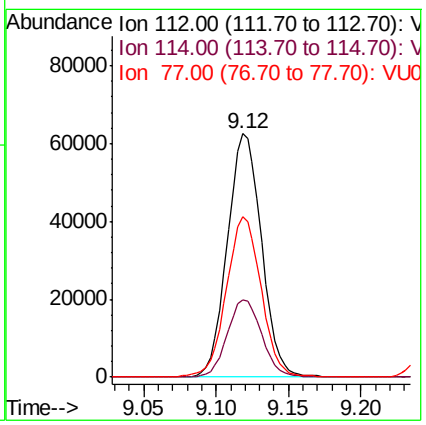


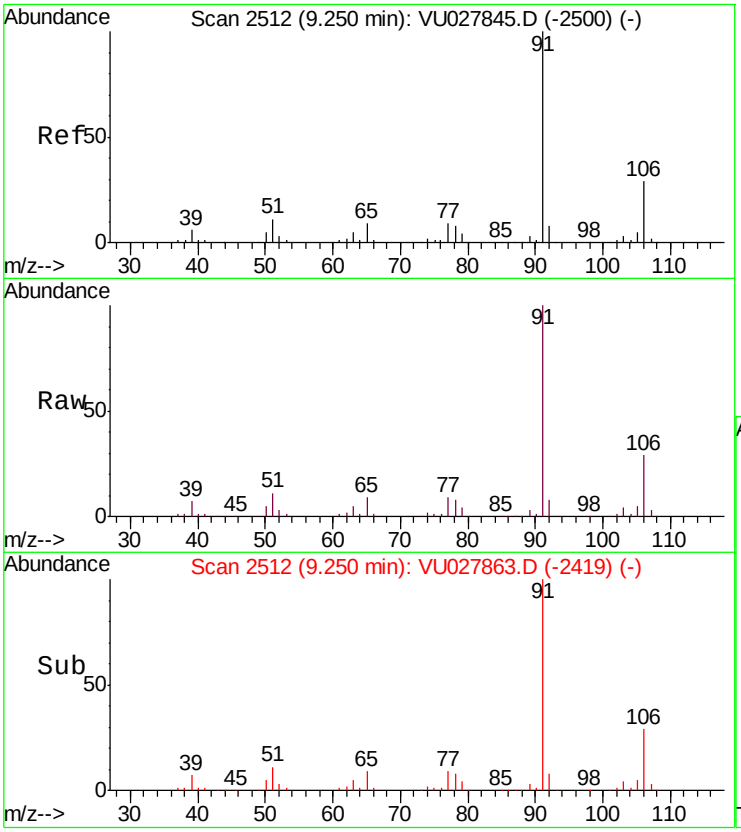


#51
Chlorobenzene
Concen: 49.866 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion:112 Resp: 102541

Ion	Ratio	Lower	Upper
112	100		
114	31.7	21.9	40.7
77	65.7	52.2	78.2



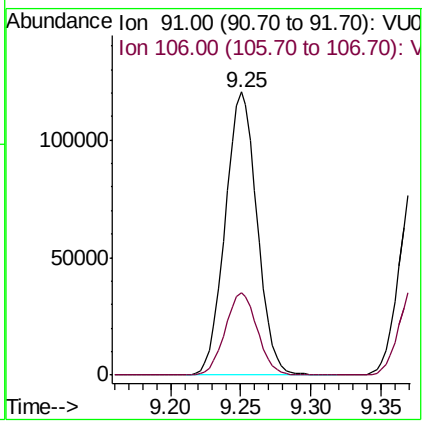


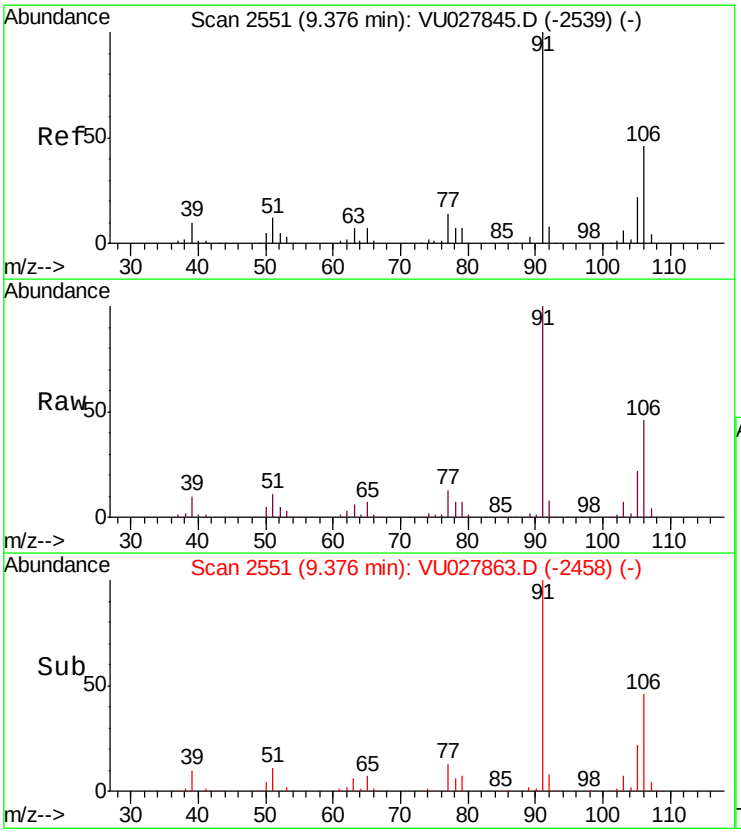
#52
Ethylbenzene
Concen: 50.092 ug/L
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument : MSVOA_U
ClientSampleId : VSTD05009

Tgt Ion: 91 Resp: 190051

Ion	Ratio	Lower	Upper
91	100		
106	29.0	20.9	38.7

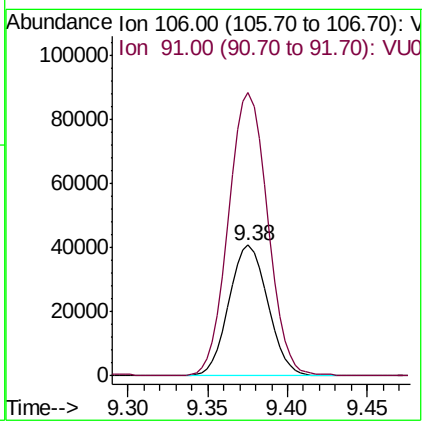


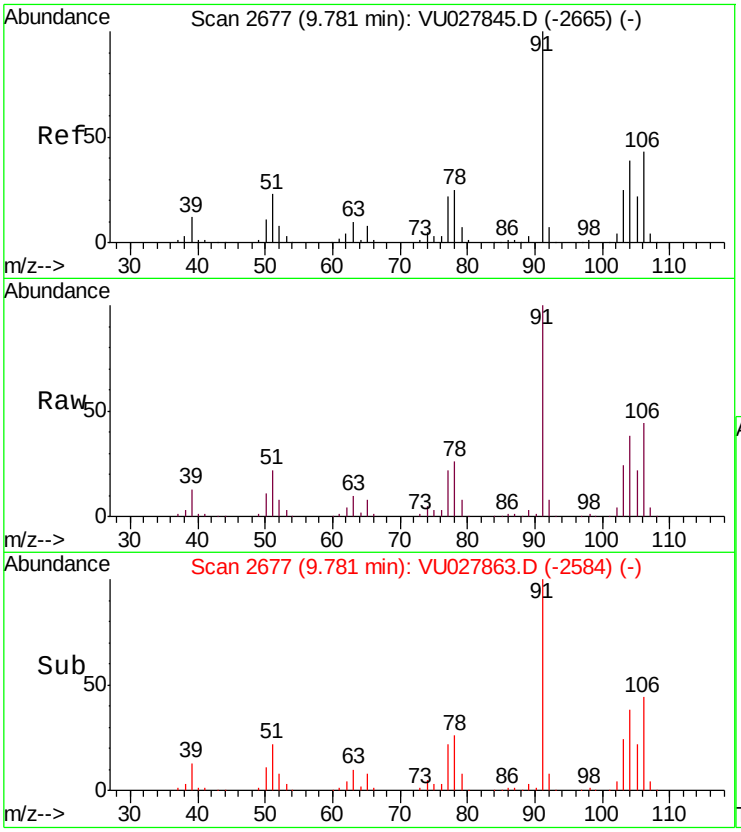


#53
m,p-Xylene
Concen: 49.406 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion:106 Resp: 67716

Ion	Ratio	Lower	Upper
106	100		
91	216.5	147.9	274.7



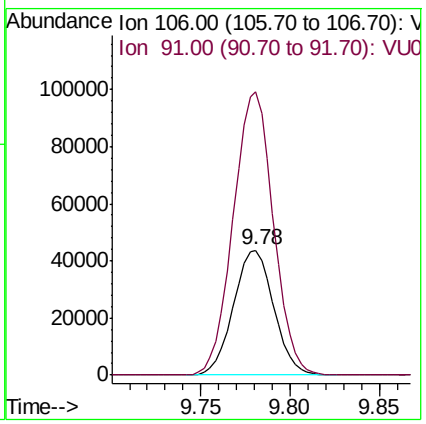


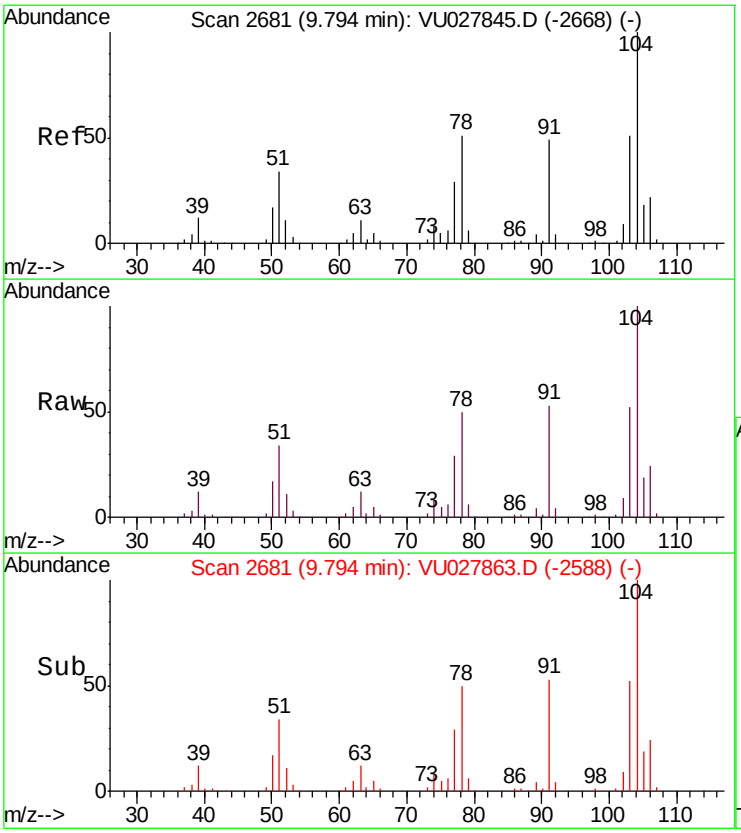
#54
o-xylene
Concen: 50.535 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion:106 Resp: 69042

Ion	Ratio	Lower	Upper
106	100		
91	226.2	159.4	296.0

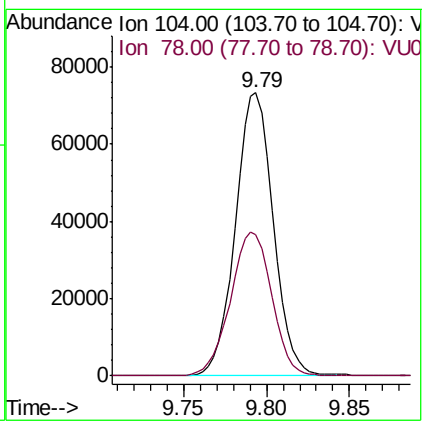


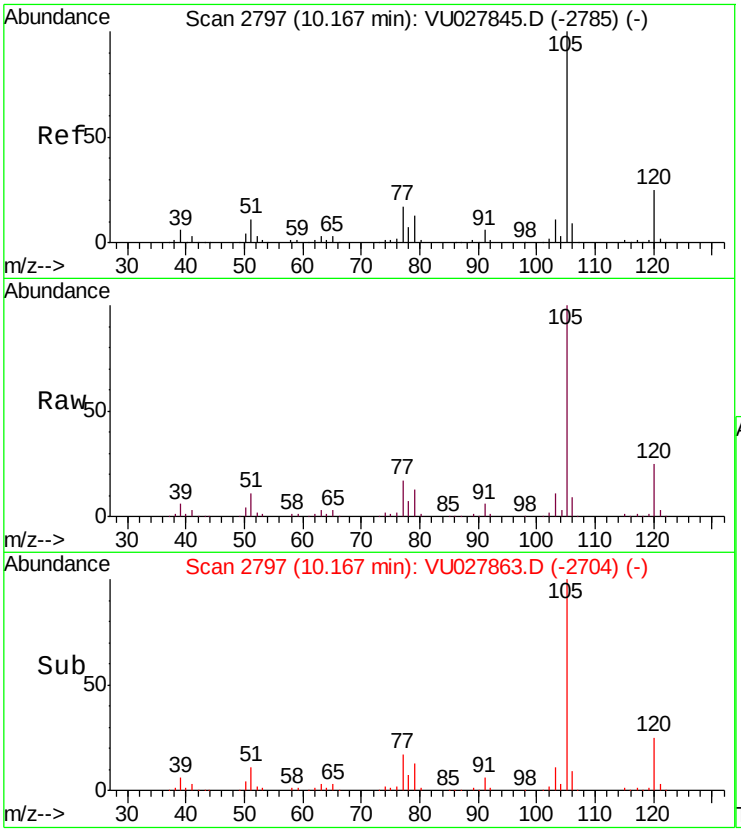


#55
Styrene
Concen: 50.142 ug/L
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion:104 Resp: 116604

Ion	Ratio	Lower	Upper
104	100		
78	49.7	36.5	67.9



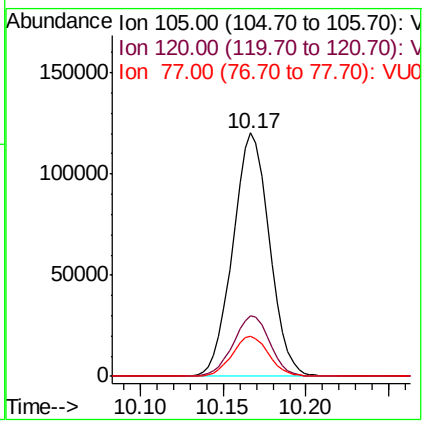


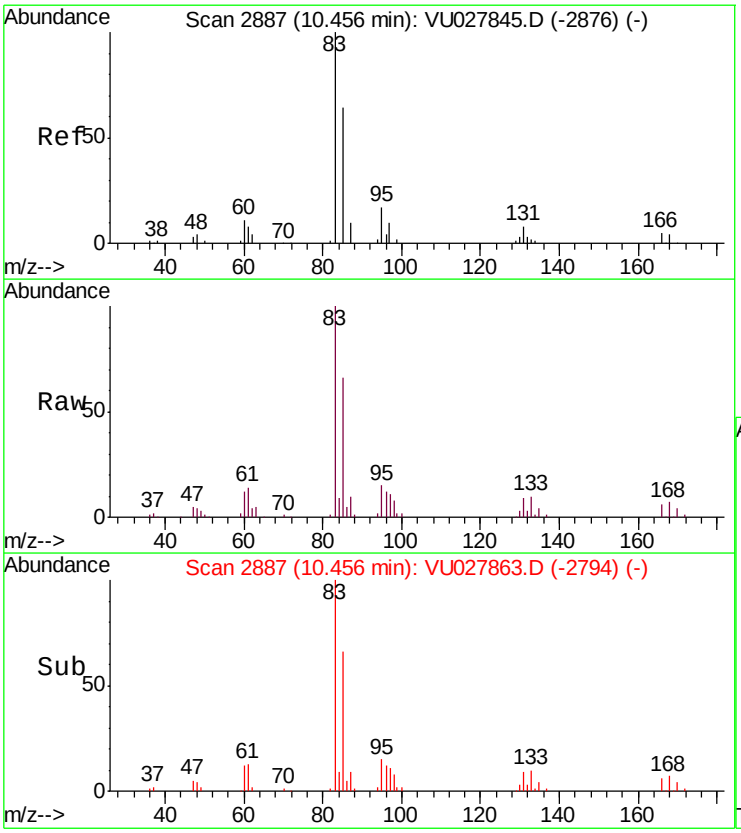
#56
Isopropylbenzene
Concen: 51.069 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument : MSVOA_U
ClientSampleId : VSTD05009

Tgt Ion:105 Resp: 184780

Ion	Ratio	Lower	Upper
105	100		
120	25.0	21.0	31.6
77	16.6	13.7	20.5

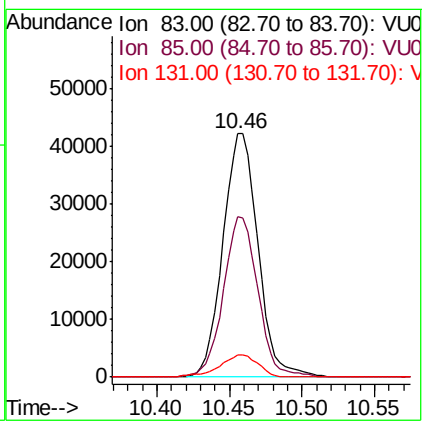


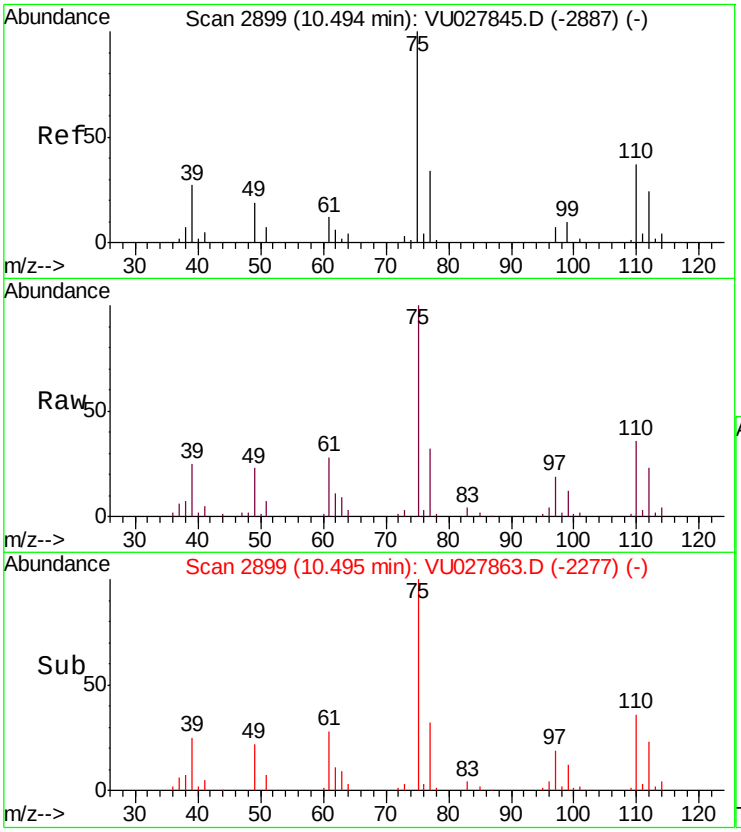


#58
1,1,2,2-Tetrachloroethane
Concen: 50.802 ug/L
RT: 10.46 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion: 83 Resp: 70613

Ion	Ratio	Lower	Upper
83	100		
85	65.8	44.6	82.8
131	9.0	6.9	10.3



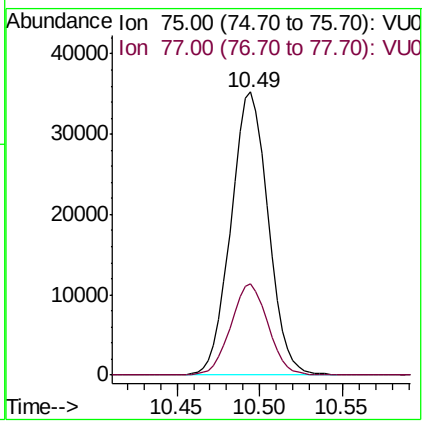


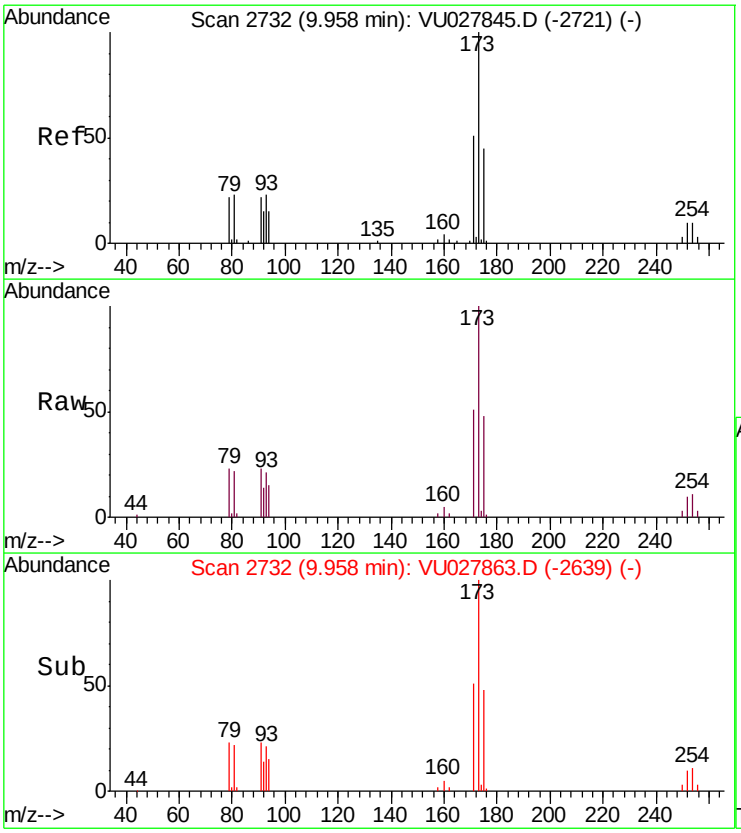
#59
1,2,3-Trichloropropane
Concen: 49.422 ug/L
RT: 10.49 min Scan# 2899
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument : MSVOA_U
ClientSampleId : VSTD05009

Tgt Ion: 75 Resp: 55271

Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.5	39.7

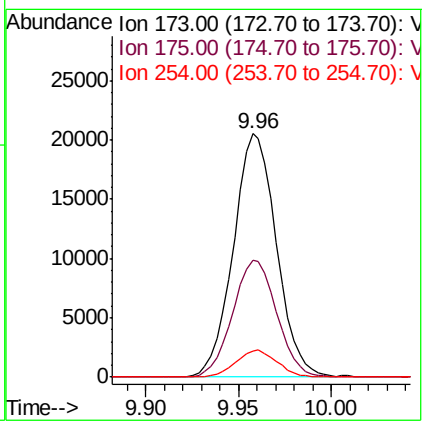


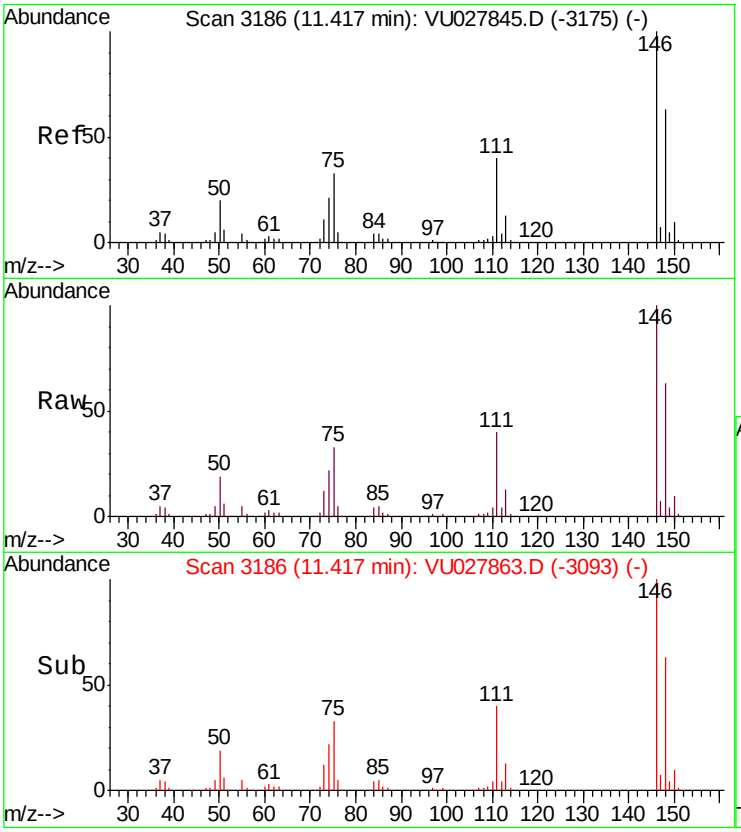


#61
Bromoform
Concen: 46.942 ug/L
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion:173 Resp: 33153

Ion	Ratio	Lower	Upper
173	100		
175	49.1	38.6	58.0
254	10.5	7.9	11.9



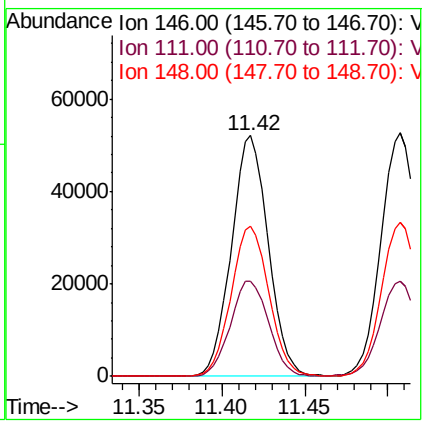


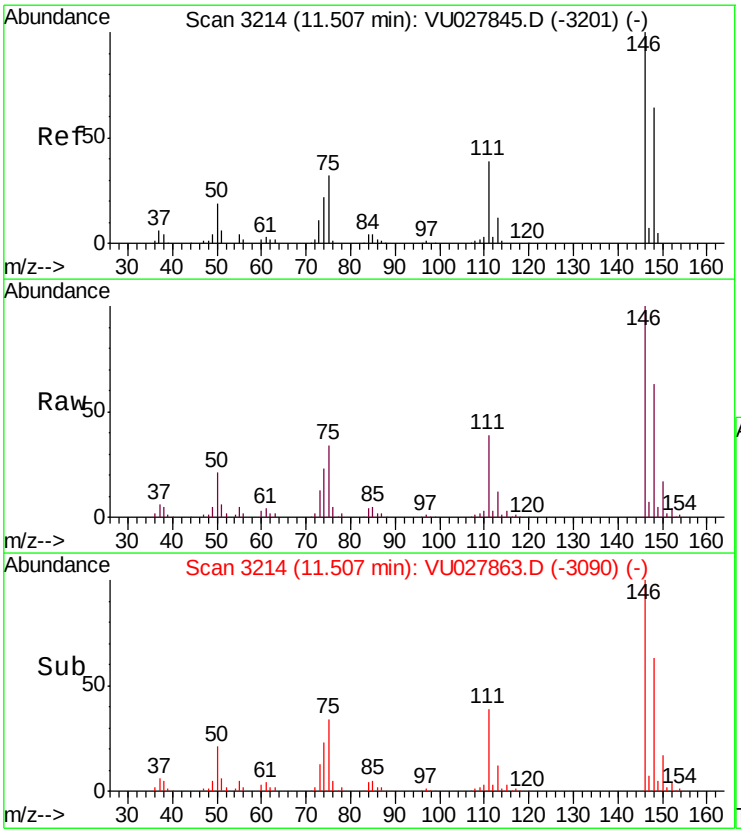
#62
1,3-Dichlorobenzene
Concen: 50.709 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion:146 Resp: 80559

Ion	Ratio	Lower	Upper
146	100		
111	39.8	28.1	52.3
148	62.5	43.7	81.1

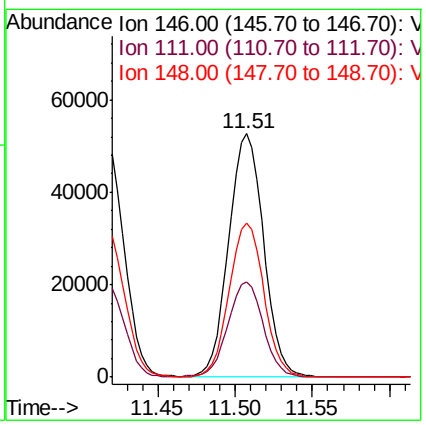


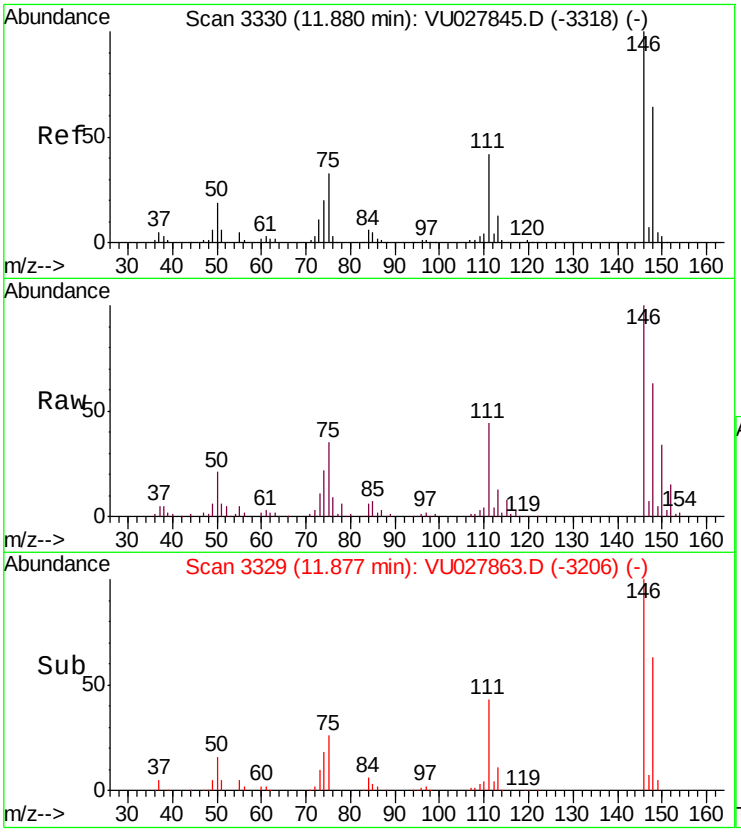


#63
1,4-Dichlorobenzene
Concen: 51.050 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion:146 Resp: 82697

Ion	Ratio	Lower	Upper
146	100		
111	39.2	27.5	51.1
148	63.4	44.1	81.9



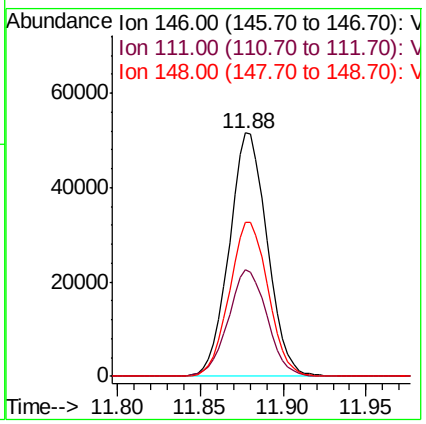


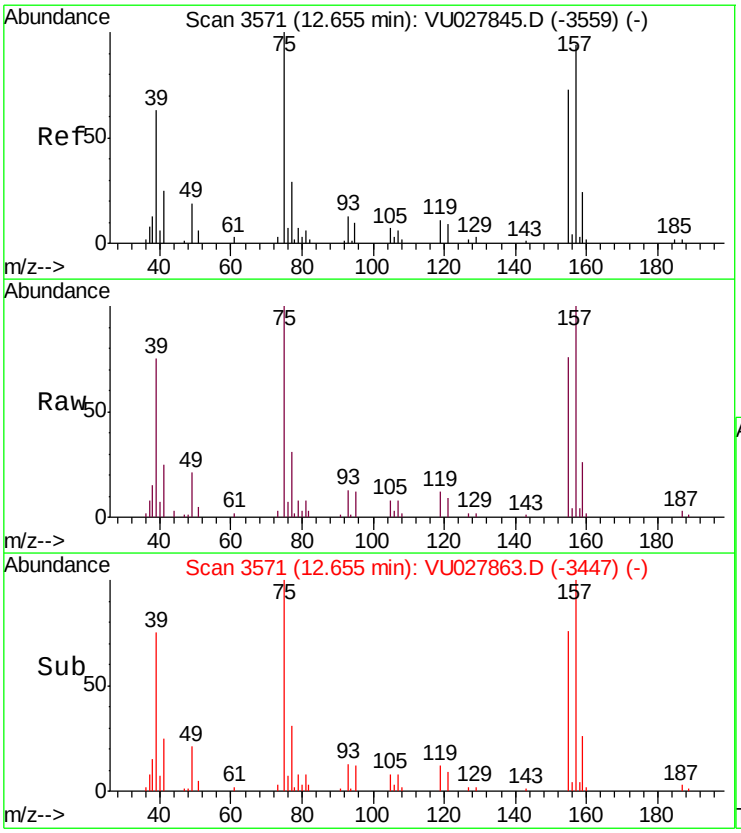
#65
1,2-Dichlorobenzene
Concen: 50.194 ug/L
RT: 11.88 min Scan# 3329
Delta R.T. -0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion:146 Resp: 82017

Ion	Ratio	Lower	Upper
146	100		
111	43.9	33.8	50.8
148	63.0	51.5	77.3

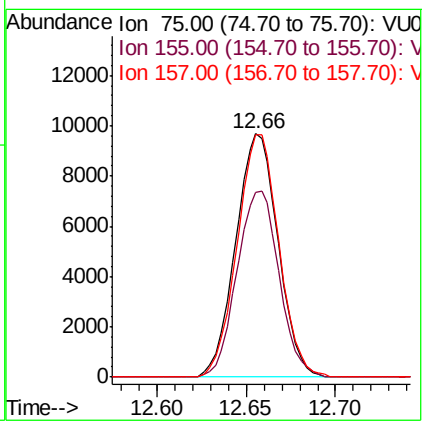


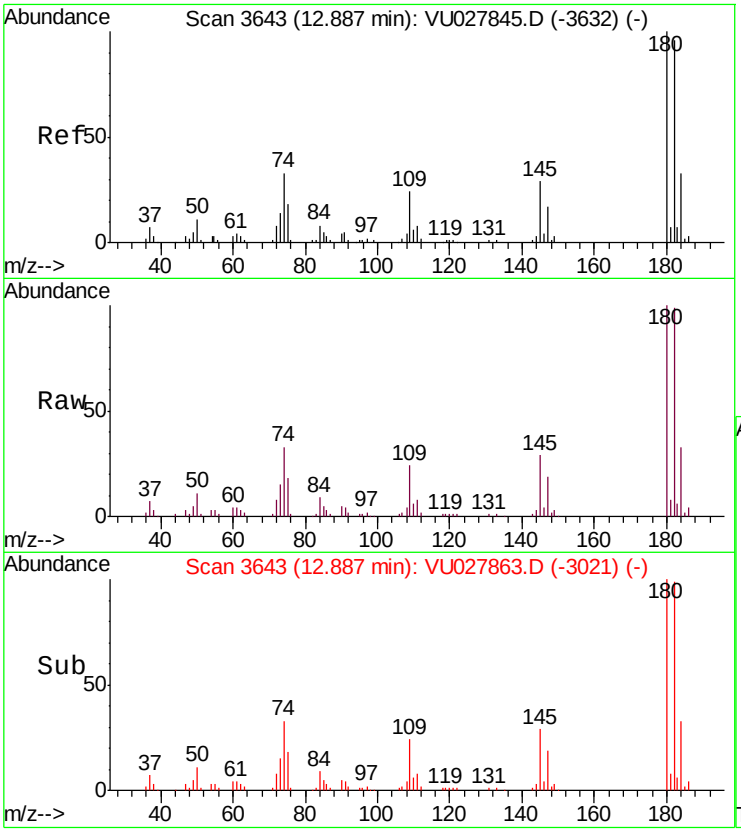


#66
1,2-Dibromo-3-chloropropane
Concen: 46.993 ug/L
RT: 12.66 min Scan# 3571
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion: 75 Resp: 16000

Ion	Ratio	Lower	Upper
75	100		
155	75.7	57.4	86.2
157	99.8	75.9	113.9



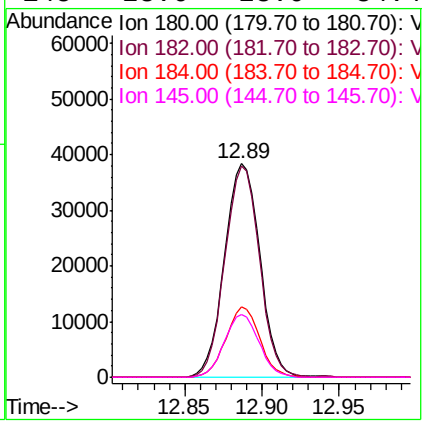


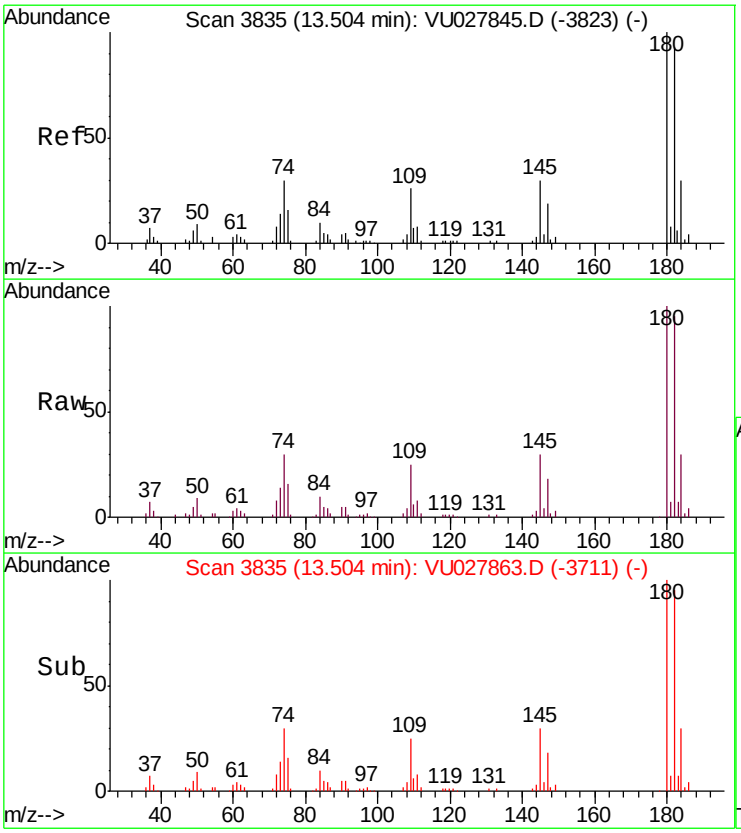
#67
1,3,5-Trichlorobenzene
Concen: 49.670 ug/L
RT: 12.89 min Scan# 3643
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion:180 Resp: 61029

Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.9	113.9
184	31.5	24.7	37.1
145	28.6	23.0	34.4

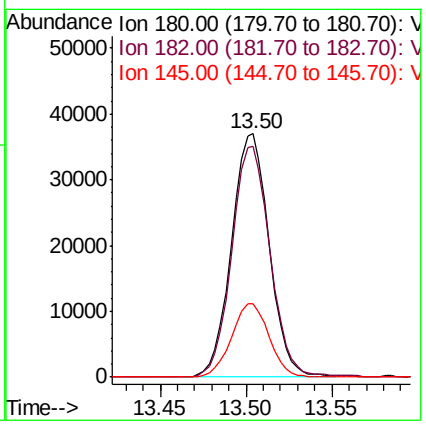


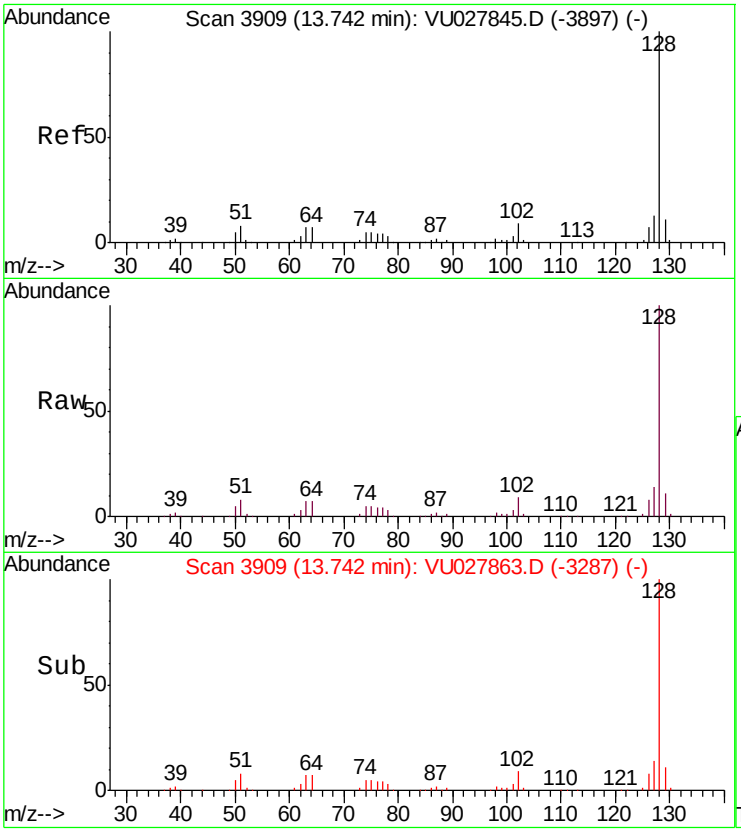


#68
1,2,4-trichlorobenzene
Concen: 51.919 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion:180 Resp: 56633

Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.1	115.7
145	29.8	23.4	35.0



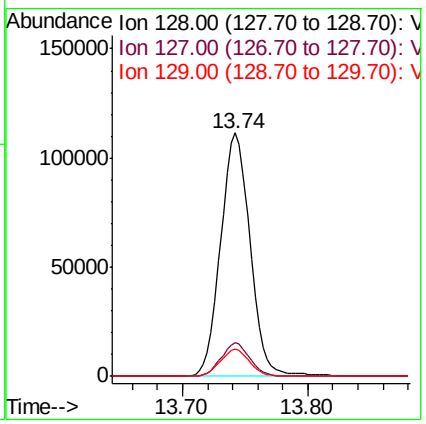


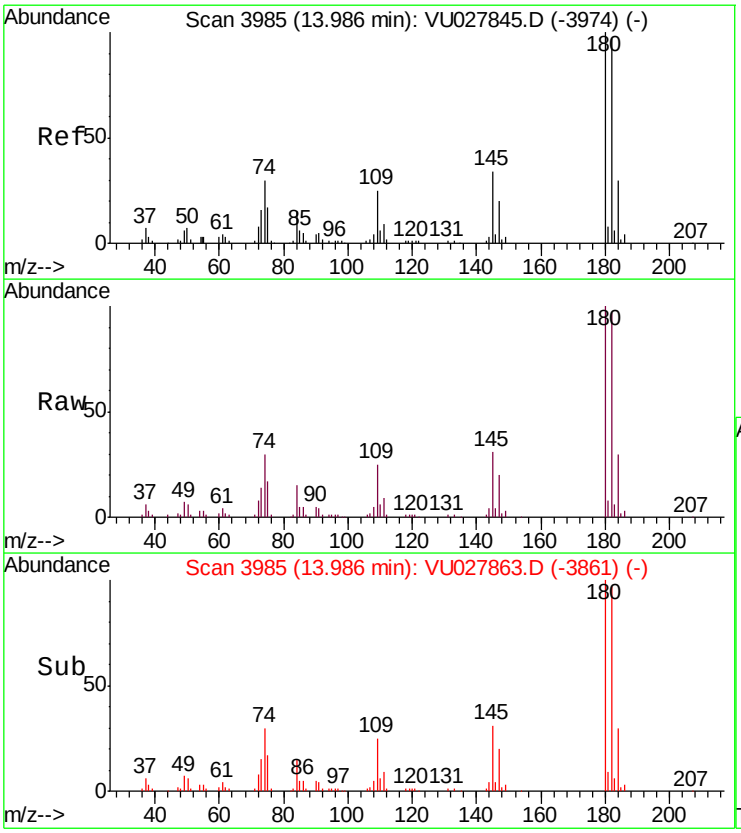
#69
Naphthalene
Concen: 51.581 ug/L
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD05009

Tgt Ion:128 Resp: 181722

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.9	16.3
129	10.9	8.7	13.1





#70
1,2,3-Trichlorobenzene
Concen: 51.251 ug/L
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027863.D
Acq: 29 Oct 2018 17:59

Tgt Ion:180 Resp: 58427

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.8	116.6
145	30.8	25.0	37.4