Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101718\
Data File : VU027664.D
Acq On : 17 Oct 2018 08:12
Operator : MD/SY
Sample : VSTD0.541
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.541

Quant Time: Oct 19 05:50:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 05:48:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	82739	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	79062	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	38440	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	3865	0.59	ug/L		0.00
7) Chloroethane-d5	1.68	69	2830	0.57	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.28	63	6638	0.57	ug/L		0.00
20) 2-Butanone-d5	4.23	46	10676	5.71	ug/L		0.00
24) Chloroform-d	4.65	84	5792	0.57	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.31	65	3155	0.55	ug/L		0.00
32) Benzene-d6	5.34	84	11680	0.54	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.33	67	4044	0.54	ug/L		0.00
41) Toluene-d8	7.57	98	11326	0.54	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.85	79	1948	0.59	ug/L		0.00
46) 2-Hexanone-d5	8.33	63	8697	5.35	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	3624	0.62	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	4065	0.56	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	4076	0.604	ug/L		97
3) Chloromethane	1.33	50	4583	0.570	ug/L		89
5) Vinyl chloride	1.41	62	4582	0.567	ug/L		96
6) Bromomethane	1.63	94	2562	0.592	ug/L		89
8) Chloroethane	1.70	64	2643	0.568	ug/L		98
9) Trichlorofluoromethane	1.89	101	5253	0.564	ug/L		95
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	3203	0.570	ug/L		97
12) 1,1-Dichloroethene	2.29	96	3352	0.599	ug/L		98
13) Acetone	2.36	43	7274	6.084	ug/L		92
14) Carbon disulfide	2.48	76	10887	0.561	ug/L	#	93
15) Methyl Acetate	2.64	43	1762	0.552	ug/L		100
16) Methylene chloride	2.70	84	3418	0.560	ug/L		91
17) Methyl tert-butyl Ether	3.01	73	8611	0.556	ug/L		95
18) trans-1,2-Dichloroethene	2.99	96	3283	0.552	ug/L		94
19) 1,1-Dichloroethane	3.45	63	6762	0.571	ug/L		93
21) 2-Butanone	4.31	43	11552	5.561	ug/L		92
22) cis-1,2-Dichloroethene	4.23	96	3644	0.553	ug/L	#	92
23) Bromochloromethane	4.55	128	1861	0.627	ug/L		80
25) Chloroform	4.68	83	6572	0.575	ug/L		91
27) 1,2-Dichloroethane	5.41	62	4263	0.589	ug/L	#	64
29) 1,1,1-Trichloroethane	4.92	97	5573	0.575	ug/L		98
30) Cyclohexane	4.99	56	6893	0.566	ug/L		96
31) Carbon tetrachloride	5.13	117	5147	0.586	ug/L		94
33) Benzene	5.39	78	14916	0.576	ug/L		100
34) Trichloroethene	6.19	95	3618	0.540	ug/L		95
35) Methylcyclohexane	6.41	83	6335	0.549	ug/L		94
37) 1,2-Dichloropropane	6.44	63	4195	0.565	ug/L	#	96
38) Bromodichloromethane	6.76	83	5129	0.594	ug/L		94
39) cis-1,3-Dichloropropene	7.28	75	5656	0.523	ug/L		88
40) 4-Methyl-2-pentanone	7.48	43	28204	5.624	ug/L		98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101718\
Data File : VU027664.D
Acq On : 17 Oct 2018 08:12
Operator : MD/SY
Sample : VSTD0.541
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.541

Quant Time: Oct 19 05:50:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 05:48:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.64	91	15402	0.554	ug/L		100
44) trans-1,3-Dichloropropene	7.89	75	4890	0.548	ug/L		87
45) 1,1,2-Trichloroethane	8.07	97	2849	0.596	ug/L		97
47) Tetrachloroethene	8.23	164	3107	0.581	ug/L		91
48) 2-Hexanone	8.38	43	19559	5.444	ug/L		96
49) Dibromochloromethane	8.48	129	3295	0.555	ug/L		95
50) 1,2-Dibromoethane	8.59	107	2495	0.557	ug/L	#	97
51) Chlorobenzene	9.12	112	9467	0.555	ug/L		98
52) Ethylbenzene	9.25	91	16977	0.551	ug/L		98
53) m,p-xylene	9.38	106	6153	0.537	ug/L		97
54) o-xylene	9.78	106	6285	0.558	ug/L		95
55) Styrene	9.79	104	10200	0.539	ug/L		96
56) Isopropylbenzene	10.17	105	16433	0.549	ug/L		96
58) 1,1,2,2-Tetrachloroethane	10.46	83	4099	0.656	ug/L		96
59) 1,2,3-Trichloropropane	11.49	75	6652	1.558	ug/L		94
61) Bromoform	9.96	173	1973	0.573	ug/L	#	95
62) 1,3-Dichlorobenzene	11.42	146	6917	0.542	ug/L		95
63) 1,4-Dichlorobenzene	11.51	146	7122	0.556	ug/L		95
65) 1,2-Dichlorobenzene	11.88	146	6931	0.565	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.66	75	573	0.568	ug/L	#	75
67) 1,3,5-Trichlorobenzene	12.89	180	5800	0.560	ug/L		99
68) 1,2,4-trichlorobenzene	13.51	180	4625	0.518	ug/L		97
69) Naphthalene	13.75	128	7660	0.513	ug/L		97
70) 1,2,3-Trichlorobenzene	13.99	180	4439	0.532	ug/L		97

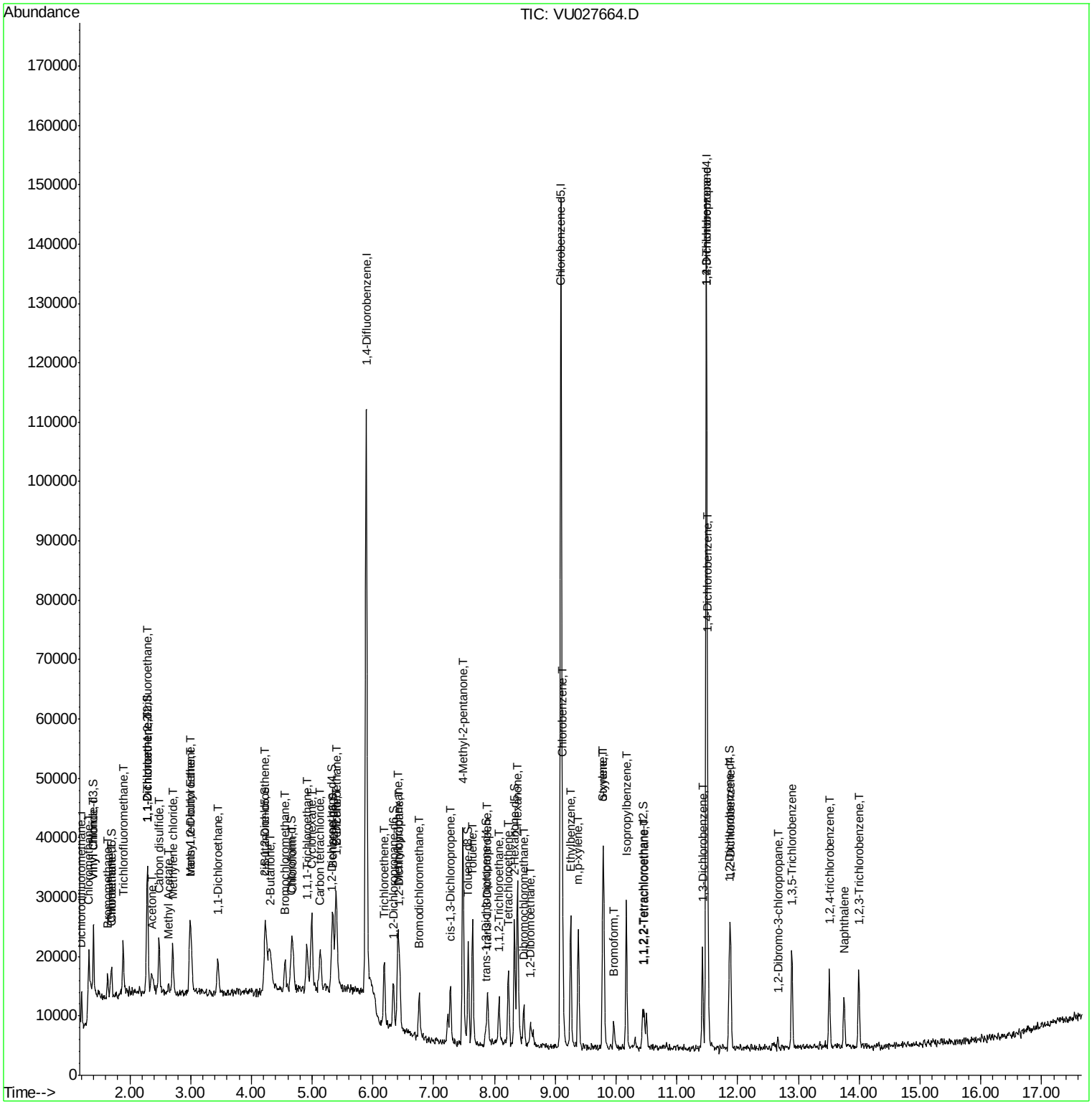
(#) = qualifier out of range (m) = manual integration (+) = signals summed

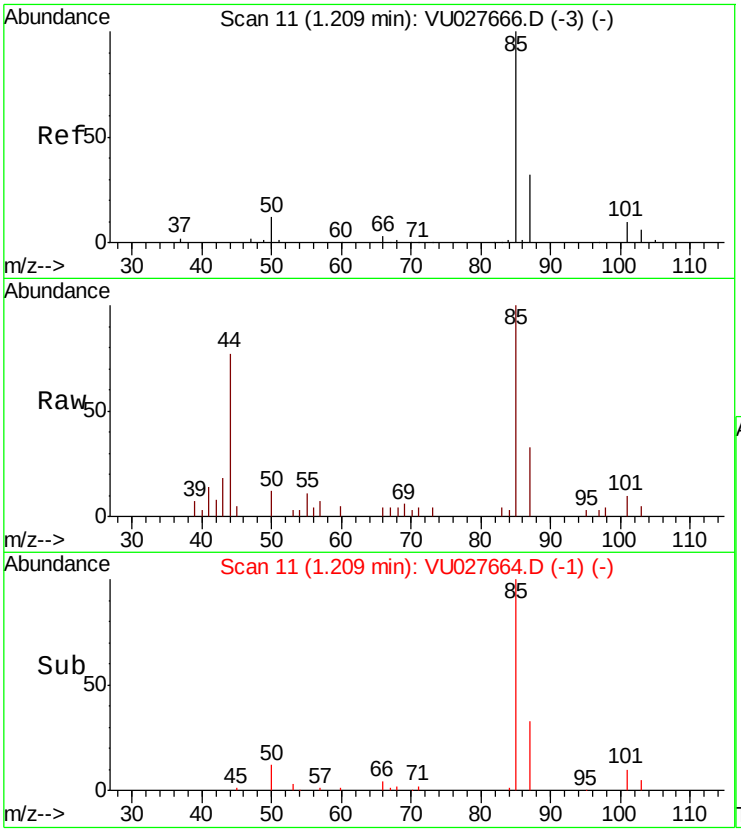
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101718\
Data File : VU027664.D
Acq On : 17 Oct 2018 08:12
Operator : MD/SY
Sample : VSTD0.541
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Quant Time: Oct 19 05:50:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 05:48:15 2018
Response via : Initial Calibration



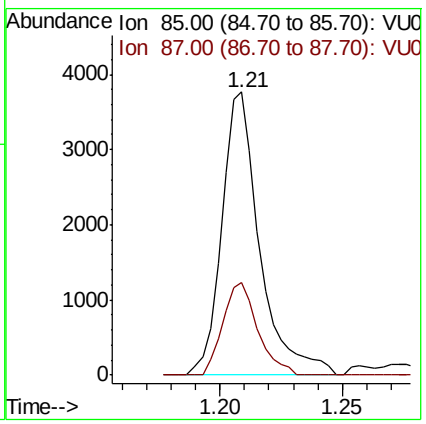


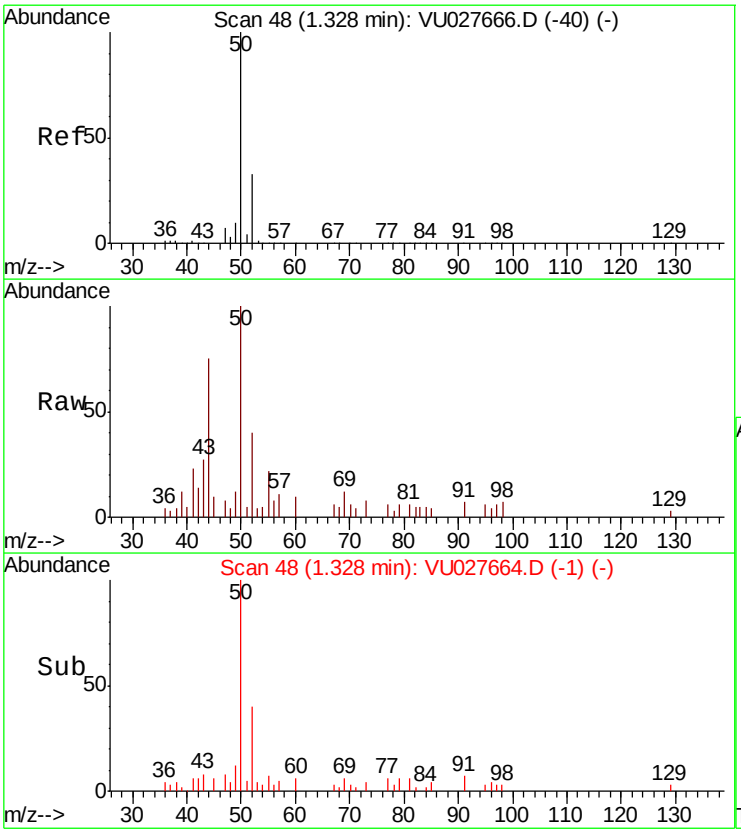
#2
Dichlorodifluoromethane
Concen: 0.604 ug/L
RT: 1.21 min Scan# 11
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion: 85 Resp: 4076

Ion	Ratio	Lower	Upper
85	100		
87	30.2	25.4	38.0

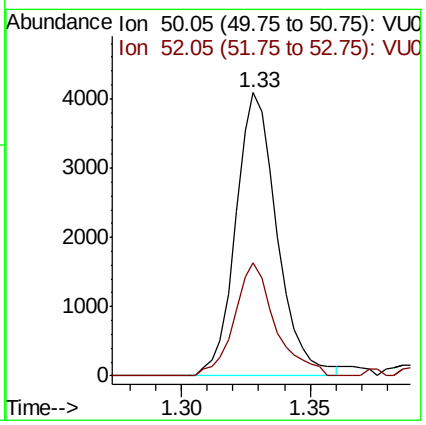


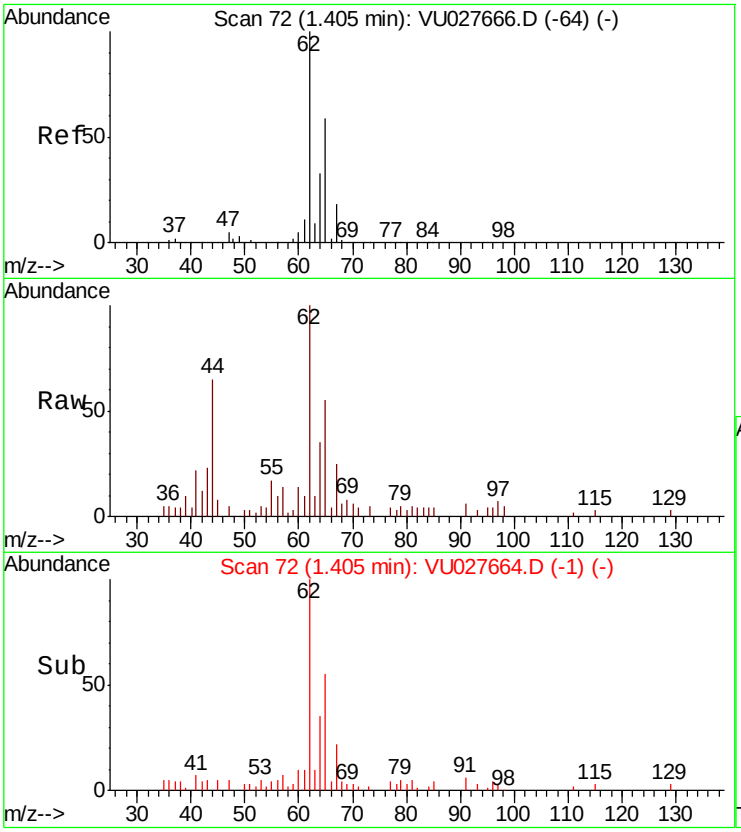


#3
Chloromethane
Concen: 0.570 ug/L
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion: 50 Resp: 4583

Ion	Ratio	Lower	Upper
50	100		
52	39.9	23.4	43.6



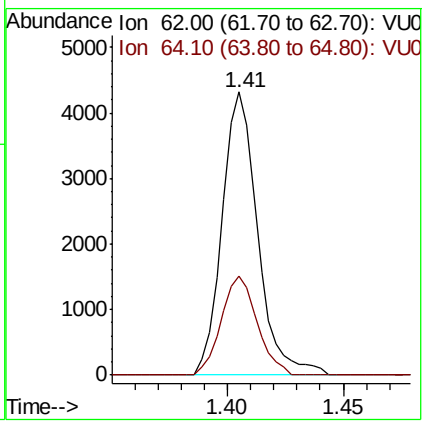


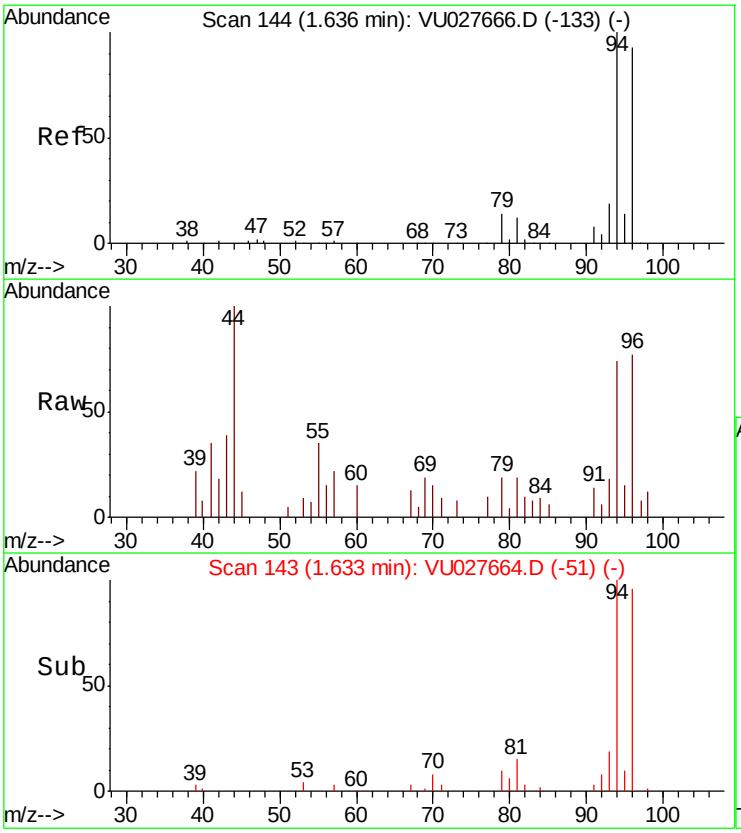
#5
Vinyl chloride
Concen: 0.567 ug/L
RT: 1.41 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion: 62 Resp: 4582

Ion	Ratio	Lower	Upper
62	100		
64	35.1	22.9	42.5

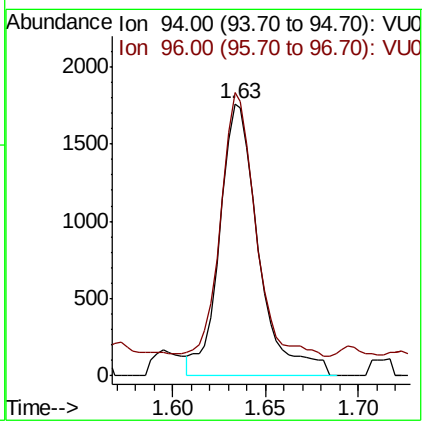


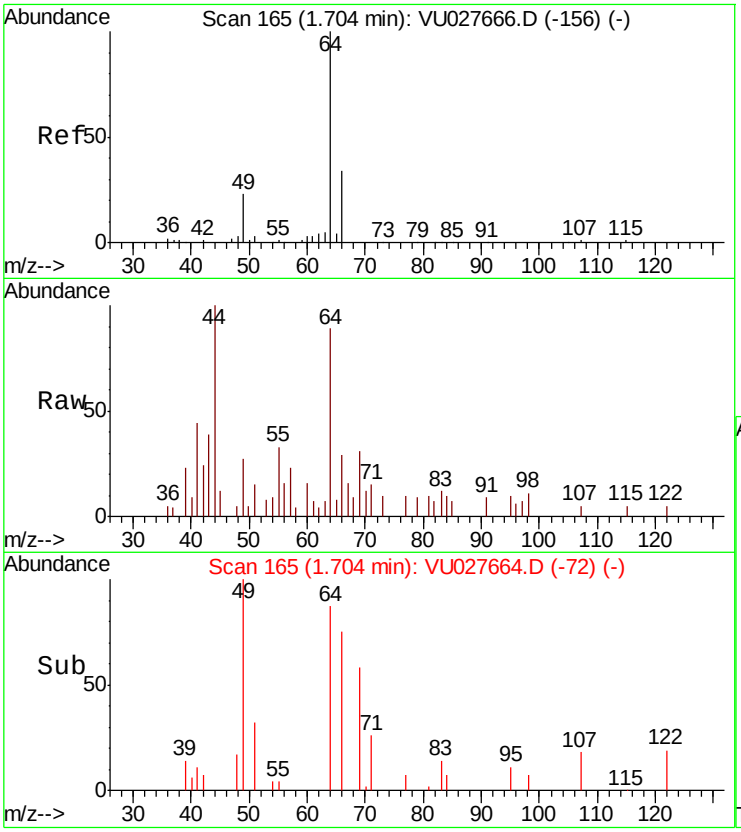


#6
Bromomethane
Concen: 0.592 ug/L
RT: 1.63 min Scan# 143
Delta R.T. -0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion: 94 Resp: 2562

Ion	Ratio	Lower	Upper
94	100		
96	104.0	65.7	122.1



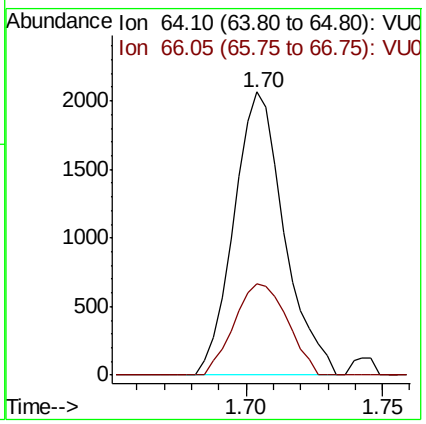


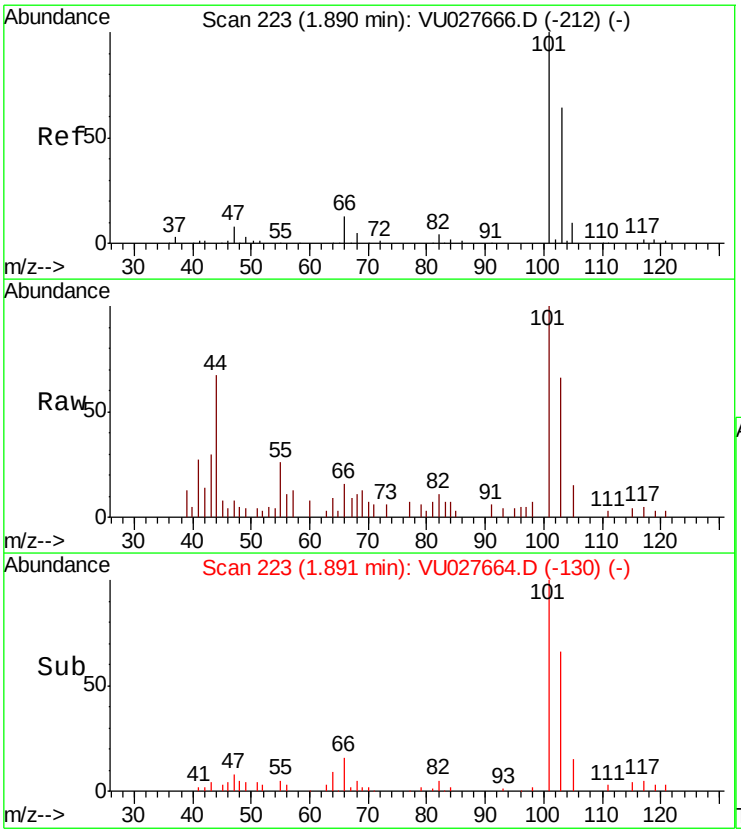
#8
Chloroethane
Concen: 0.568 ug/L
RT: 1.70 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion: 64 Resp: 2643

Ion	Ratio	Lower	Upper
64	100		
66	32.2	23.5	43.7

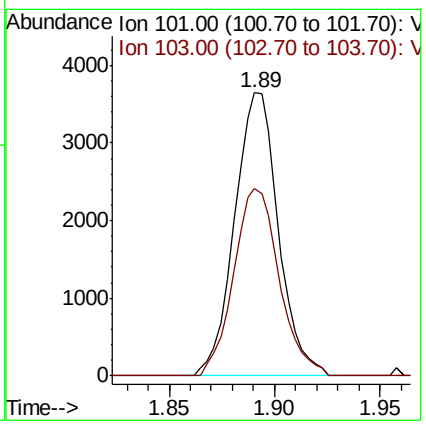


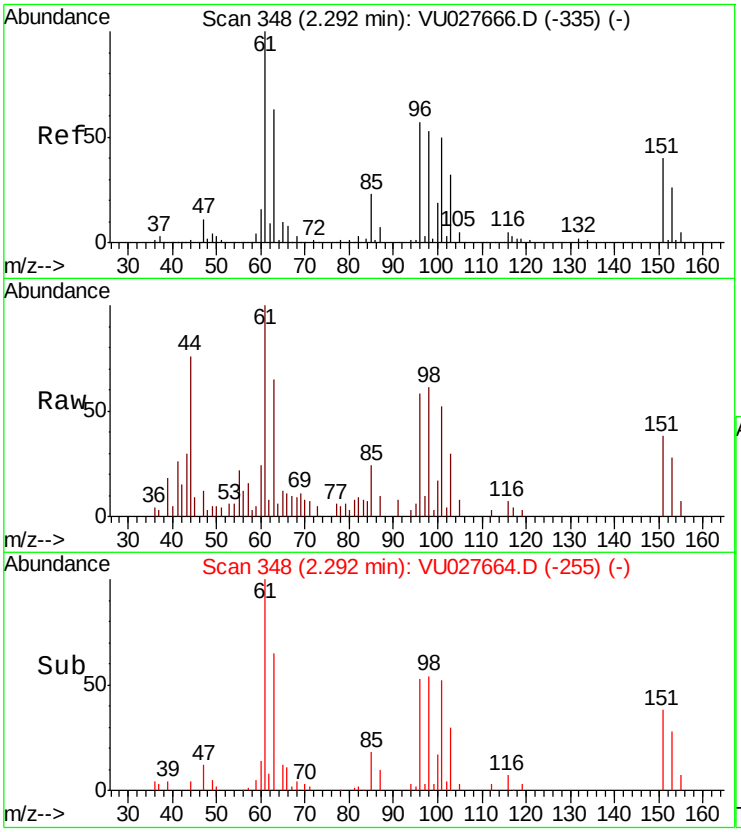


#9
Trichlorofluoromethane
Concen: 0.564 ug/L
RT: 1.89 min Scan# 223
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion:101 Resp: 5253

Ion	Ratio	Lower	Upper
101	100		
103	69.0	52.2	78.4



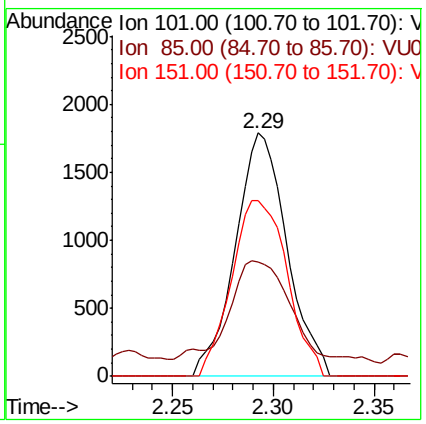


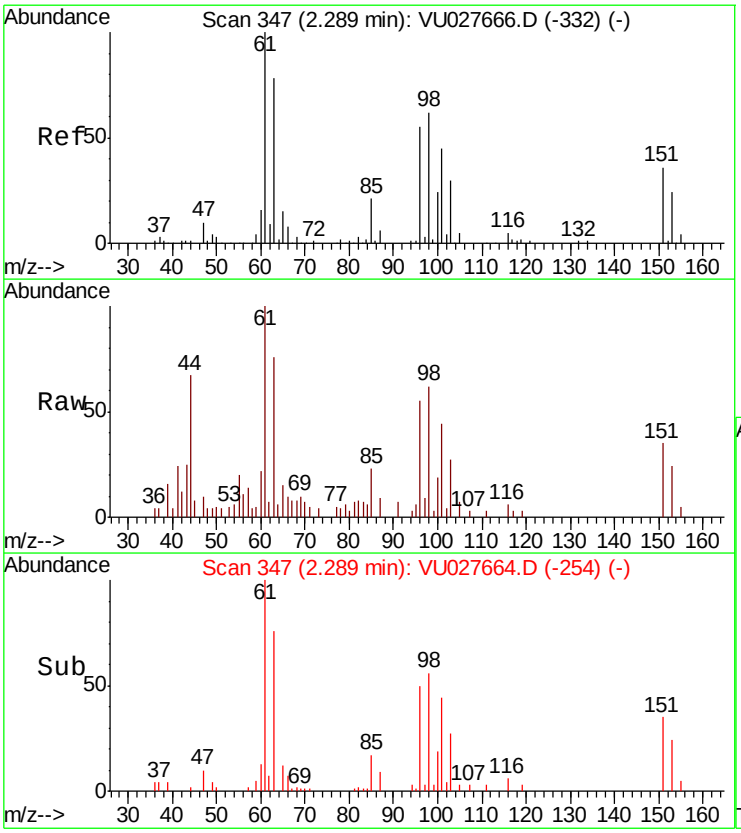
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.570 ug/L
RT: 2.29 min Scan# 348
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion:101 Resp: 3203

Ion	Ratio	Lower	Upper
101	100		
85	47.9	35.6	53.4
151	77.8	63.8	95.6

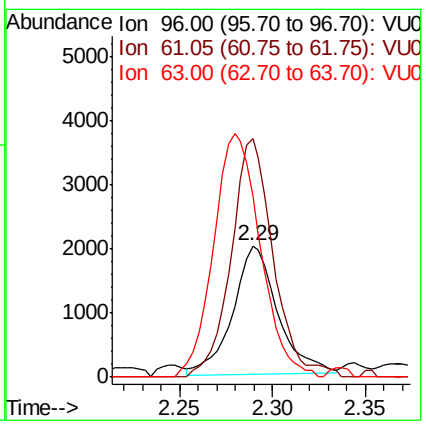


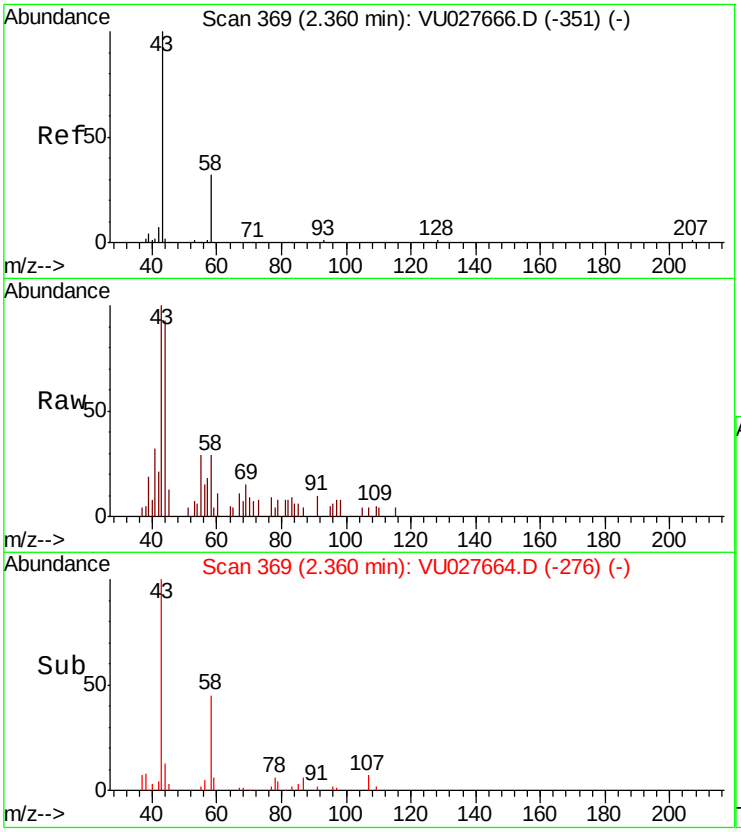


#12
1,1-Dichloroethene
Concen: 0.599 ug/L
RT: 2.29 min Scan# 347
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion: 96 Resp: 3352

Ion	Ratio	Lower	Upper
96	100		
61	182.6	125.6	233.2
63	138.4	97.6	181.2



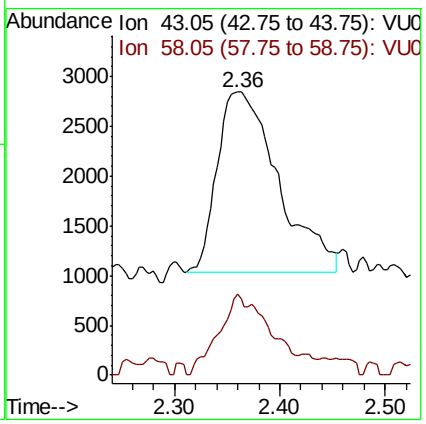


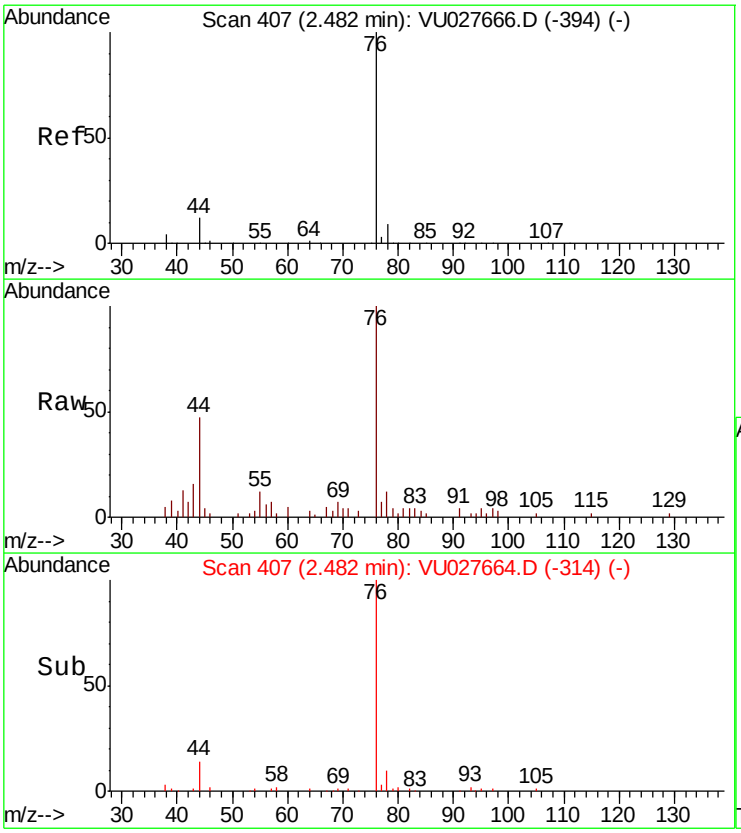
#13
Acetone
Concen: 6.084 ug/L
RT: 2.36 min Scan# 369
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument : MSVOA_U
ClientSampleId : VSTD0.541

Tgt Ion: 43 Resp: 7274

Ion	Ratio	Lower	Upper
43	100		
58	37.8	0.0	66.4

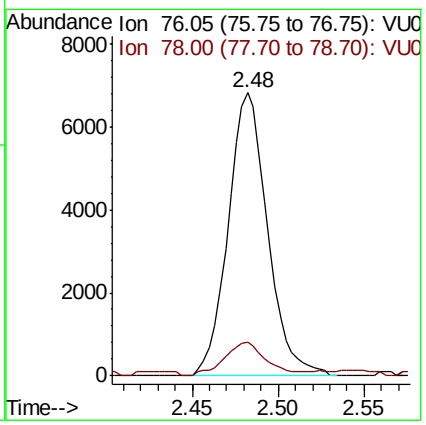


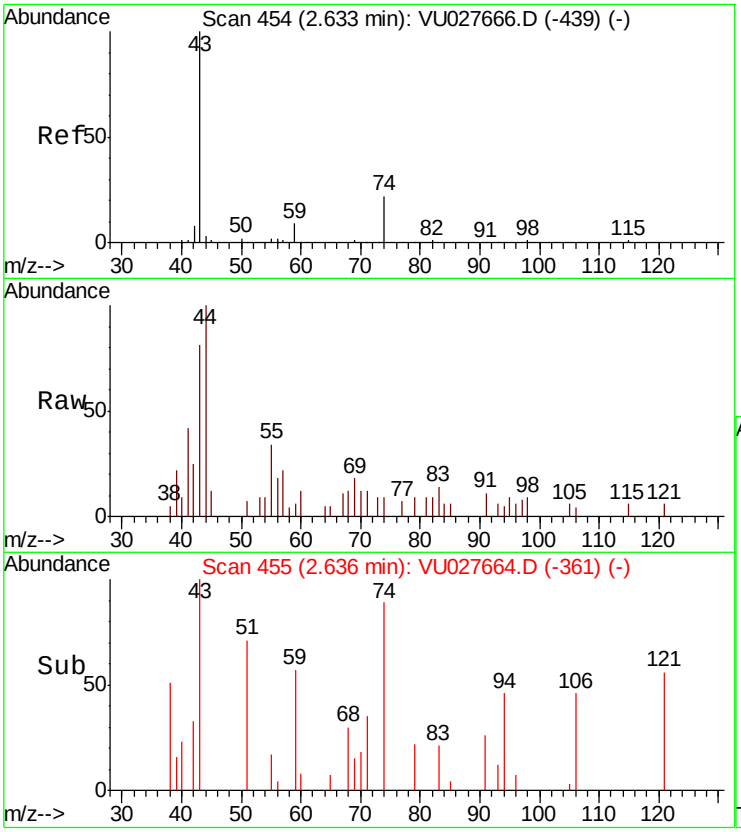


#14
Carbon disulfide
Concen: 0.561 ug/L
RT: 2.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion: 76 Resp: 10887

Ion	Ratio	Lower	Upper
76	100		
78	11.9	7.4	11.0#



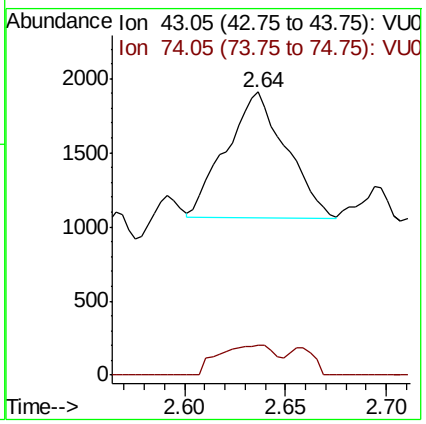


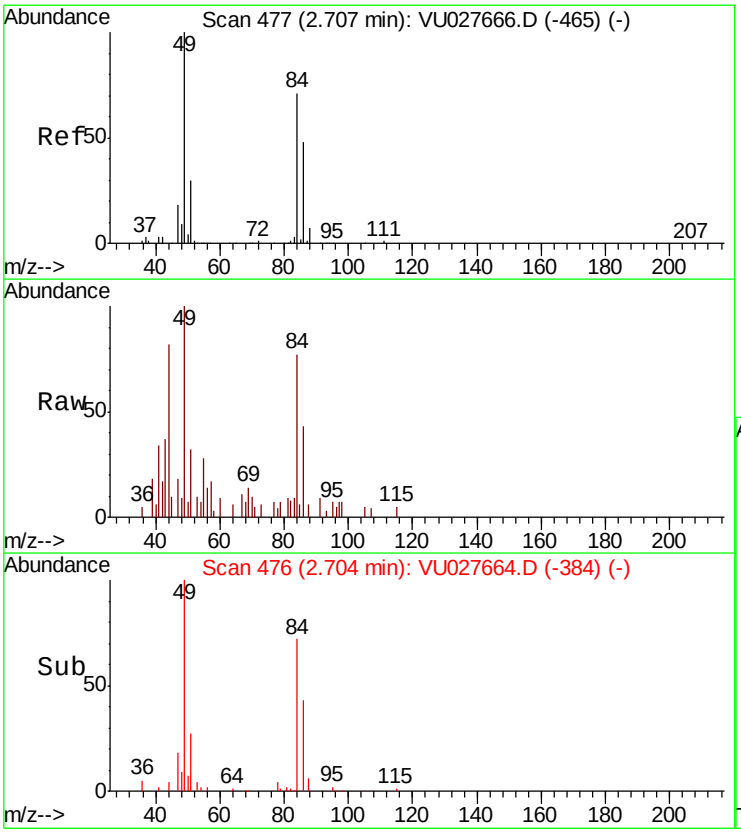
#15
Methyl Acetate
Concen: 0.552 ug/L
RT: 2.64 min Scan# 455
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion: 43 Resp: 1762

Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.7	28.1

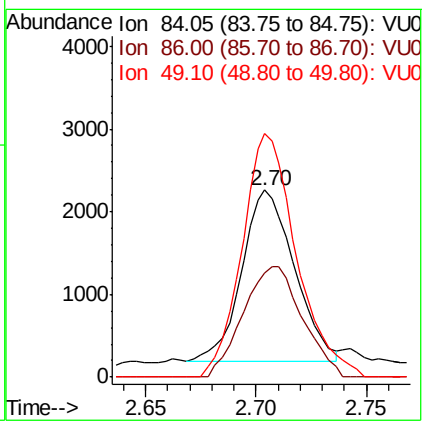


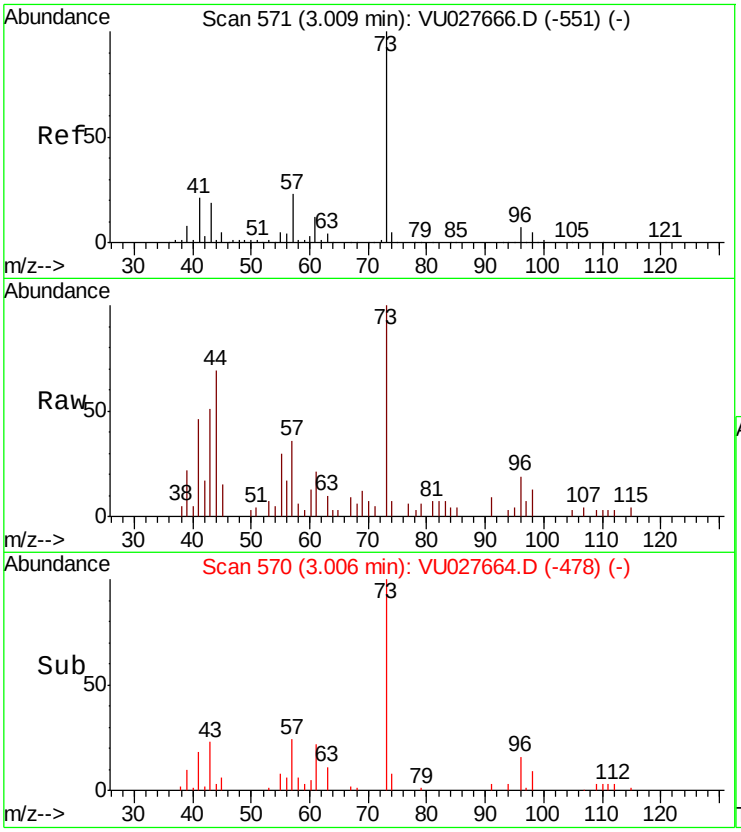


#16
Methylene chloride
Concen: 0.560 ug/L
RT: 2.70 min Scan# 476
Delta R.T. -0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion: 84 Resp: 3418

Ion	Ratio	Lower	Upper
84	100		
86	55.9	46.1	85.7
49	130.2	96.9	179.9



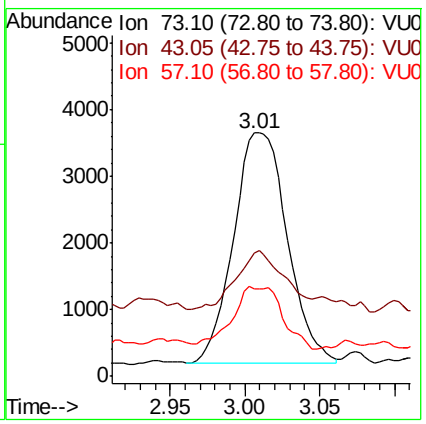


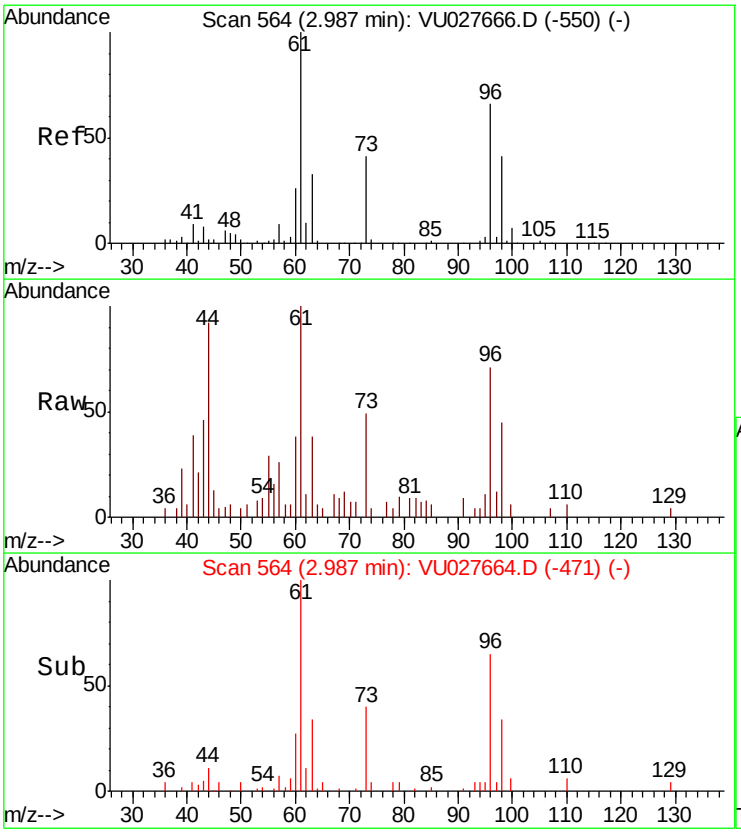
#17
Methyl tert-butyl Ether
Concen: 0.556 ug/L
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument : MSVOA_U
ClientSampleId : VSTD0.541

Tgt Ion: 73 Resp: 8611

Ion	Ratio	Lower	Upper
73	100		
43	22.4	15.8	23.8
57	25.9	18.7	28.1

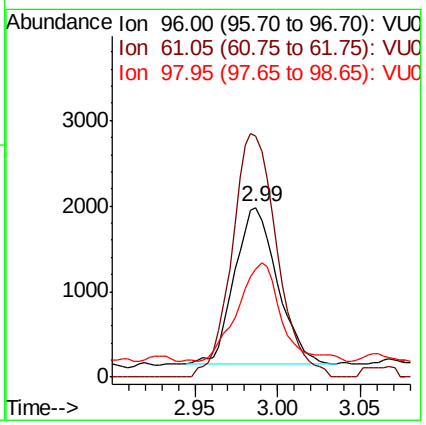


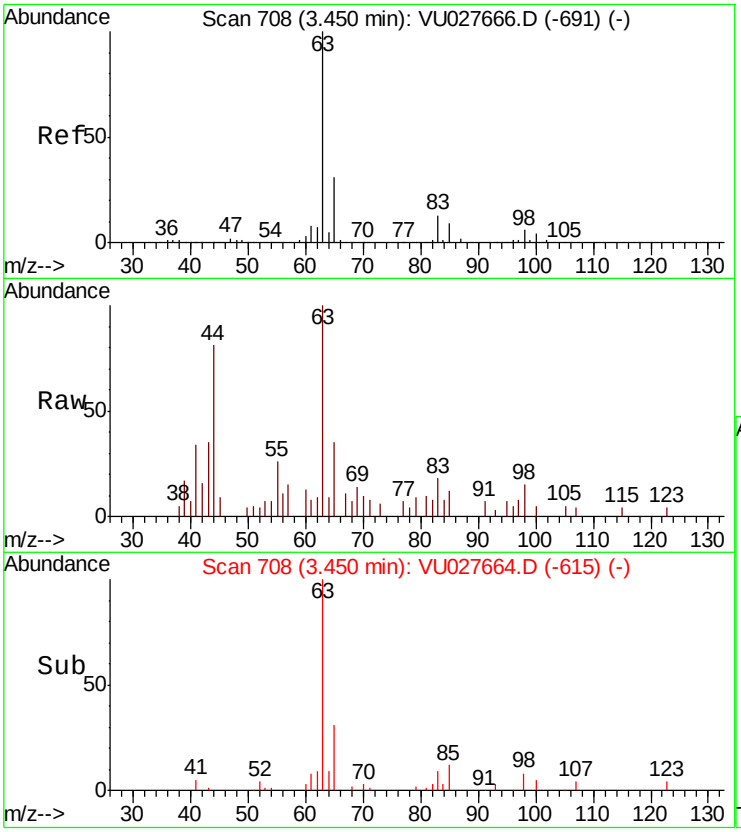


#18
trans-1,2-Dichloroethene
Concen: 0.552 ug/L
RT: 2.99 min Scan# 564
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion: 96 Resp: 3283

Ion	Ratio	Lower	Upper
96	100		
61	141.7	105.8	196.4
98	63.4	43.6	81.0



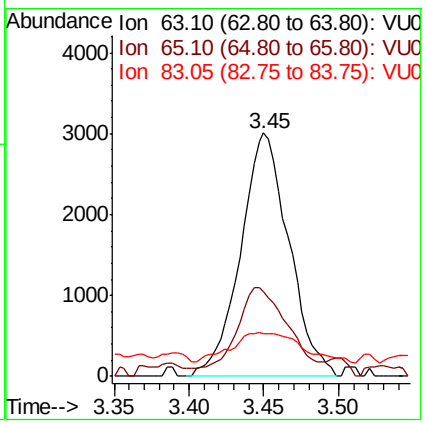


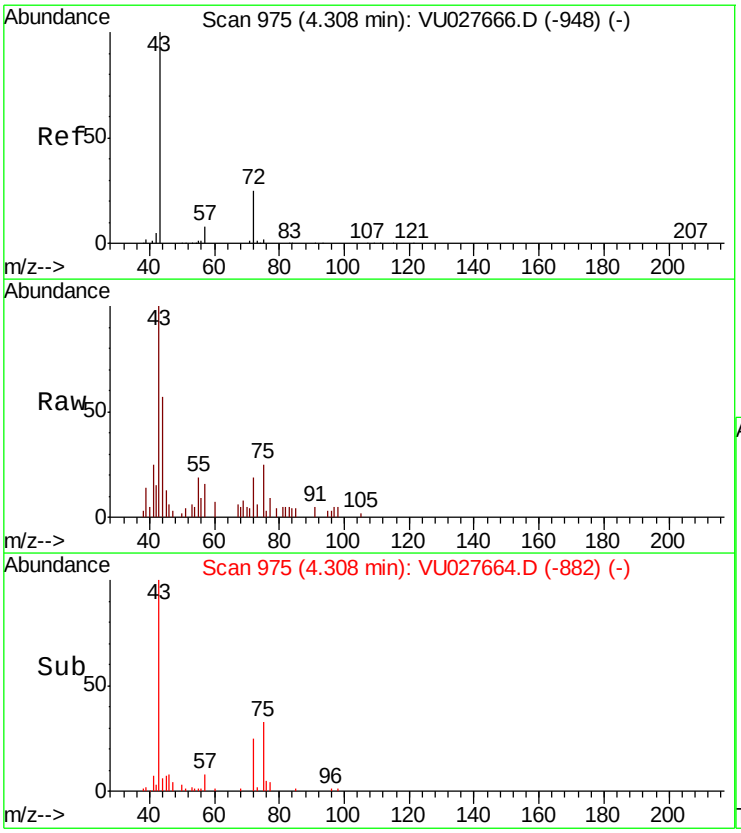
#19
1,1-Dichloroethane
Concen: 0.571 ug/L
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion: 63 Resp: 6762

Ion	Ratio	Lower	Upper
63	100		
65	34.6	22.3	41.3
83	17.8	9.7	17.9

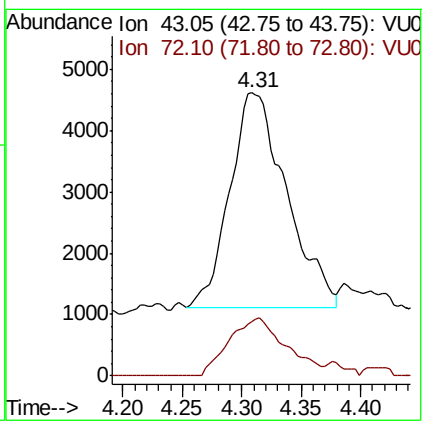


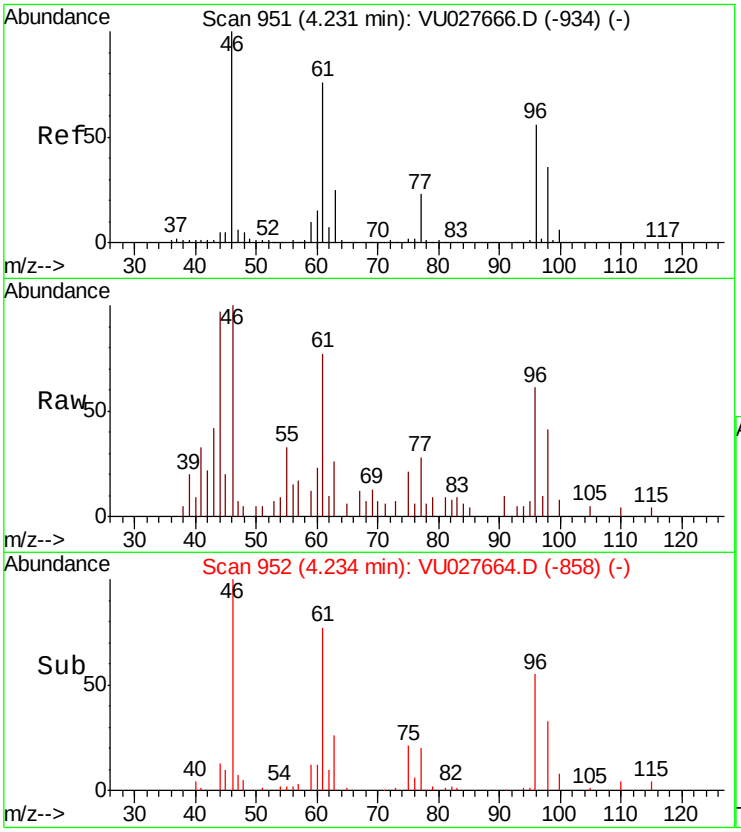


#21
2-Butanone
Concen: 5.561 ug/L
RT: 4.31 min Scan# 975
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion: 43 Resp: 11552

Ion	Ratio	Lower	Upper
43	100		
72	27.2	11.7	35.1



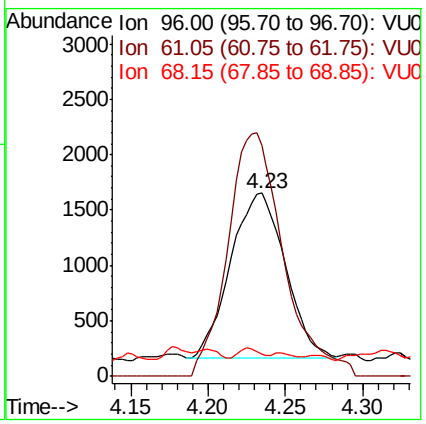


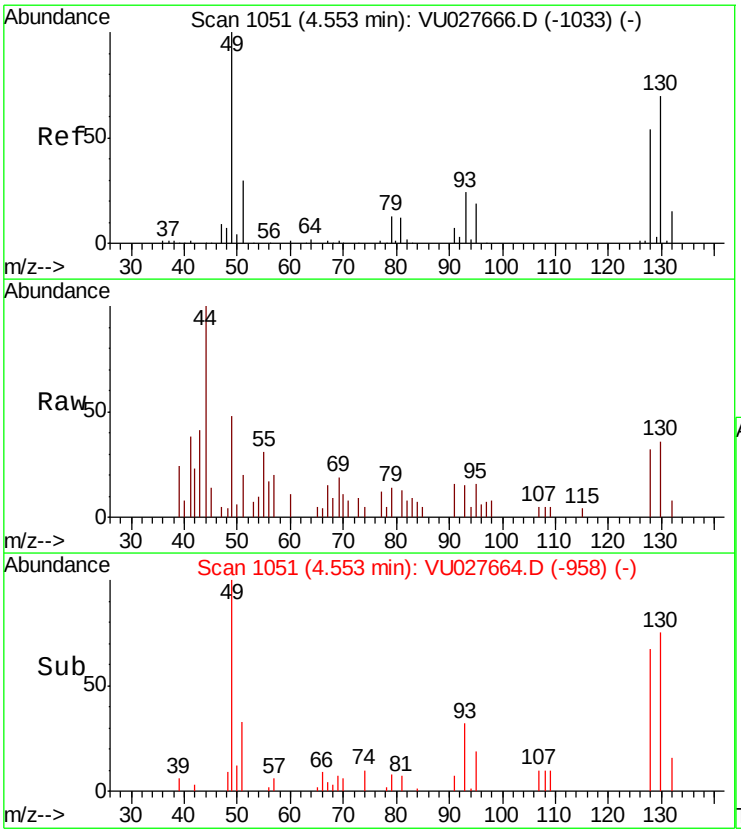
#22
cis-1,2-Dichloroethene
Concen: 0.553 ug/L
RT: 4.23 min Scan# 952
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion: 96 Resp: 3644

Ion	Ratio	Lower	Upper
96	100		
61	126.5	95.3	176.9
68	11.8	1.1	2.1#

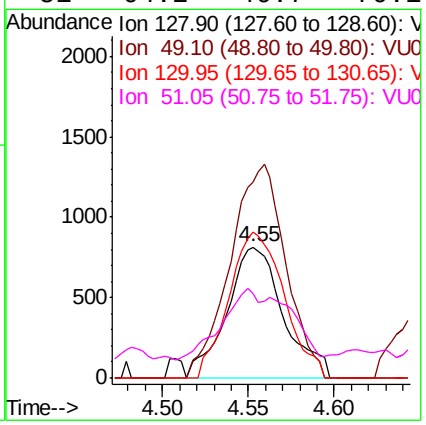


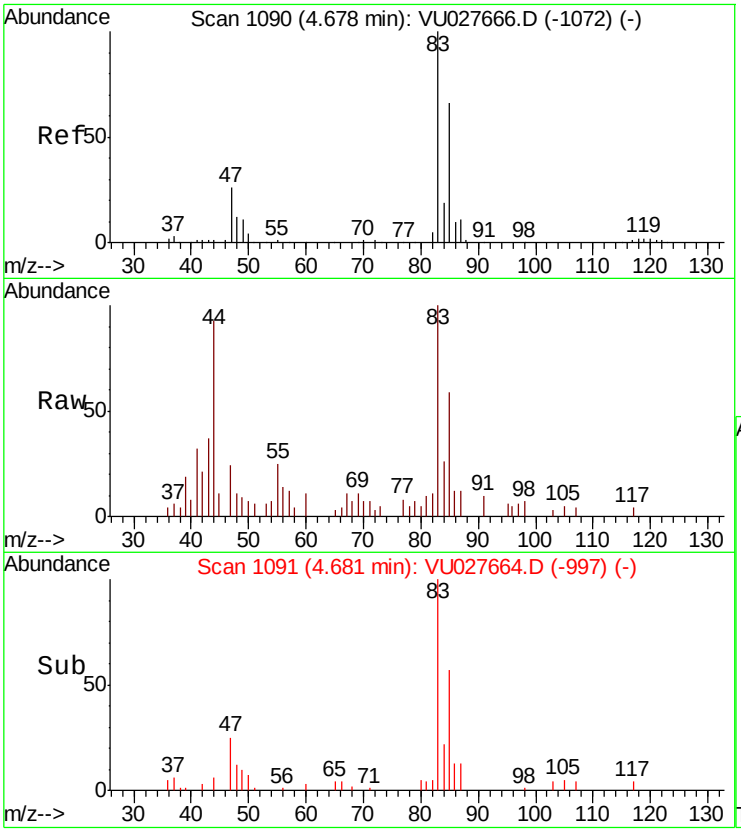


#23
Bromochloromethane
Concen: 0.627 ug/L
RT: 4.55 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion:128 Resp: 1861

Ion	Ratio	Lower	Upper
128	100		
49	149.4	130.4	242.2
130	111.7	91.9	170.7
51	64.2	46.7	70.1



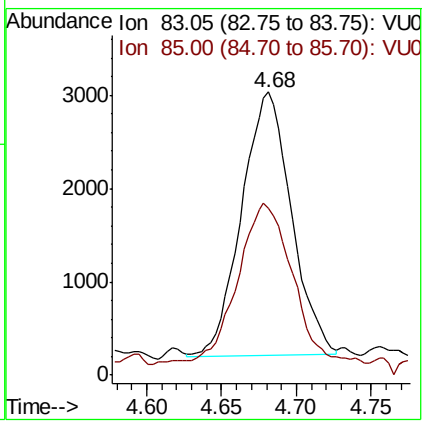


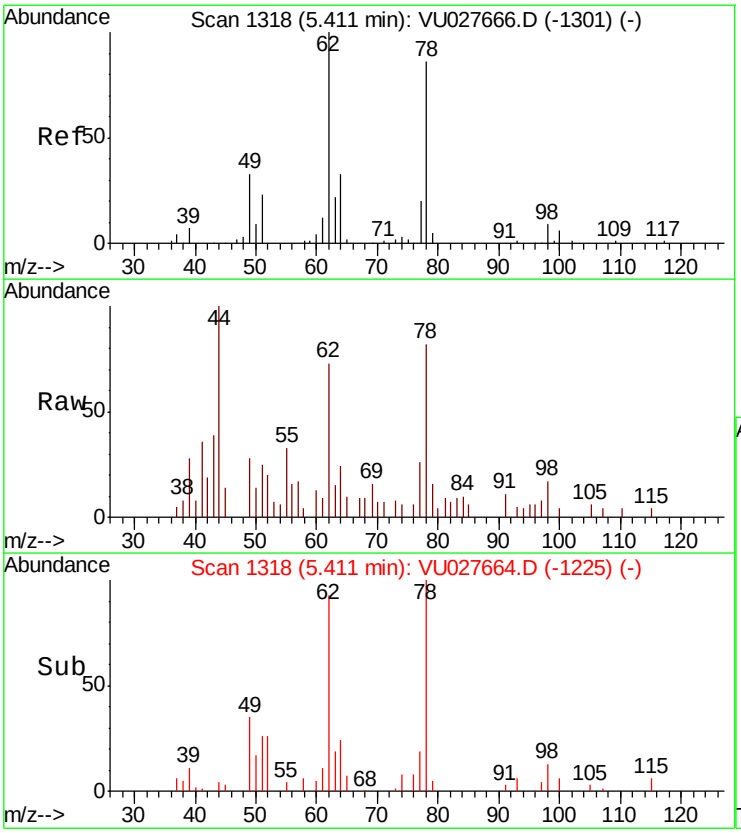
#25
Chloroform
Concen: 0.575 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion: 83 Resp: 6572

Ion	Ratio	Lower	Upper
83	100		
85	59.0	46.1	85.7

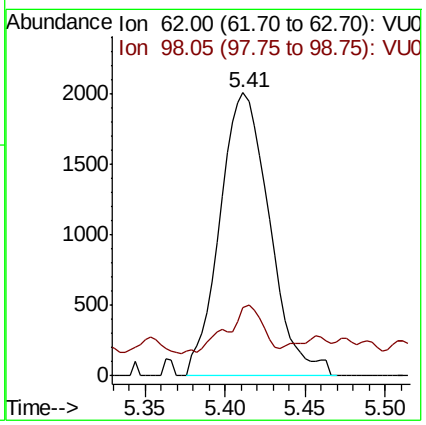


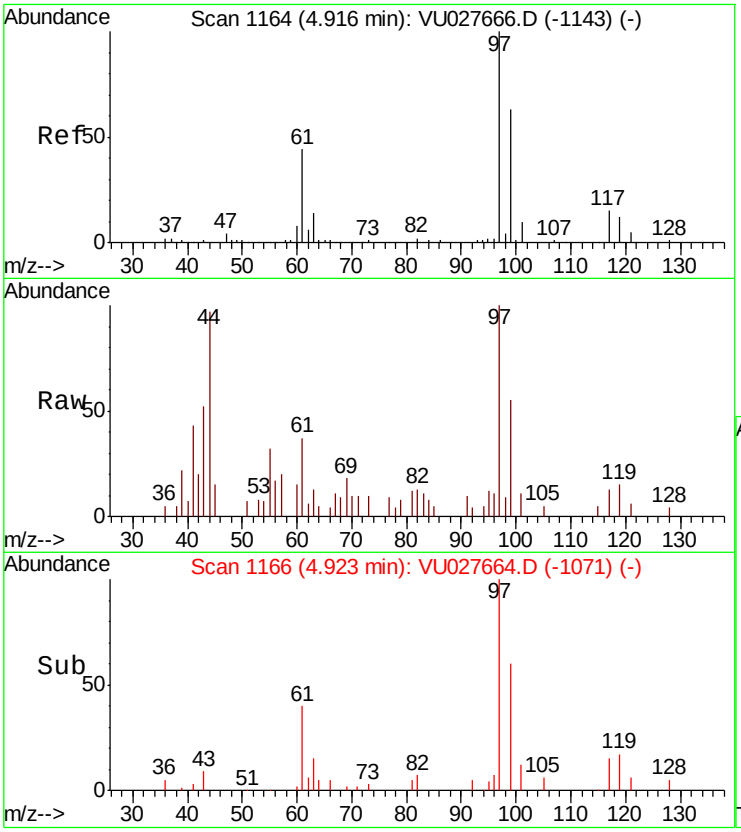


#27
1,2-Dichloroethane
Concen: 0.589 ug/L
RT: 5.41 min Scan# 1318
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion: 62 Resp: 4263

Ion	Ratio	Lower	Upper
62	100		
98	24.0	8.4	12.6#



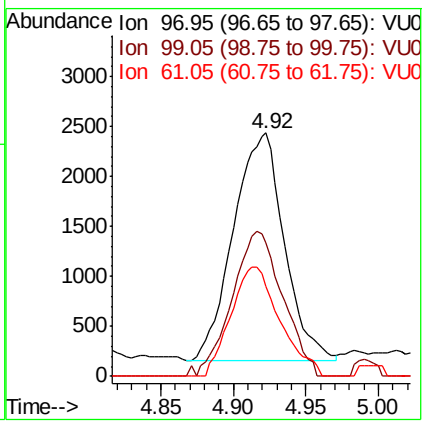


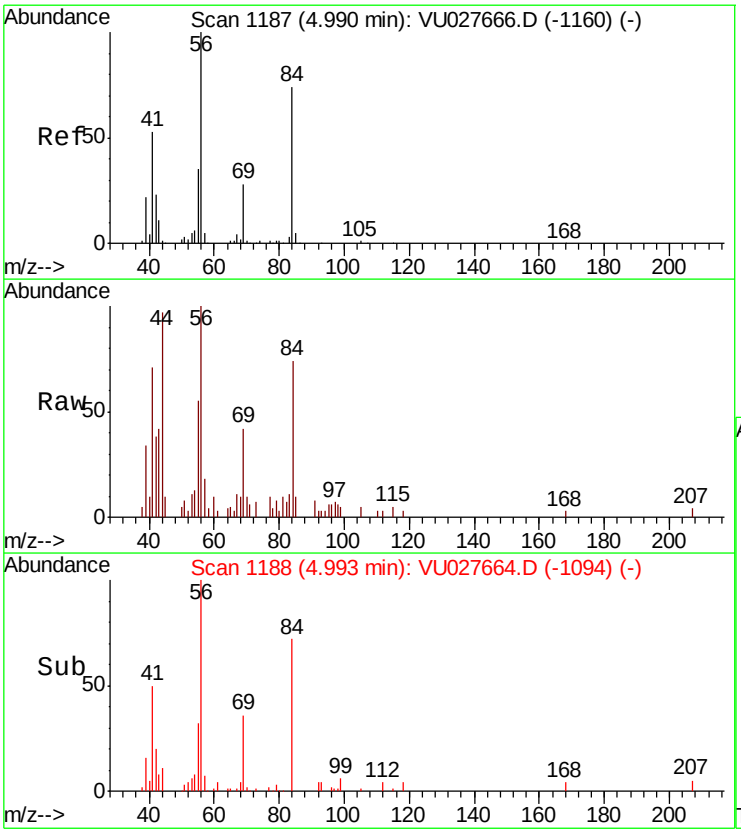
#29
1,1,1-Trichloroethane
Concen: 0.575 ug/L
RT: 4.92 min Scan# 1166
Delta R.T. 0.01 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion: 97 Resp: 5573

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.4	77.2
61	46.1	35.7	53.5

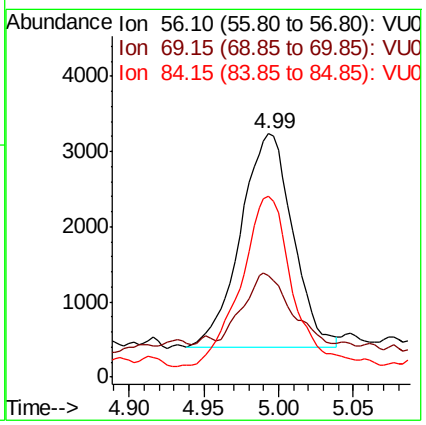


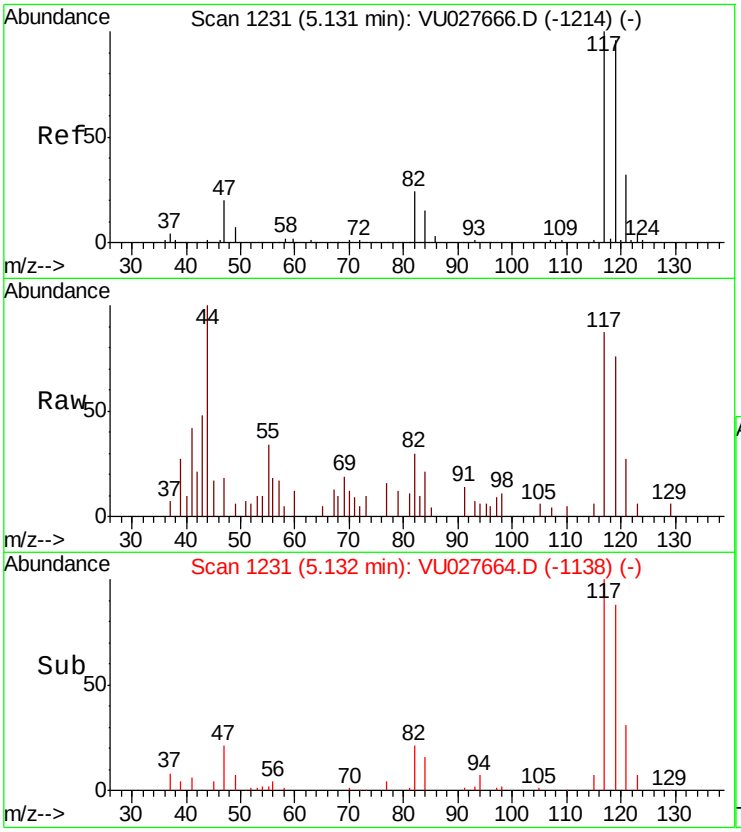


#30
Cyclohexane
Concen: 0.566 ug/L
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion: 56 Resp: 6893

Ion	Ratio	Lower	Upper
56	100		
69	31.7	23.4	35.2
84	77.7	59.4	89.2



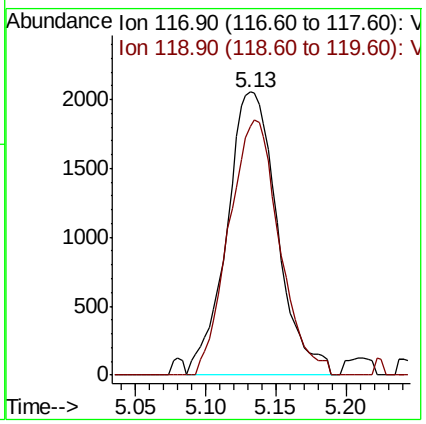


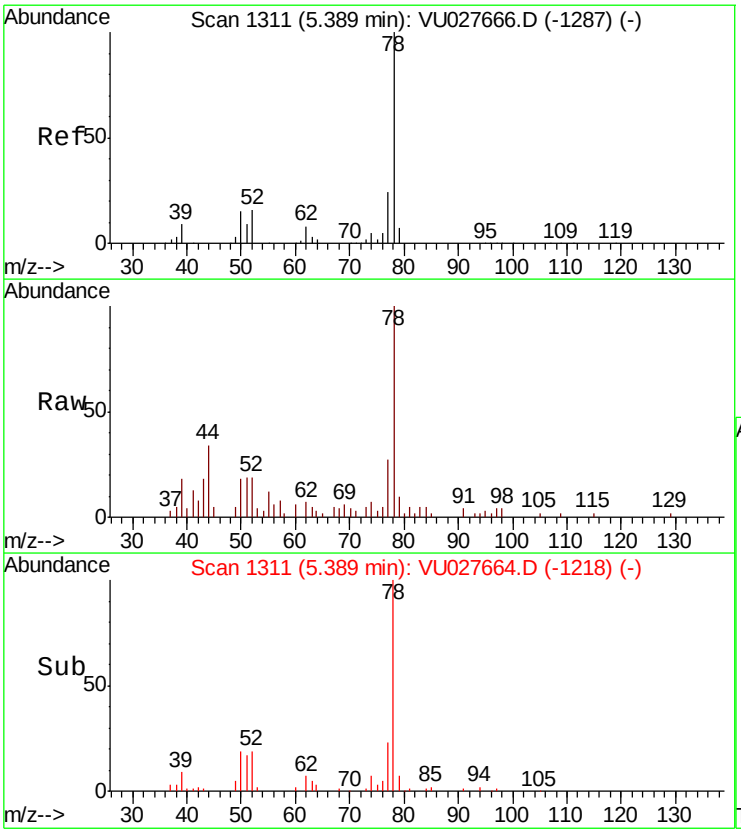
#31
Carbon tetrachloride
Concen: 0.586 ug/L
RT: 5.13 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion:117 Resp: 5147

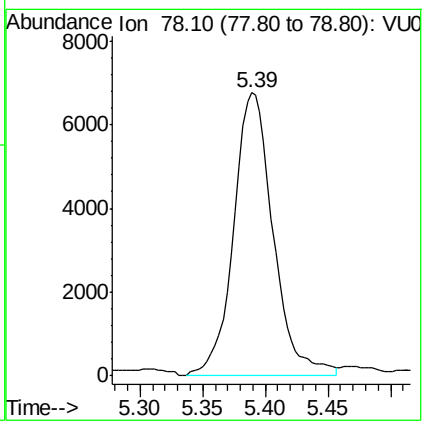
Ion	Ratio	Lower	Upper
117	100		
119	90.1	77.1	115.7

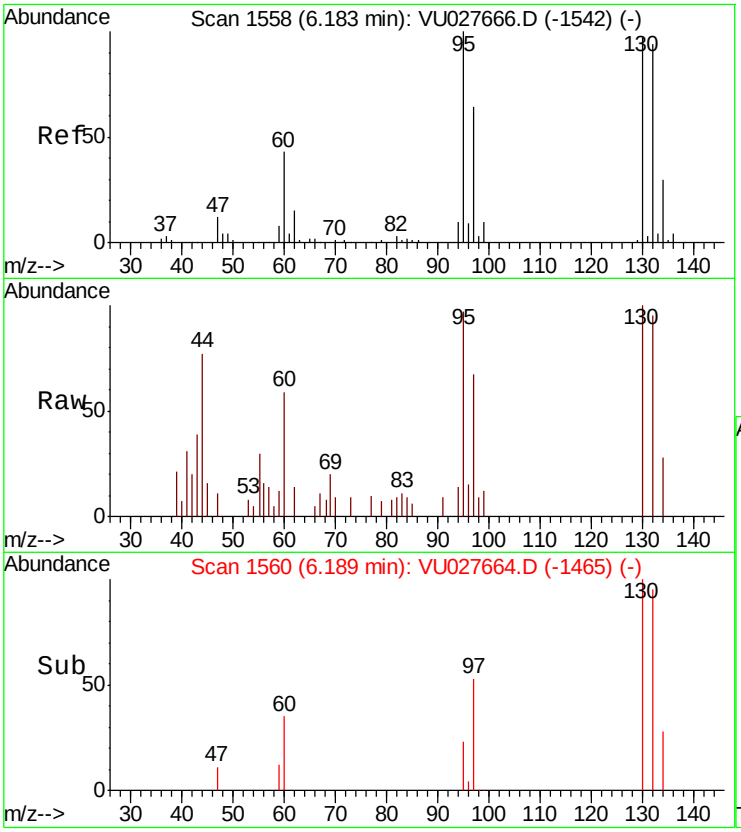




#33
Benzene
Concen: 0.576 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion: 78 Resp: 14916



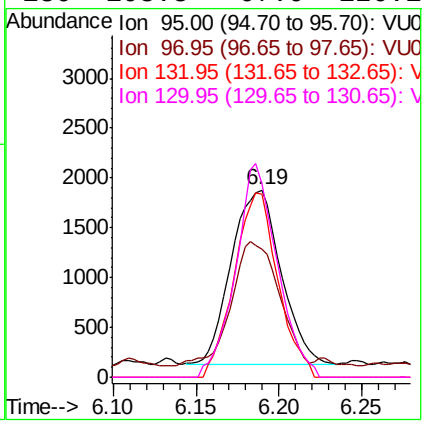


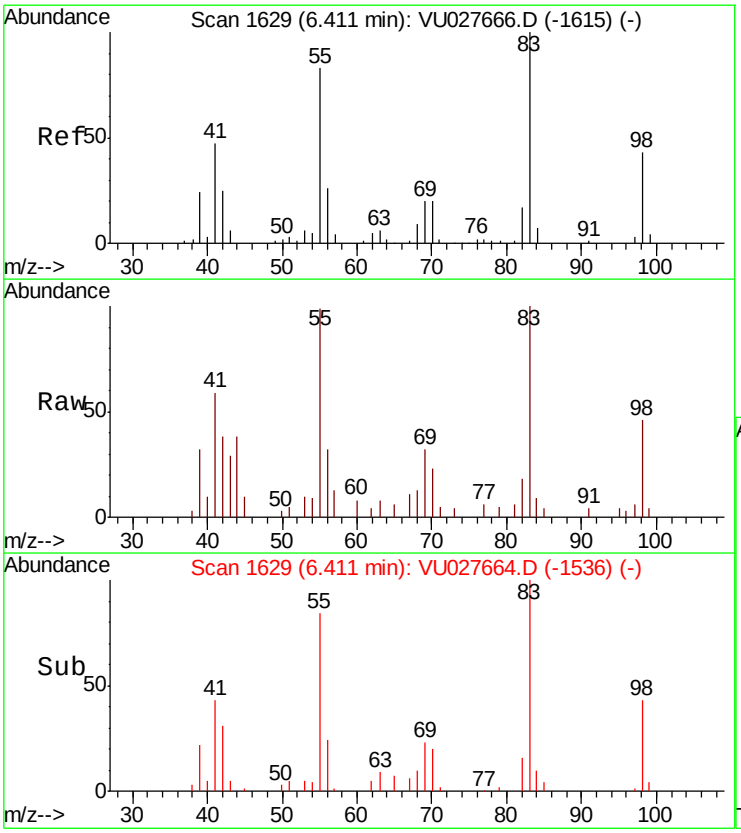
#34
Trichloroethene
Concen: 0.540 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion: 95 Resp: 3618

Ion	Ratio	Lower	Upper
95	100		
97	68.7	44.7	83.1
132	97.8	65.9	122.5
130	103.3	67.9	126.1

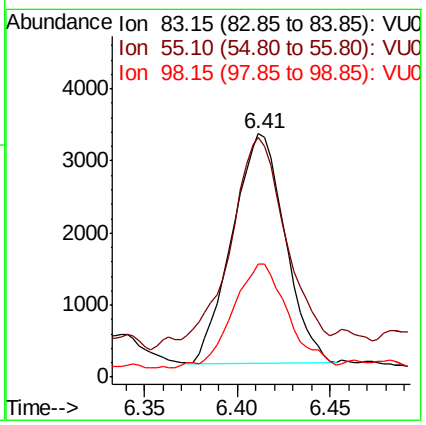


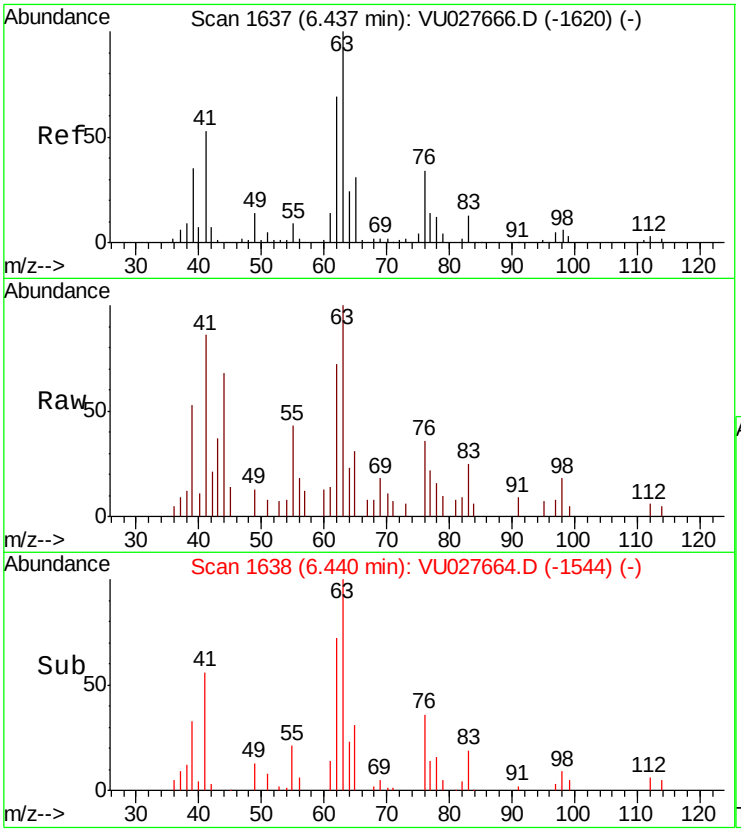


#35
Methylcyclohexane
Concen: 0.549 ug/L
RT: 6.41 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion: 83 Resp: 6335

Ion	Ratio	Lower	Upper
83	100		
55	92.4	69.0	103.4
98	47.7	35.4	53.2



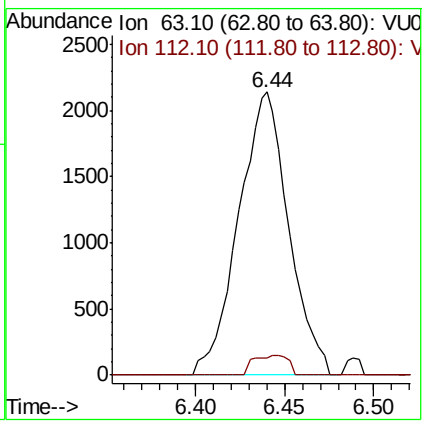


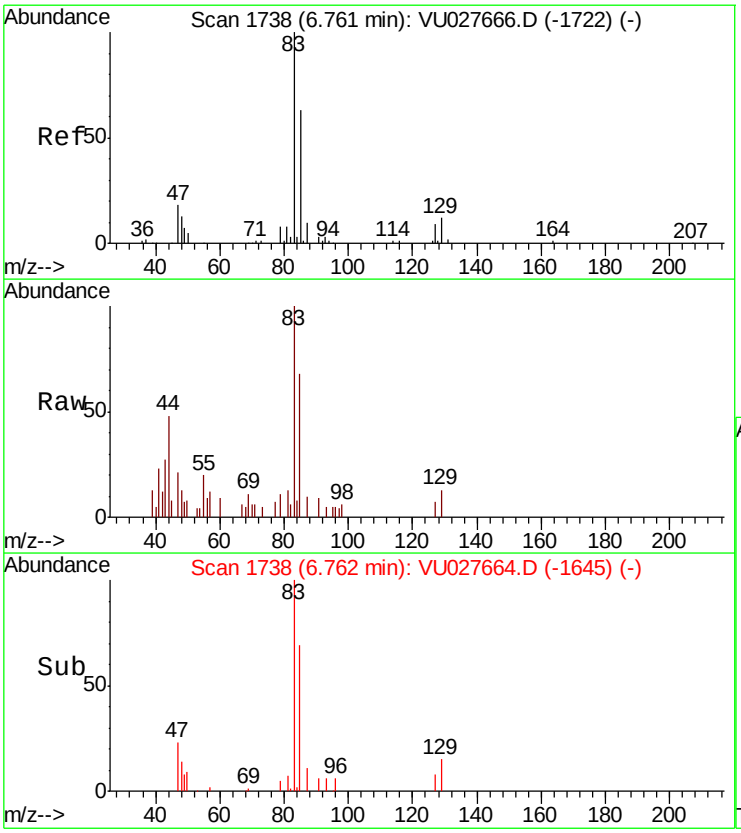
#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.44 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument : MSVOA_U
ClientSampleId : VSTD0.541

Tgt Ion: 63 Resp: 4195

Ion	Ratio	Lower	Upper
63	100		
112	4.9	2.8	4.2#

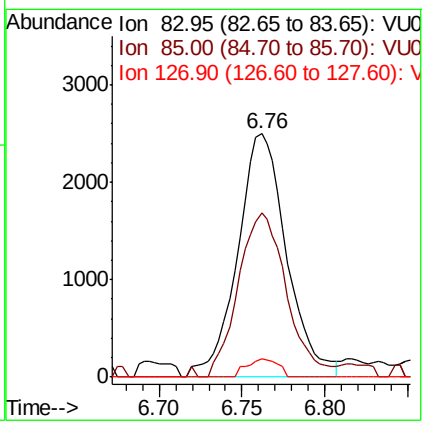


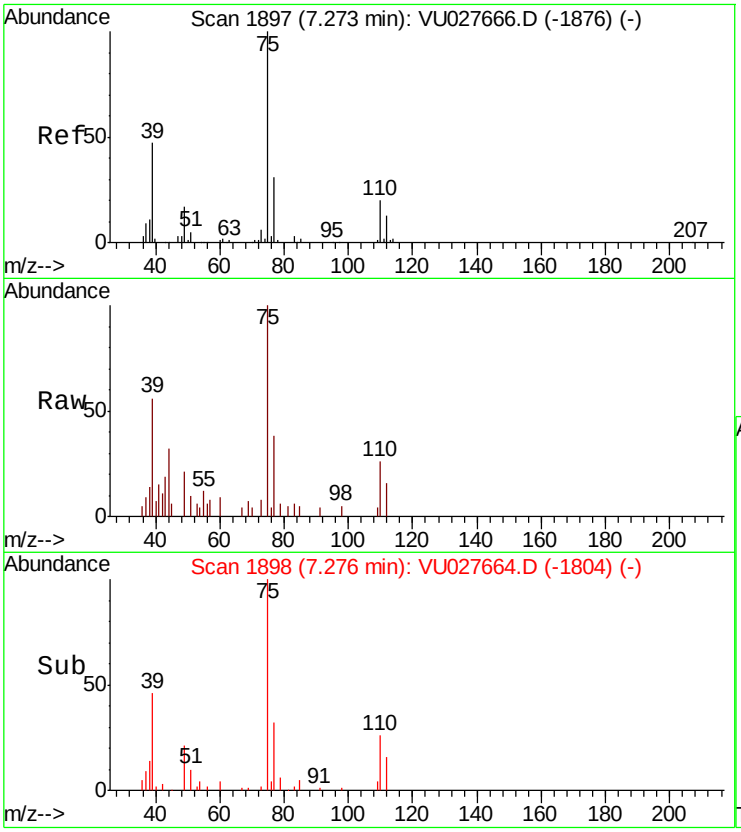


#38
Bromodichloromethane
Concen: 0.594 ug/L
RT: 6.76 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion: 83 Resp: 5129

Ion	Ratio	Lower	Upper
83	100		
85	67.7	43.7	81.1
127	7.4	7.0	10.4



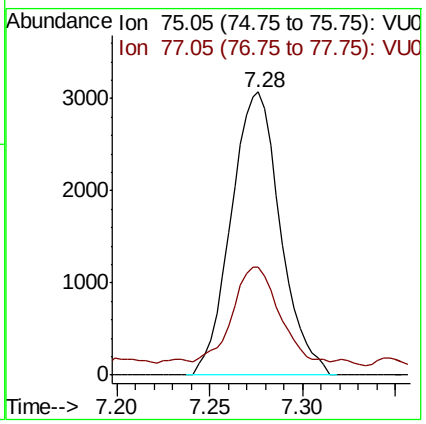


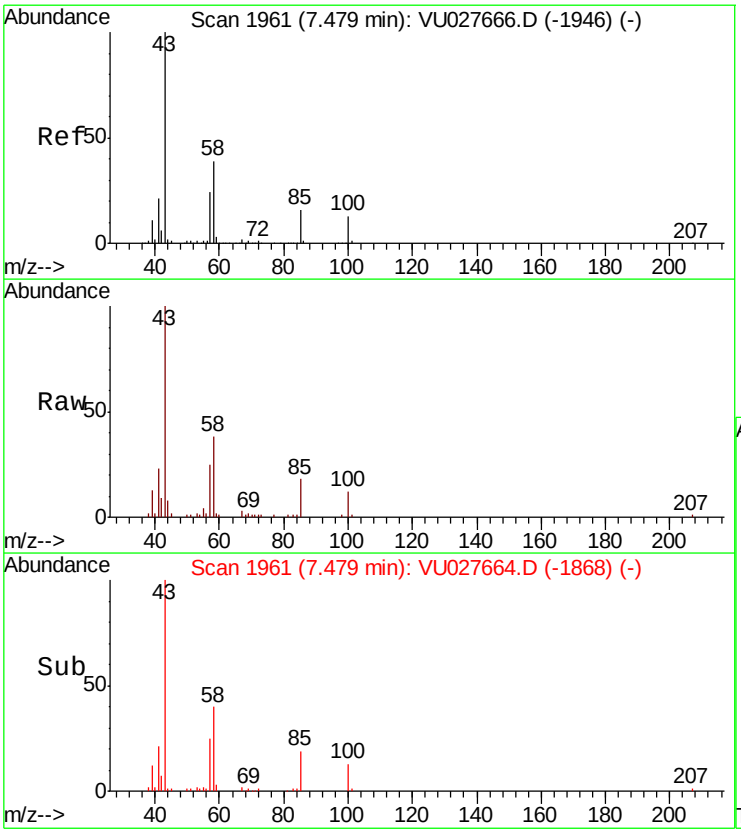
#39
cis-1,3-Dichloropropene
Concen: 0.523 ug/L
RT: 7.28 min Scan# 1898
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion: 75 Resp: 5656

Ion	Ratio	Lower	Upper
75	100		
77	38.1	22.2	41.2

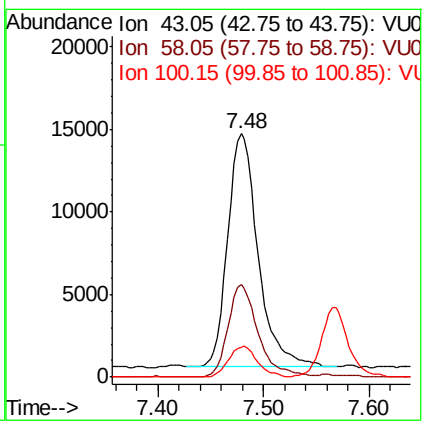


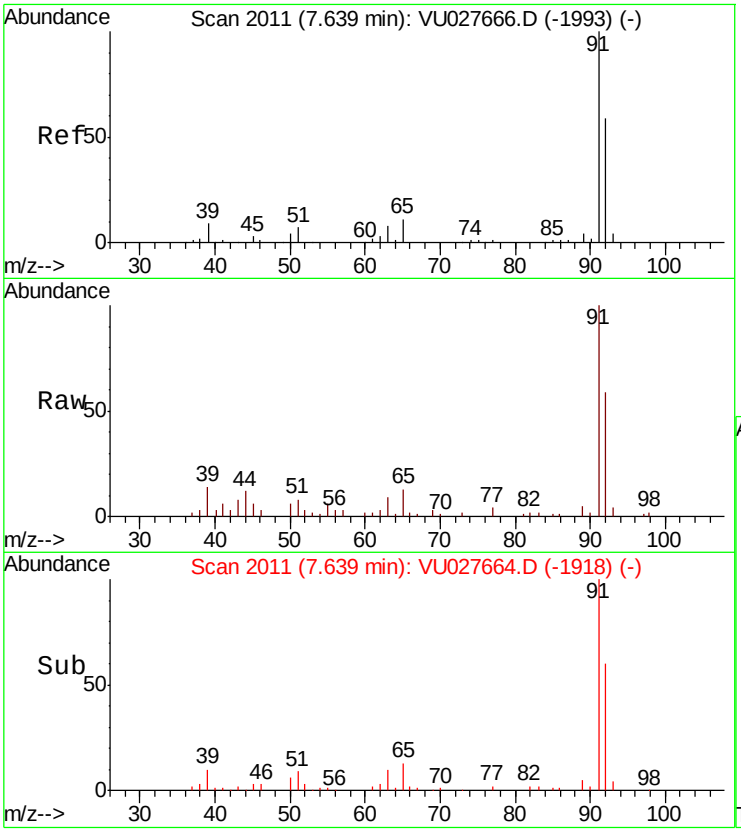


#40
4-Methyl-2-pentanone
Concen: 5.624 ug/L
RT: 7.48 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion: 43 Resp: 28204

Ion	Ratio	Lower	Upper
43	100		
58	39.5	30.4	45.6
100	12.5	10.2	15.4



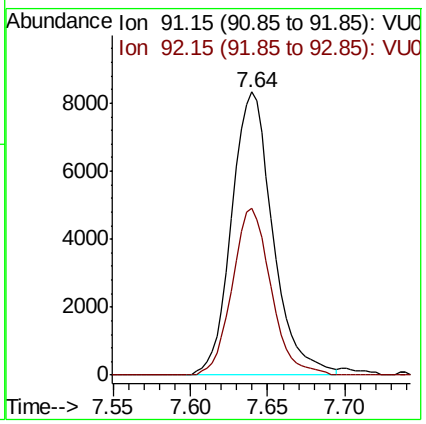


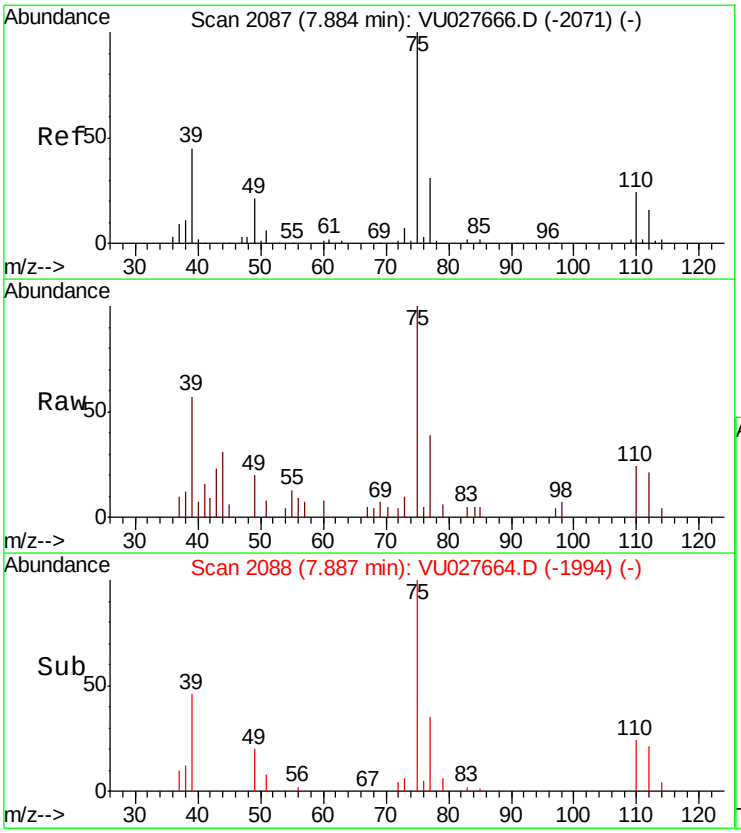
#42
Toluene
Concen: 0.554 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument : MSVOA_U
ClientSampleId : VSTD0.541

Tgt Ion: 91 Resp: 15402

Ion	Ratio	Lower	Upper
91	100		
92	58.8	41.1	76.3

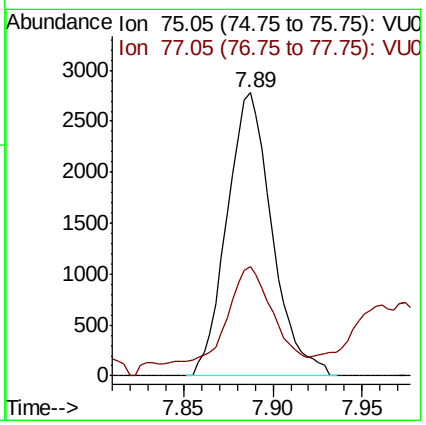


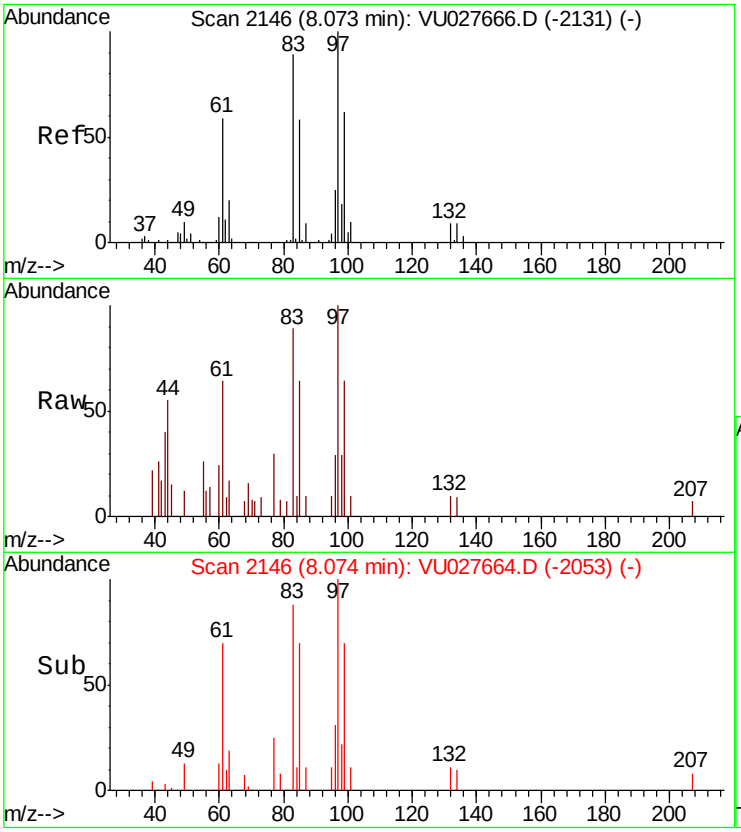


#44
trans-1,3-Dichloropropene
Concen: 0.548 ug/L
RT: 7.89 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion: 75 Resp: 4890

Ion	Ratio	Lower	Upper
75	100		
77	38.6	22.0	40.8



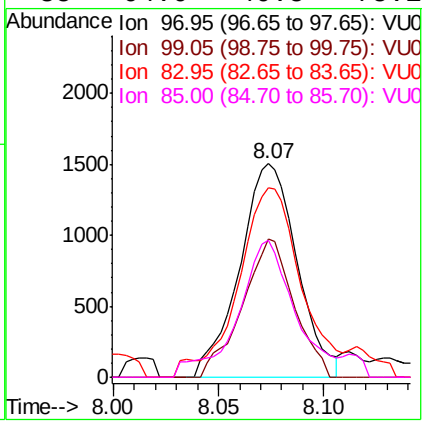


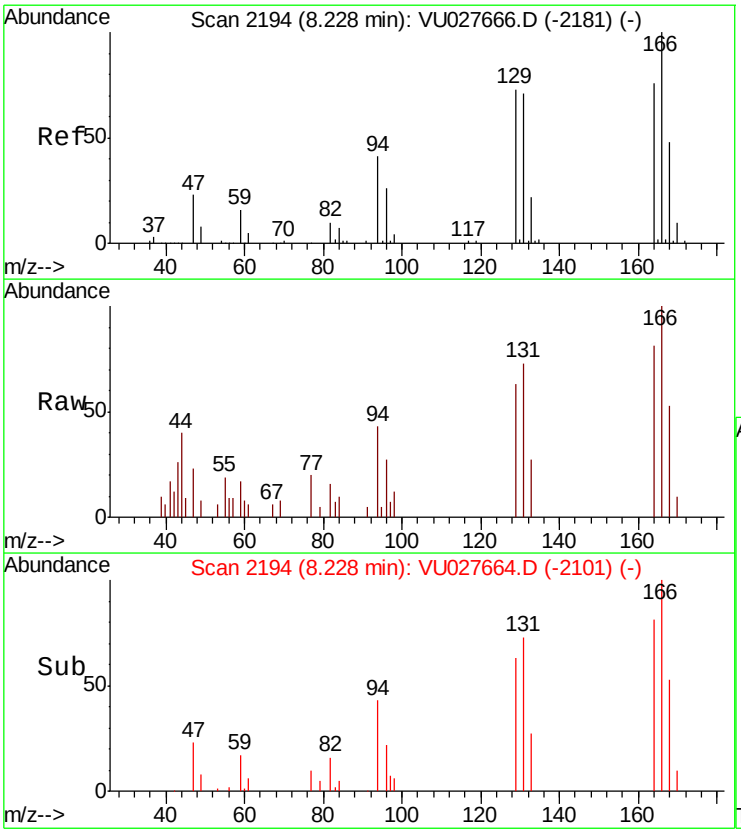
#45
1,1,2-Trichloroethane
Concen: 0.596 ug/L
RT: 8.07 min Scan# 2146
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion: 97 Resp: 2849

Ion	Ratio	Lower	Upper
97	100		
99	64.5	43.5	80.7
83	88.5	62.0	115.2
85	64.0	40.5	75.1

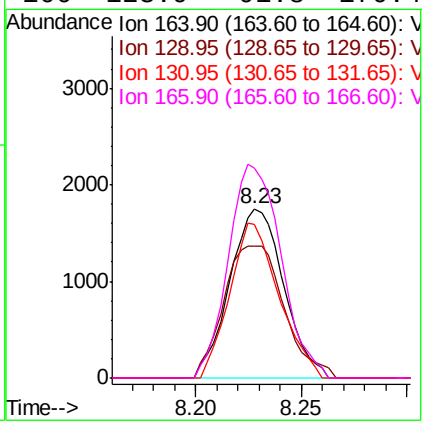


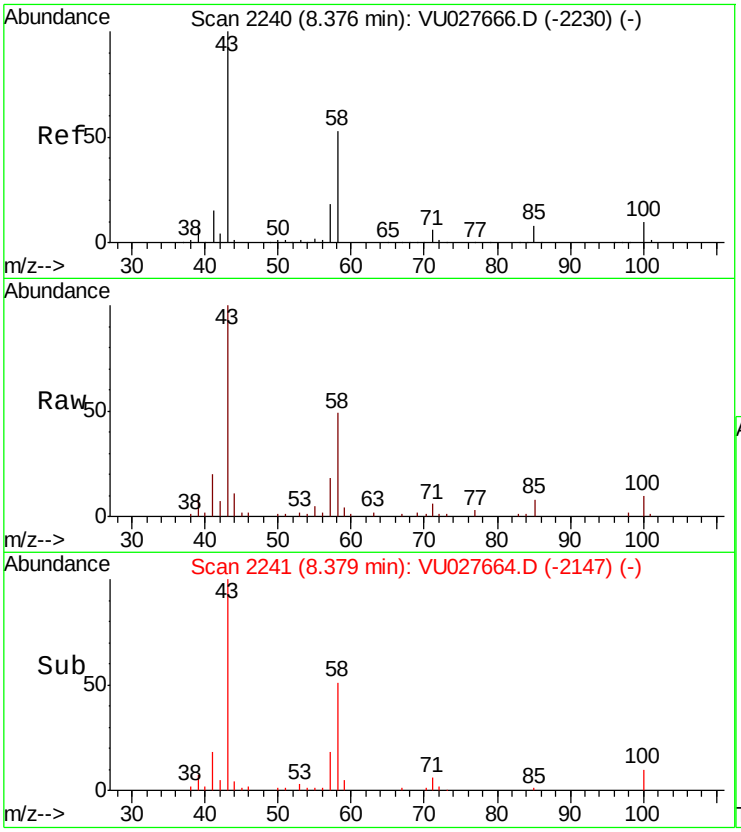


#47
Tetrachloroethene
Concen: 0.581 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion:164 Resp: 3107

Ion	Ratio	Lower	Upper
164	100		
129	78.1	67.3	124.9
131	90.5	64.8	120.3
166	123.9	91.8	170.4



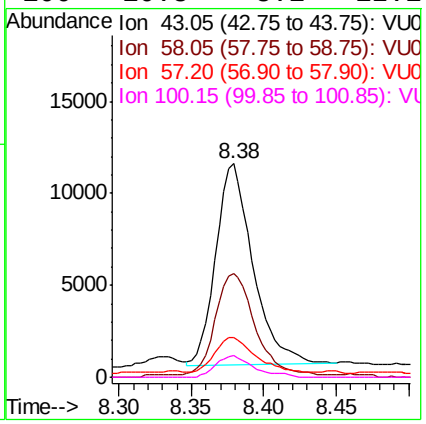


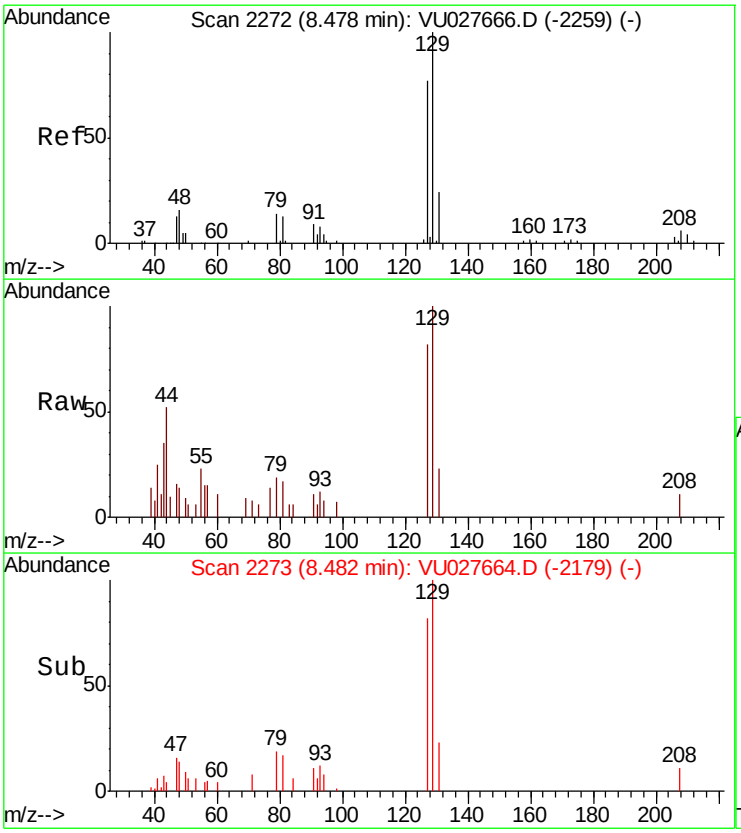
#48
2-Hexanone
Concen: 5.444 ug/L
RT: 8.38 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument : MSVOA_U
ClientSampleId : VSTD0.541

Tgt Ion: 43 Resp: 19559

Ion	Ratio	Lower	Upper
43	100		
58	57.5	42.7	64.1
57	18.4	14.5	21.7
100	10.8	8.1	12.1

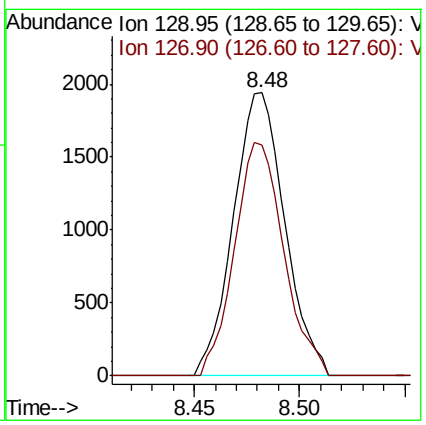


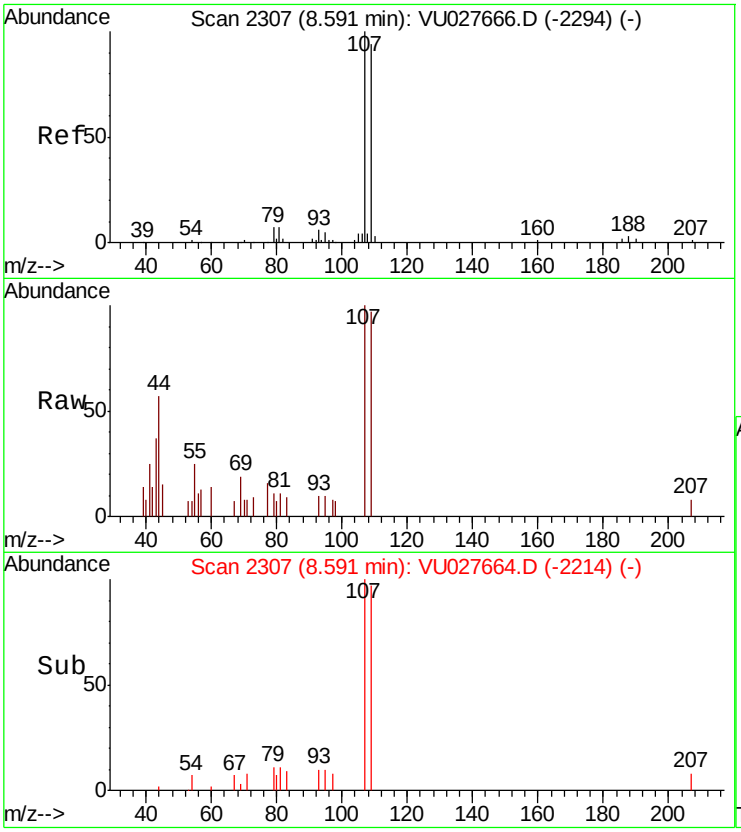


#49
Dibromochloromethane
Concen: 0.555 ug/L
RT: 8.48 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion:129 Resp: 3295

Ion	Ratio	Lower	Upper
129	100		
127	81.6	54.1	100.5



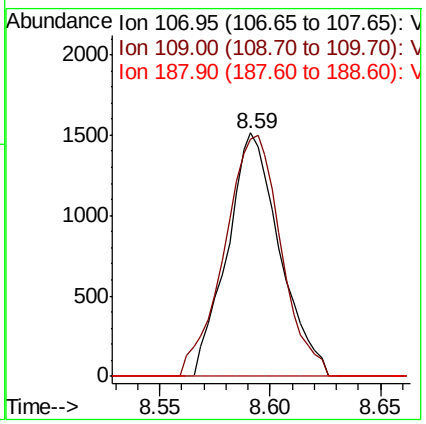


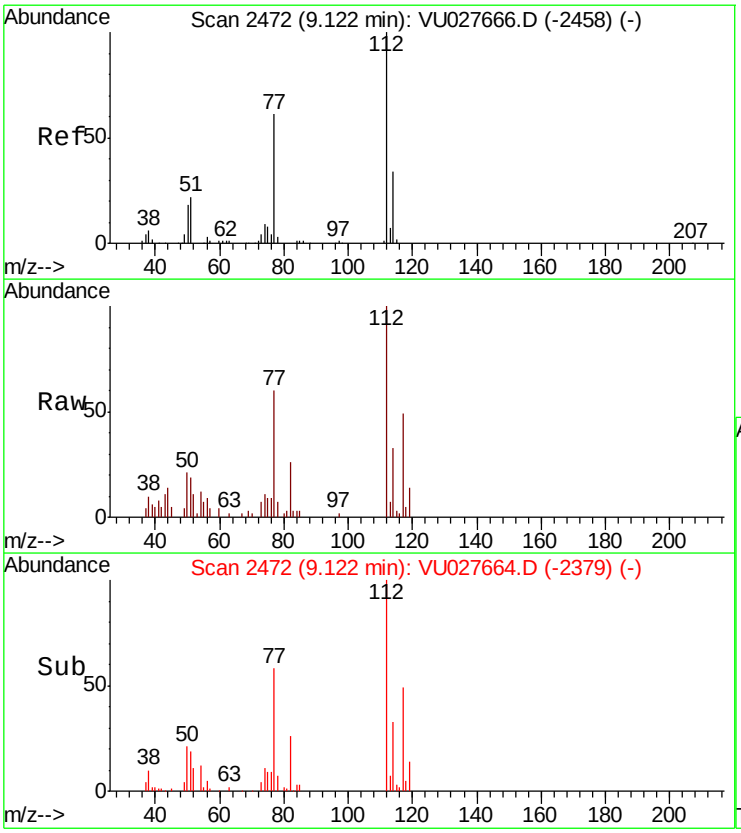
#50
1,2-Dibromoethane
Concen: 0.557 ug/L
RT: 8.59 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion:107 Resp: 2495

Ion	Ratio	Lower	Upper
107	100		
109	97.4	66.1	122.7
188	0.0	2.6	4.0#

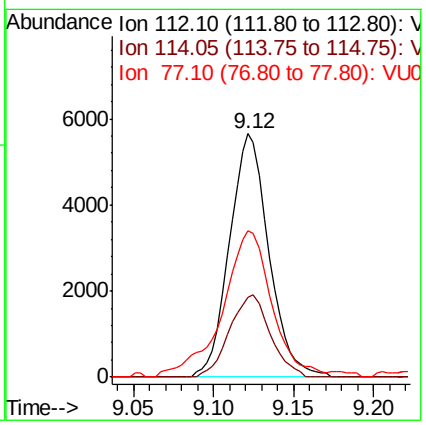


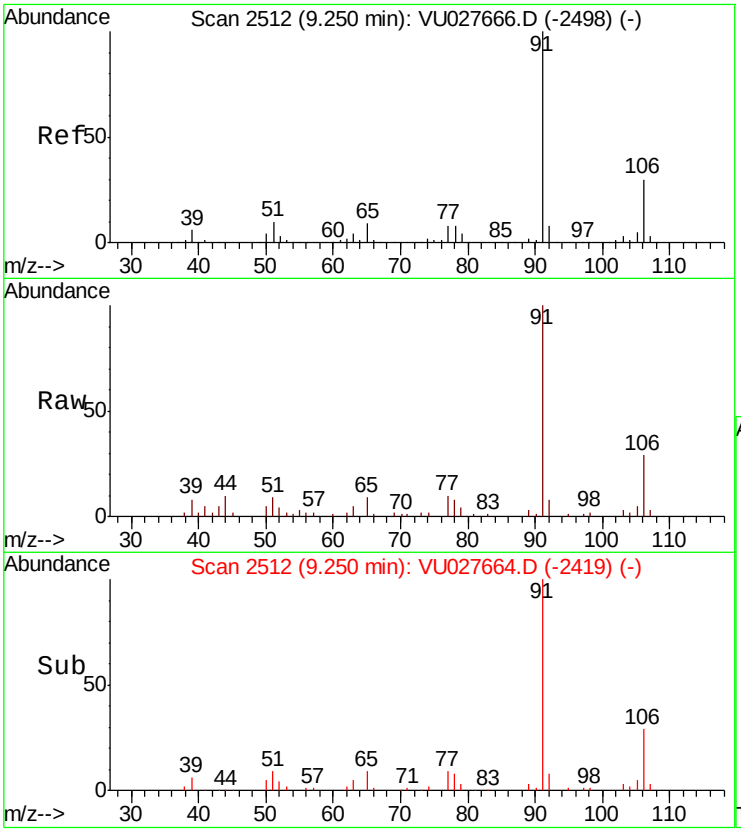


#51
Chlorobenzene
Concen: 0.555 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion:112 Resp: 9467

Ion	Ratio	Lower	Upper
112	100		
114	33.0	23.4	43.6
77	60.3	49.5	74.3



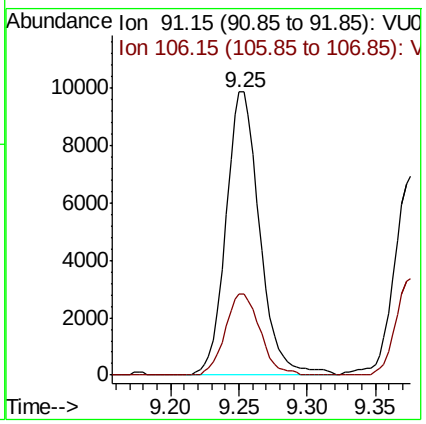


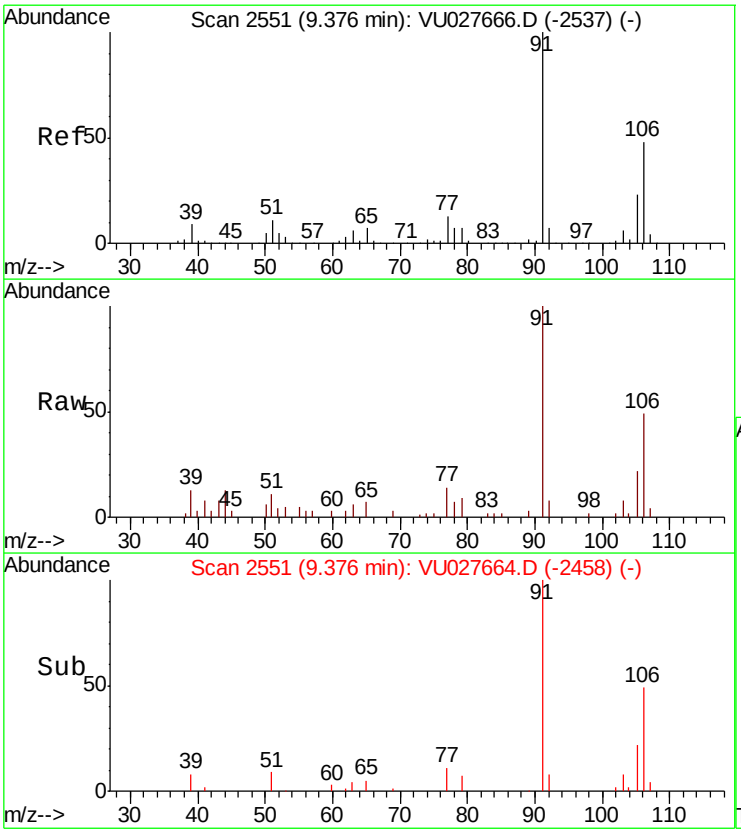
#52
Ethylbenzene
Concen: 0.551 ug/L
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion: 91 Resp: 16977

Ion	Ratio	Lower	Upper
91	100		
106	28.7	20.9	38.9

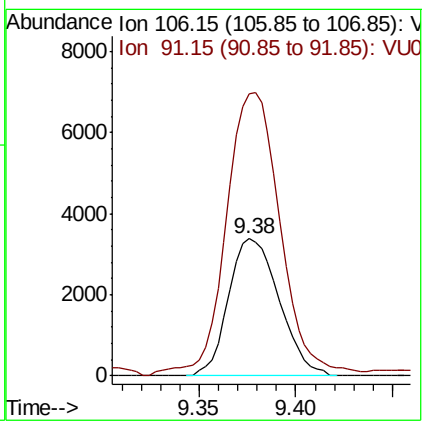


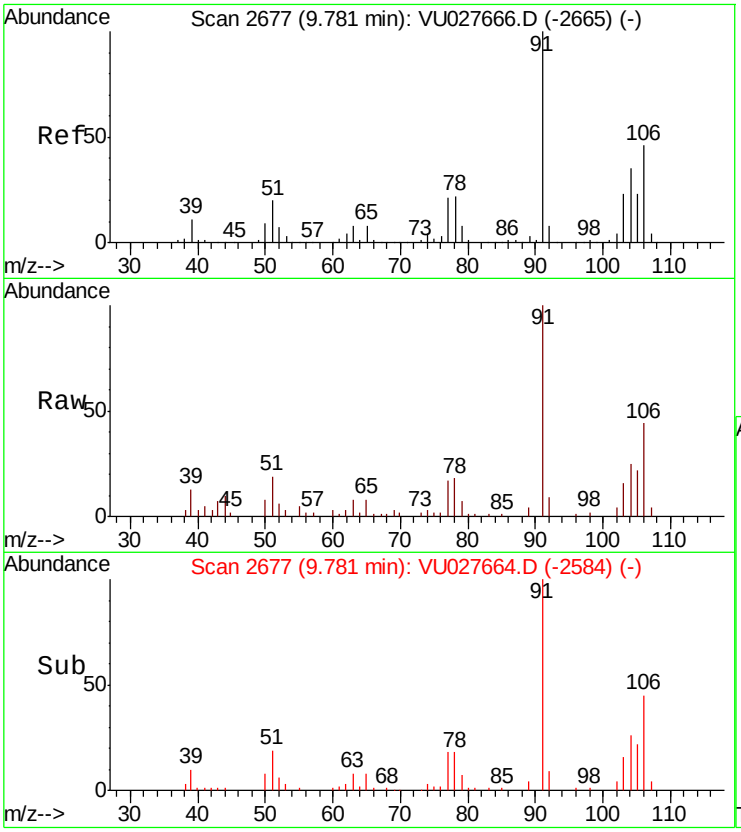


#53
m,p-xylene
Concen: 0.537 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion:106 Resp: 6153

Ion	Ratio	Lower	Upper
106	100		
91	204.9	146.8	272.6



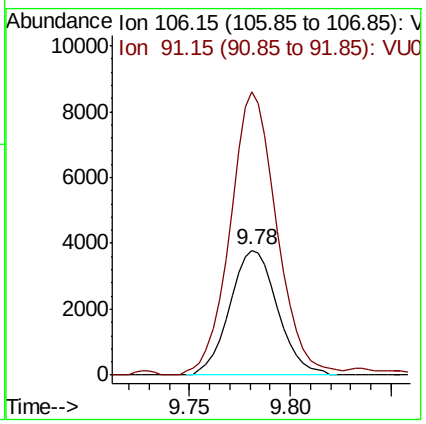


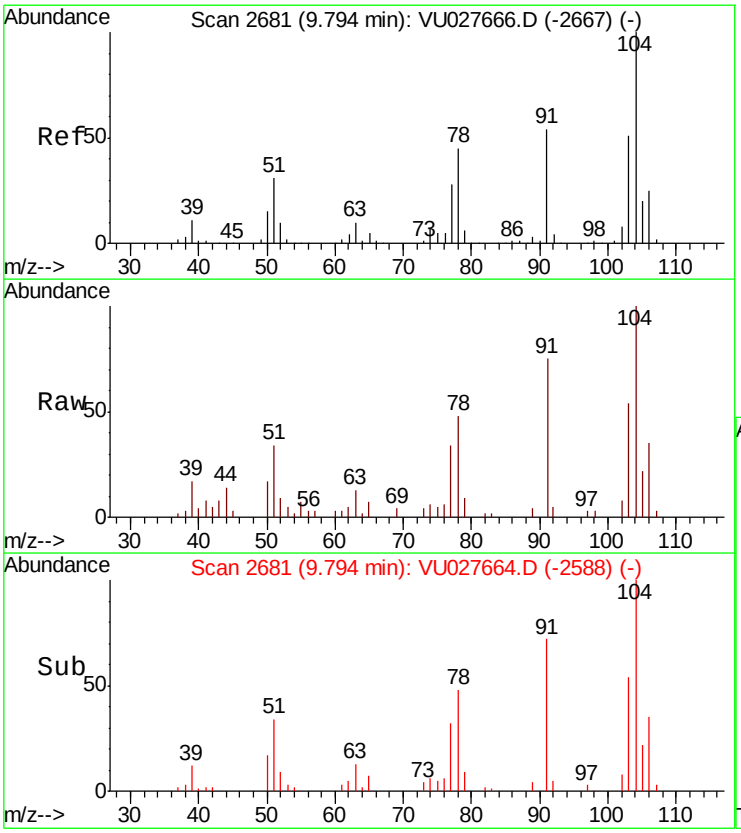
#54
o-xylene
Concen: 0.558 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument : MSVOA_U
ClientSampleId : VSTD0.541

Tgt Ion:106 Resp: 6285

Ion	Ratio	Lower	Upper
106	100		
91	226.8	153.5	285.1

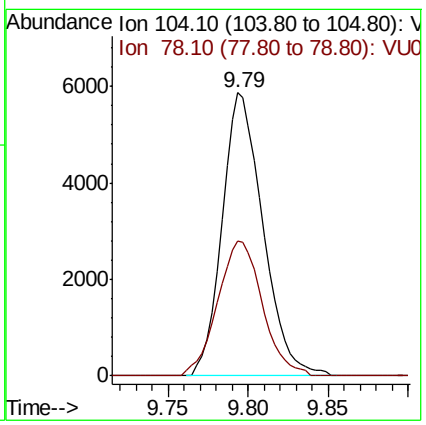


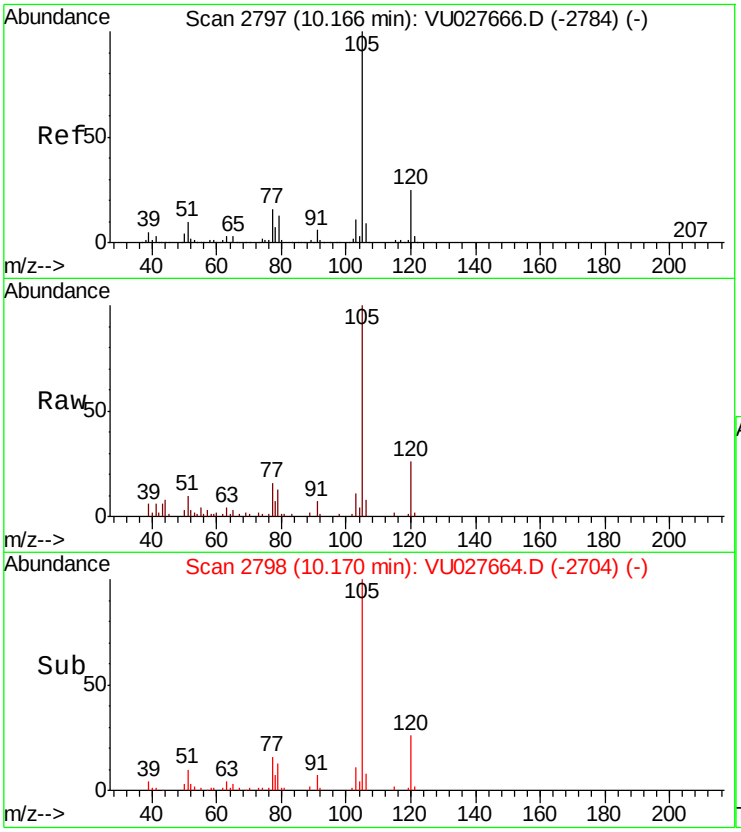


#55
Styrene
Concen: 0.539 ug/L
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion:104 Resp: 10200

Ion	Ratio	Lower	Upper
104	100		
78	47.9	31.8	59.0



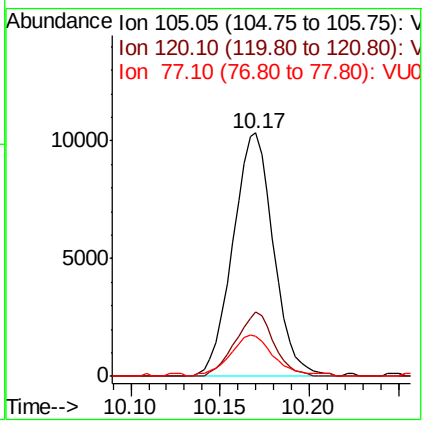


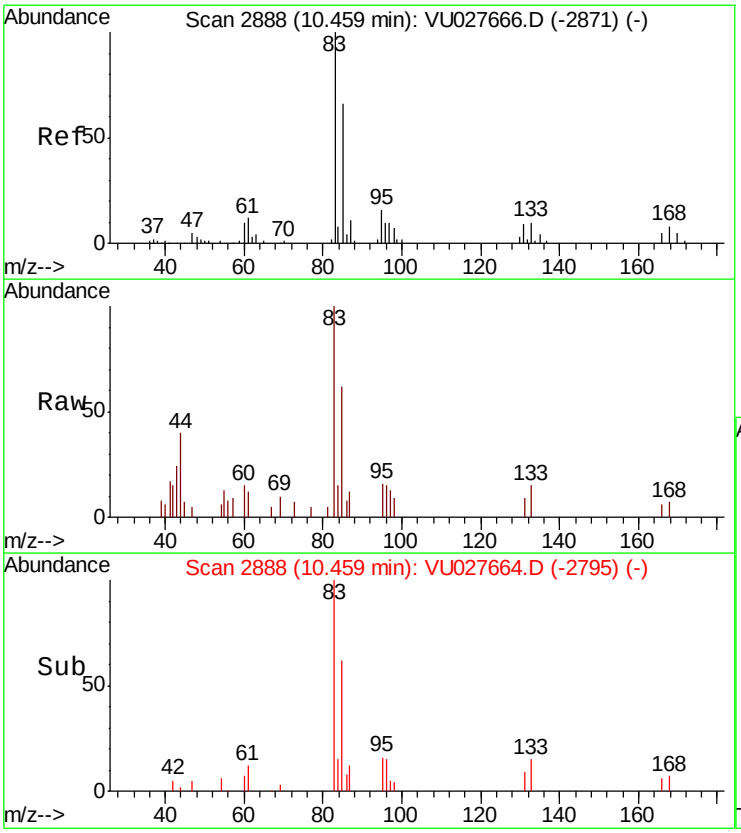
#56
Isopropylbenzene
Concen: 0.549 ug/L
RT: 10.17 min Scan# 2798
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument : MSVOA_U
ClientSampleId : VSTD0.541

Tgt Ion:105 Resp: 16433

Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.8	31.2
77	18.5	12.6	18.8

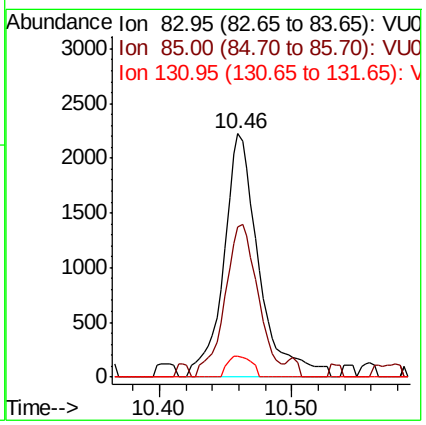


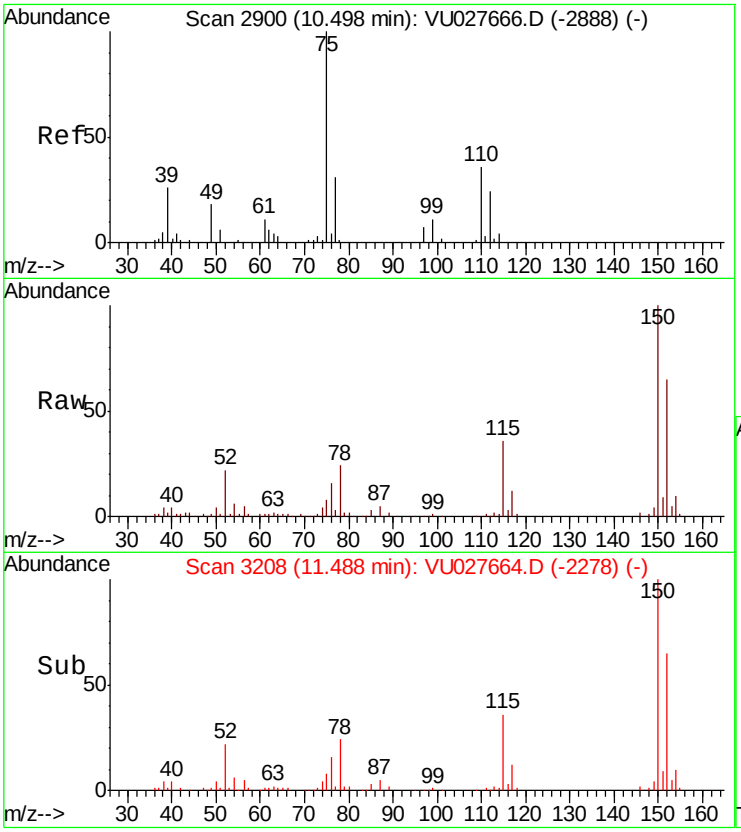


#58
1,1,2,2-Tetrachloroethane
Concen: 0.656 ug/L
RT: 10.46 min Scan# 2888
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion: 83 Resp: 4099

Ion	Ratio	Lower	Upper
83	100		
85	61.9	46.1	85.7
131	8.7	7.0	10.4



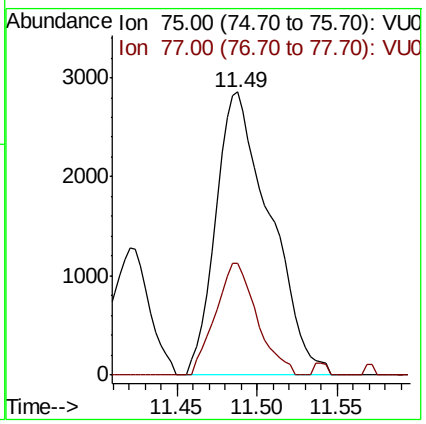


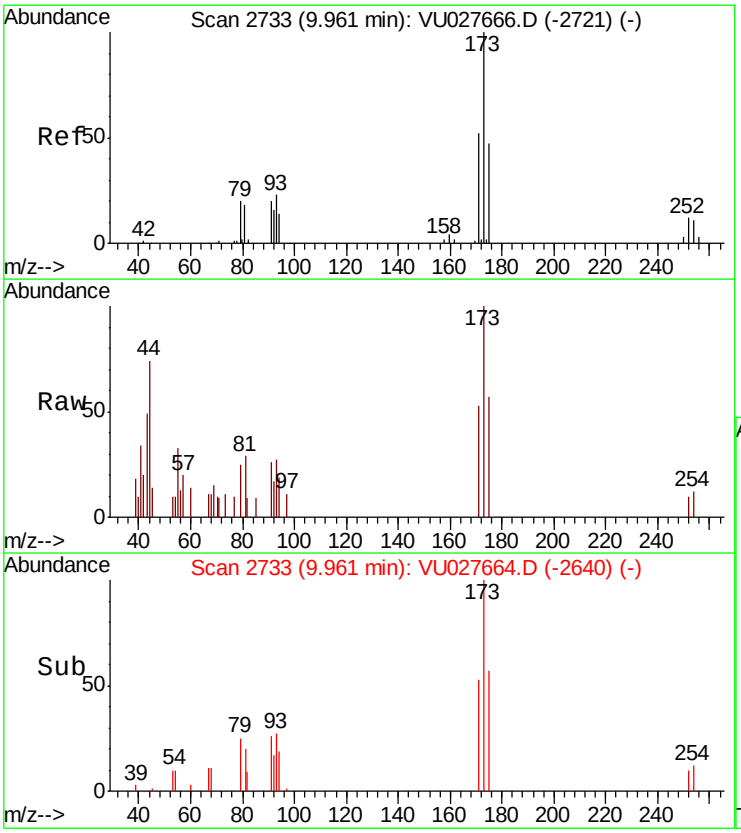
#59
1,2,3-Trichloropropane
Concen: 1.558 ug/L
RT: 11.49 min Scan# 3208
Delta R.T. 0.99 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion: 75 Resp: 6652

Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.9	40.3

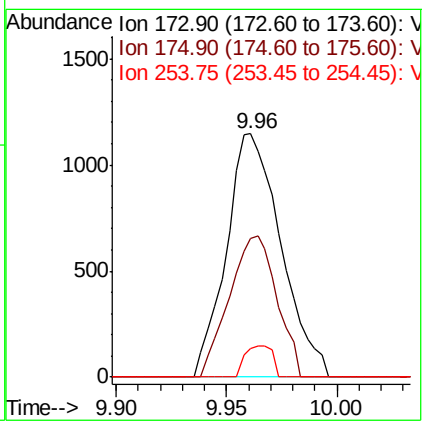


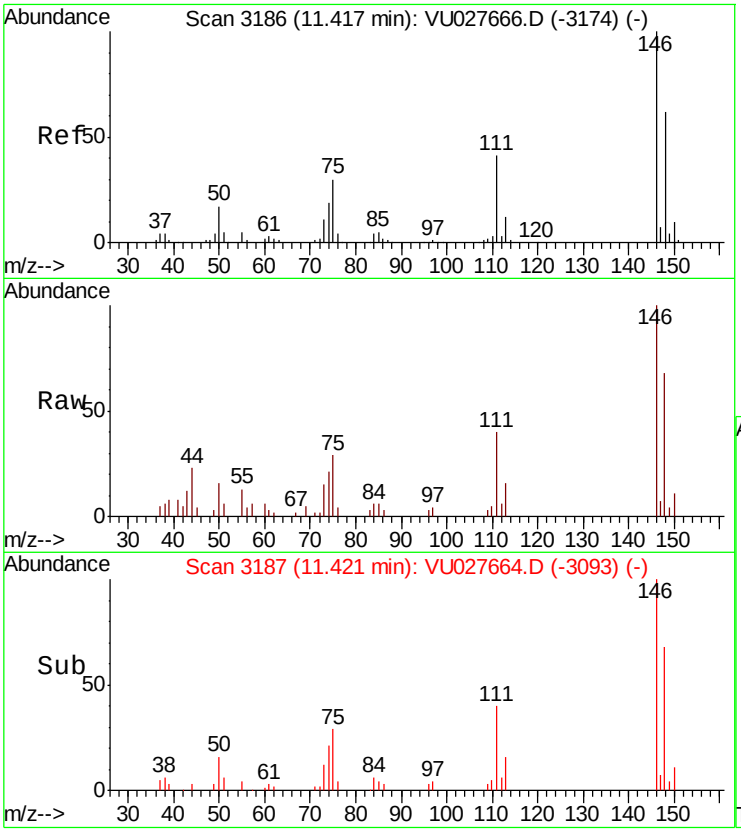


#61
Bromoform
Concen: 0.573 ug/L
RT: 9.96 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion:173 Resp: 1973

Ion	Ratio	Lower	Upper
173	100		
175	50.4	38.2	57.2
254	6.5	8.3	12.5#



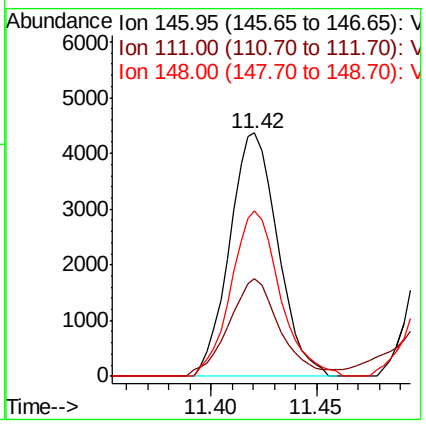


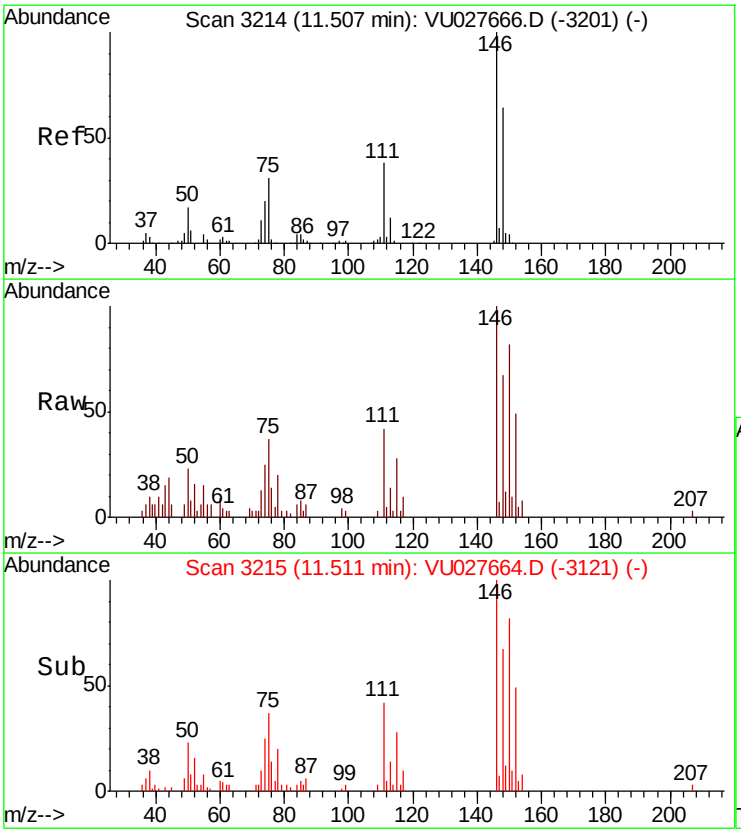
#62
1,3-Dichlorobenzene
Concen: 0.542 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion:146 Resp: 6917

Ion	Ratio	Lower	Upper
146	100		
111	40.2	28.6	53.0
148	67.7	43.6	81.0

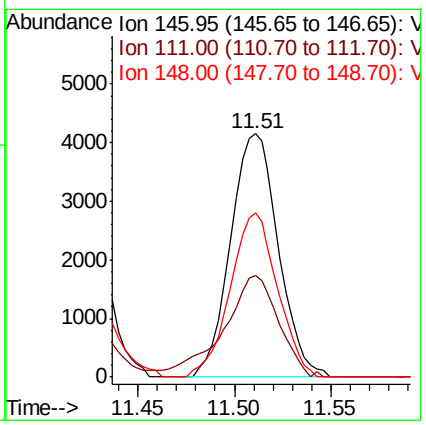


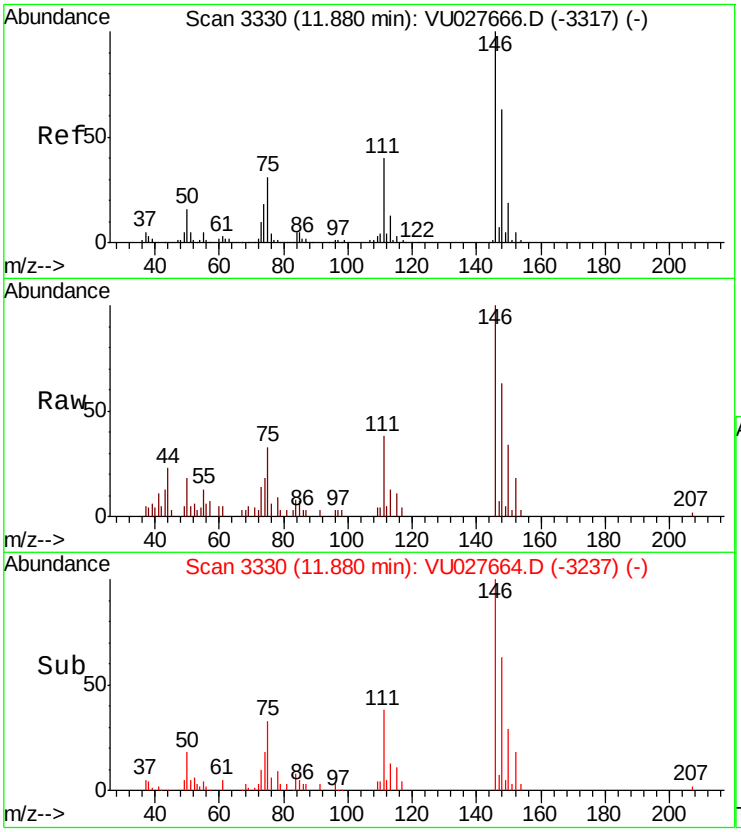


#63
1,4-Dichlorobenzene
Concen: 0.556 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion:146 Resp: 7122

Ion	Ratio	Lower	Upper
146	100		
111	41.6	26.5	49.1
148	67.4	45.2	84.0



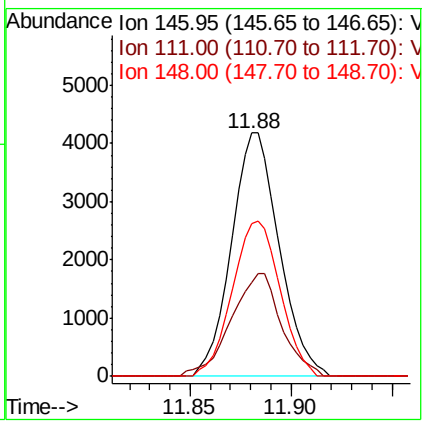


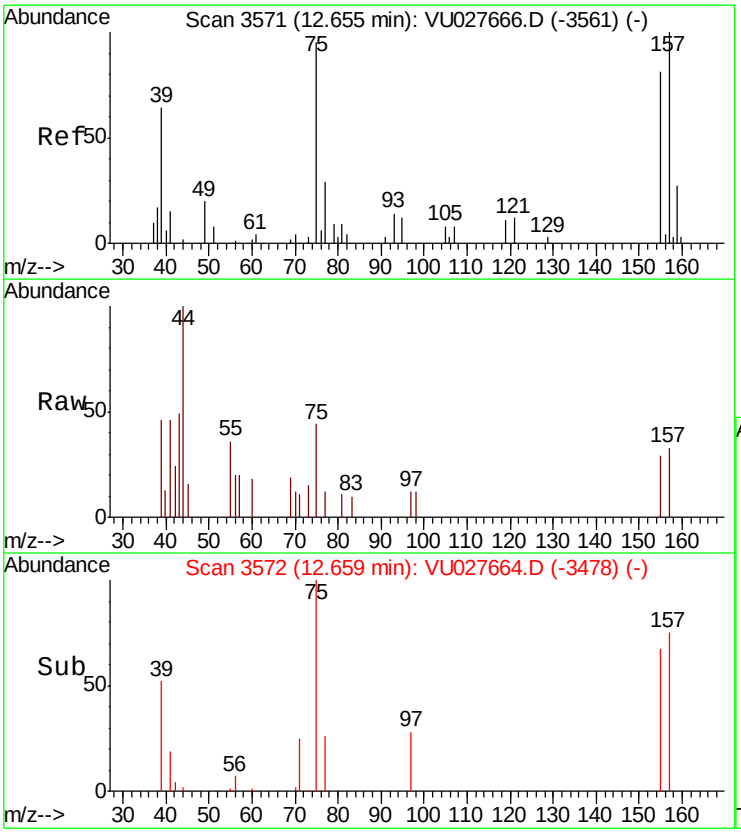
#65
1,2-Dichlorobenzene
Concen: 0.565 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion:146 Resp: 6931

Ion	Ratio	Lower	Upper
146	100		
111	38.5	31.7	47.5
148	62.5	50.6	75.8

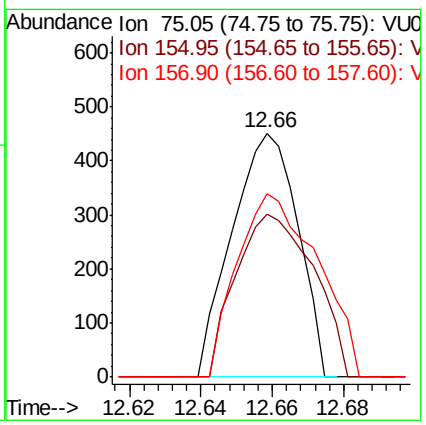


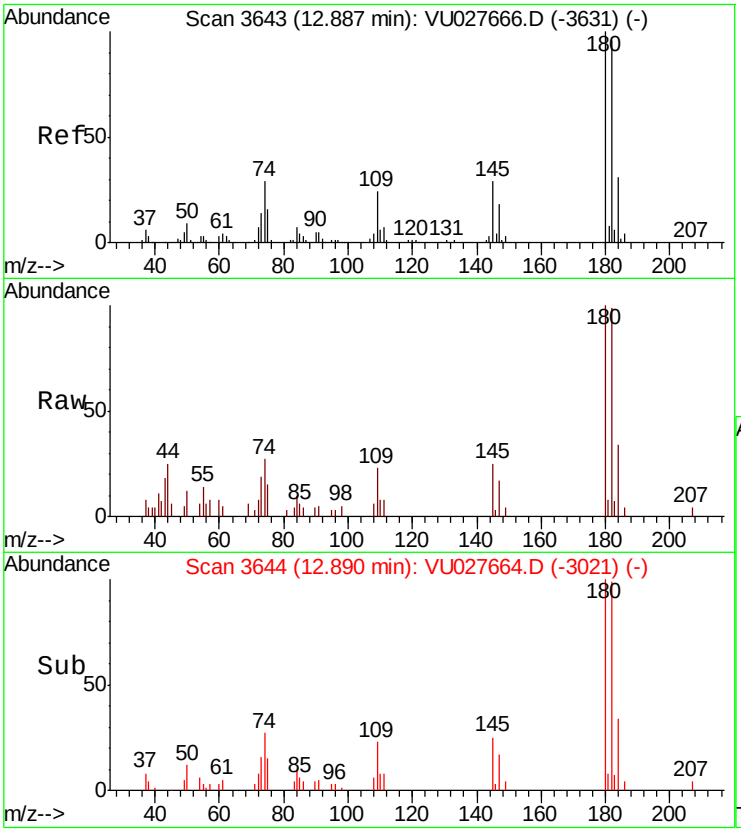


#66
1,2-Dibromo-3-chloropropane
Concen: 0.568 ug/L
RT: 12.66 min Scan# 3572
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion: 75 Resp: 573

Ion	Ratio	Lower	Upper
75	100		
155	67.0	68.3	102.5#
157	75.4	84.6	127.0#



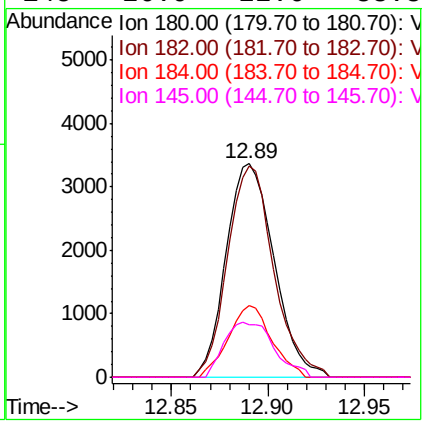


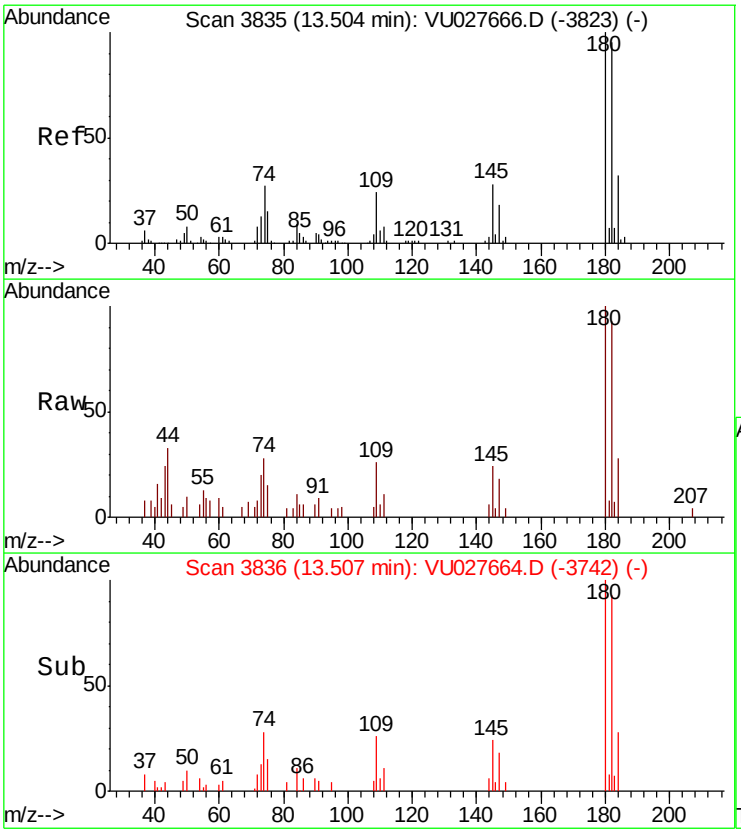
#67
1,3,5-Trichlorobenzene
Concen: 0.560 ug/L
RT: 12.89 min Scan# 3644
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion:180 Resp: 5800

Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.0	115.4
184	30.2	24.2	36.2
145	26.9	22.6	33.8

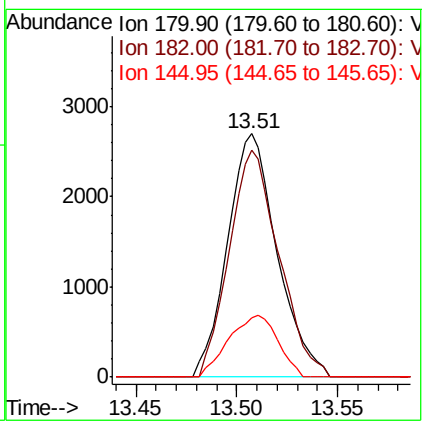


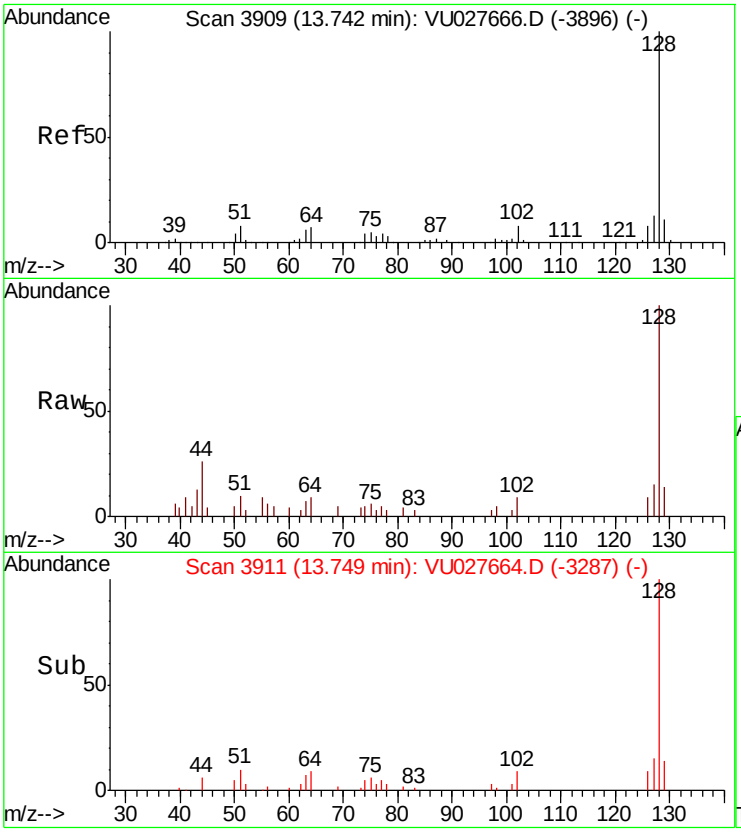


#68
1,2,4-trichlorobenzene
Concen: 0.518 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion:180 Resp: 4625

Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.6	114.8
145	25.2	22.2	33.2



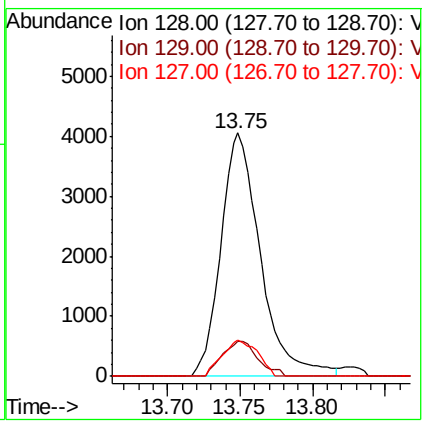


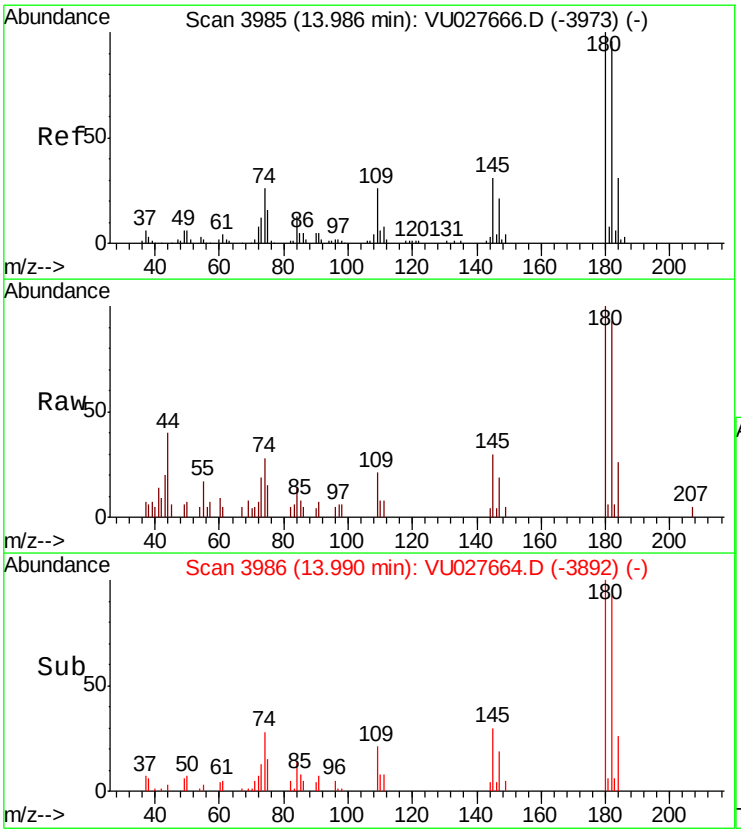
#69
Naphthalene
Concen: 0.513 ug/L
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.541

Tgt Ion:128 Resp: 7660

Ion	Ratio	Lower	Upper
128	100		
129	13.0	8.7	13.1
127	13.3	10.5	15.7





#70
1,2,3-Trichlorobenzene
Concen: 0.532 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027664.D
Acq: 17 Oct 2018 08:12

Tgt Ion:180 Resp: 4439

Ion	Ratio	Lower	Upper
180	100		
182	97.9	75.8	113.6
145	31.5	24.4	36.6