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

Quantitation Report (Not Reviewed)

Data File : VU027770.D
Acq On : 24 Oct 2018 08:34
Operator : MD/SY
Sample : VSTD0.542
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.542

Quant Time: Oct 25 04:14:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:12:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	42027	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	41565	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	19688	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	1540	0.45	ug/L		0.00
7) Chloroethane-d5	1.68	69	1251	0.48	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.28	63	3181	0.49	ug/L		0.00
20) 2-Butanone-d5	4.21	46	4617	4.43	ug/L		0.01
24) Chloroform-d	4.66	84	2899	0.47	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.32	65	1767	0.49	ug/L		0.00
32) Benzene-d6	5.34	84	5129	0.46	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.33	67	1879	0.48	ug/L		0.00
41) Toluene-d8	7.57	98	4724	0.45	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.86	79	642	0.40	ug/L		0.01
46) 2-Hexanone-d5	8.32	63	3788	4.30	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	1302	0.44	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	1867	0.50	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	2044	0.502	ug/L		94
3) Chloromethane	1.33	50	2281	0.498	ug/L		100
5) Vinyl chloride	1.40	62	2246	0.510	ug/L		98
6) Bromomethane	1.63	94	1096	0.485	ug/L		91
8) Chloroethane	1.71	64	1222	0.513	ug/L	#	80
9) Trichlorofluoromethane	1.89	101	2733	0.469	ug/L		97
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	1297	0.441	ug/L	#	88
12) 1,1-Dichloroethene	2.29	96	1362	0.497	ug/L		95
13) Acetone	2.34	43	4258	5.670	ug/L		90
14) Carbon disulfide	2.48	76	4909	0.522	ug/L	#	92
15) Methyl Acetate	2.63	43	1421	0.676	ug/L	#	63
16) Methylene chloride	2.71	84	1796	0.556	ug/L		92
17) Methyl tert-butyl Ether	3.01	73	4448	0.507	ug/L	#	88
18) trans-1,2-Dichloroethene	2.99	96	1365	0.465	ug/L		95
19) 1,1-Dichloroethane	3.45	63	3423	0.527	ug/L		94
21) 2-Butanone	4.30	43	6164	5.003	ug/L		98
22) cis-1,2-Dichloroethene	4.23	96	1841	0.528	ug/L		94
23) Bromochloromethane	4.56	128	711	0.503	ug/L		90
25) Chloroform	4.68	83	3206	0.491	ug/L		97
27) 1,2-Dichloroethane	5.41	62	2422	0.502	ug/L	#	79
29) 1,1,1-Trichloroethane	4.91	97	2938	0.491	ug/L		97
30) Cyclohexane	5.00	56	3488	0.521	ug/L	#	67
31) Carbon tetrachloride	5.13	117	2480	0.483	ug/L		96
33) Benzene	5.40	78	6813	0.493	ug/L		100
34) Trichloroethene	6.19	95	1664	0.465	ug/L		86
35) Methylcyclohexane	6.42	83	2890	0.483	ug/L		95
37) 1,2-Dichloropropane	6.44	63	2147	0.529	ug/L	#	90
38) Bromodichloromethane	6.76	83	2276	0.470	ug/L	#	90
39) cis-1,3-Dichloropropene	7.28	75	2773	0.477	ug/L		99
40) 4-Methyl-2-pentanone	7.47	43	15093	4.978	ug/L		97

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

Quantitation Report (Not Reviewed)

Data File : VU027770.D
Acq On : 24 Oct 2018 08:34
Operator : MD/SY
Sample : VSTD0.542
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.542

Quant Time: Oct 25 04:14:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:12:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.64	91	7279	0.490	ug/L		96
44) trans-1,3-Dichloropropene	7.89	75	2178	0.445	ug/L		94
45) 1,1,2-Trichloroethane	8.07	97	1210	0.494	ug/L		93
47) Tetrachloroethene	8.22	164	1587	0.546	ug/L		91
48) 2-Hexanone	8.37	43	10293	4.778	ug/L		98
49) Dibromochloromethane	8.48	129	1466	0.470	ug/L		99
50) 1,2-Dibromoethane	8.59	107	1063	0.447	ug/L	#	97
51) Chlorobenzene	9.12	112	4564	0.499	ug/L		97
52) Ethylbenzene	9.25	91	8401	0.487	ug/L		98
53) m,p-xylene	9.38	106	2912	0.477	ug/L		96
54) o-xylene	9.78	106	2893	0.485	ug/L		90
55) Styrene	9.80	104	4727	0.468	ug/L		99
56) Isopropylbenzene	10.17	105	7850	0.475	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.46	83	1462	0.454	ug/L		97
59) 1,2,3-Trichloropropane	10.50	75	1233	0.483	ug/L		91
61) Bromoform	9.96	173	829	0.501	ug/L	#	78
62) 1,3-Dichlorobenzene	11.42	146	3643	0.526	ug/L		94
63) 1,4-Dichlorobenzene	11.51	146	3808	0.545	ug/L		97
65) 1,2-Dichlorobenzene	11.88	146	3413	0.524	ug/L		94
66) 1,2-Dibromo-3-chloropropan	12.66	75	228	0.440	ug/L	#	68
67) 1,3,5-Trichlorobenzene	12.89	180	2864	0.516	ug/L		92
68) 1,2,4-trichlorobenzene	13.51	180	2378	0.493	ug/L		94
69) Naphthalene	13.75	128	3582	0.457	ug/L	#	91
70) 1,2,3-Trichlorobenzene	13.99	180	2152	0.484	ug/L		95

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

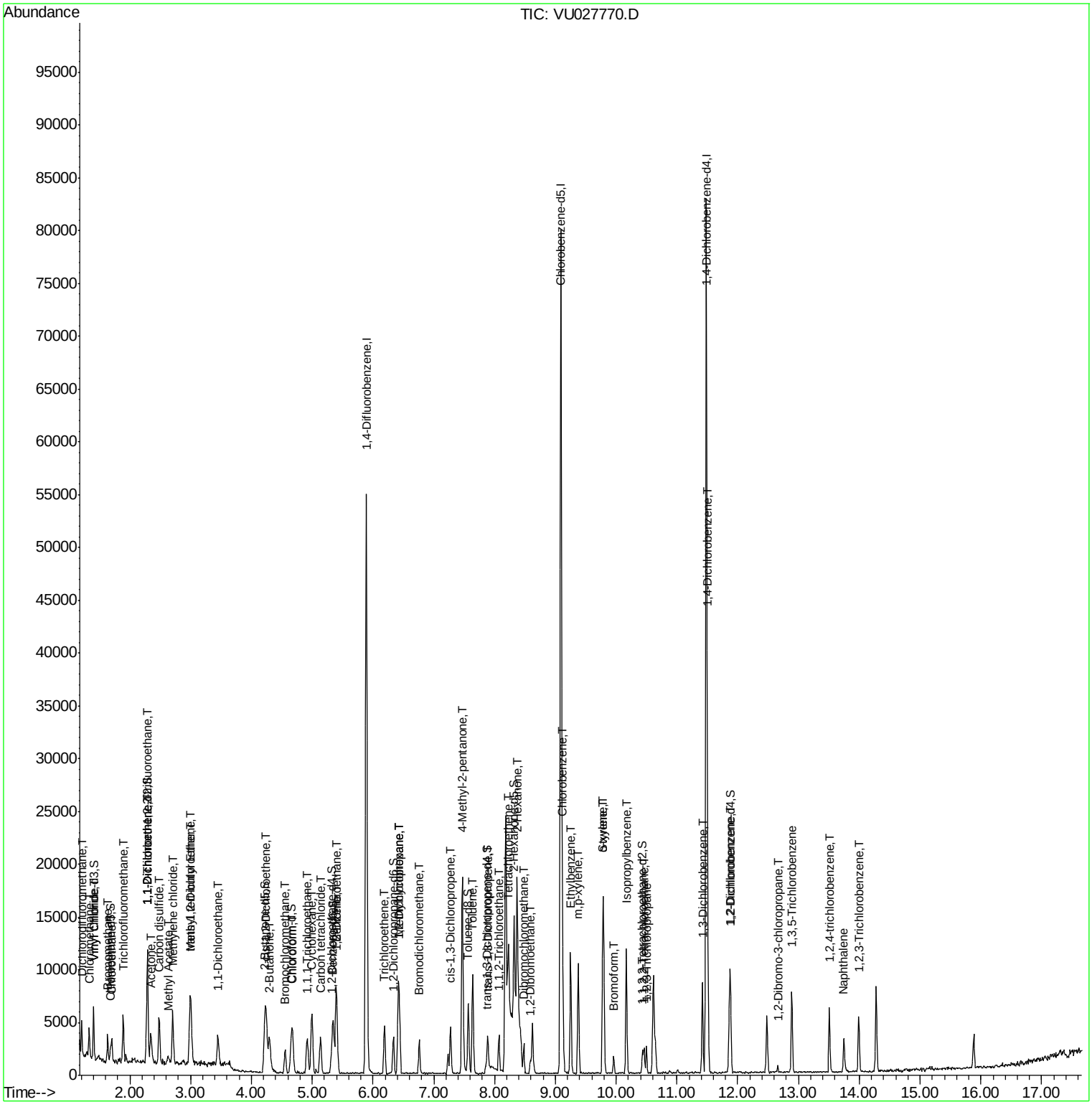
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\

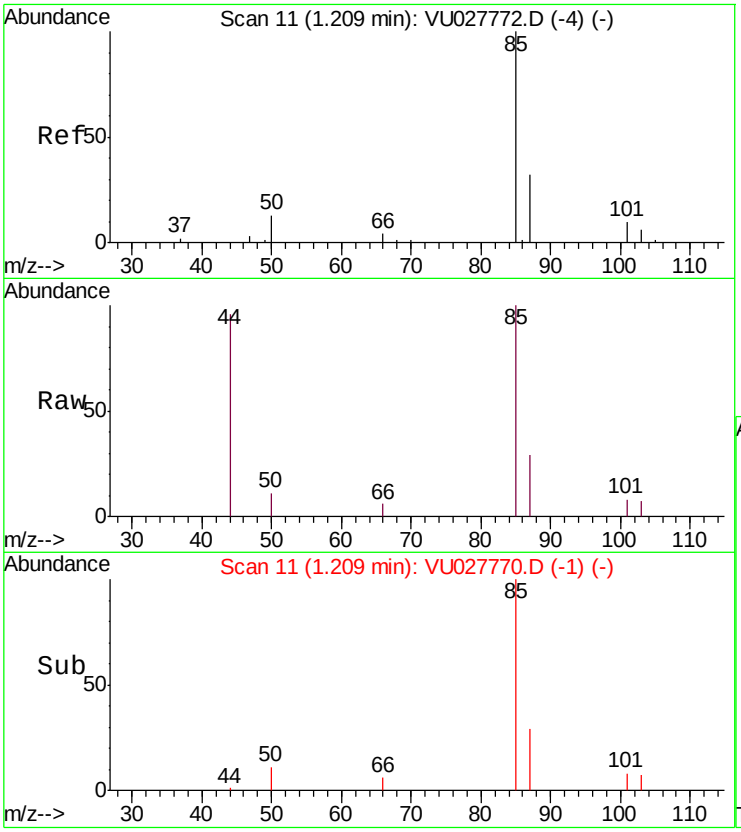
Quantitation Report (Not Reviewed)

Data File : VU027770.D
Acq On : 24 Oct 2018 08:34
Operator : MD/SY
Sample : VSTD0.542
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.542

Quant Time: Oct 25 04:14:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:12:10 2018
Response via : Initial Calibration



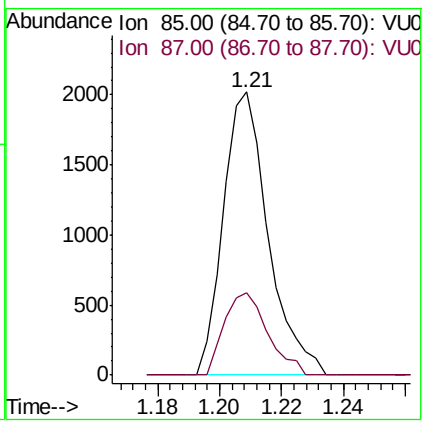


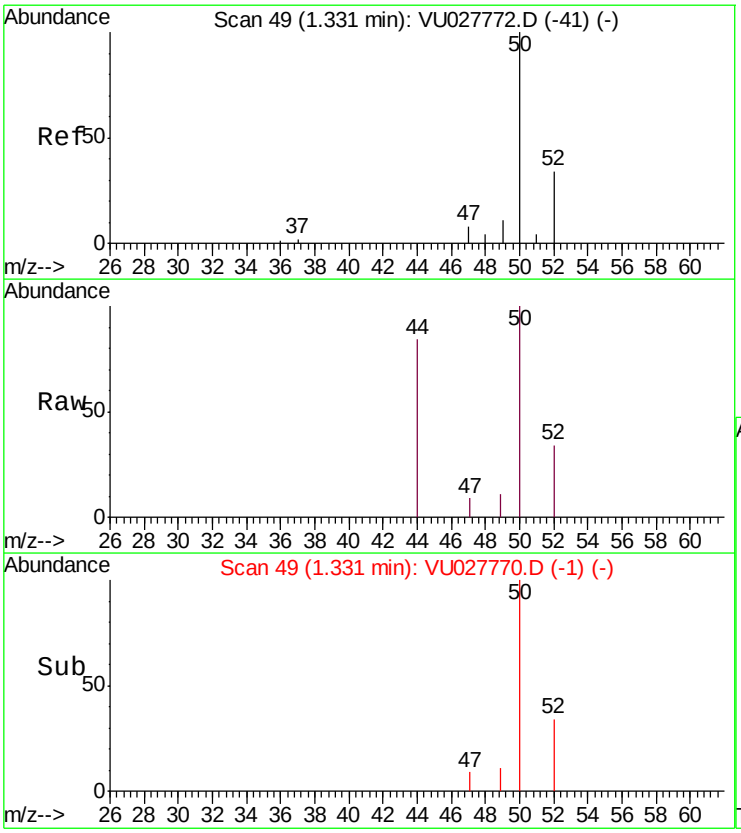
#2
Dichlorodifluoromethane
Concen: 0.502 ug/L
RT: 1.21 min Scan# 11
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.542

Tgt Ion: 85 Resp: 2044

Ion	Ratio	Lower	Upper
85	100		
87	28.2	25.4	38.0

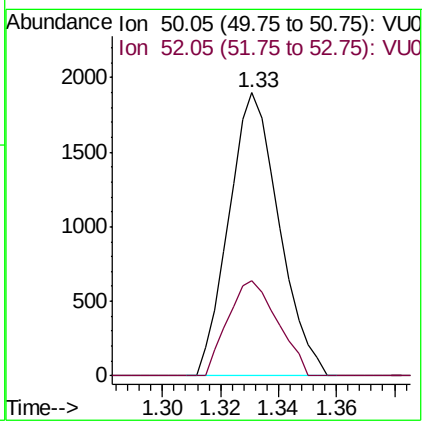


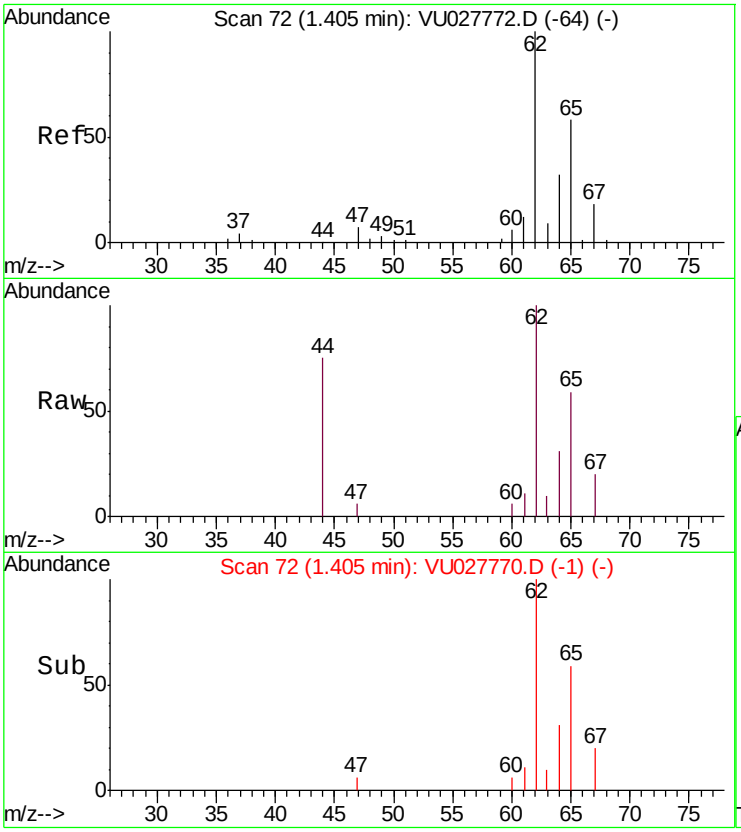


#3
Chloromethane
Concen: 0.498 ug/L
RT: 1.33 min Scan# 49
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion: 50 Resp: 2281

Ion	Ratio	Lower	Upper
50	100		
52	33.7	23.7	43.9



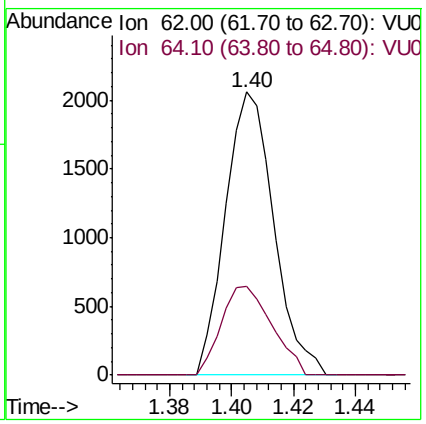


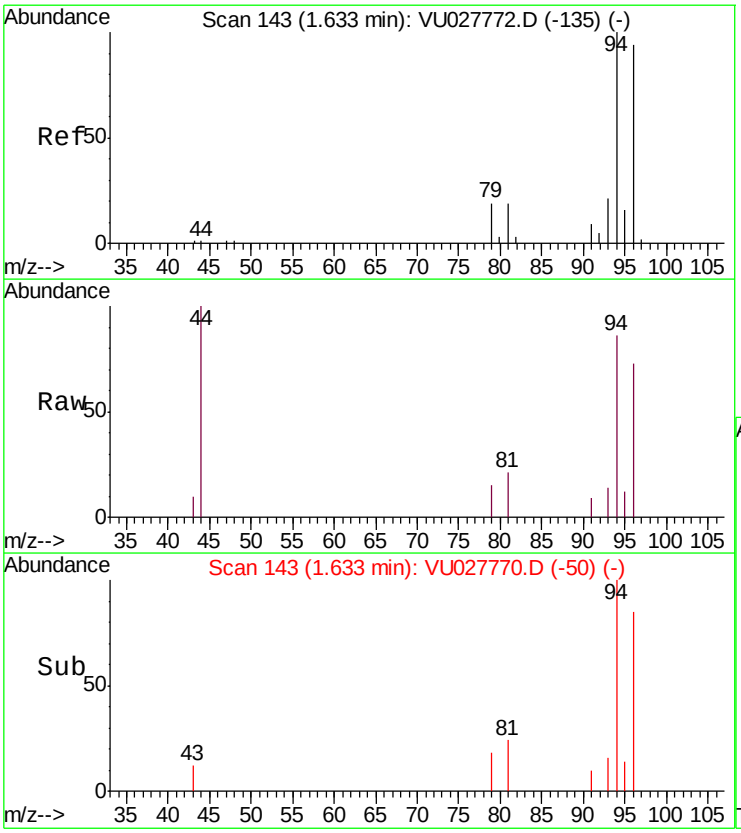
#5
Vinyl chloride
Concen: 0.510 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.542

Tgt Ion: 62 Resp: 2246

Ion	Ratio	Lower	Upper
62	100		
64	31.4	22.7	42.1

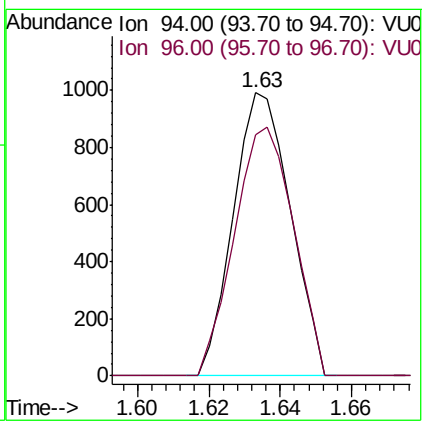


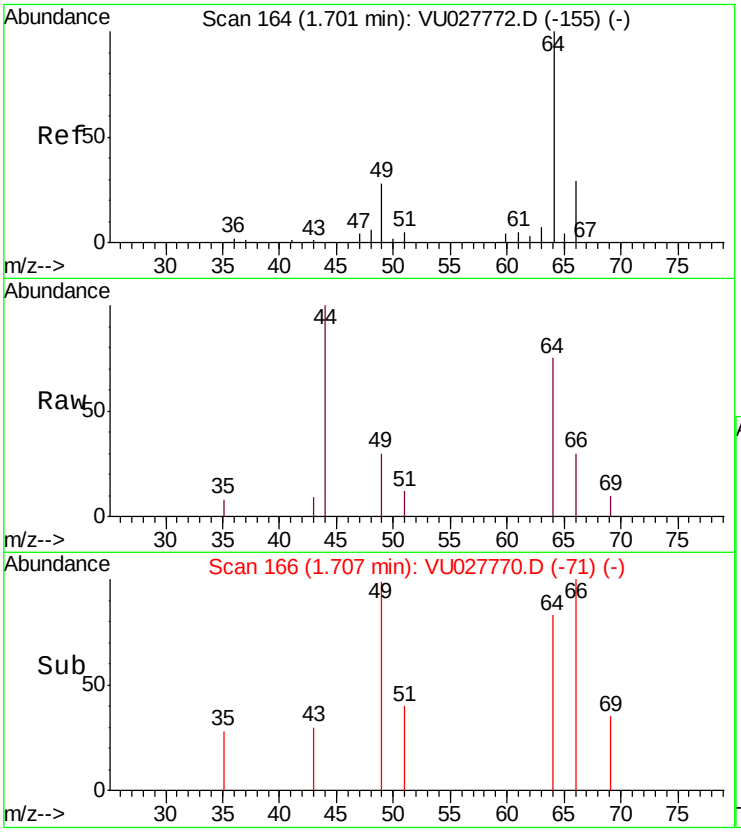


#6
Bromomethane
Concen: 0.485 ug/L
RT: 1.63 min Scan# 143
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion: 94 Resp: 1096

Ion	Ratio	Lower	Upper
94	100		
96	85.0	65.5	121.7



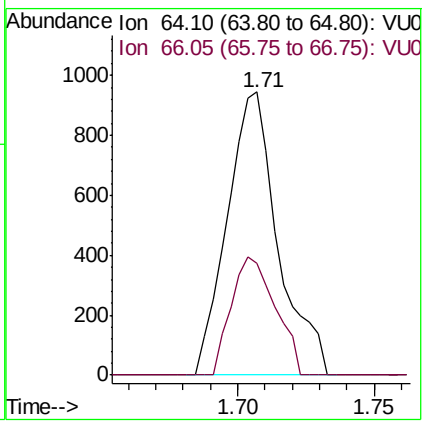


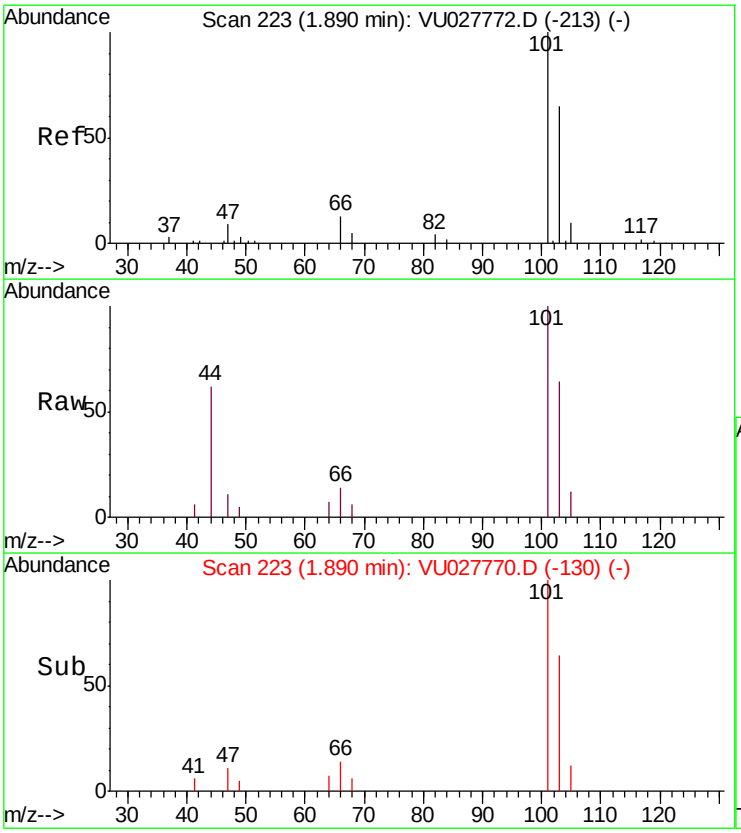
#8
Chloroethane
Concen: 0.513 ug/L
RT: 1.71 min Scan# 166
Delta R.T. 0.01 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.542

Tgt Ion: 64 Resp: 1222

Ion	Ratio	Lower	Upper
64	100		
66	39.6	20.3	37.7#

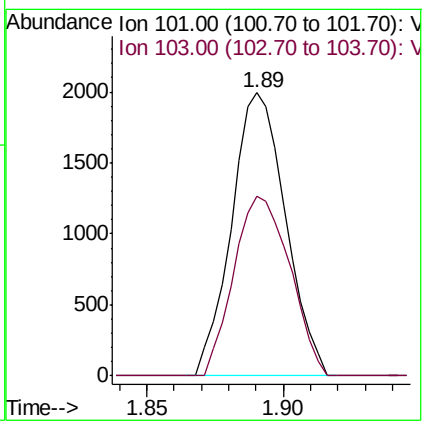


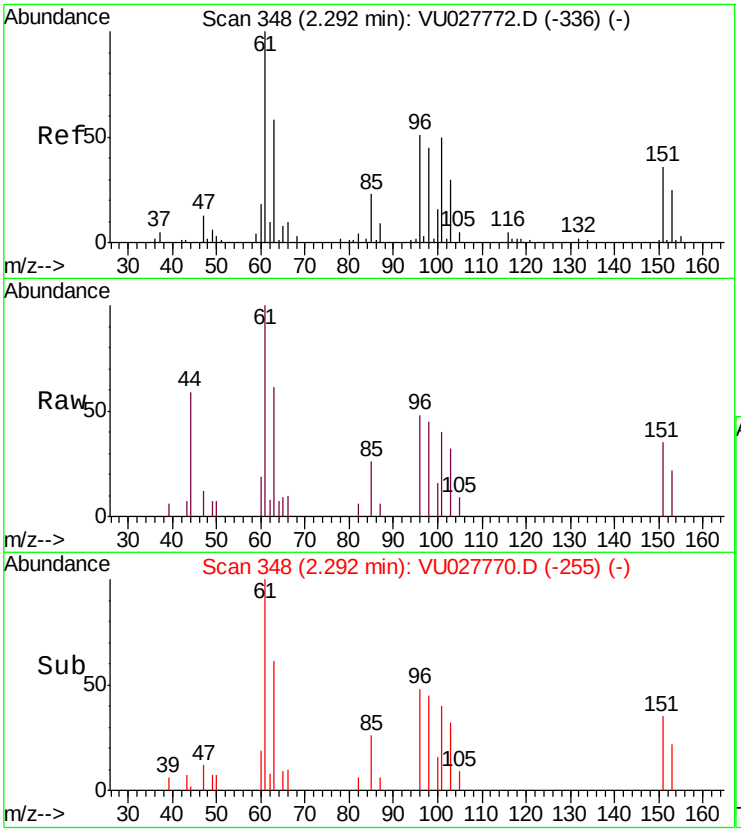


#9
Trichlorofluoromethane
Concen: 0.469 ug/L
RT: 1.89 min Scan# 223
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion:101 Resp: 2733

Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.0	76.4



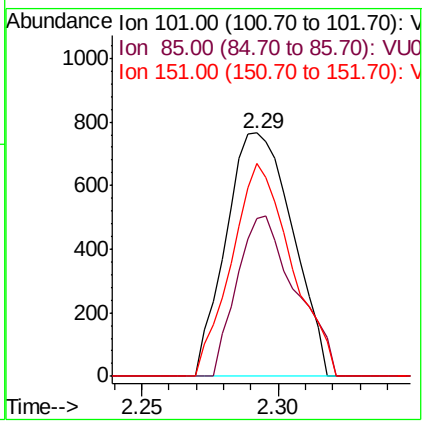


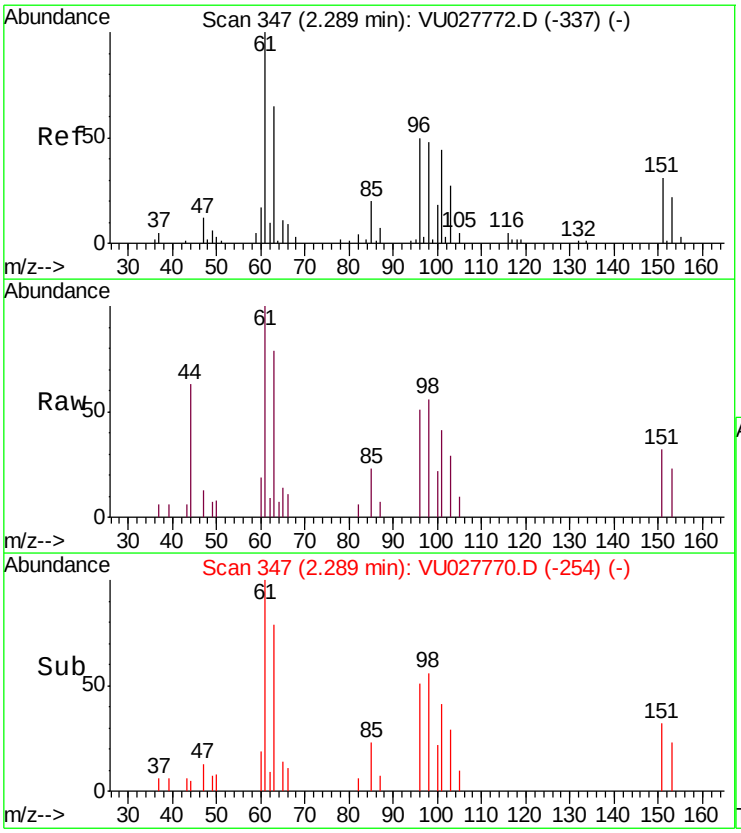
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.441 ug/L
RT: 2.29 min Scan# 348
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.542

Tgt Ion:101 Resp: 1297

Ion	Ratio	Lower	Upper
101	100		
85	58.4	38.1	57.1#
151	79.2	57.0	85.4

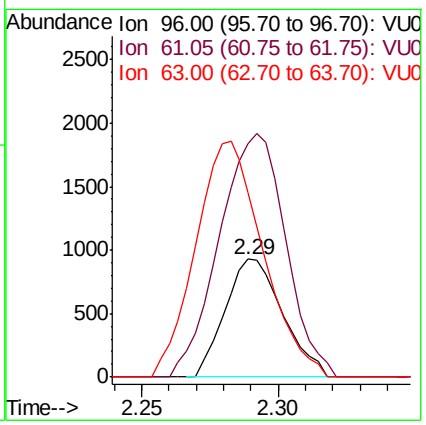


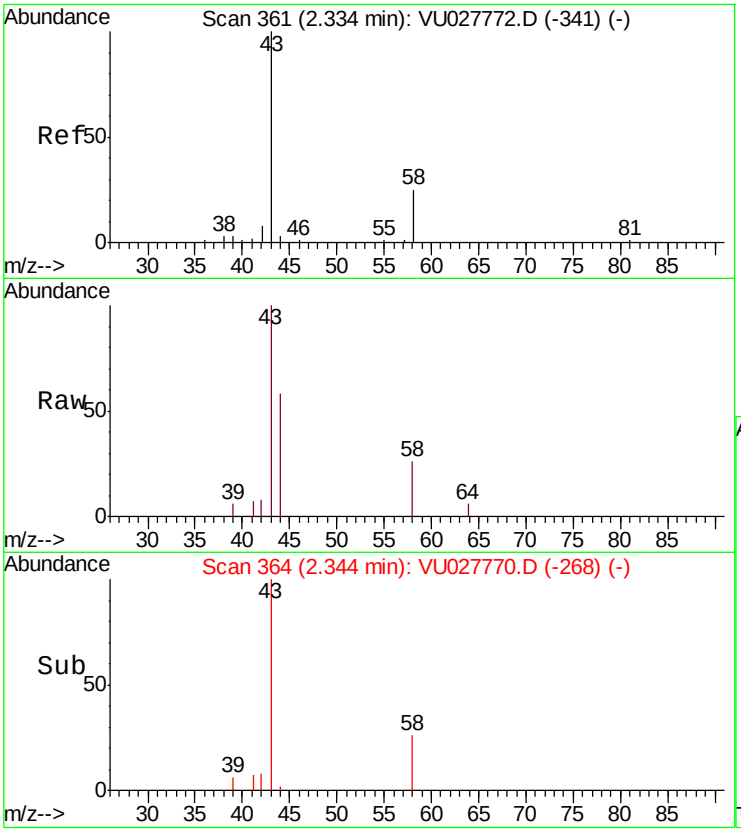


#12
1,1-Dichloroethene
Concen: 0.497 ug/L
RT: 2.29 min Scan# 347
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion: 96 Resp: 1362

Ion	Ratio	Lower	Upper
96	100		
61	197.7	143.8	267.0
63	156.6	105.1	195.3



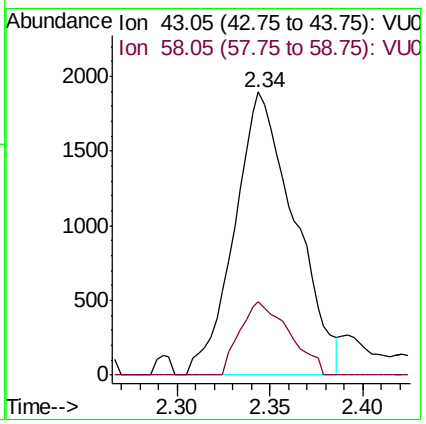


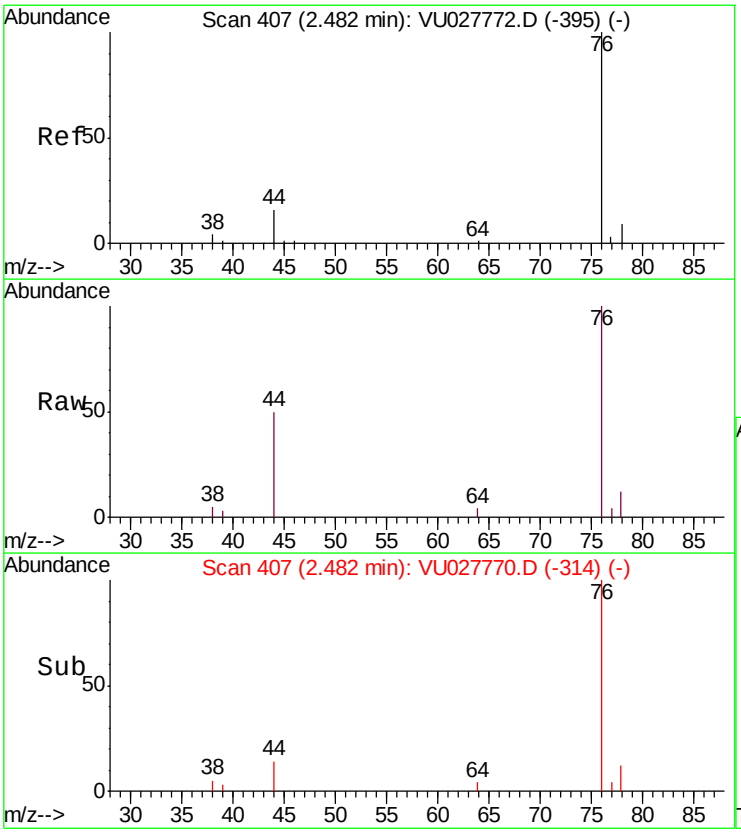
#13
Acetone
Concen: 5.670 ug/L
RT: 2.34 min Scan# 364
Delta R.T. 0.01 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument : MSVOA_U
ClientSampleId : VSTD0.542

Tgt Ion: 43 Resp: 4258

Ion	Ratio	Lower	Upper
43	100		
58	21.5	0.0	52.8

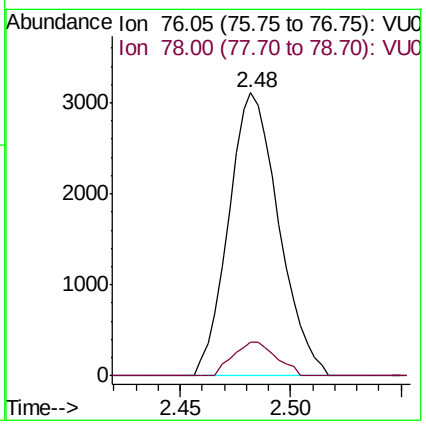


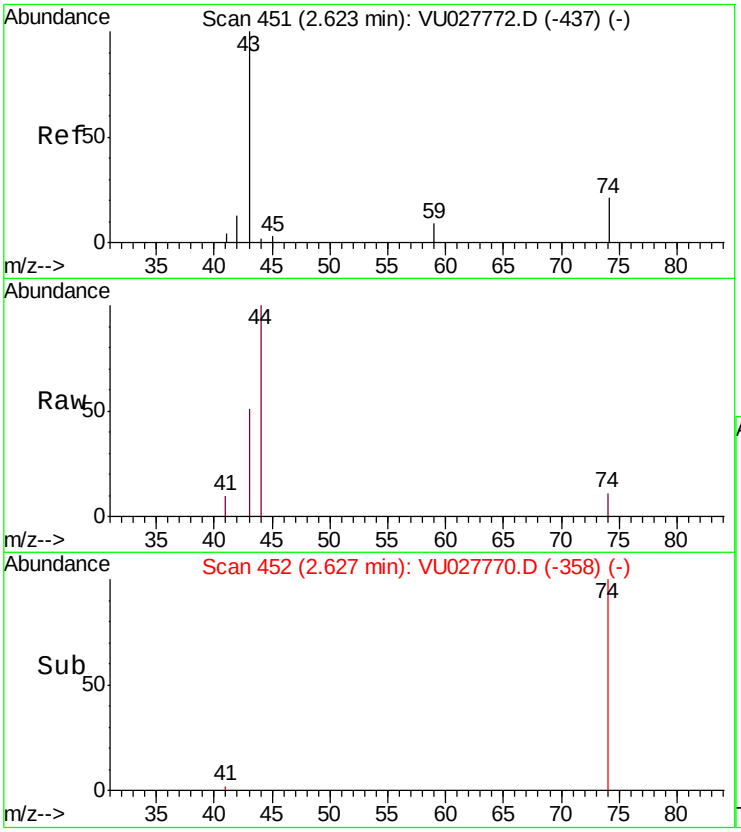


#14
Carbon disulfide
Concen: 0.522 ug/L
RT: 2.48 min Scan# 407
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion: 76 Resp: 4909

Ion	Ratio	Lower	Upper
76	100		
78	12.1	7.4	11.0#



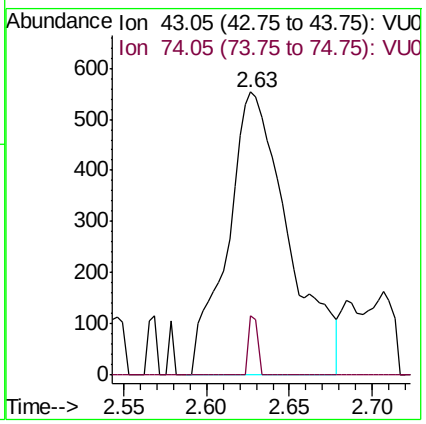


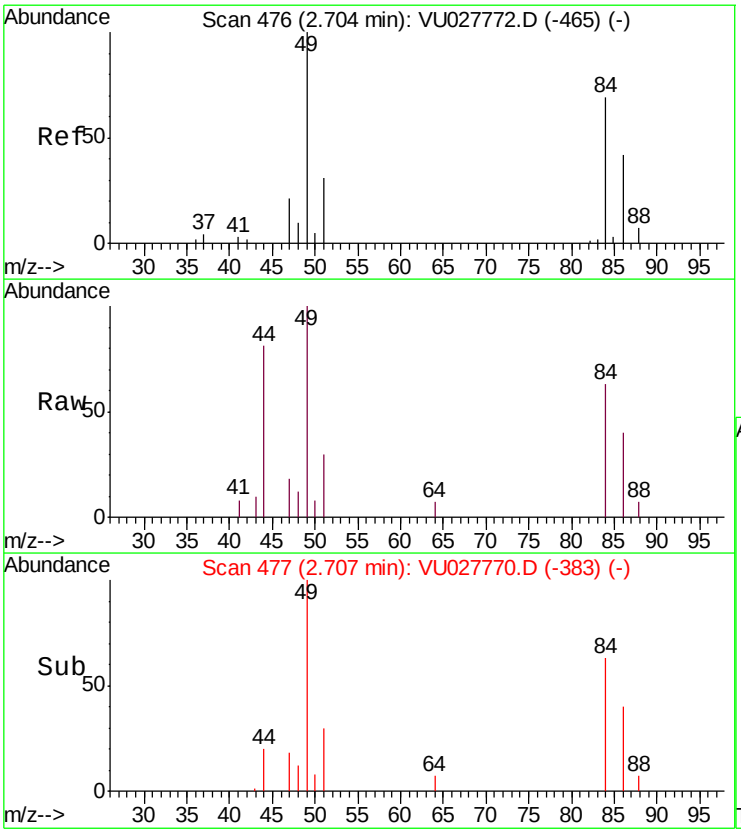
#15
Methyl Acetate
Concen: 0.676 ug/L
RT: 2.63 min Scan# 452
Delta R.T. 0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument : MSVOA_U
ClientSampleId : VSTD0.542

Tgt Ion: 43 Resp: 1421

Ion	Ratio	Lower	Upper
43	100		
74	3.0	15.8	23.8#

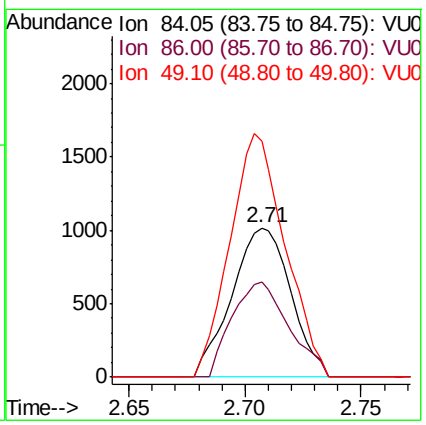


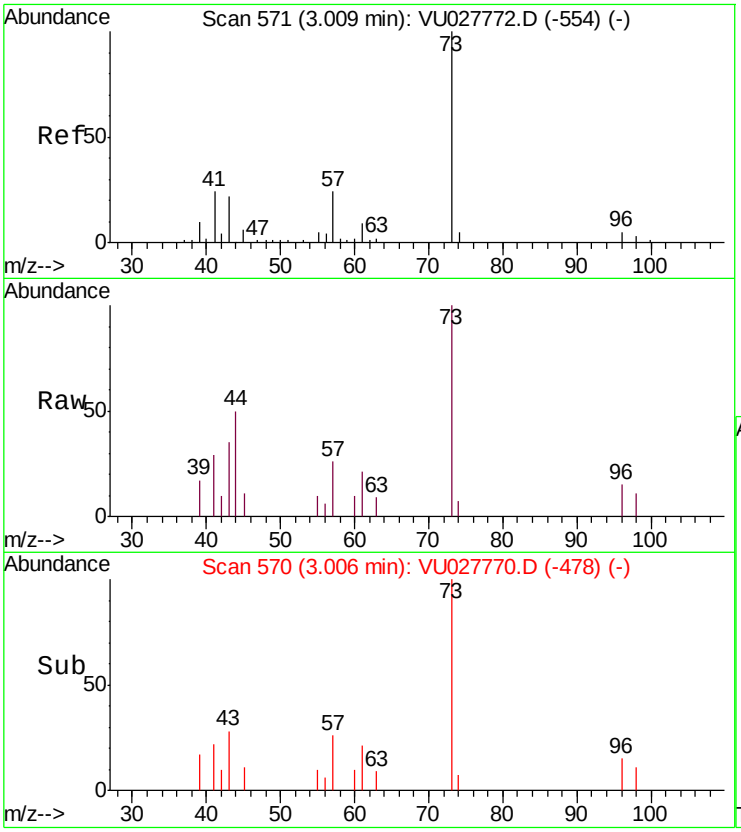


#16
Methylene chloride
Concen: 0.556 ug/L
RT: 2.71 min Scan# 477
Delta R.T. 0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion: 84 Resp: 1796

Ion	Ratio	Lower	Upper
84	100		
86	63.5	42.8	79.4
49	157.7	101.4	188.4



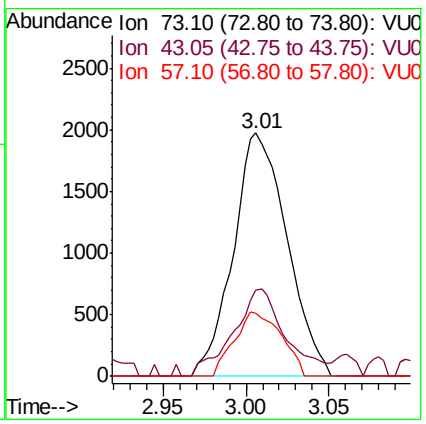


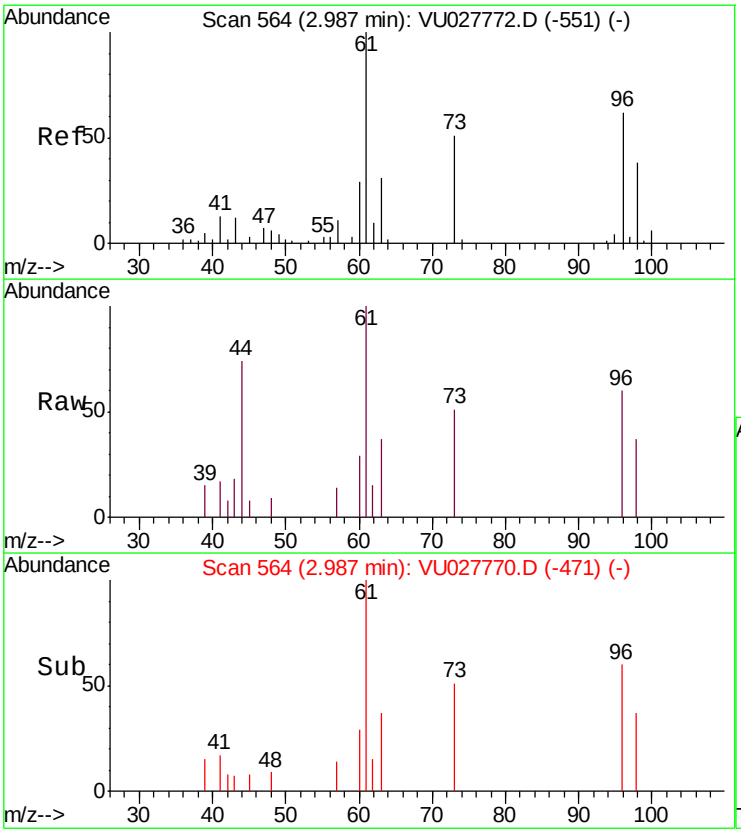
#17
Methyl tert-butyl Ether
Concen: 0.507 ug/L
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument : MSVOA_U
ClientSampleId : VSTD0.542

Tgt Ion: 73 Resp: 4448

Ion	Ratio	Lower	Upper
73	100		
43	34.7	18.6	28.0#
57	23.2	18.2	27.2

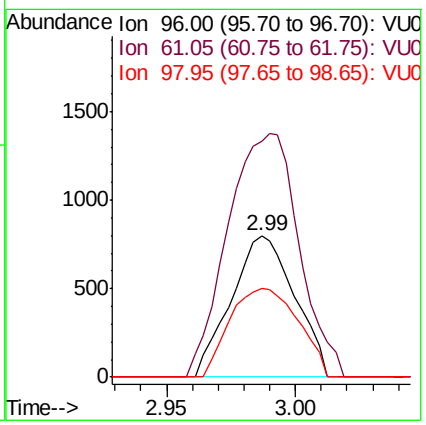


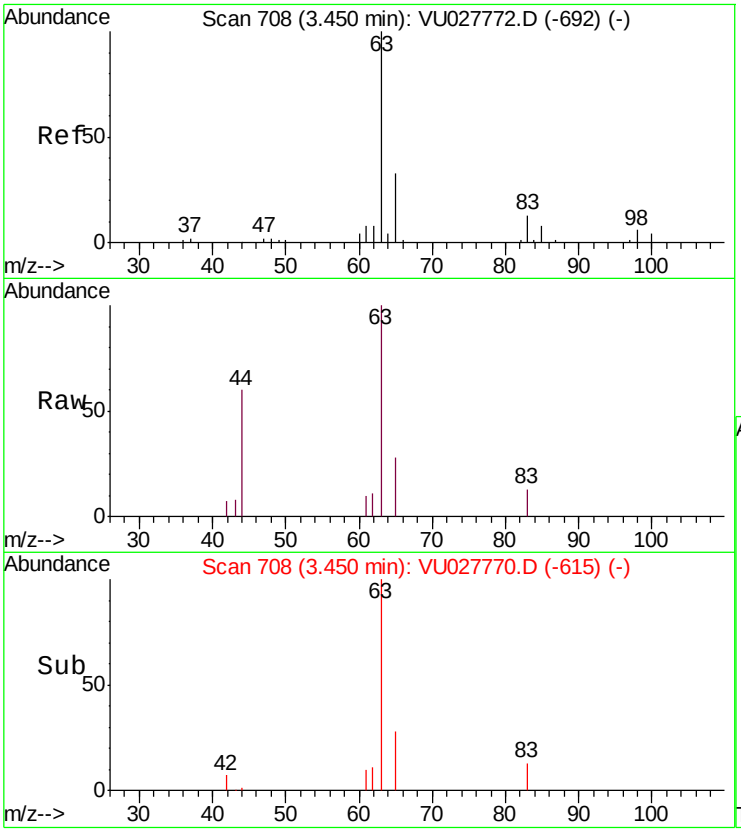


#18
trans-1,2-Dichloroethene
Concen: 0.465 ug/L
RT: 2.99 min Scan# 564
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion: 96 Resp: 1365

Ion	Ratio	Lower	Upper
96	100		
61	167.2	112.1	208.3
98	62.3	42.1	78.3



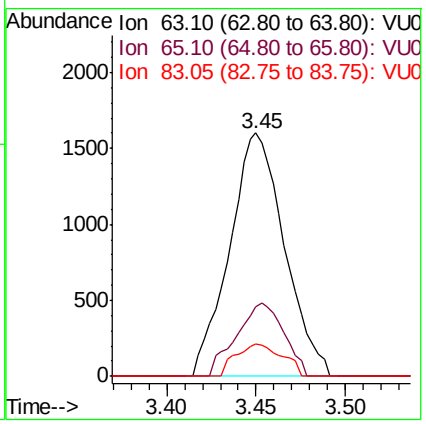


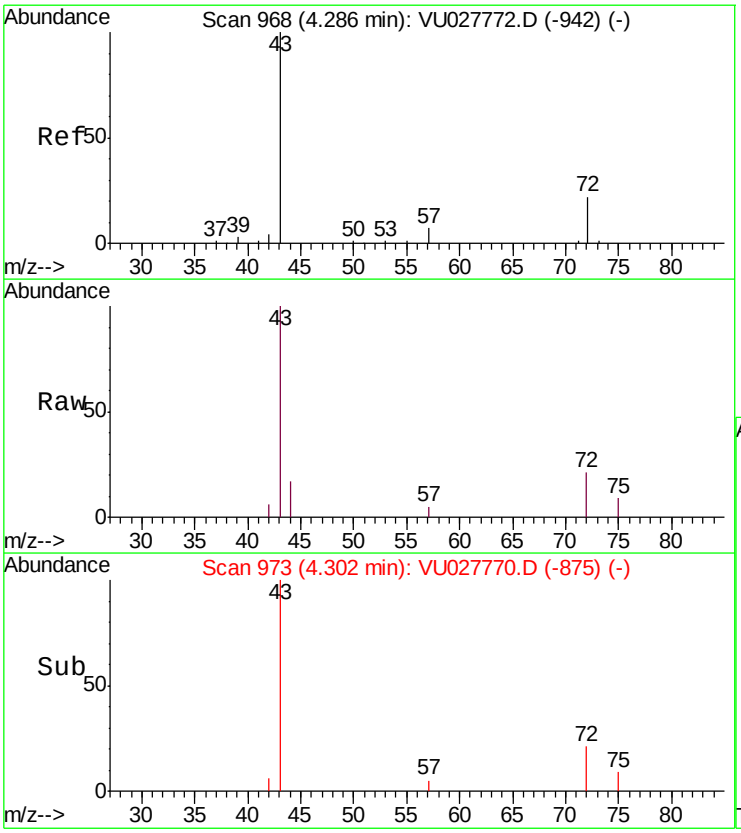
#19
1,1-Dichloroethane
Concen: 0.527 ug/L
RT: 3.45 min Scan# 708
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.542

Tgt Ion: 63 Resp: 3423

Ion	Ratio	Lower	Upper
63	100		
65	28.4	23.1	42.9
83	13.5	9.2	17.0

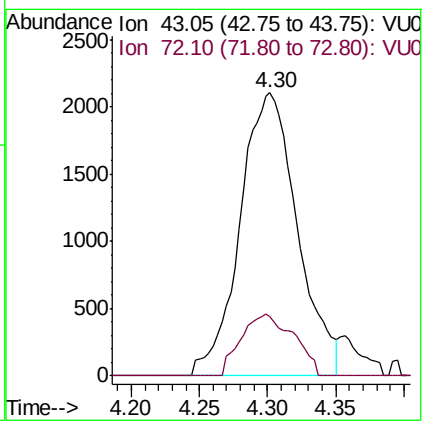


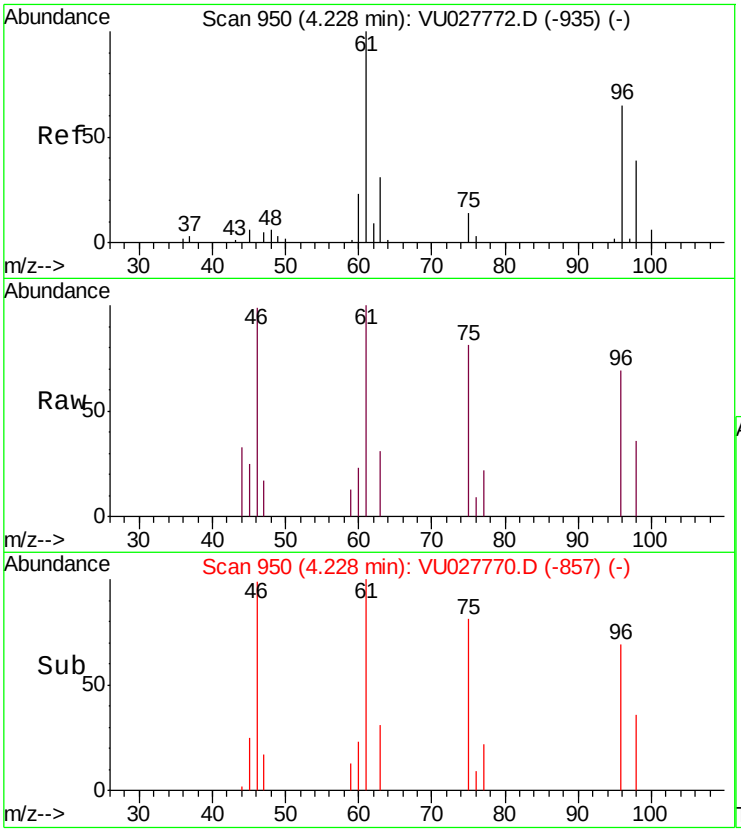


#21
2-Butanone
Concen: 5.003 ug/L
RT: 4.30 min Scan# 973
Delta R.T. 0.02 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion: 43 Resp: 6164

Ion	Ratio	Lower	Upper
43	100		
72	20.1	10.5	31.6



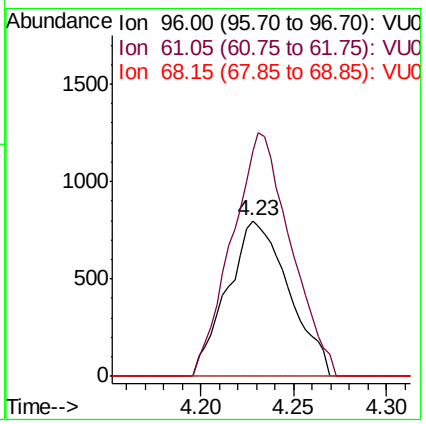


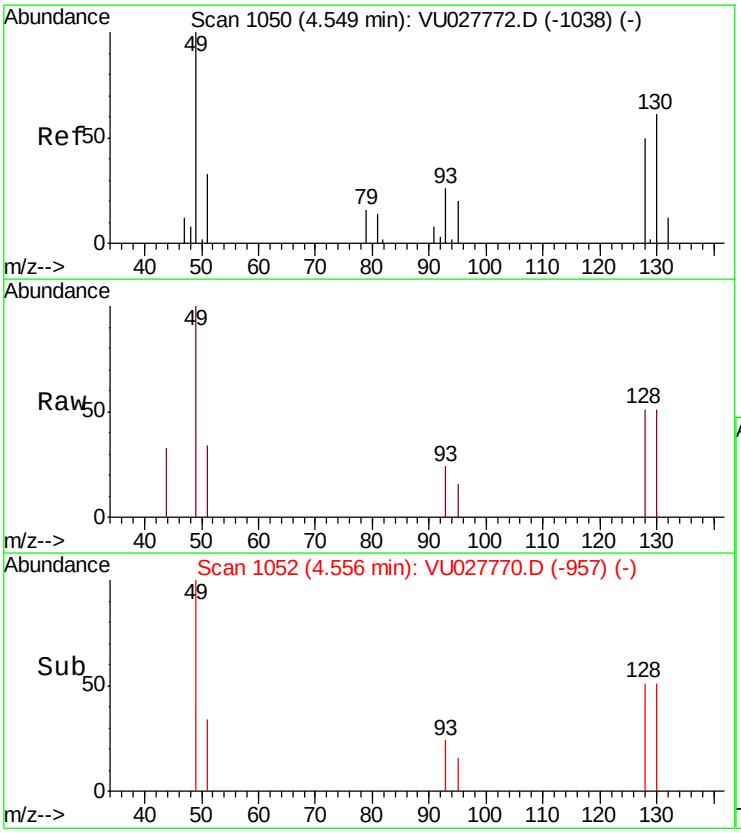
#22
cis-1,2-Dichloroethene
Concen: 0.528 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.542

Tgt Ion: 96 Resp: 1841

Ion	Ratio	Lower	Upper
96	100		
61	145.3	107.2	199.0
68	0.0	0.0	0.0

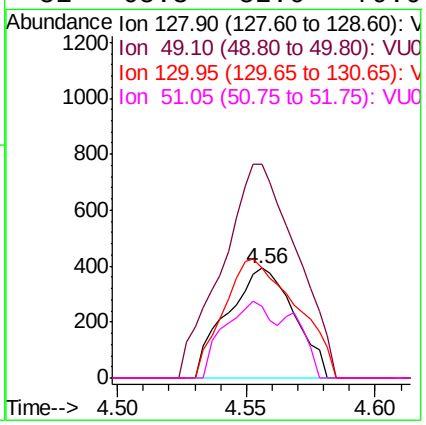


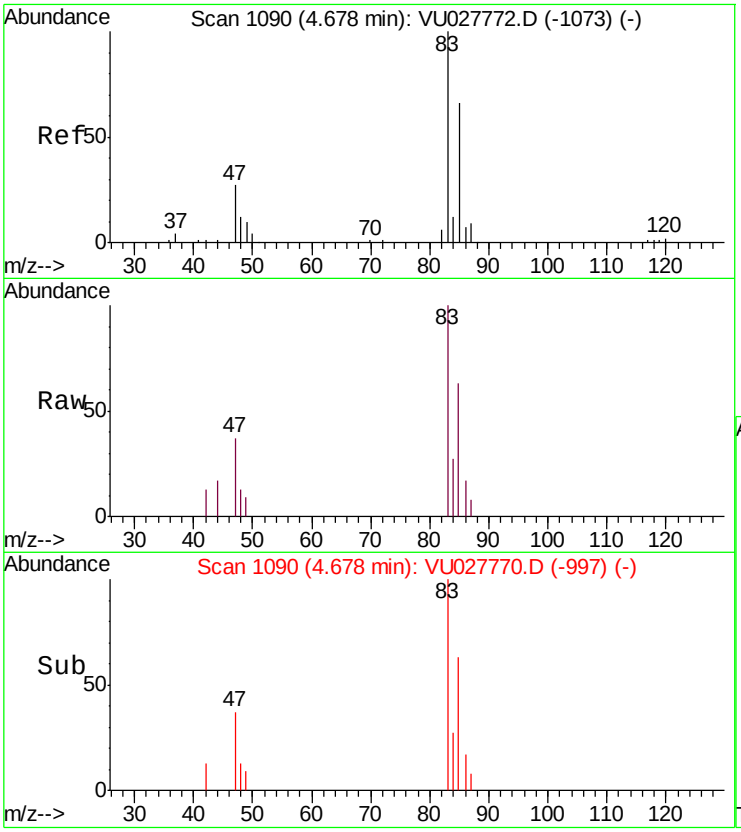


#23
Bromochloromethane
Concen: 0.503 ug/L
RT: 4.56 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion:128 Resp: 711

Ion	Ratio	Lower	Upper
128	100		
49	194.9	142.8	265.2
130	100.0	86.0	159.8
51	65.3	52.6	79.0



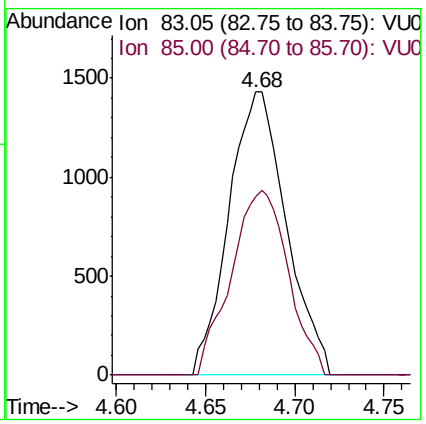


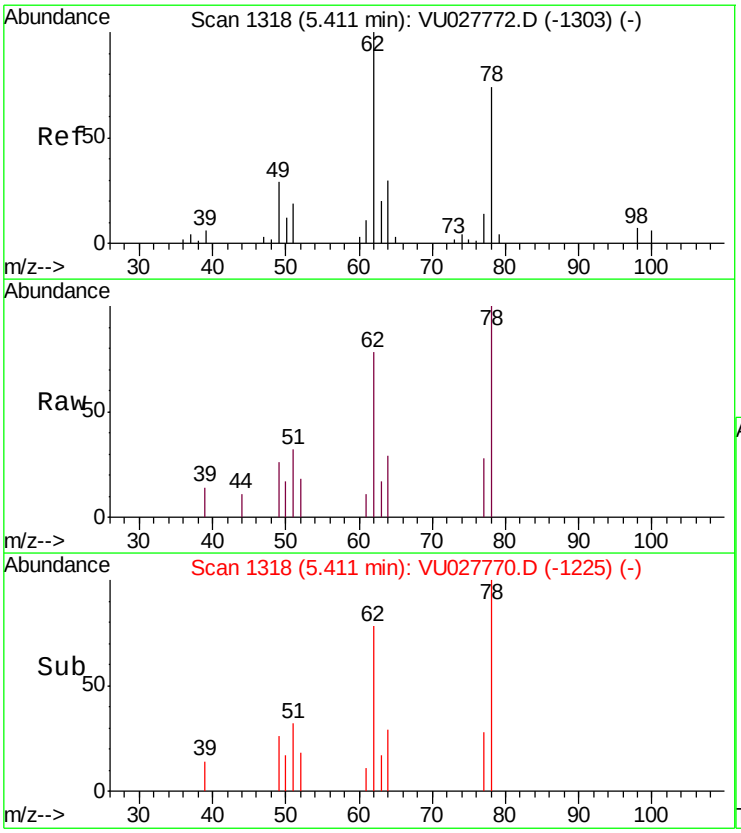
#25
Chloroform
Concen: 0.491 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument : MSVOA_U
ClientSampleId : VSTD0.542

Tgt Ion: 83 Resp: 3206

Ion	Ratio	Lower	Upper
83	100		
85	62.9	45.8	85.2

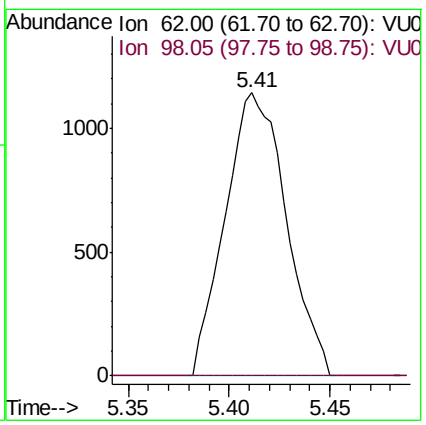


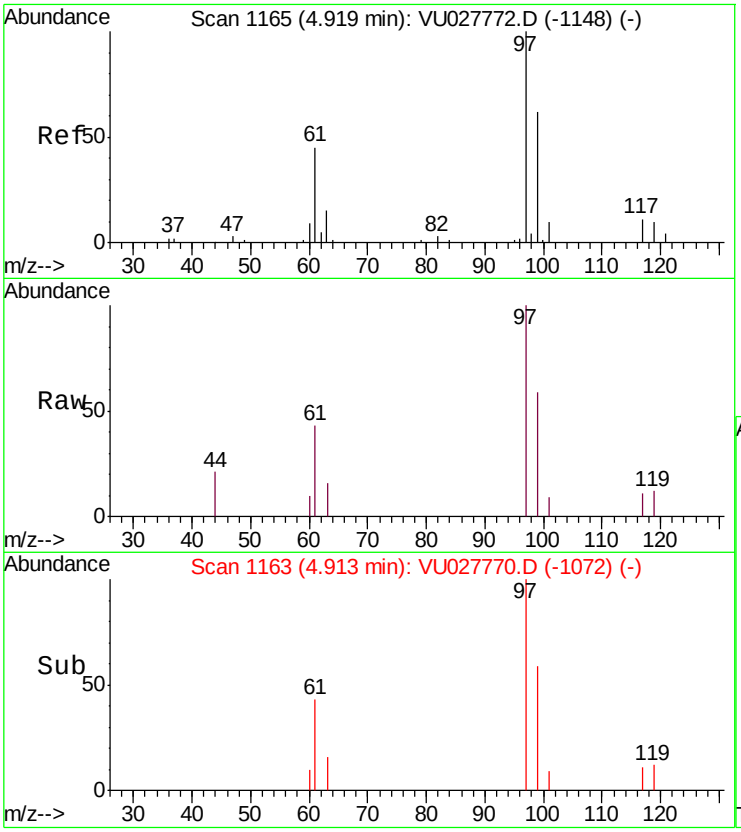


#27
1,2-Dichloroethane
Concen: 0.502 ug/L
RT: 5.41 min Scan# 1318
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion: 62 Resp: 2422

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.7	8.5#



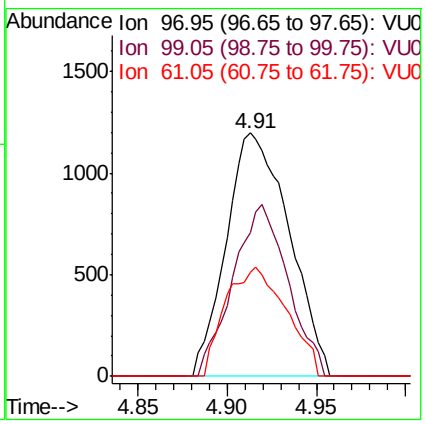


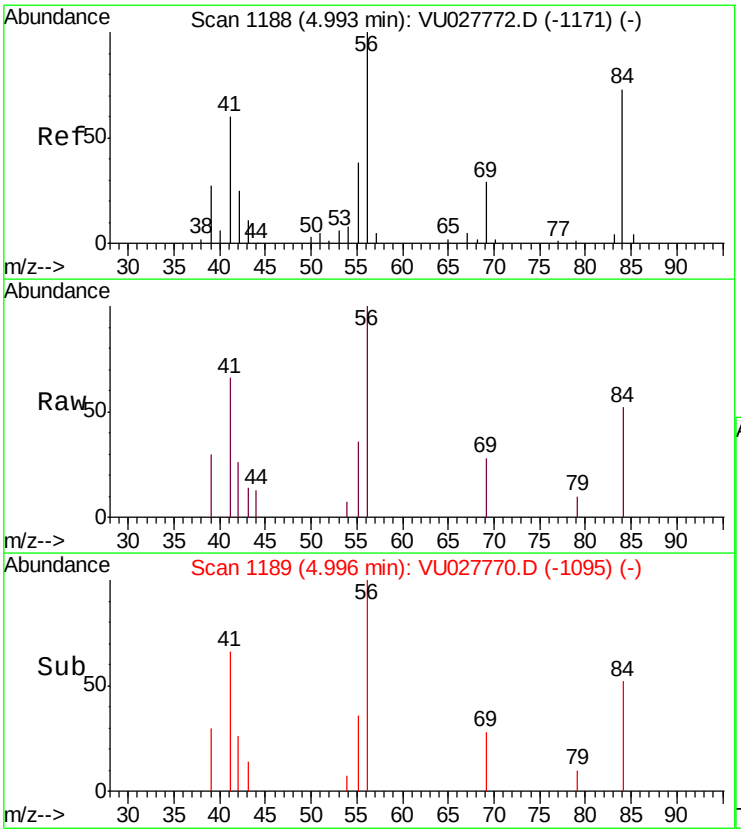
#29
1,1,1-Trichloroethane
Concen: 0.491 ug/L
RT: 4.91 min Scan# 1163
Delta R.T. -0.01 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.542

Tgt Ion: 97 Resp: 2938

Ion	Ratio	Lower	Upper
97	100		
99	61.6	51.3	76.9
61	43.5	36.7	55.1

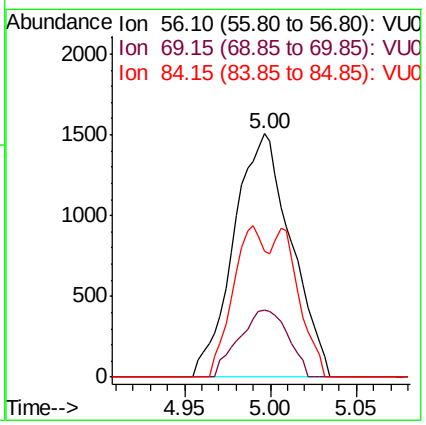


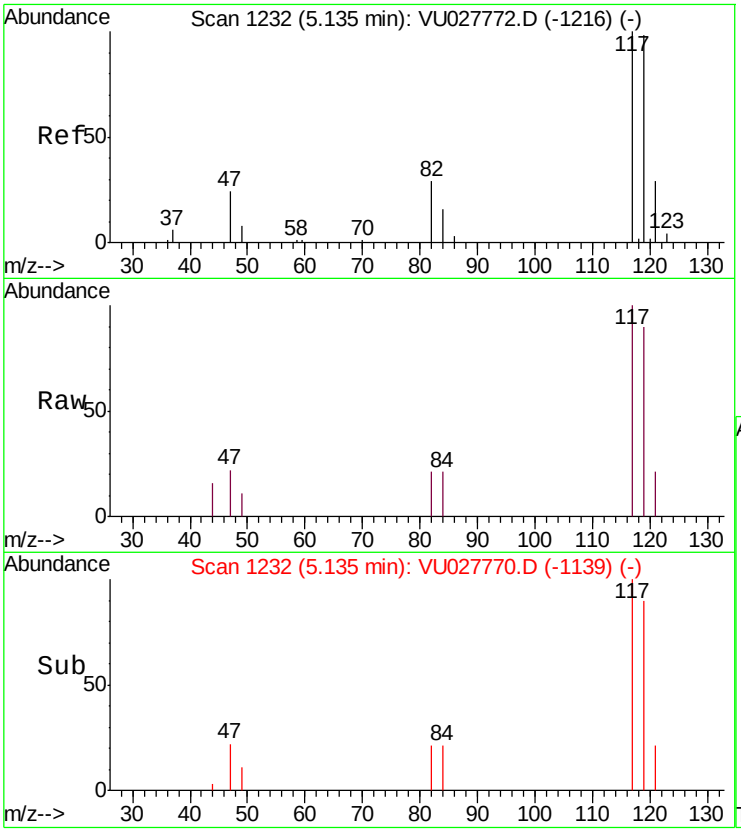


#30
Cyclohexane
Concen: 0.521 ug/L
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion: 56 Resp: 3488

Ion	Ratio	Lower	Upper
56	100		
69	23.5	22.2	33.4
84	38.0	58.6	88.0#



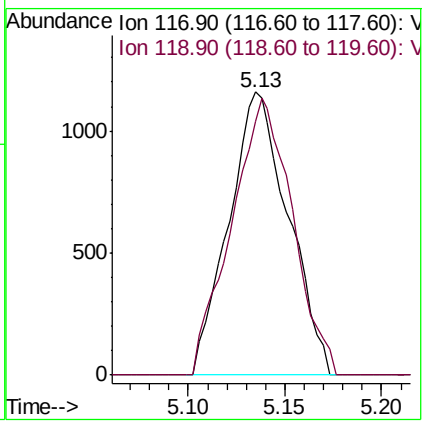


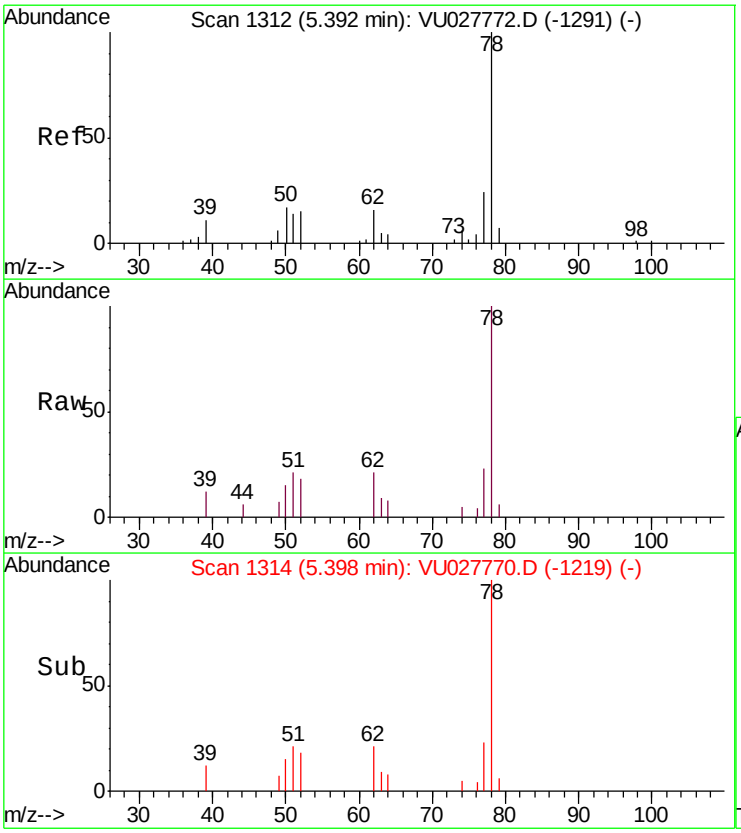
#31
Carbon tetrachloride
Concen: 0.483 ug/L
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument : MSVOA_U
ClientSampleId : VSTD0.542

Tgt Ion:117 Resp: 2480

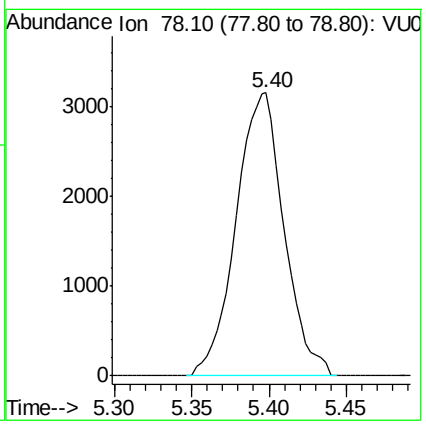
Ion	Ratio	Lower	Upper
117	100		
119	99.8	77.0	115.6

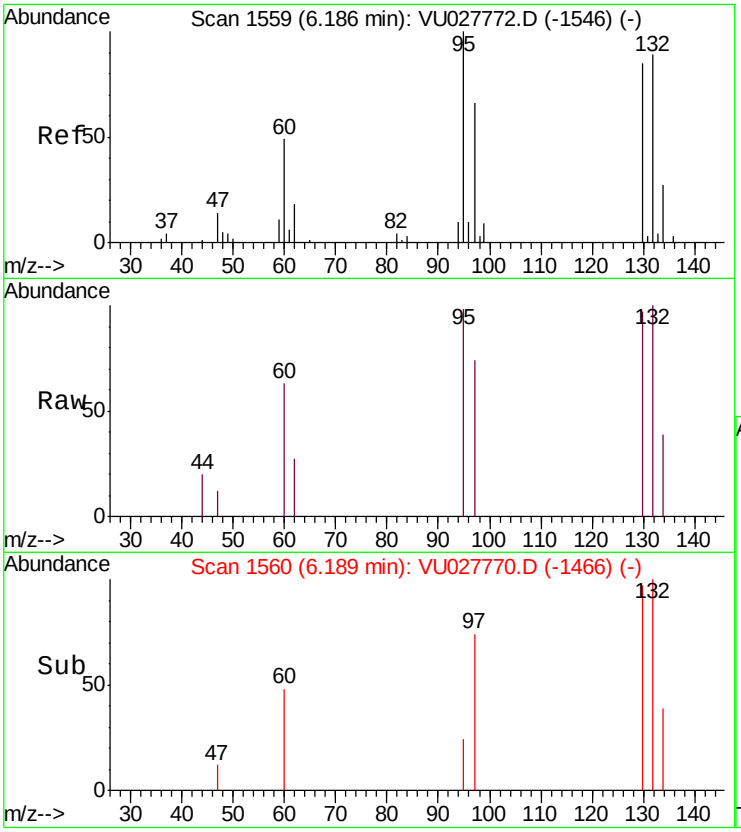




#33
Benzene
Concen: 0.493 ug/L
RT: 5.40 min Scan# 1314
Delta R.T. 0.01 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion: 78 Resp: 6813



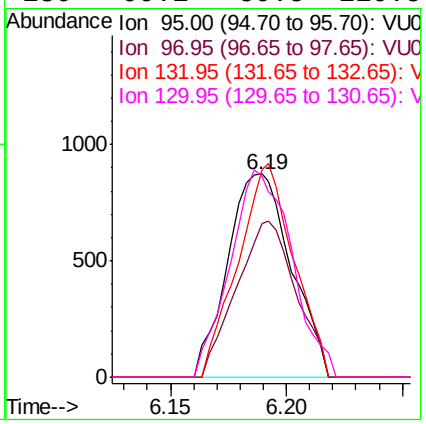


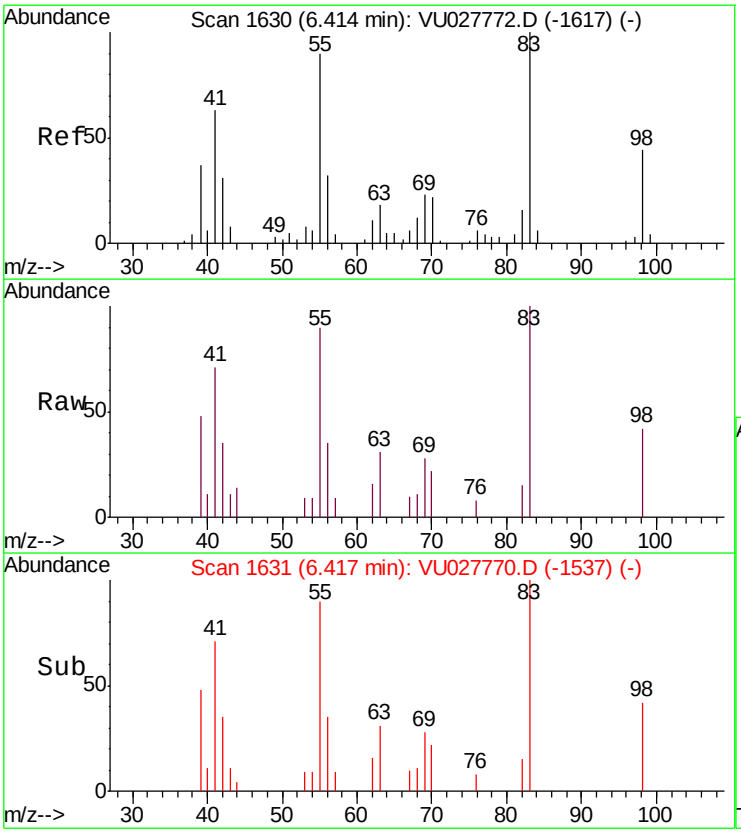
#34
Trichloroethene
Concen: 0.465 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.542

Tgt Ion: 95 Resp: 1664

Ion	Ratio	Lower	Upper
95	100		
97	75.5	46.4	86.2
132	101.8	62.0	115.2
130	99.1	59.5	110.5

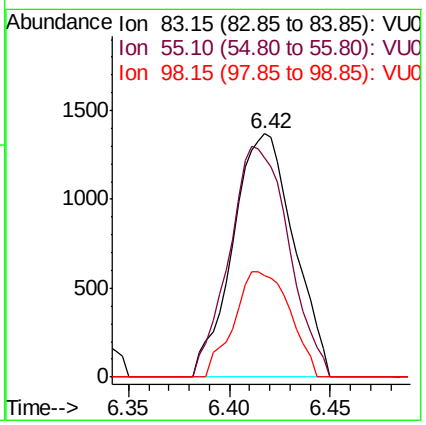


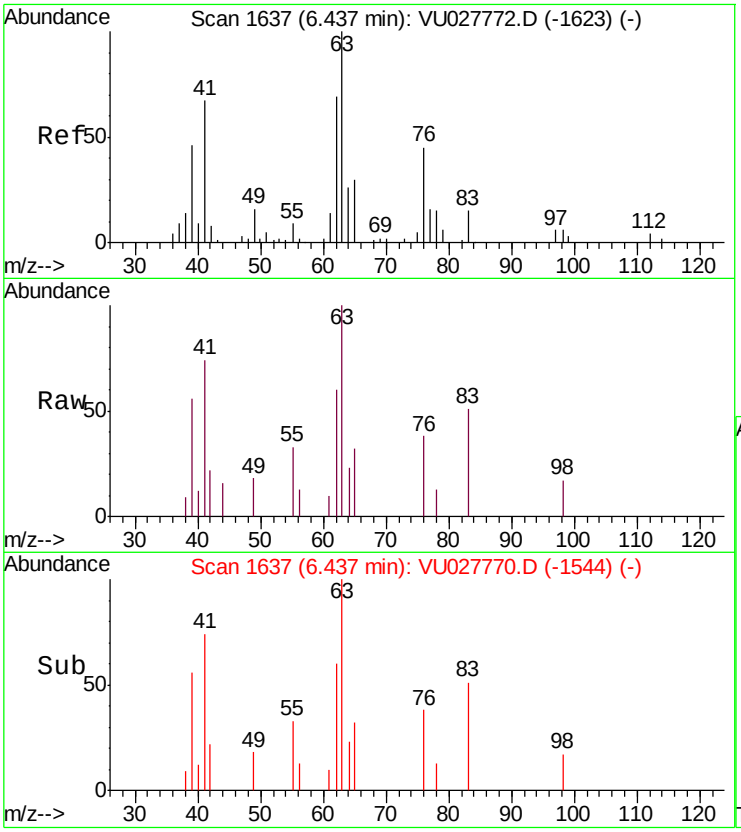


#35
Methylcyclohexane
Concen: 0.483 ug/L
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion: 83 Resp: 2890

Ion	Ratio	Lower	Upper
83	100		
55	92.5	71.5	107.3
98	39.7	35.4	53.0



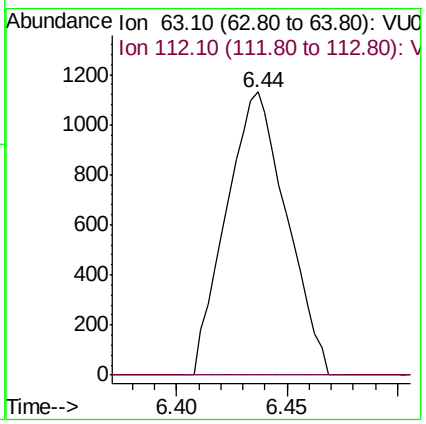


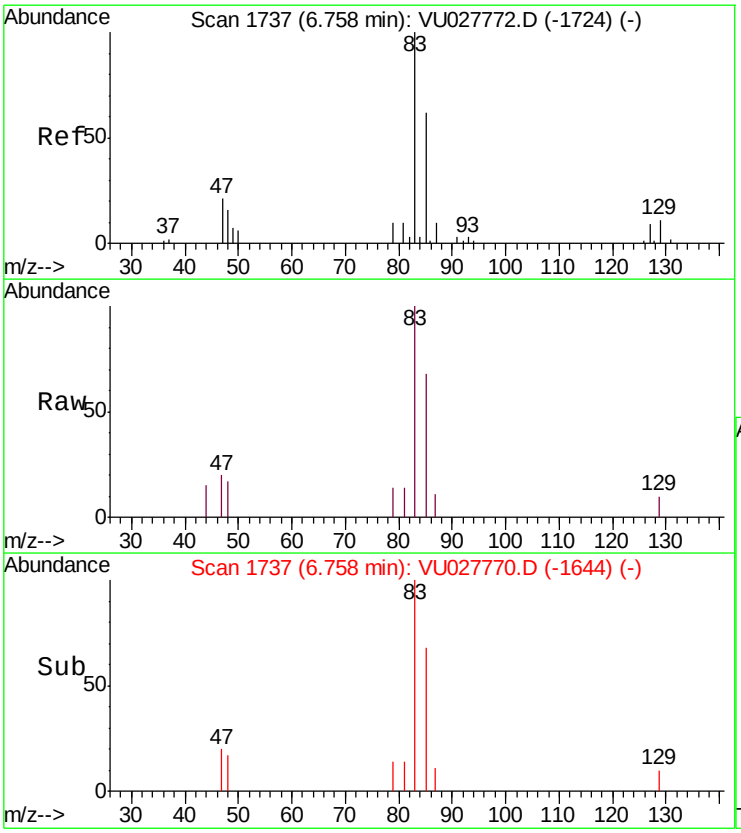
#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 6.44 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.542

Tgt Ion: 63 Resp: 2147

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.7	4.1#

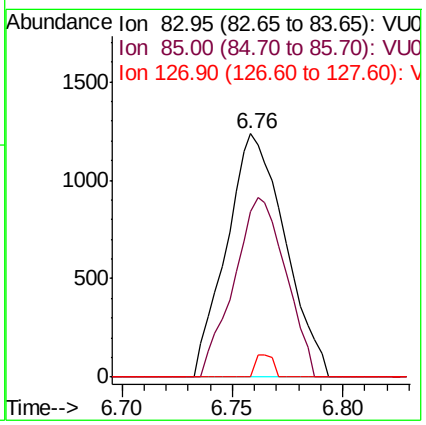


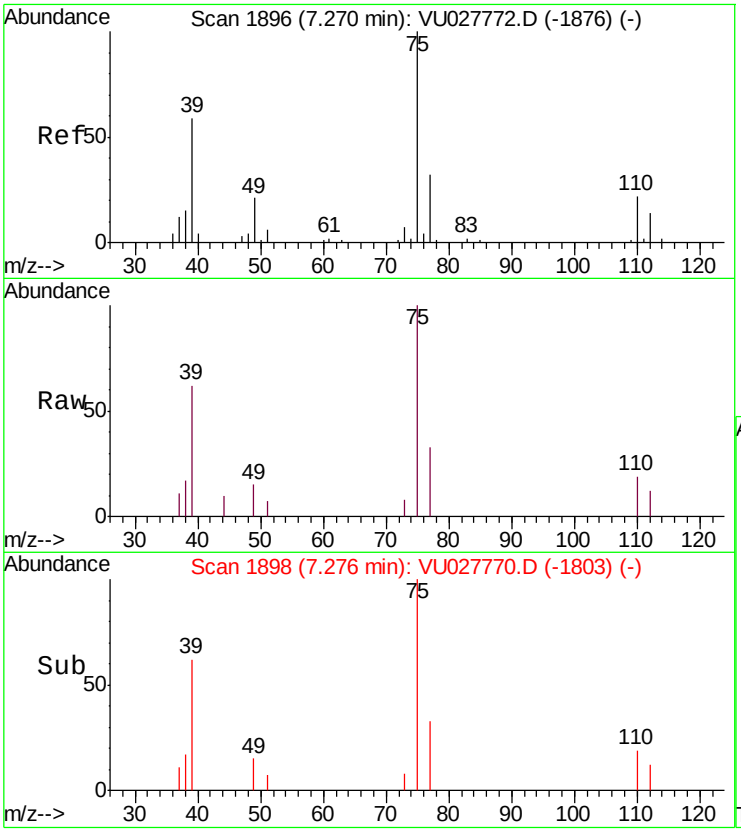


#38
Bromodichloromethane
Concen: 0.470 ug/L
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion: 83 Resp: 2276

Ion	Ratio	Lower	Upper
83	100		
85	68.0	43.3	80.5
127	0.0	7.2	10.8#



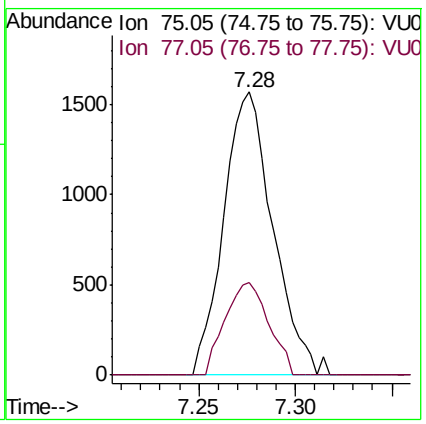


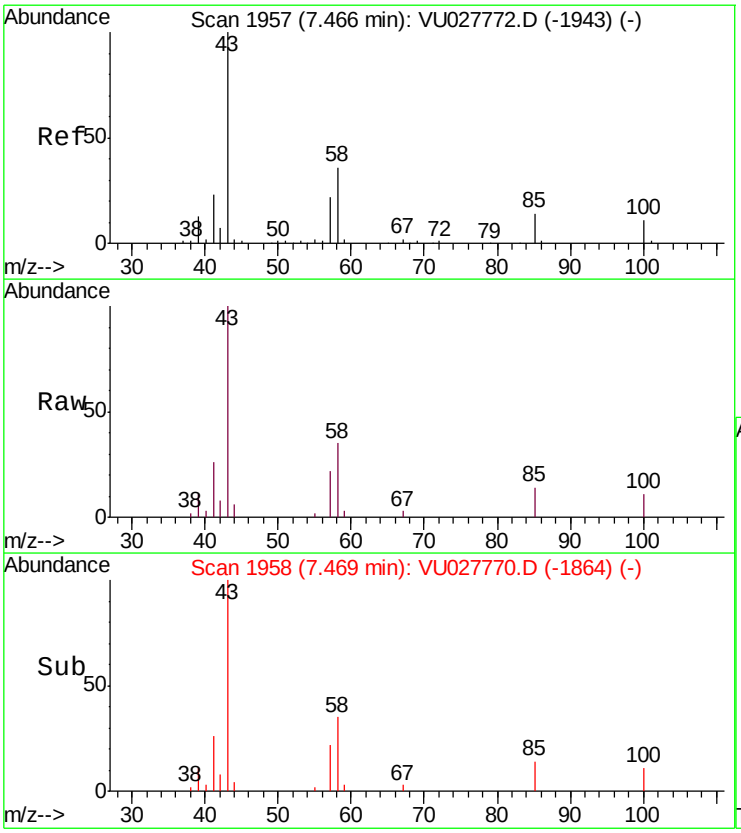
#39
cis-1,3-Dichloropropene
Concen: 0.477 ug/L
RT: 7.28 min Scan# 1898
Delta R.T. 0.01 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.542

Tgt Ion: 75 Resp: 2773

Ion	Ratio	Lower	Upper
75	100		
77	32.6	22.5	41.7

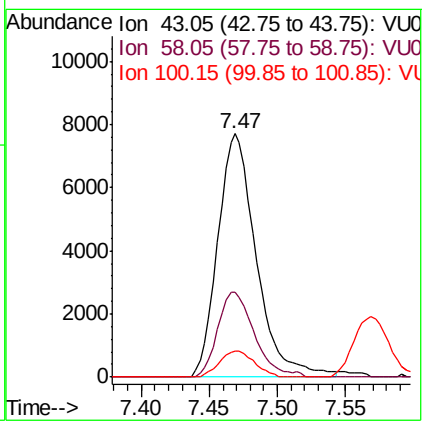


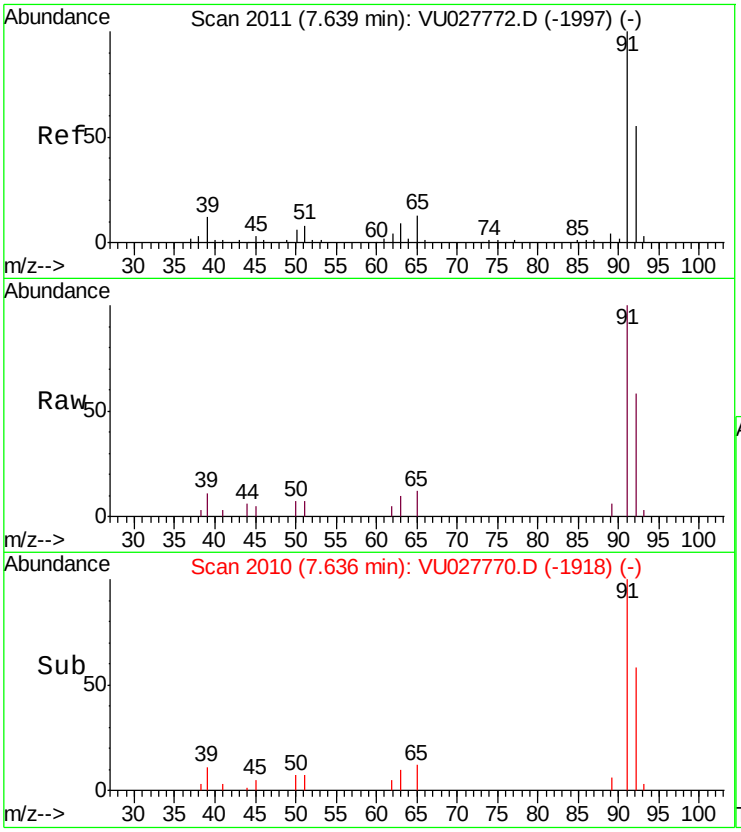


#40
4-Methyl-2-pentanone
Concen: 4.978 ug/L
RT: 7.47 min Scan# 1958
Delta R.T. 0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion: 43 Resp: 15093

Ion	Ratio	Lower	Upper
43	100		
58	33.2	28.1	42.1
100	9.8	8.7	13.1



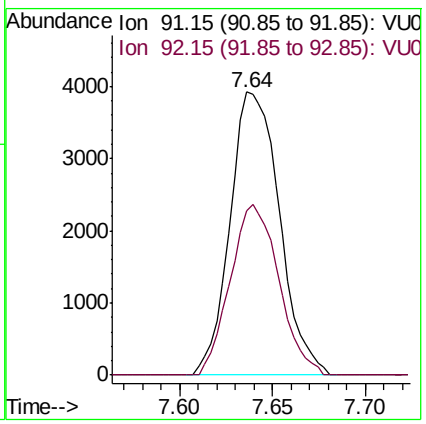


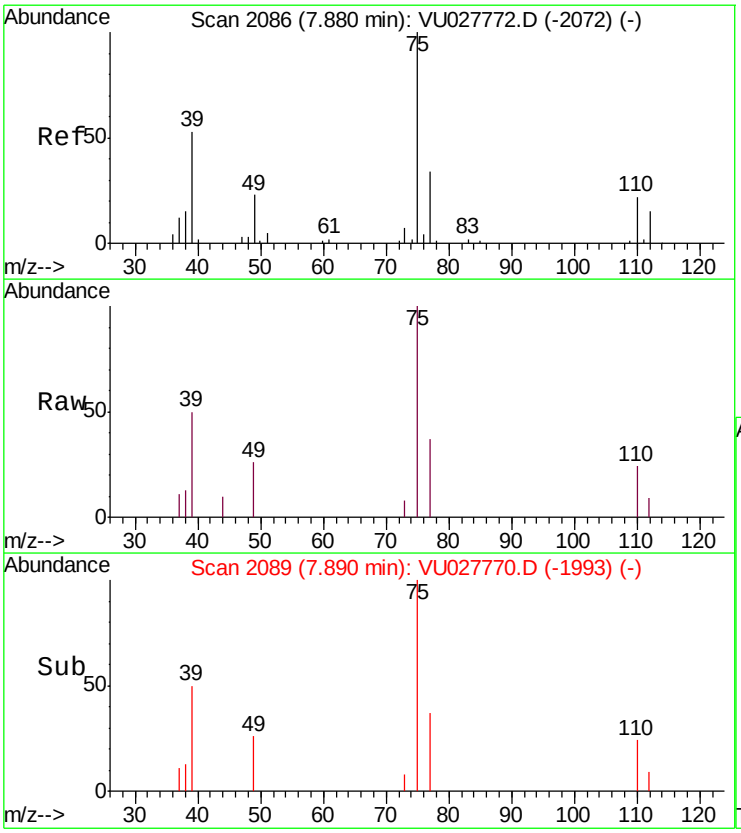
#42
Toluene
Concen: 0.490 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument : MSVOA_U
ClientSampleId : VSTD0.542

Tgt Ion: 91 Resp: 7279

Ion	Ratio	Lower	Upper
91	100		
92	58.0	38.6	71.8

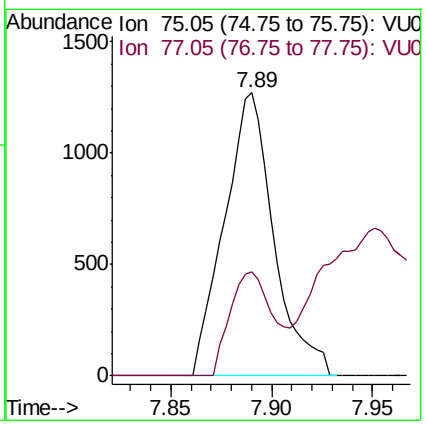


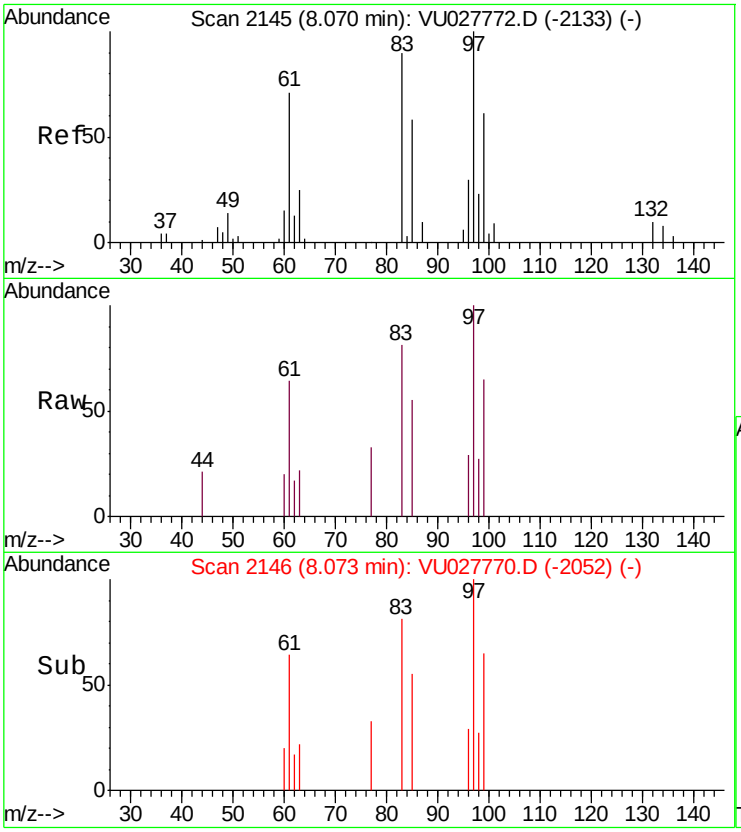


#44
trans-1,3-Dichloropropene
Concen: 0.445 ug/L
RT: 7.89 min Scan# 2089
Delta R.T. 0.01 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion: 75 Resp: 2178

Ion	Ratio	Lower	Upper
75	100		
77	36.7	23.5	43.7



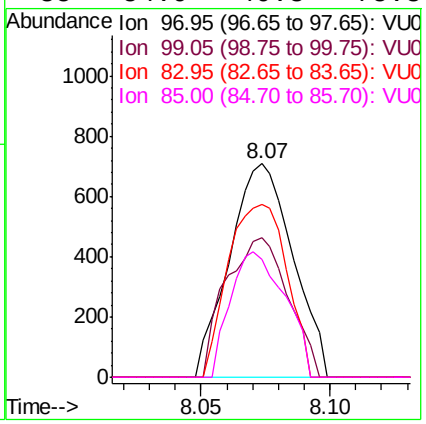


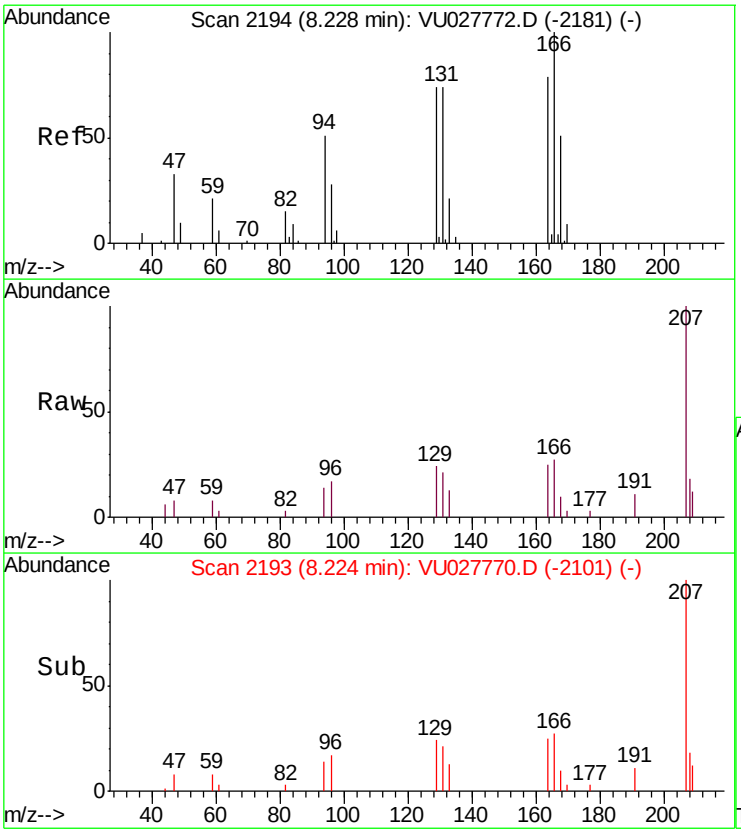
#45
1,1,2-Trichloroethane
Concen: 0.494 ug/L
RT: 8.07 min Scan# 2146
Delta R.T. 0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument : MSVOA_U
ClientSampleId : VSTD0.542

Tgt Ion: 97 Resp: 1210

Ion	Ratio	Lower	Upper
97	100		
99	65.3	42.8	79.6
83	80.7	62.9	116.9
85	54.9	40.8	75.8

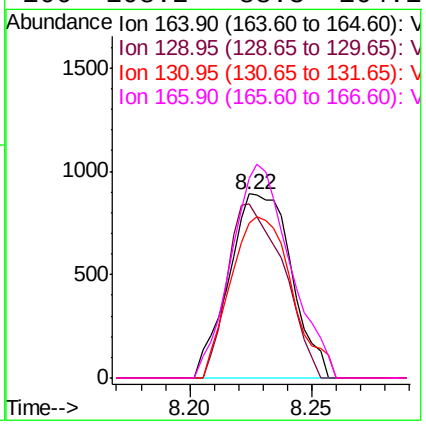


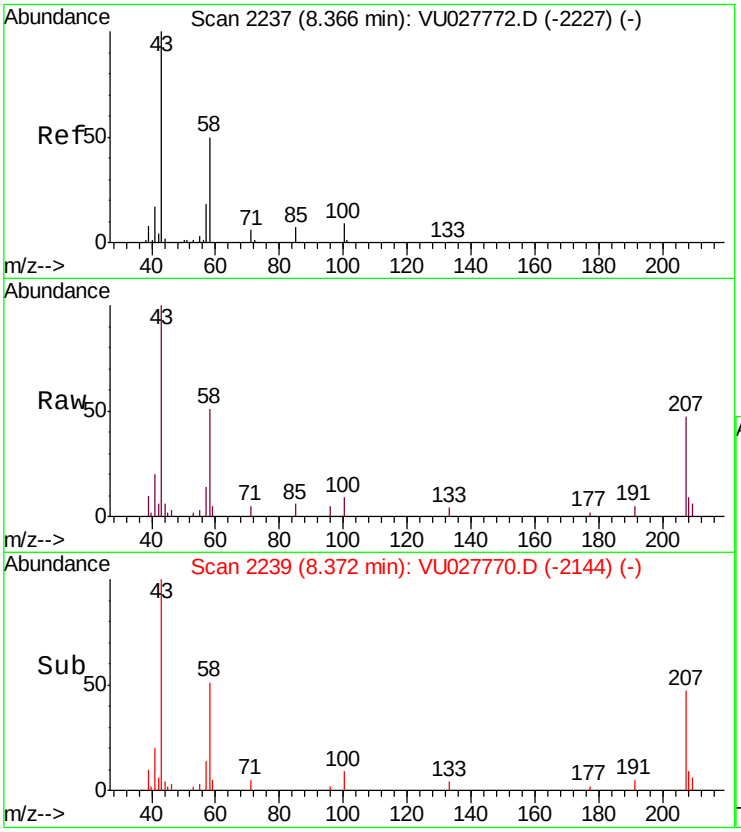


#47
Tetrachloroethene
Concen: 0.546 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion:164 Resp: 1587

Ion	Ratio	Lower	Upper
164	100		
129	94.8	65.6	121.8
131	84.4	65.0	120.8
166	108.2	88.3	164.1



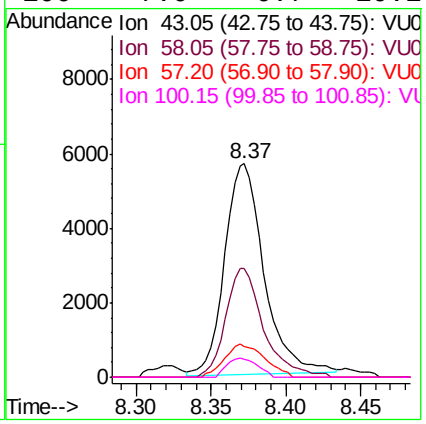


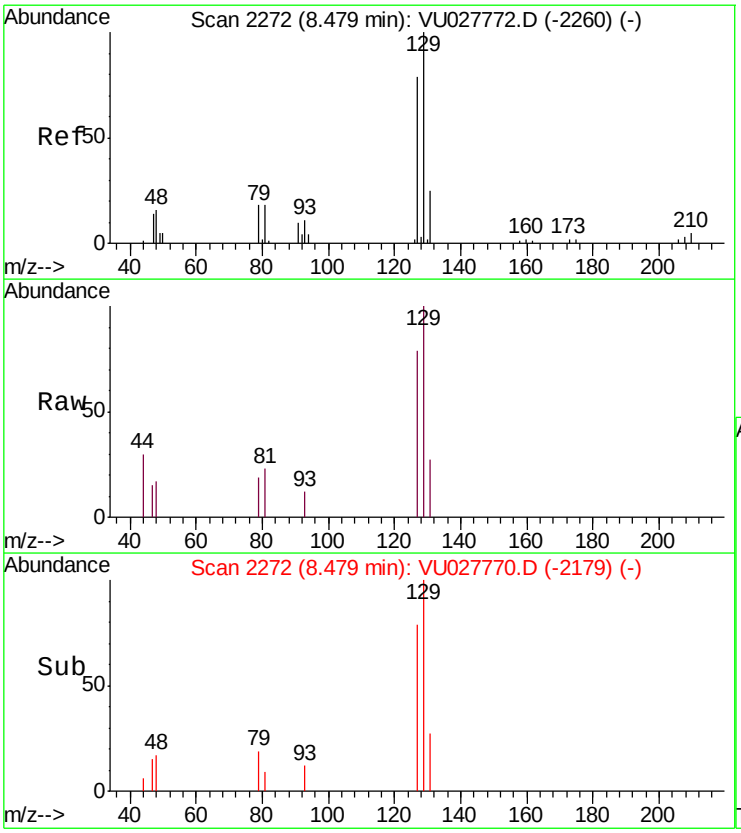
#48
2-Hexanone
Concen: 4.778 ug/L
RT: 8.37 min Scan# 2239
Delta R.T. 0.01 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument : MSVOA_U
ClientSampleId : VSTD0.542

Tgt Ion: 43 Resp: 10293

Ion	Ratio	Lower	Upper
43	100		
58	50.1	39.4	59.0
57	16.0	13.8	20.8
100	7.0	6.7	10.1

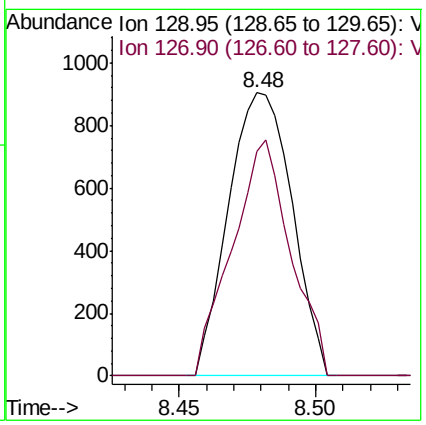


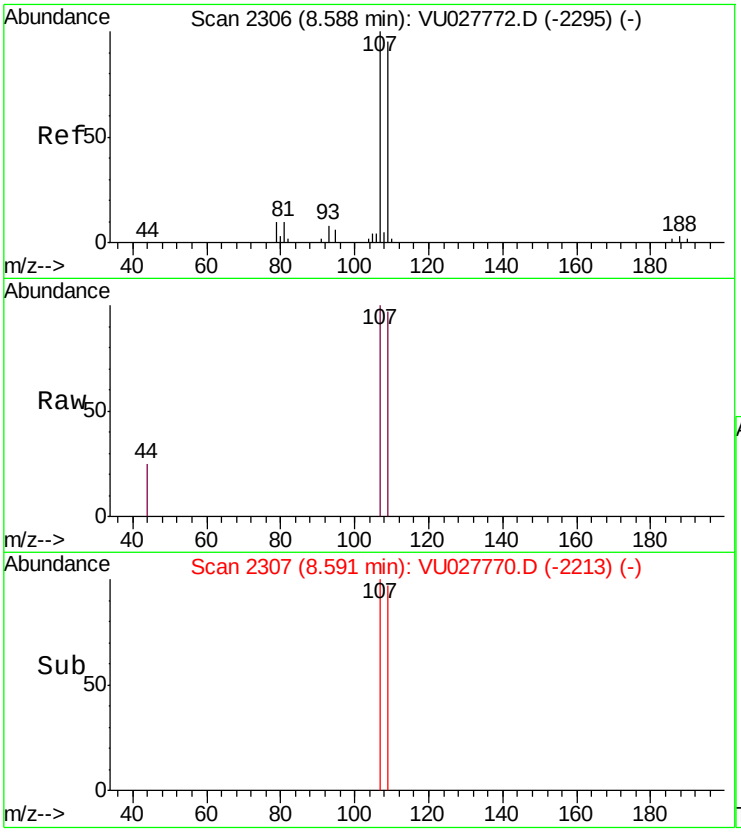


#49
Dibromochloromethane
Concen: 0.470 ug/L
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion:129 Resp: 1466

Ion	Ratio	Lower	Upper
129	100		
127	79.4	55.2	102.4



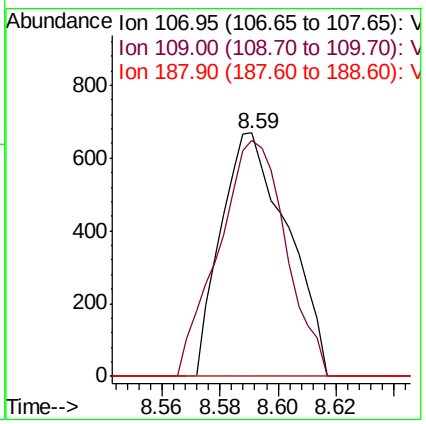


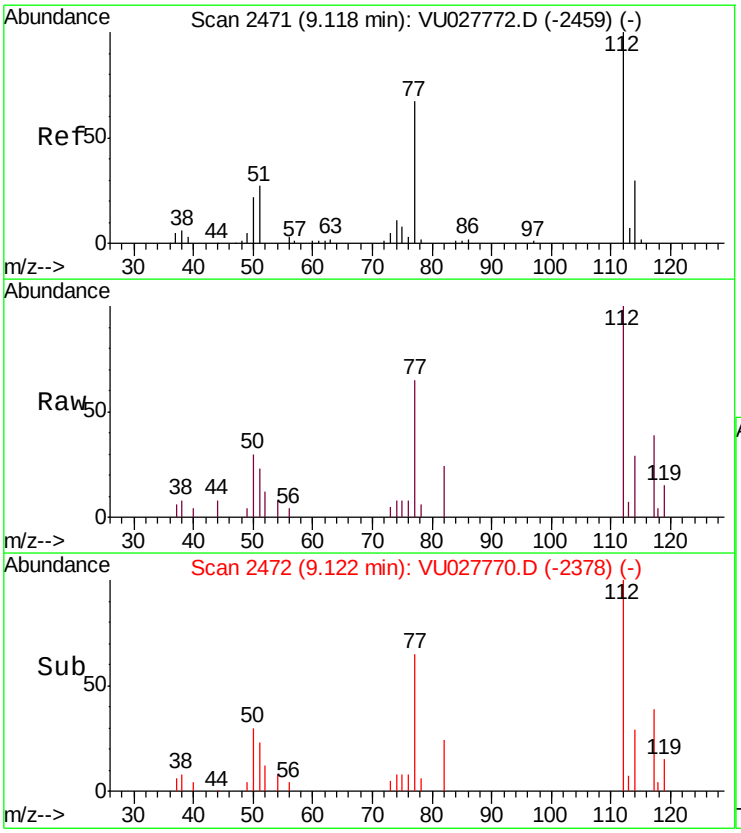
#50
1,2-Dibromoethane
Concen: 0.447 ug/L
RT: 8.59 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument : MSVOA_U
ClientSampleId : VSTD0.542

Tgt Ion:107 Resp: 1063

Ion	Ratio	Lower	Upper
107	100		
109	97.2	66.3	123.1
188	0.0	2.6	3.8#

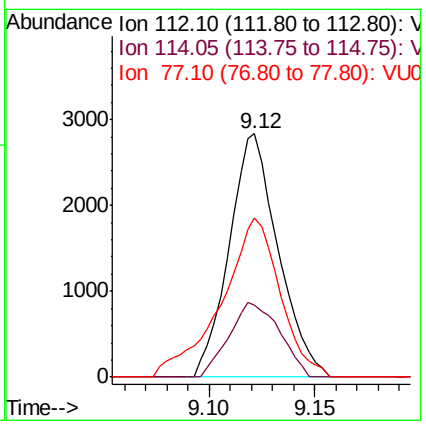


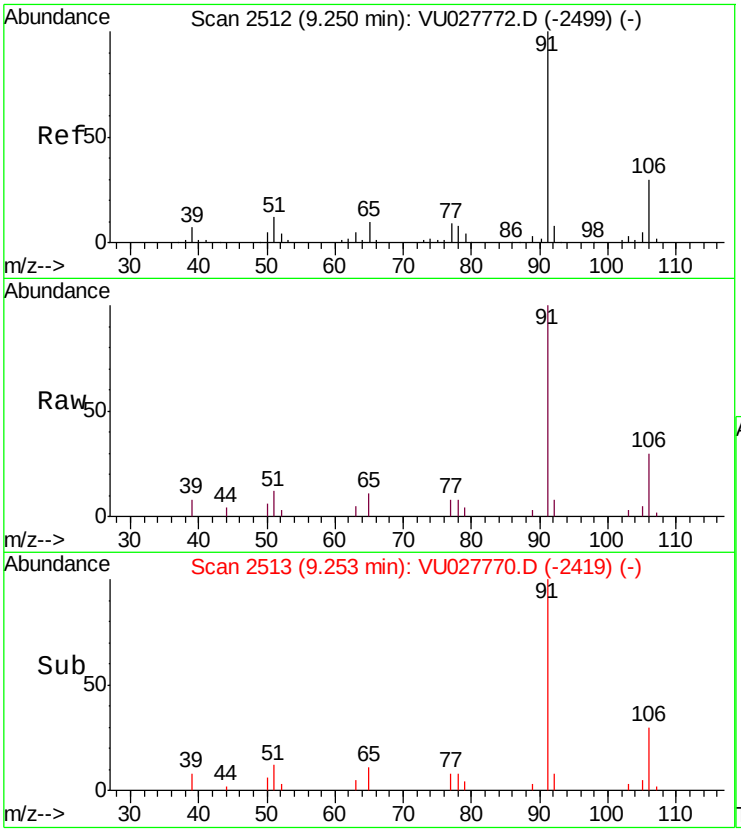


#51
Chlorobenzene
Concen: 0.499 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion:112 Resp: 4564

Ion	Ratio	Lower	Upper
112	100		
114	29.4	21.2	39.4
77	65.1	54.2	81.4



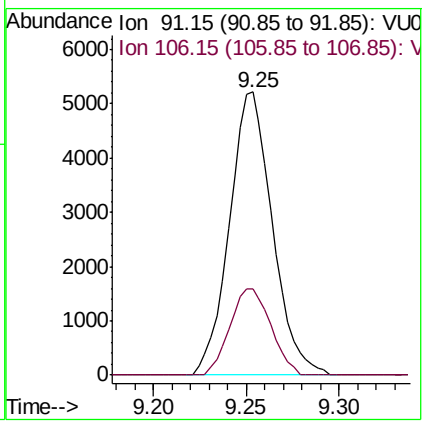


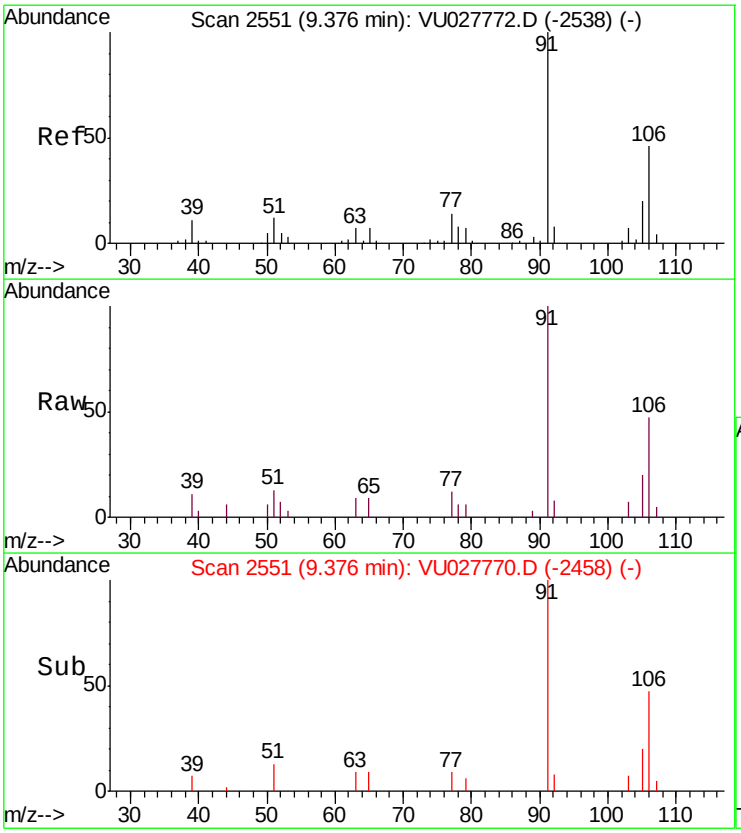
#52
Ethylbenzene
Concen: 0.487 ug/L
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument : MSVOA_U
ClientSampleId : VSTD0.542

Tgt Ion: 91 Resp: 8401

Ion	Ratio	Lower	Upper
91	100		
106	30.3	20.6	38.4

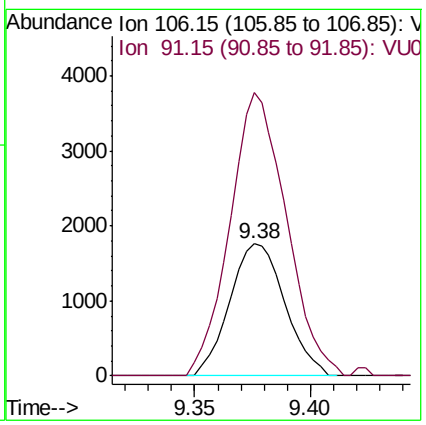


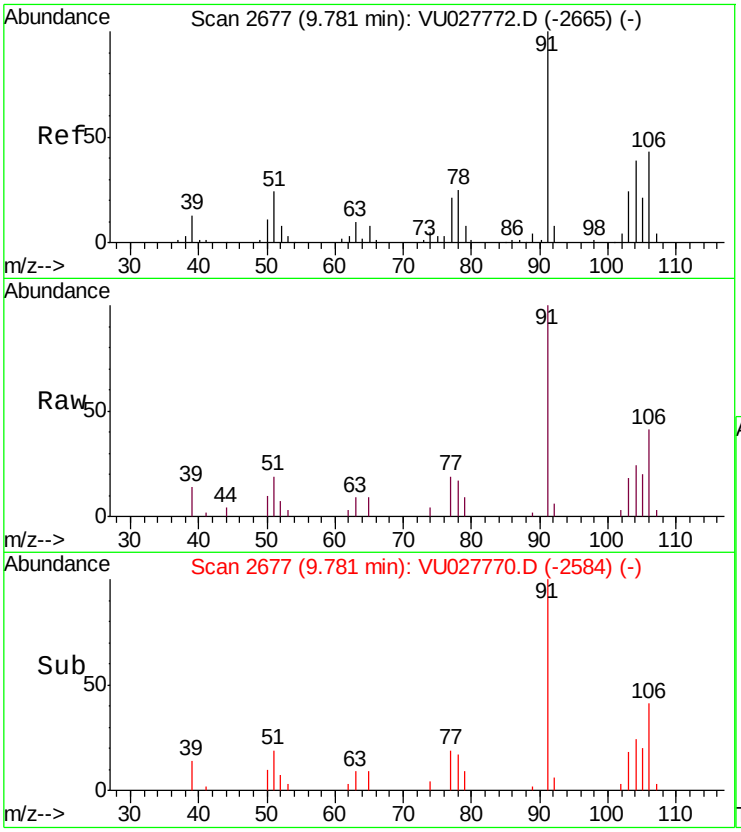


#53
m,p-xylene
Concen: 0.477 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion:106 Resp: 2912

Ion	Ratio	Lower	Upper
106	100		
91	214.1	154.1	286.3



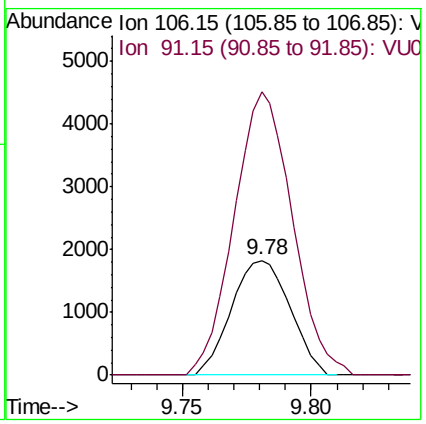


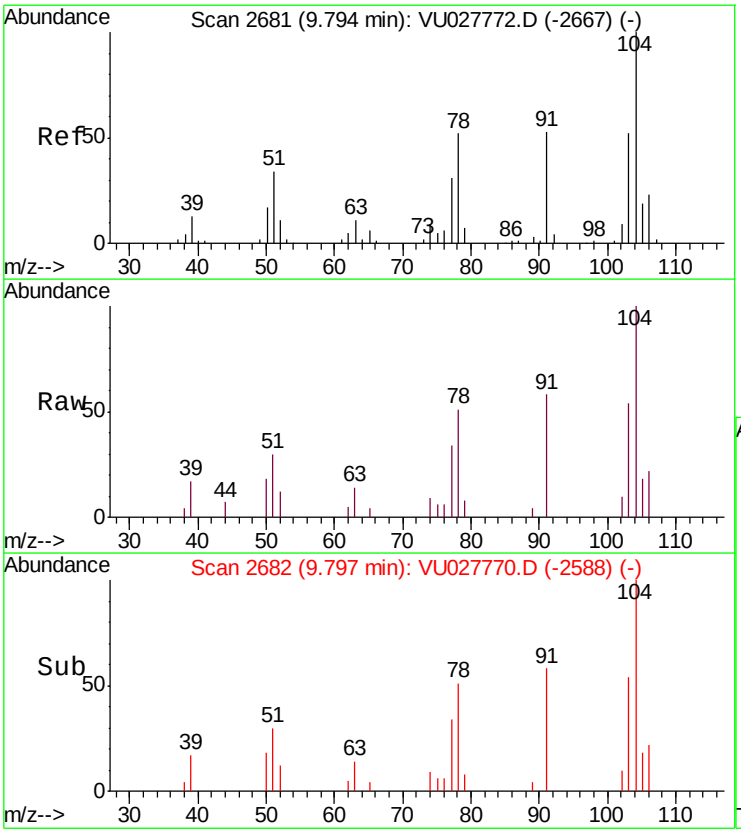
#54
o-xylene
Concen: 0.485 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument : MSVOA_U
ClientSampleId : VSTD0.542

Tgt Ion:106 Resp: 2893

Ion	Ratio	Lower	Upper
106	100		
91	246.3	161.3	299.7

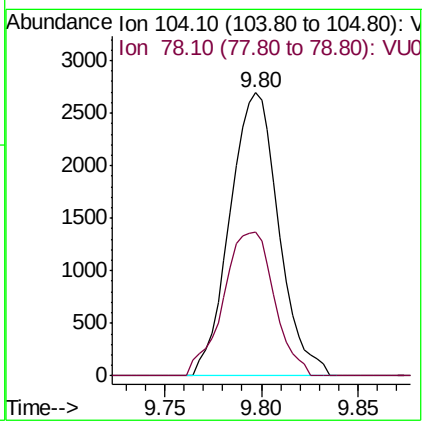


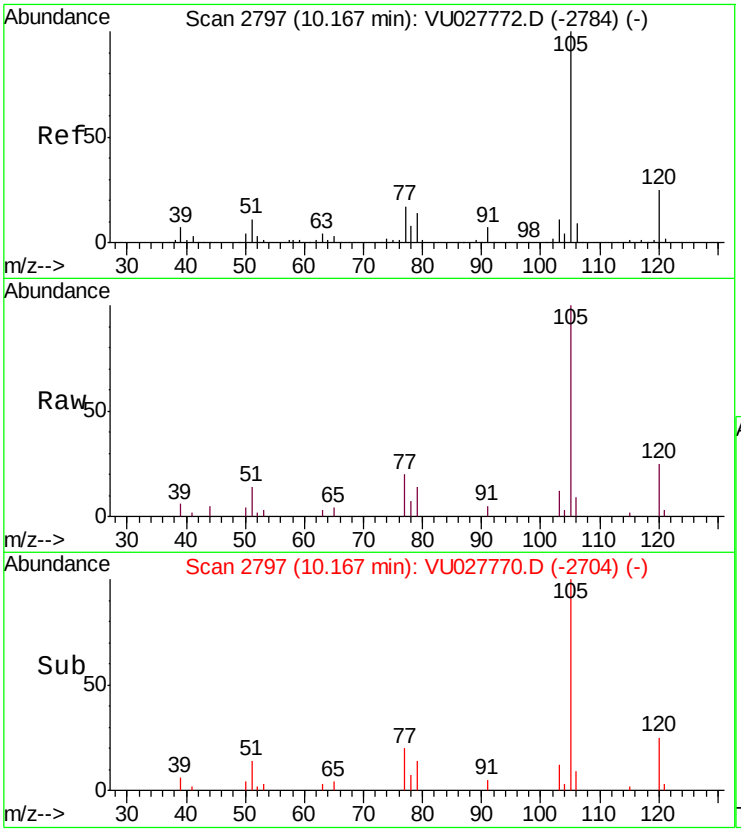


#55
Styrene
Concen: 0.468 ug/L
RT: 9.80 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion:104 Resp: 4727

Ion	Ratio	Lower	Upper
104	100		
78	51.0	36.3	67.3



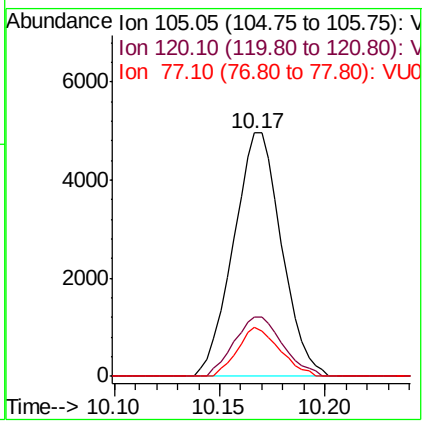


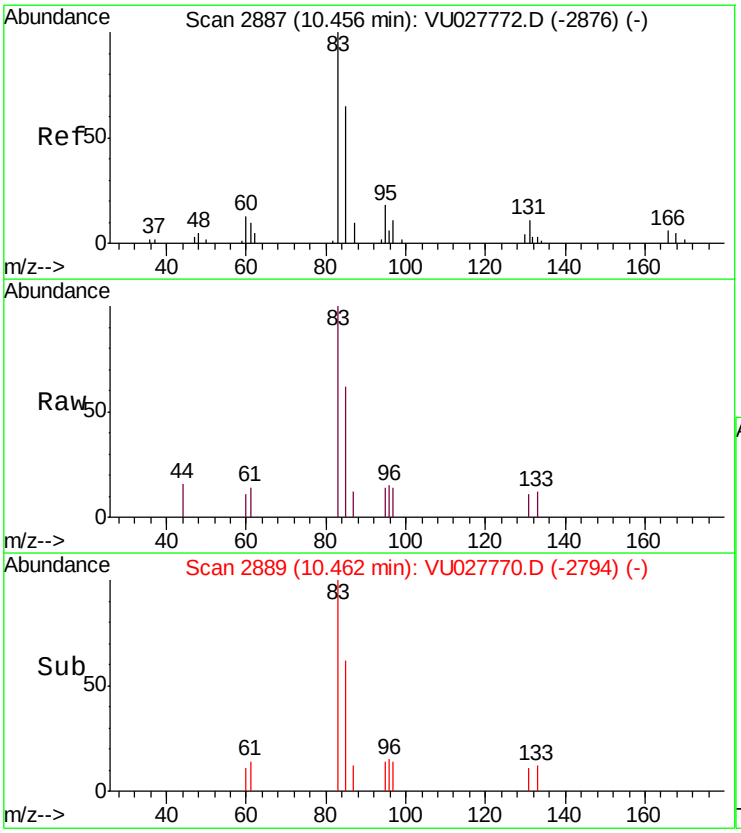
#56
Isopropylbenzene
Concen: 0.475 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument : MSVOA_U
ClientSampleId : VSTD0.542

Tgt Ion:105 Resp: 7850

Ion	Ratio	Lower	Upper
105	100		
120	24.6	19.9	29.9
77	17.5	13.7	20.5

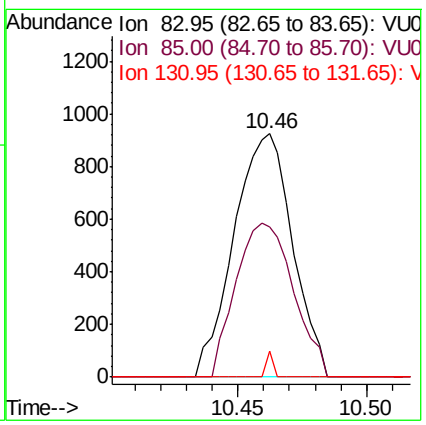


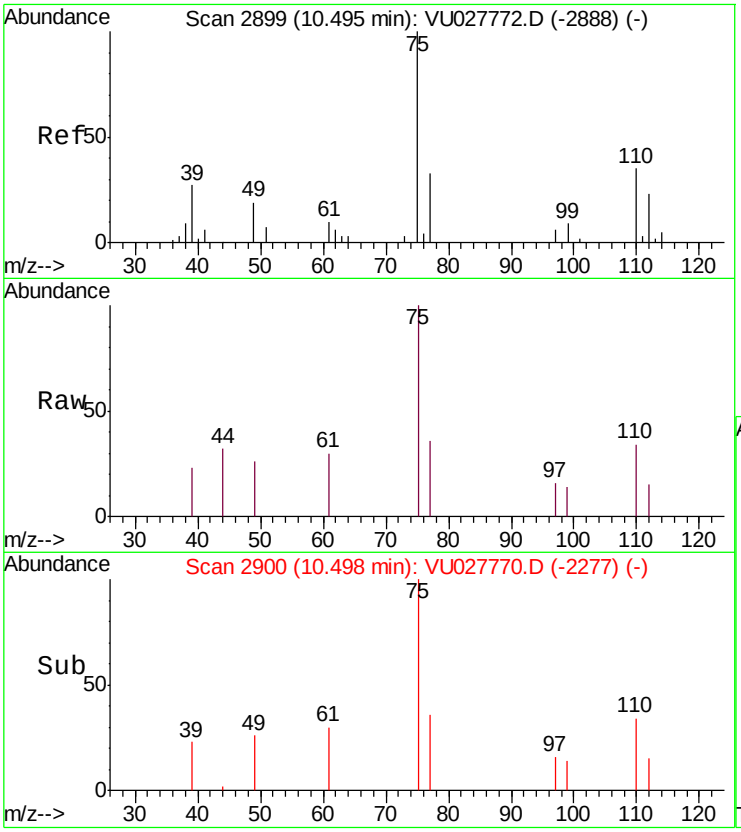


#58
1,1,2,2-Tetrachloroethane
Concen: 0.454 ug/L
RT: 10.46 min Scan# 2889
Delta R.T. 0.01 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion: 83 Resp: 1462

Ion	Ratio	Lower	Upper
83	100		
85	61.8	45.5	84.5
131	10.9	8.8	13.2



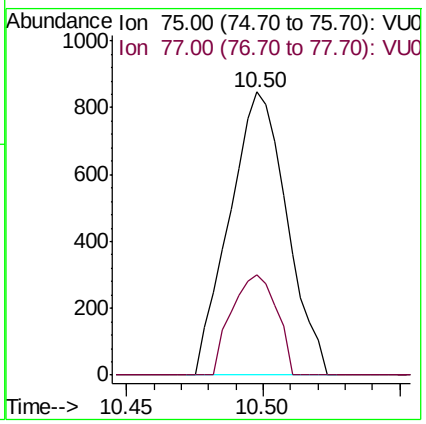


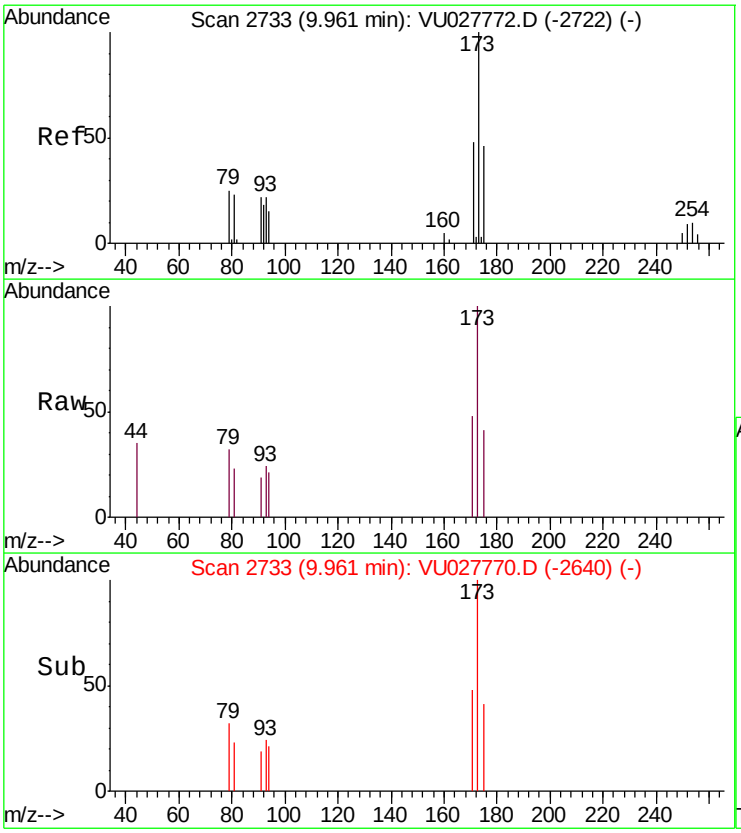
#59
1,2,3-Trichloropropane
Concen: 0.483 ug/L
RT: 10.50 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument : MSVOA_U
ClientSampleId : VSTD0.542

Tgt Ion: 75 Resp: 1233

Ion	Ratio	Lower	Upper
75	100		
77	27.8	26.4	39.6

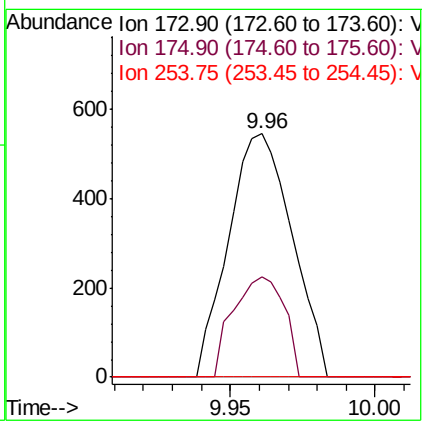


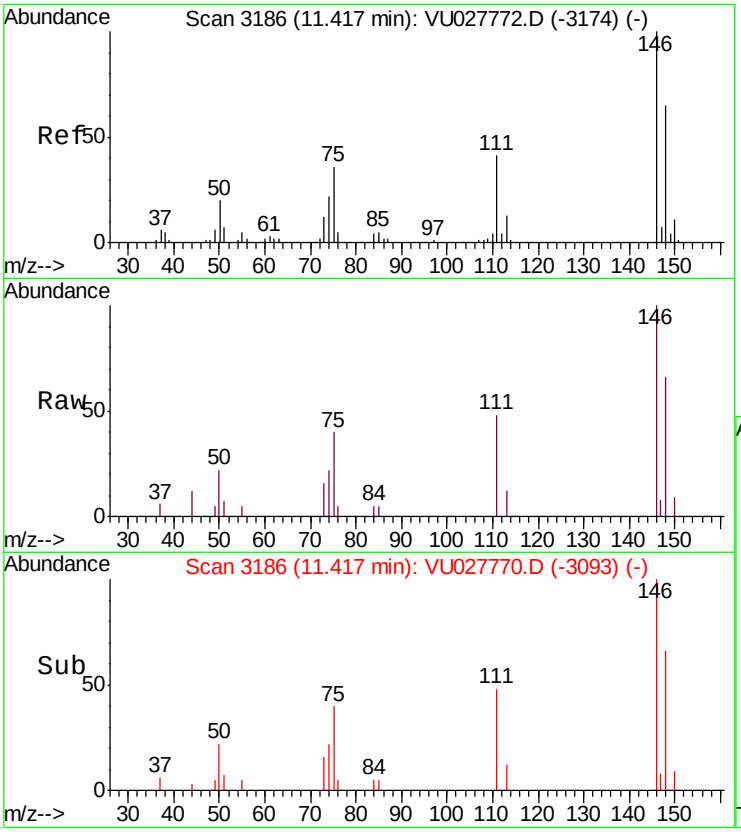


#61
Bromoform
Concen: 0.501 ug/L
RT: 9.96 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion:173 Resp: 829

Ion	Ratio	Lower	Upper
173	100		
175	32.9	37.7	56.5#
254	0.0	7.2	10.8#



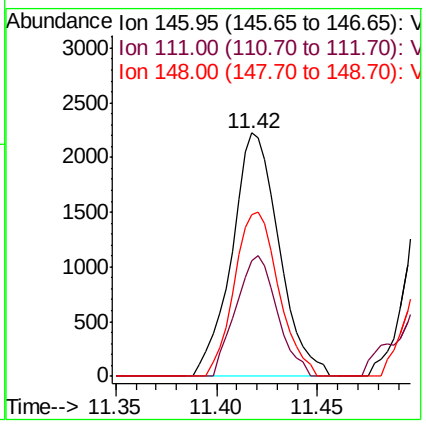


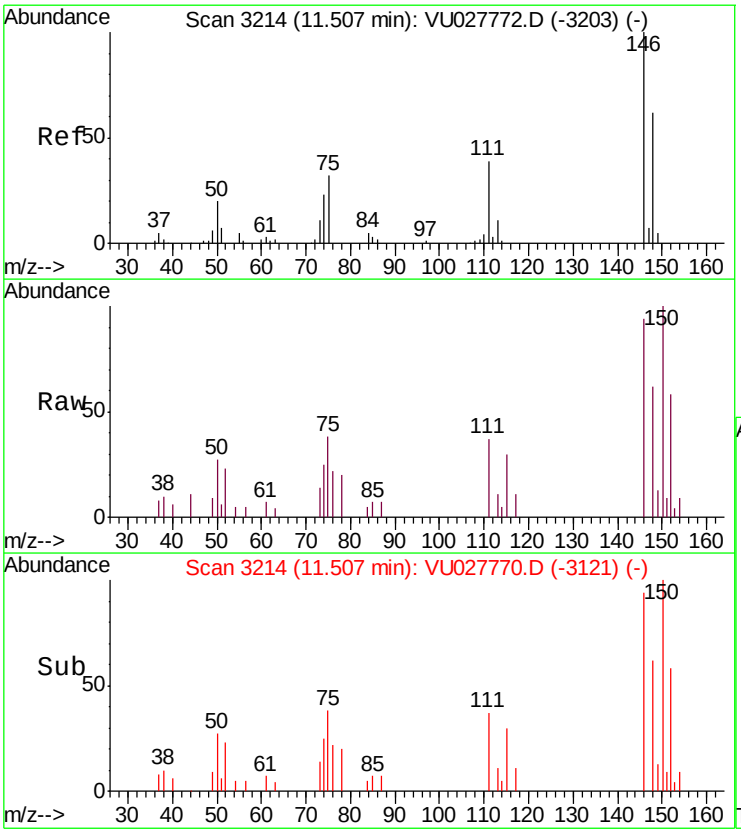
#62
1,3-Dichlorobenzene
Concen: 0.526 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.542

Tgt Ion:146 Resp: 3643

Ion	Ratio	Lower	Upper
146	100		
111	47.6	28.6	53.0
148	66.5	45.1	83.9

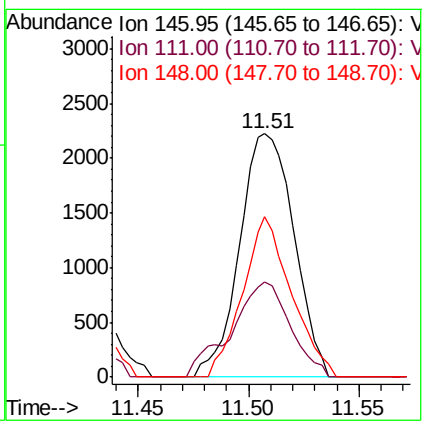


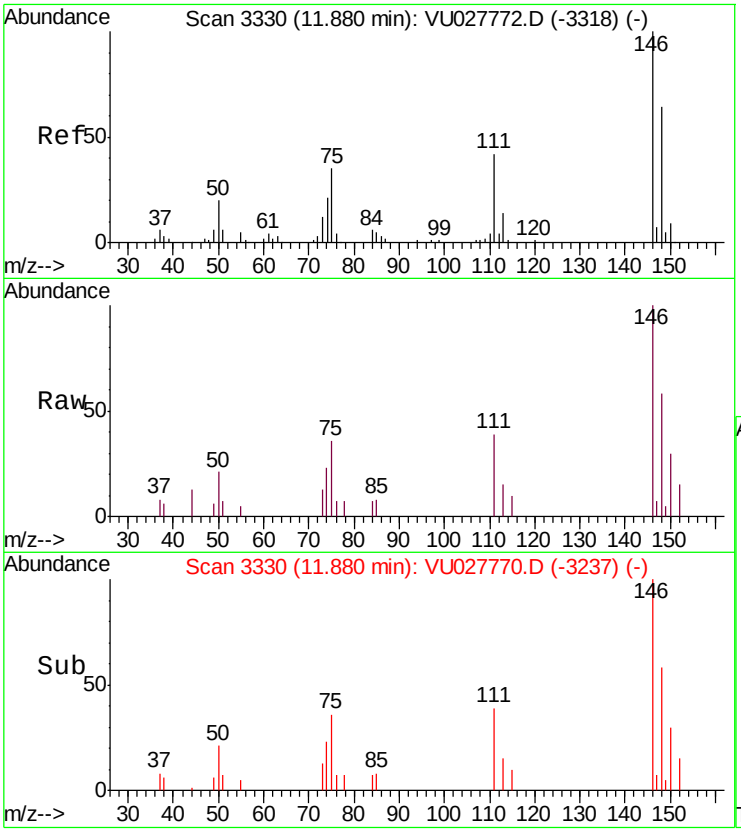


#63
1,4-Dichlorobenzene
Concen: 0.545 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion:146 Resp: 3808

Ion	Ratio	Lower	Upper
146	100		
111	39.3	27.6	51.4
148	65.7	43.3	80.3



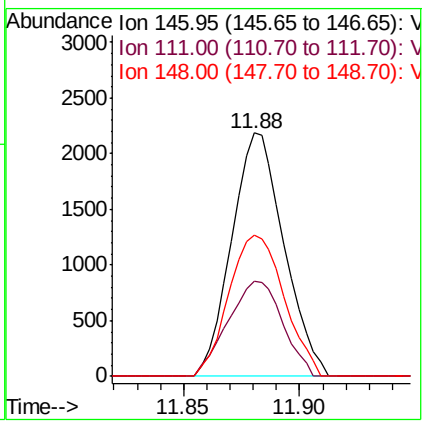


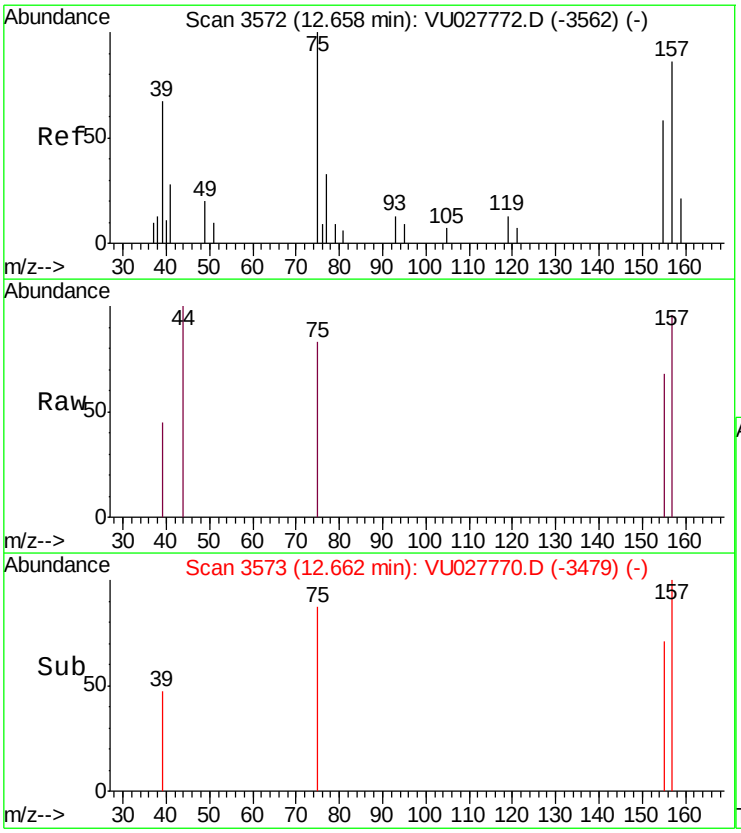
#65
1,2-Dichlorobenzene
Concen: 0.524 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument : MSVOA_U
ClientSampleId : VSTD0.542

Tgt Ion:146 Resp: 3413

Ion	Ratio	Lower	Upper
146	100		
111	38.9	33.7	50.5
148	58.1	50.8	76.2

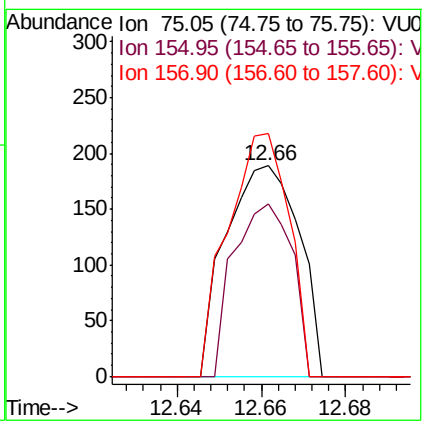


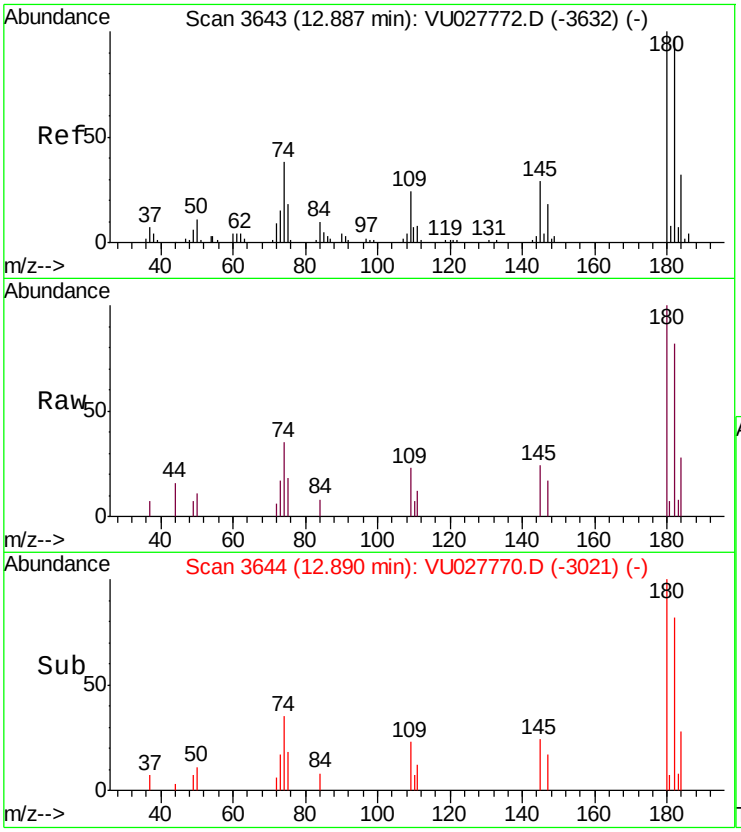


#66
1,2-Dibromo-3-chloropropane
Concen: 0.440 ug/L
RT: 12.66 min Scan# 3573
Delta R.T. 0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion: 75 Resp: 228

Ion	Ratio	Lower	Upper
75	100		
155	82.0	46.2	69.2#
157	115.3	68.9	103.3#



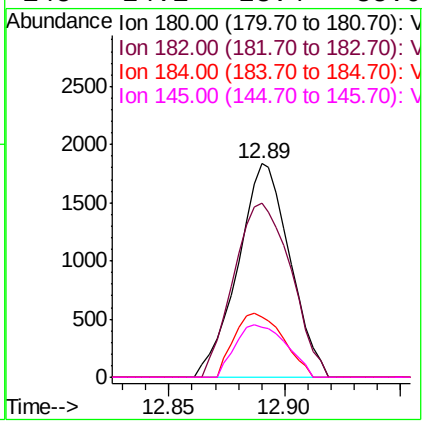


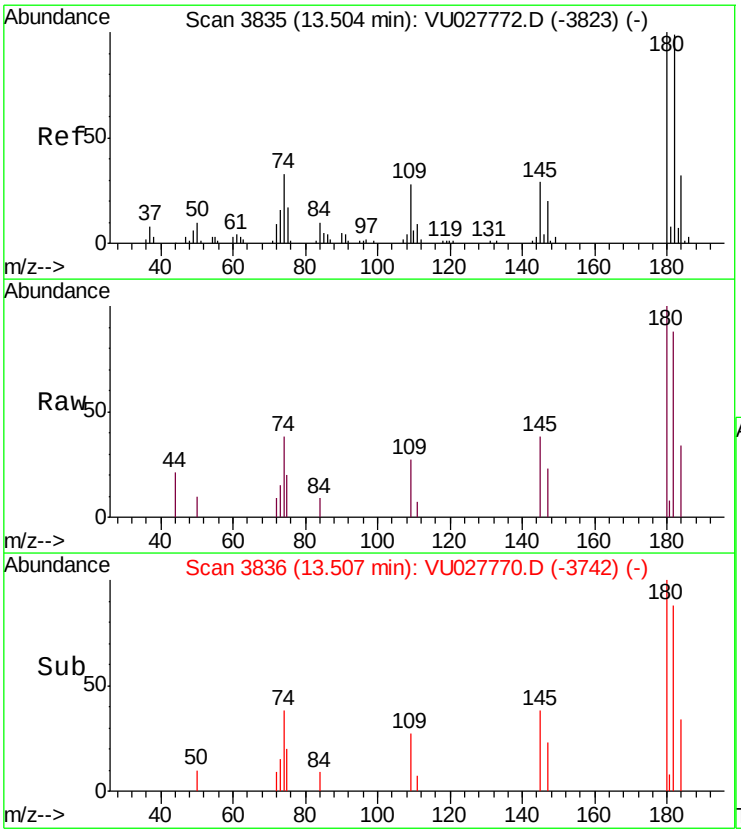
#67
1,3,5-Trichlorobenzene
Concen: 0.516 ug/L
RT: 12.89 min Scan# 3644
Delta R.T. 0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.542

Tgt Ion:180 Resp: 2864

Ion	Ratio	Lower	Upper
180	100		
182	89.7	78.9	118.3
184	28.1	24.6	37.0
145	24.1	23.4	35.0

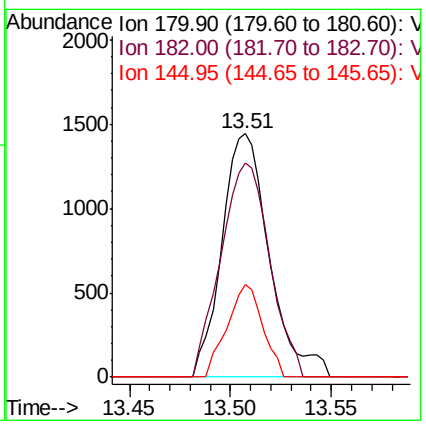


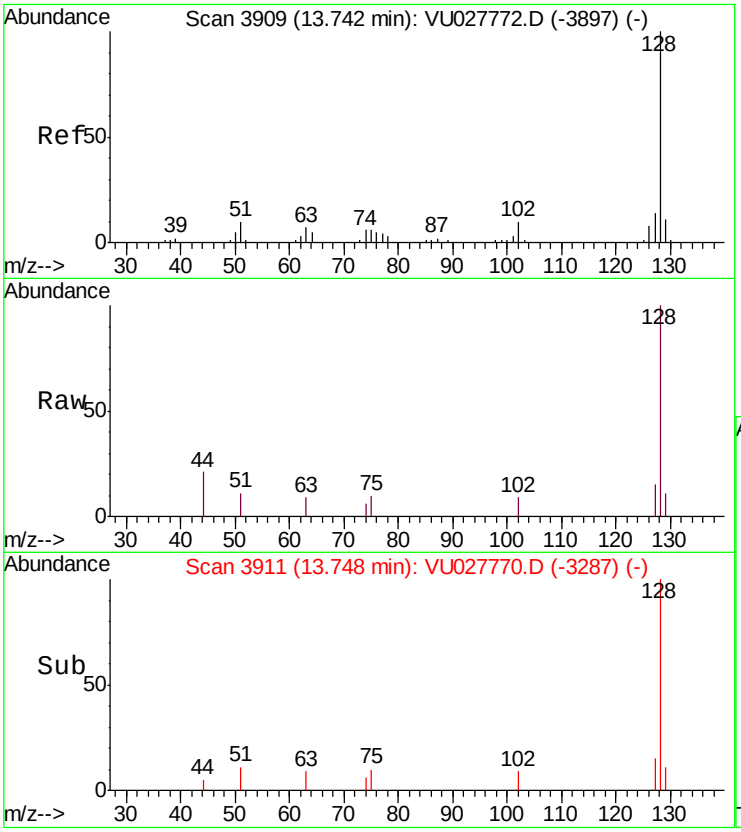


#68
1,2,4-trichlorobenzene
Concen: 0.493 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.00 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion:180 Resp: 2378

Ion	Ratio	Lower	Upper
180	100		
182	90.4	77.6	116.4
145	28.6	23.7	35.5



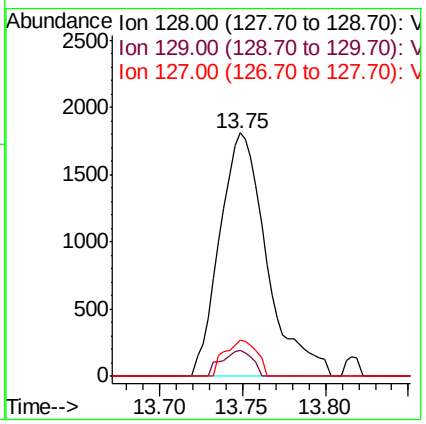


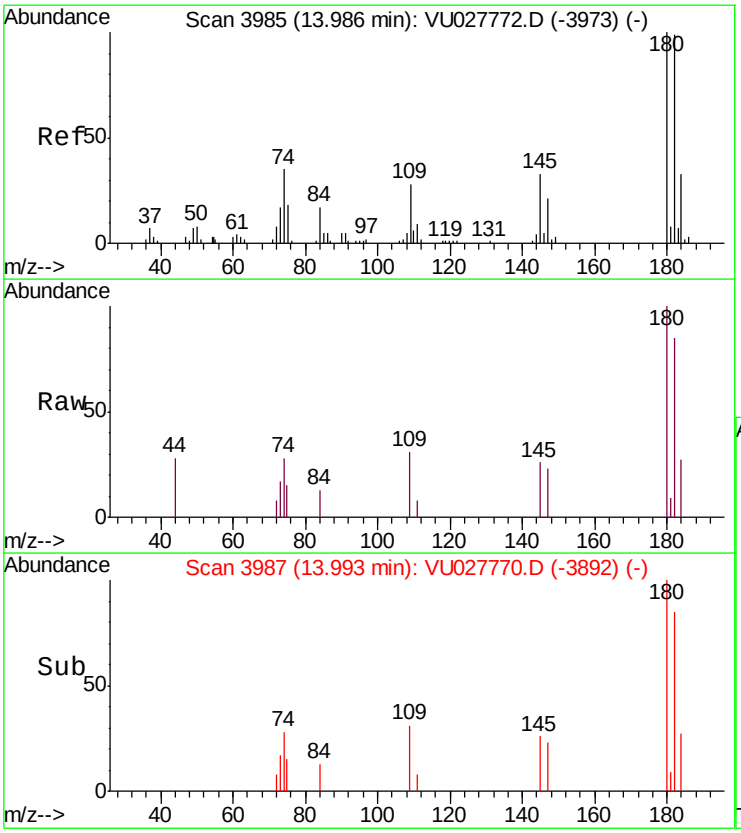
#69
Naphthalene
Concen: 0.457 ug/L
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.542

Tgt Ion:128 Resp: 3582

Ion	Ratio	Lower	Upper
128	100		
129	7.0	8.8	13.2#
127	10.1	10.7	16.1#





#70
1,2,3-Trichlorobenzene
Concen: 0.484 ug/L
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU027770.D
Acq: 24 Oct 2018 08:34

Tgt Ion:180 Resp: 2152

Ion	Ratio	Lower	Upper
180	100		
182	90.2	76.9	115.3
145	29.8	24.6	37.0