Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
Data File : VU027459.D
Acq On : 05 Oct 2018 17:37
Operator : MD/SY
Sample : VU1006WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU1006WBL01

Quant Time: Oct 06 00:28:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	96450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	169549	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	161091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	86400	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	93583	58.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.22%			
35) Dibromofluoromethane	4.89	113	65967	56.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.54%			
50) Toluene-d8	7.57	98	259352	59.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.28%			
62) 4-Bromofluorobenzene	10.31	95	89949	55.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.30%			
Target Compounds						Qvalue
6) Chloroethane	1.62	64	685	0.644	ug/l #	44
13) Acrolein	2.20	56	128	0.450	ug/l	93
15) Acrylonitrile	2.95	53	257	0.291	ug/l #	67
16) Acetone	2.33	43	598	0.629	ug/l #	85
17) Carbon Disulfide	2.48	76	2739	0.745	ug/l	97
20) Methylene Chloride	2.70	84	411	0.310	ug/l #	84
21) trans-1,2-Dichloroethene	2.99	96	381	0.333	ug/l #	81
31) Cyclohexane	4.98	56	2437	0.709	ug/l #	1
38) Carbon Tetrachloride	4.99	117	9766	5.873	ug/l #	19
44) Trichloroethene	6.19	130	303	0.253	ug/l	87
51) 4-Methyl-2-Pentanone	7.47	43	862	0.359	ug/l #	79
59) 2-Hexanone	8.39	43	707	0.380	ug/l	99
65) Chlorobenzene	9.12	112	1895	0.559	ug/l #	84
68) m/p-Xylenes	9.38	106	440	0.200	ug/l #	43
70) Styrene	9.80	104	463	2.412	ug/l #	79
76) 1,2,3-Trichloropropane	10.31	75	48729	21.757	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	48729	56.941	ug/l #	100
87) 1,3-Dichlorobenzene	11.42	146	1242	0.450	ug/l	90
88) 1,4-Dichlorobenzene	11.42	146	1242	0.440	ug/l	89
89) n-Butylbenzene	11.89	91	1134	2.142	ug/l	87
91) 1,2-Dichlorobenzene	11.89	146	1315	0.489	ug/l	91
93) 1,2,4-Trichlorobenzene	13.51	180	1191	0.685	ug/l	89
94) Hexachlorobutadiene	13.69	225	446	0.508	ug/l	87
95) Naphthalene	13.75	128	2940	2.095	ug/l #	79
96) 1,2,3-Trichlorobenzene	14.00	180	1382	0.763	ug/l #	80

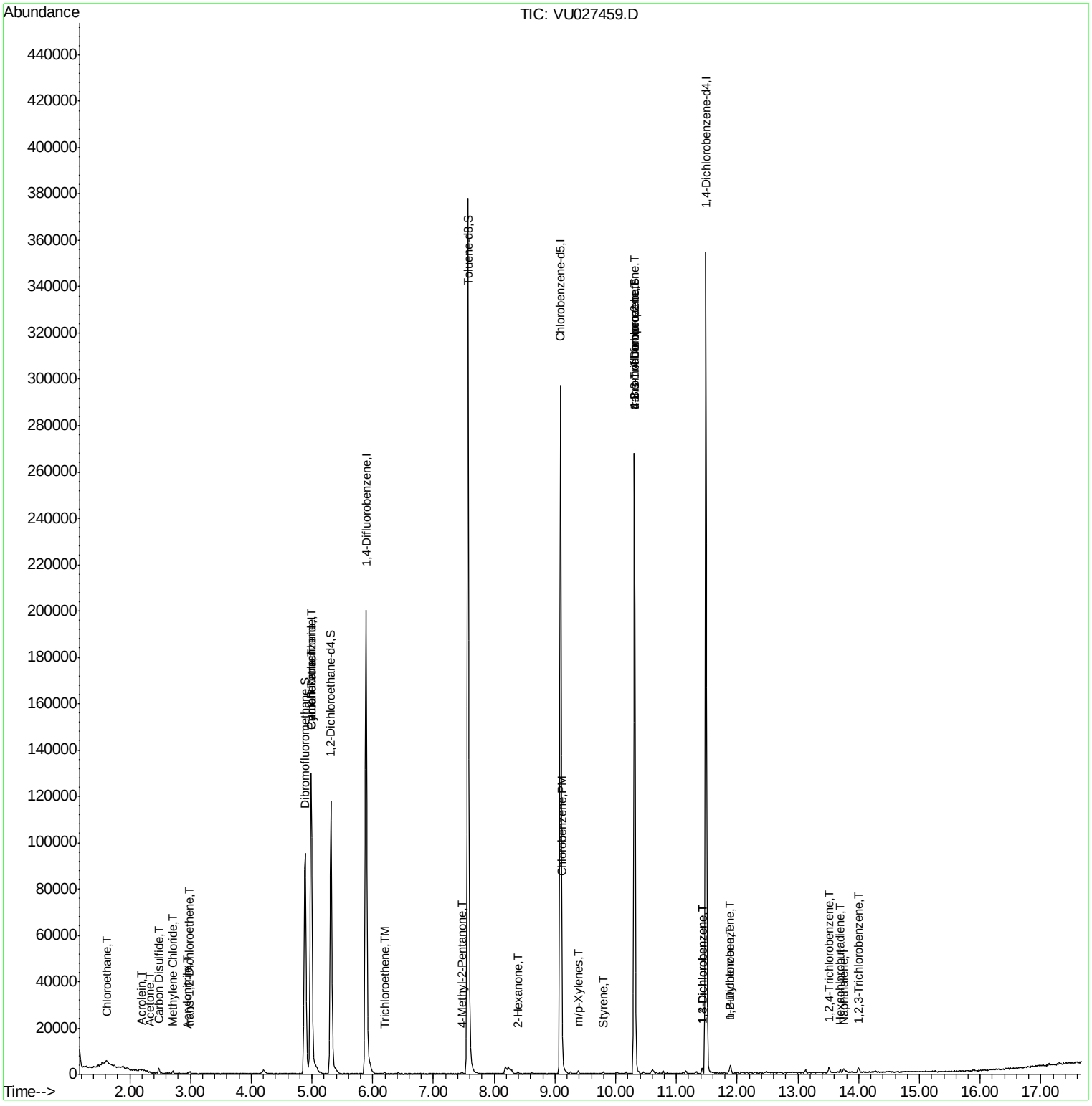
(#) = qualifier out of range (m) = manual integration (+) = signals summed

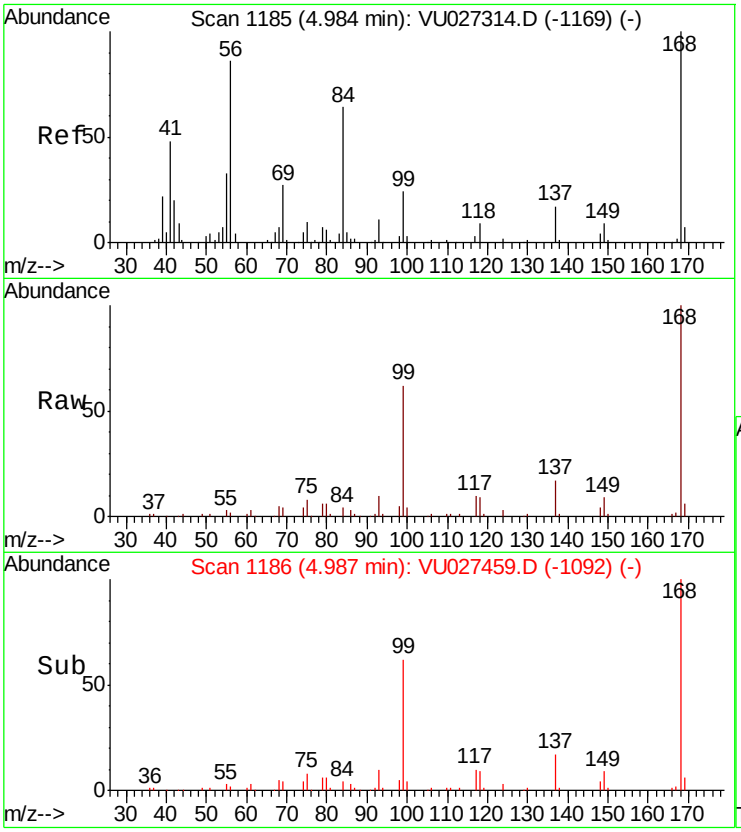
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
Data File : VU027459.D
Acq On : 05 Oct 2018 17:37
Operator : MD/SY
Sample : VU1006WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBL01

Quant Time: Oct 06 00:28:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration



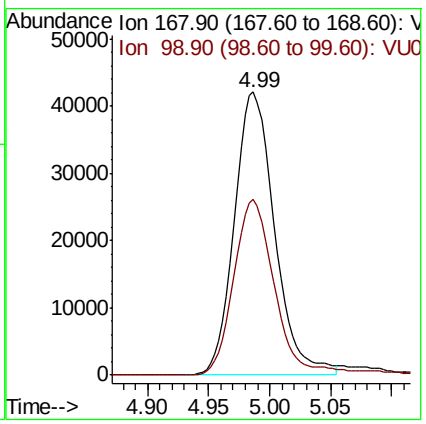


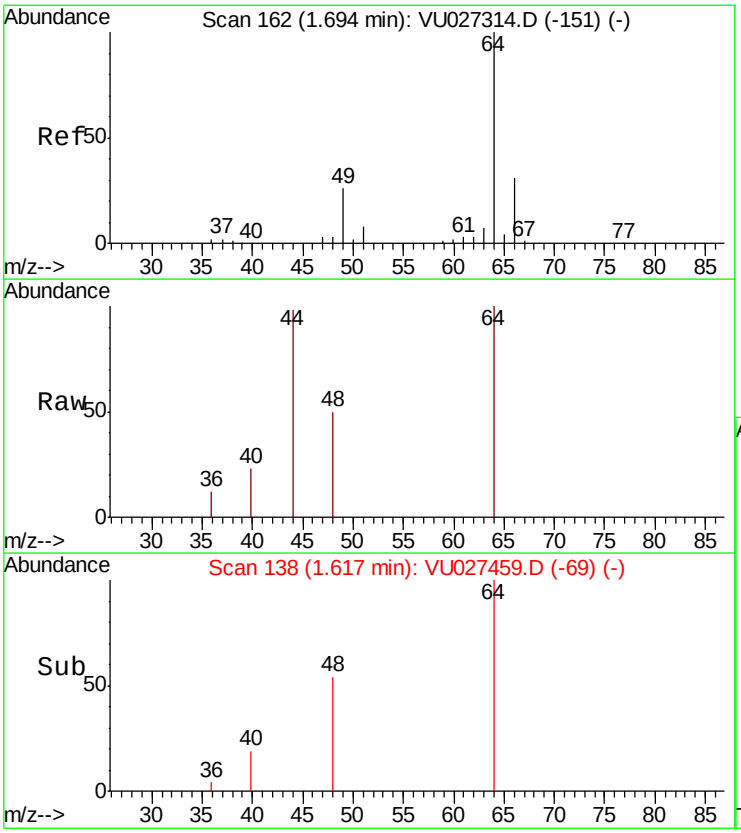
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBL01

Tgt Ion:168 Resp: 96450

Ion	Ratio	Lower	Upper
168	100		
99	62.1	50.8	76.2

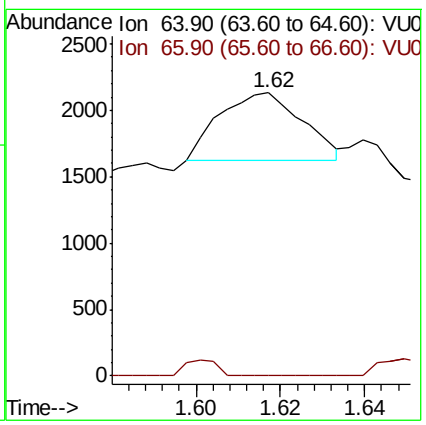


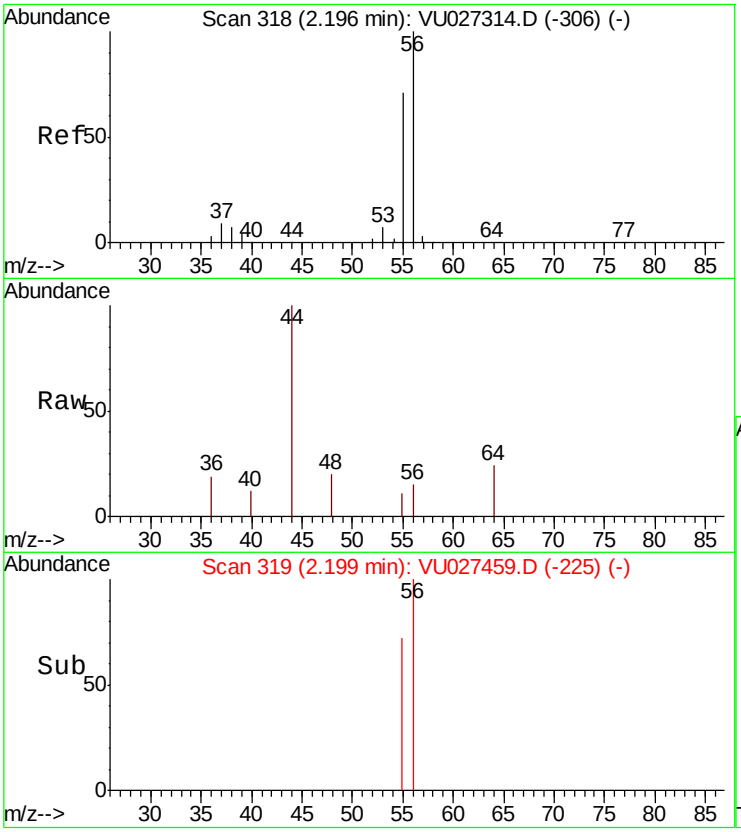


#6
Chloroethane
Concen: 0.644 ug/l
RT: 1.62 min Scan# 138
Delta R.T. -0.08 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Tgt Ion: 64 Resp: 685

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#



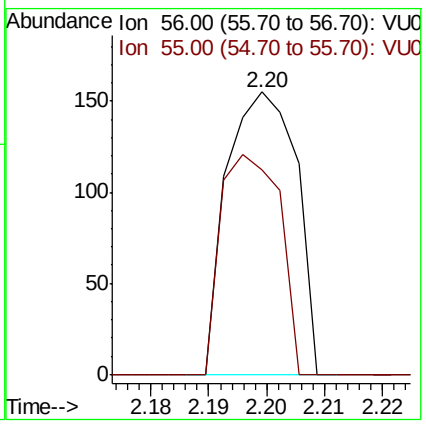


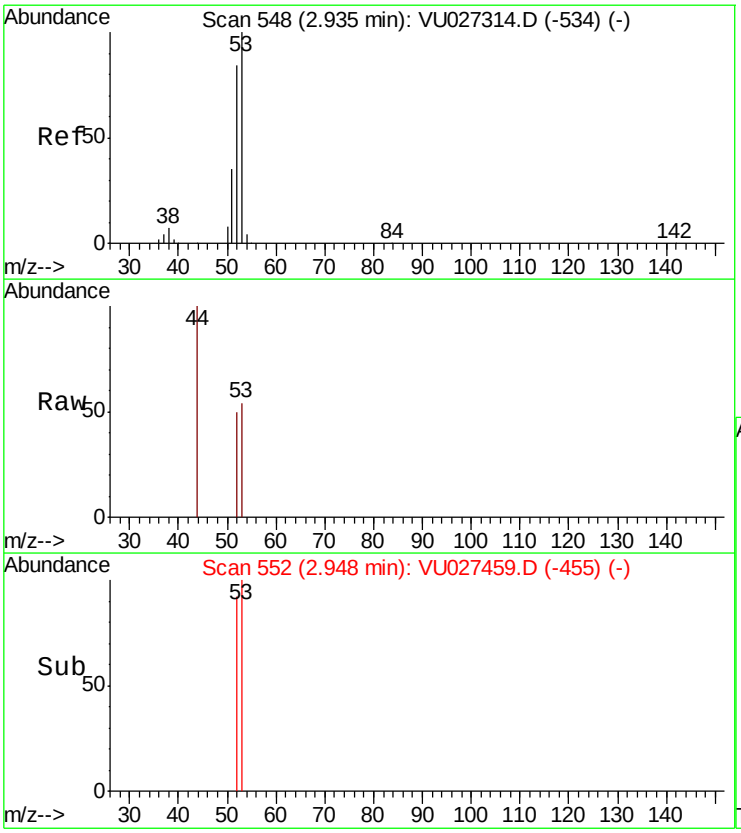
#13
Acrolein
Concen: 0.450 ug/l
RT: 2.20 min Scan# 319
Delta R.T. 0.00 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Instrument : MSVOA_U
ClientSampleId : VU1006WBL01

Tgt Ion: 56 Resp: 128

Ion	Ratio	Lower	Upper
56	100		
55	66.4	57.7	86.5

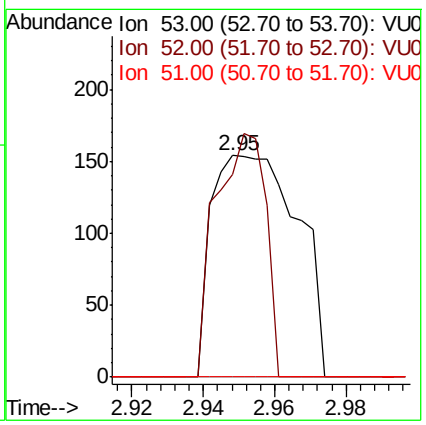


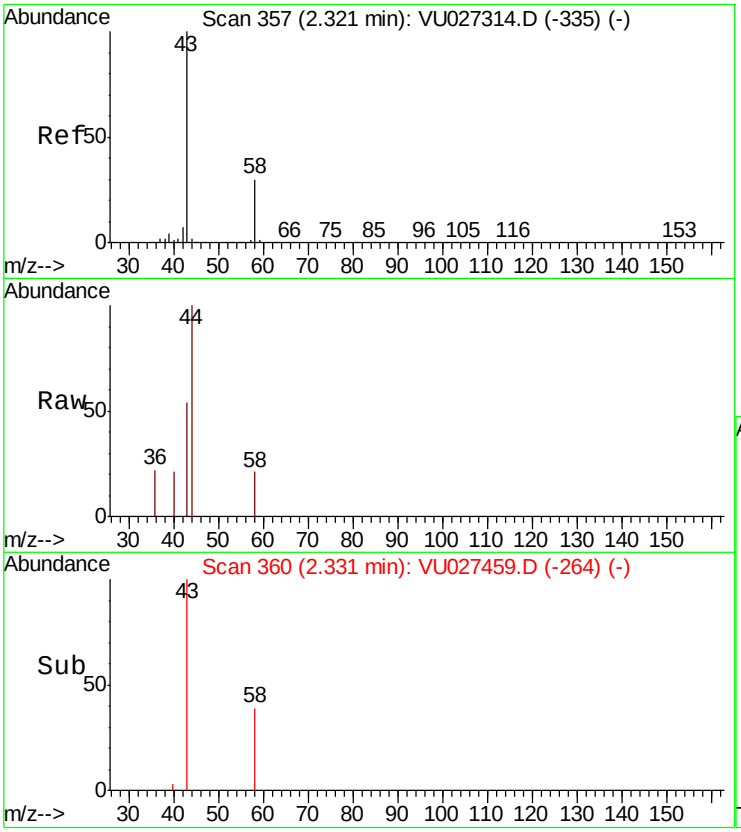


#15
Acrylonitrile
Concen: 0.291 ug/l
RT: 2.95 min Scan# 552
Delta R.T. 0.01 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Tgt Ion: 53 Resp: 257

Ion	Ratio	Lower	Upper
53	100		
52	63.4	66.5	99.7#
51	0.0	27.6	41.4#



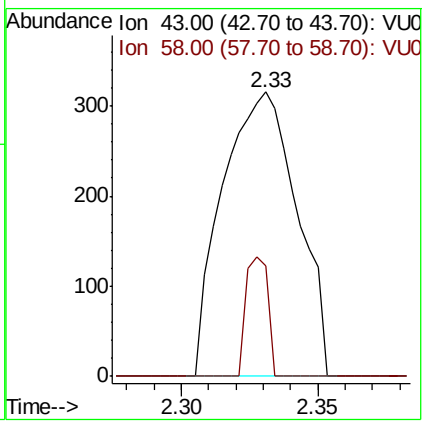


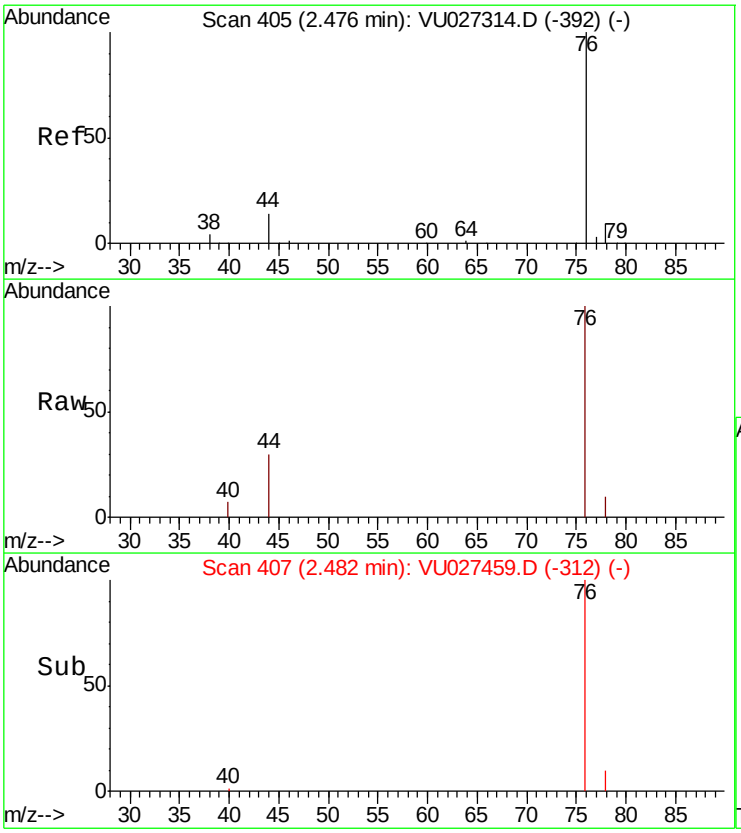
#16
Acetone
Concen: 0.629 ug/l
RT: 2.33 min Scan# 360
Delta R.T. 0.01 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Instrument : MSVOA_U
ClientSampleId : VU1006WBL01

Tgt Ion: 43 Resp: 598

Ion	Ratio	Lower	Upper
43	100		
58	38.6	24.2	36.4#

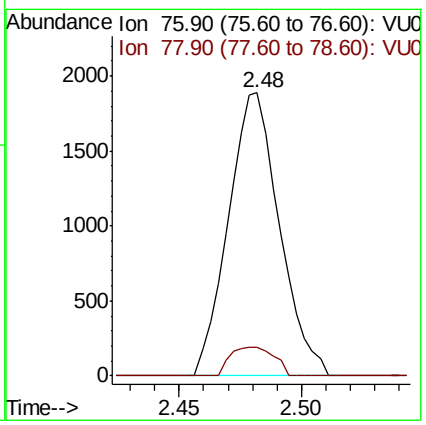


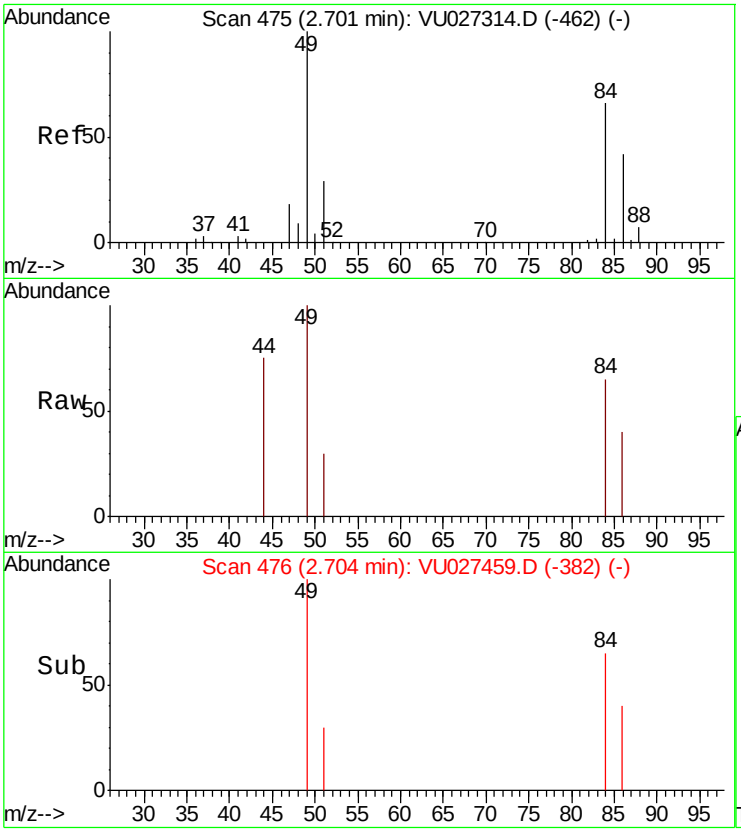


#17
Carbon Disulfide
Concen: 0.745 ug/l
RT: 2.48 min Scan# 407
Delta R.T. 0.01 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Tgt Ion: 76 Resp: 2739

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.3	10.9



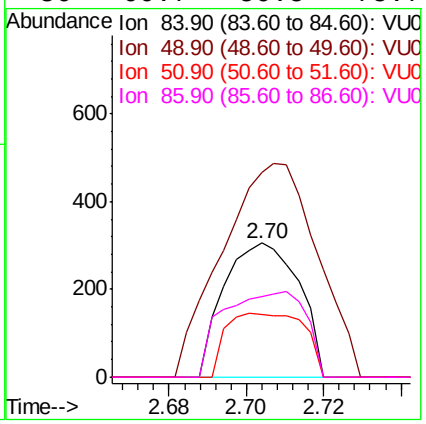


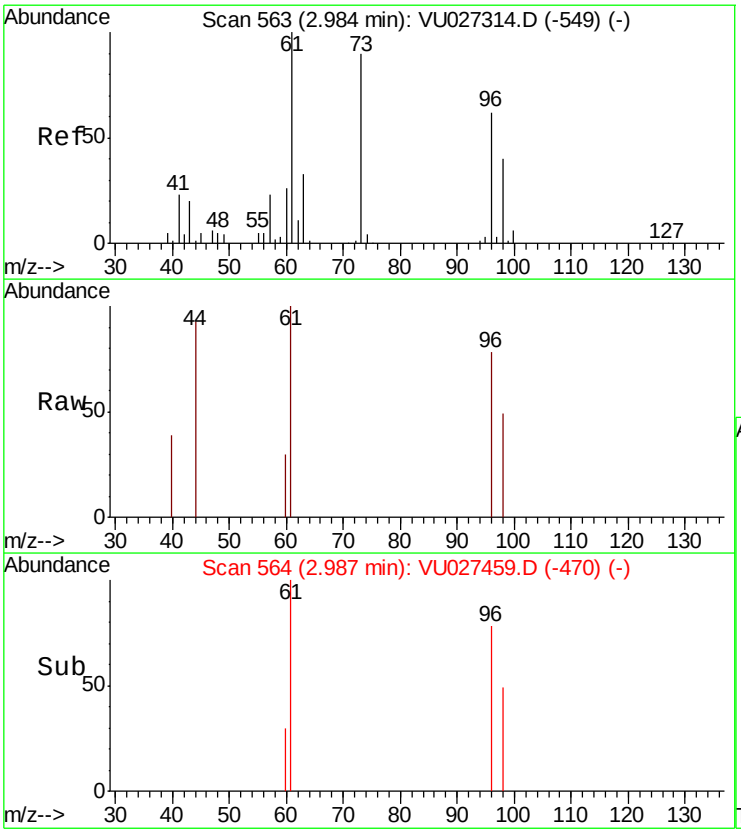
#20
Methylene Chloride
Concen: 0.310 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Instrument : MSVOA_U
ClientSampleId : VU1006WBL01

Tgt Ion: 84 Resp: 411

Ion	Ratio	Lower	Upper
84	100		
49	119.7	120.5	180.7#
51	46.6	35.1	52.7
86	60.7	50.5	75.7

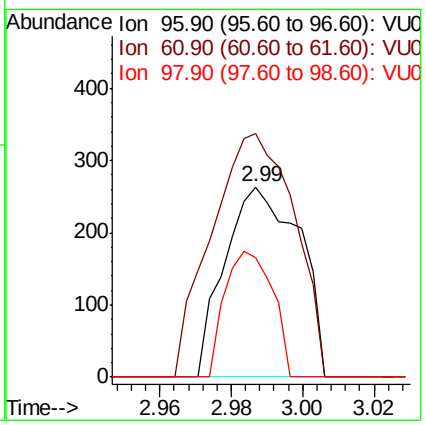


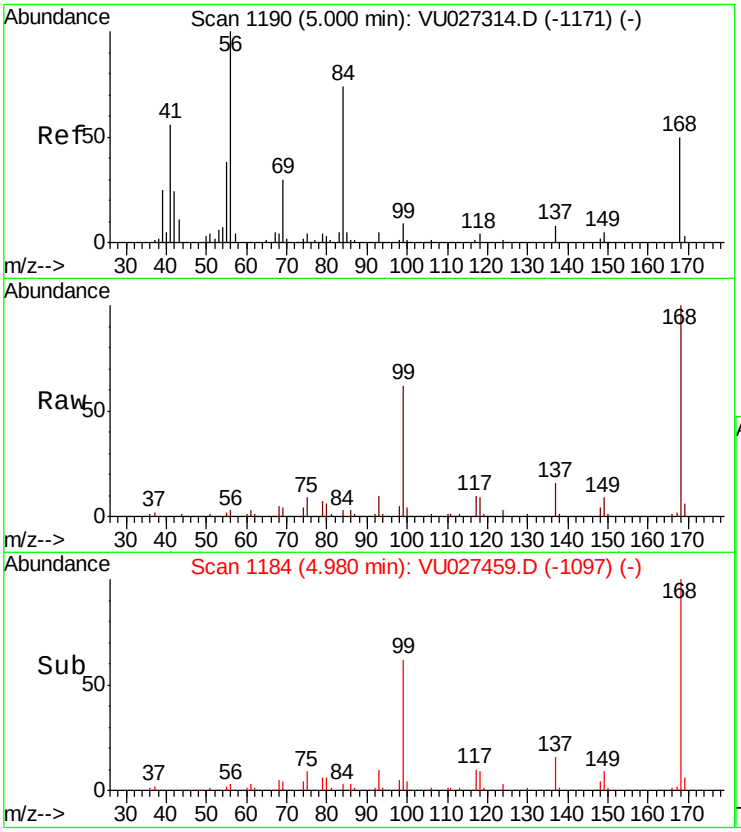


#21
trans-1,2-Dichloroethene
Concen: 0.333 ug/l
RT: 2.99 min Scan# 564
Delta R.T. 0.00 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Tgt Ion: 96 Resp: 381

Ion	Ratio	Lower	Upper
96	100		
61	128.1	129.4	194.2#
98	62.7	51.2	76.8



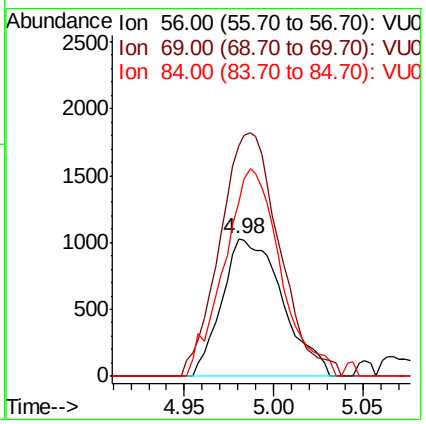


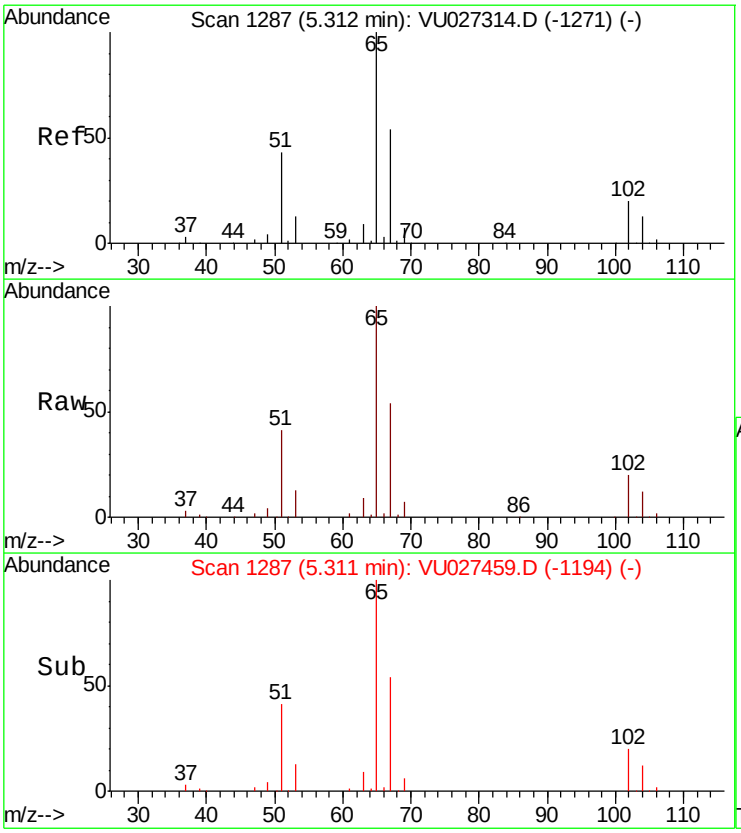
#31
Cyclohexane
Concen: 0.709 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Instrument : MSVOA_U
ClientSampleId : VU1006WBL01

Tgt Ion: 56 Resp: 2437

Ion	Ratio	Lower	Upper
56	100		
69	158.5	24.1	36.1#
84	126.9	59.1	88.7#

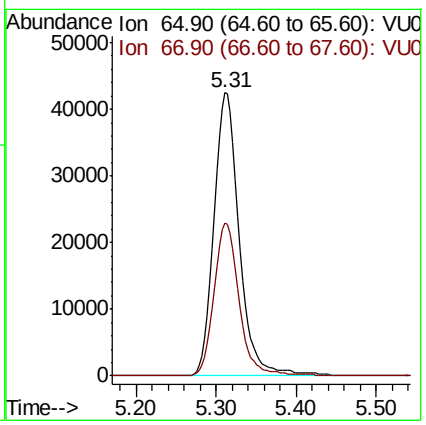


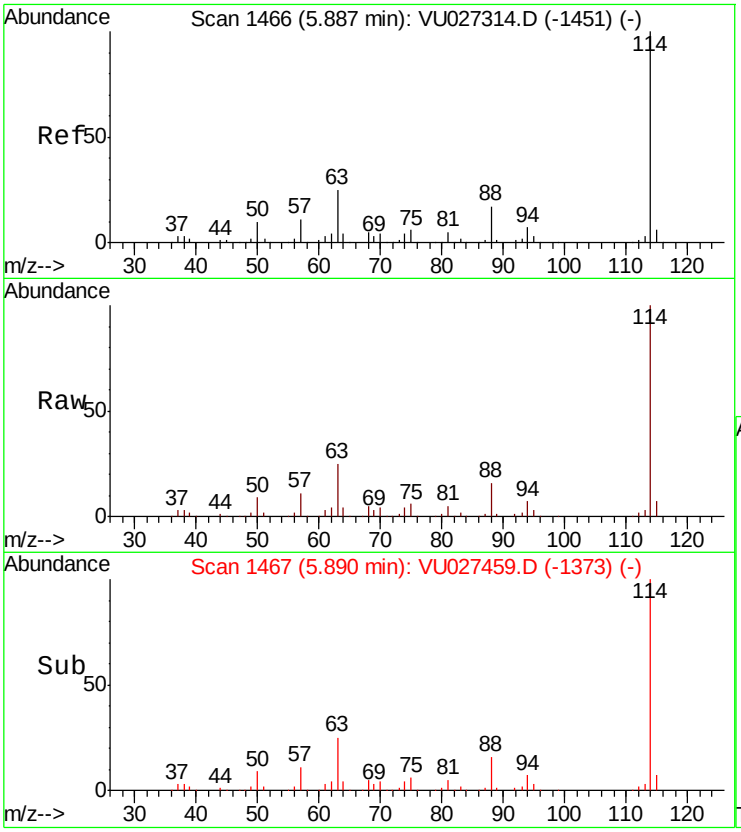


#33
1,2-Dichloroethane-d4
Concen: 58.106 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Tgt Ion: 65 Resp: 93583

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	107.8



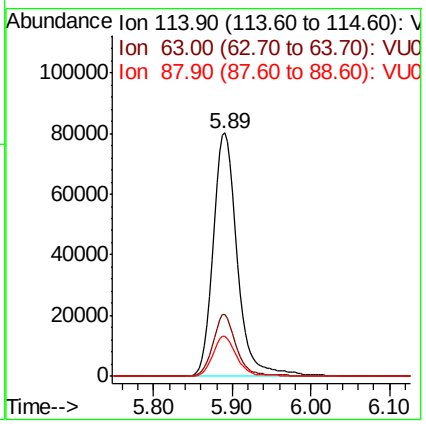


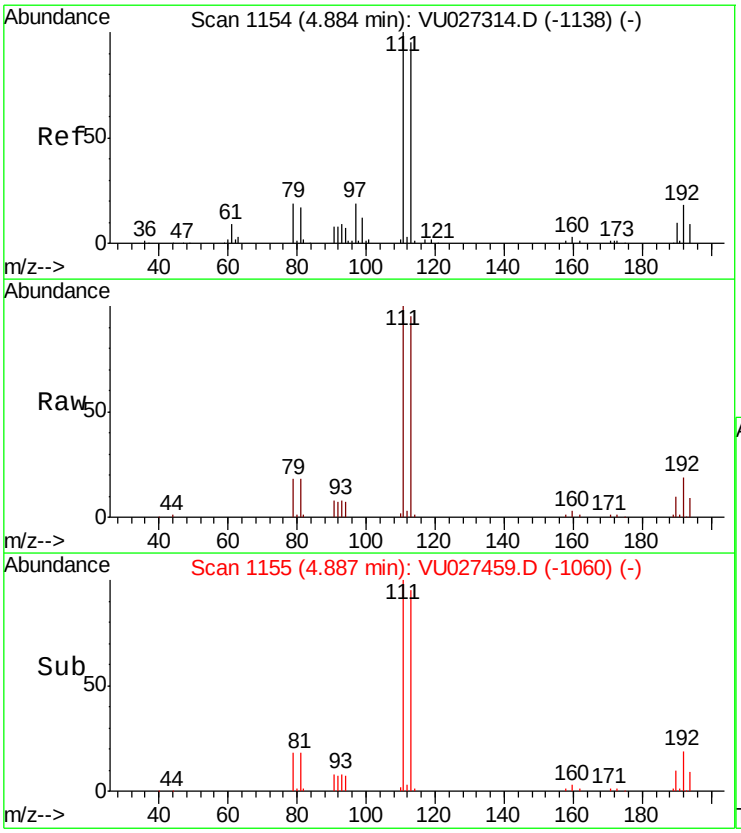
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Instrument : MSVOA_U
ClientSampleId : VU1006WBL01

Tgt Ion:114 Resp: 169549

Ion	Ratio	Lower	Upper
114	100		
63	25.4	0.0	50.2
88	16.3	0.0	33.8

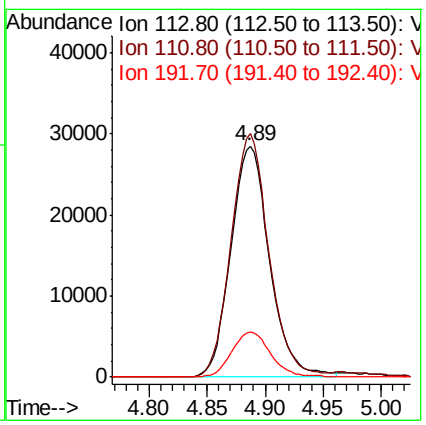


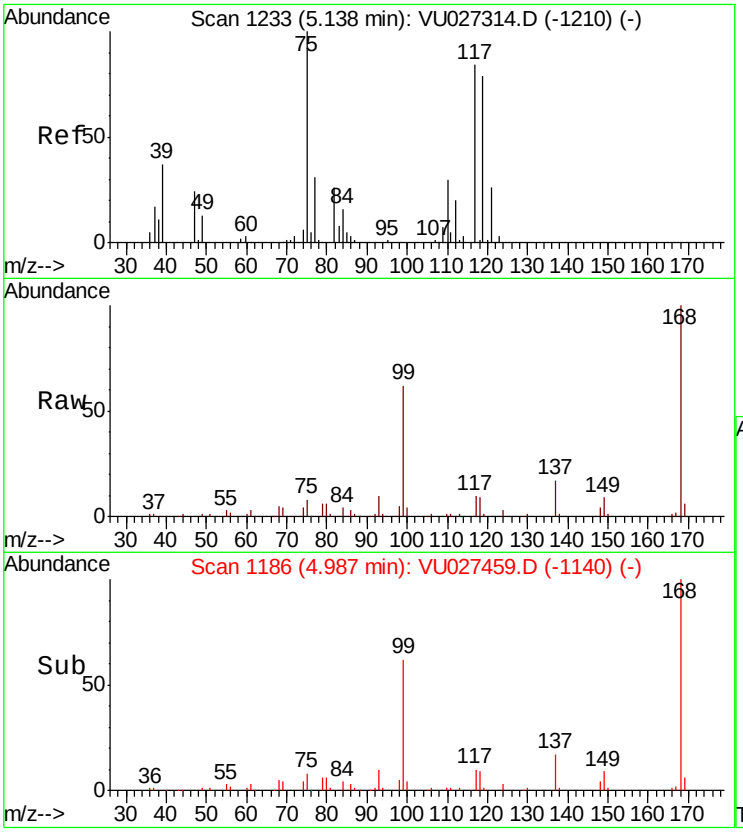


#35
Dibromofluoromethane
Concen: 56.772 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Tgt Ion:113 Resp: 65967

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.1	124.7
192	19.6	15.4	23.0



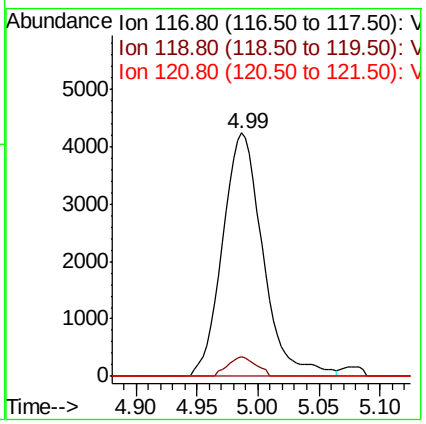


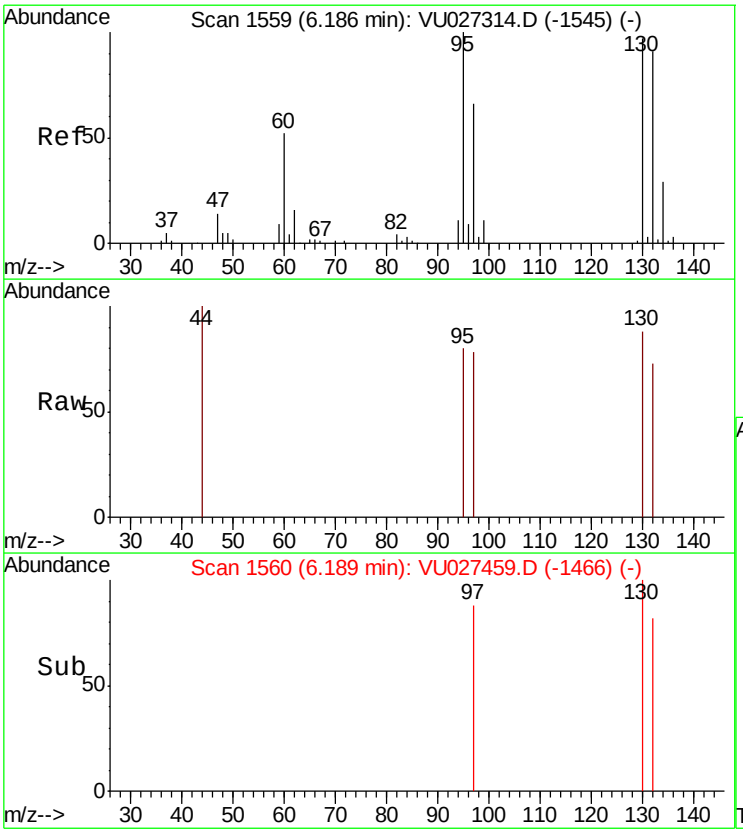
#38
Carbon Tetrachloride
Concen: 5.873 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBL01

Tgt Ion:117 Resp: 9766

Ion	Ratio	Lower	Upper
117	100		
119	7.9	74.5	111.7#
121	0.0	24.6	37.0#

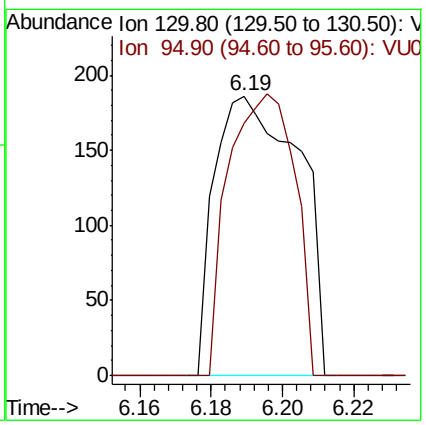


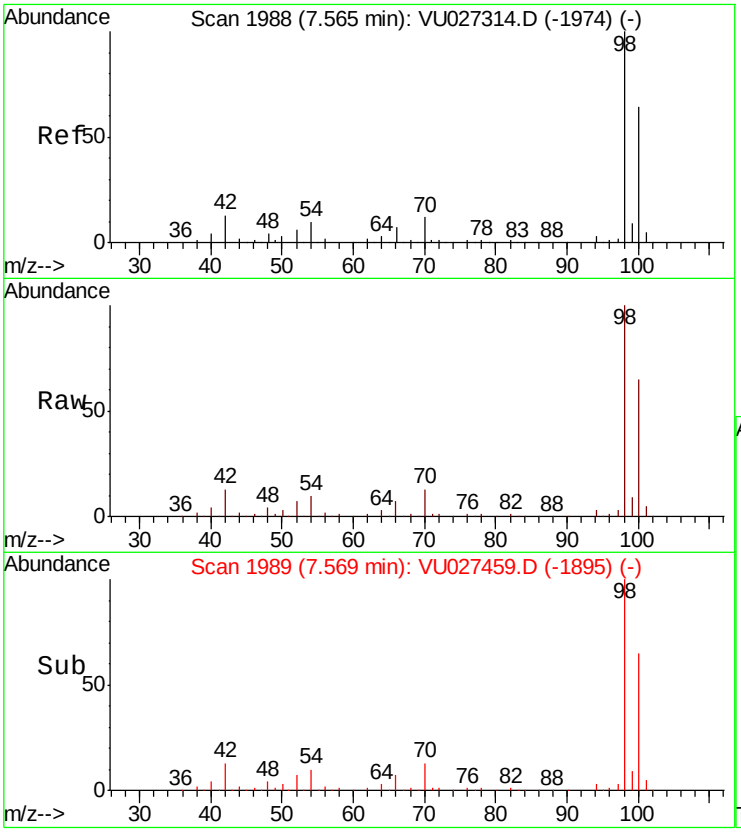


#44
Trichloroethene
Concen: 0.253 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Tgt Ion:130 Resp: 303

Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	207.0



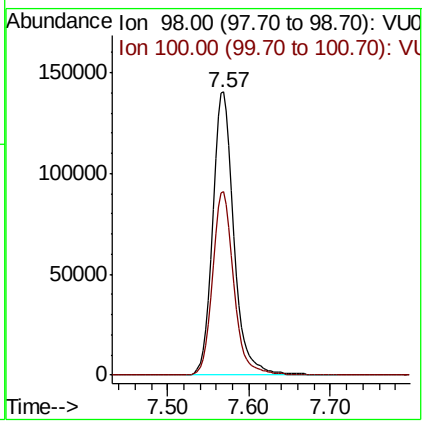


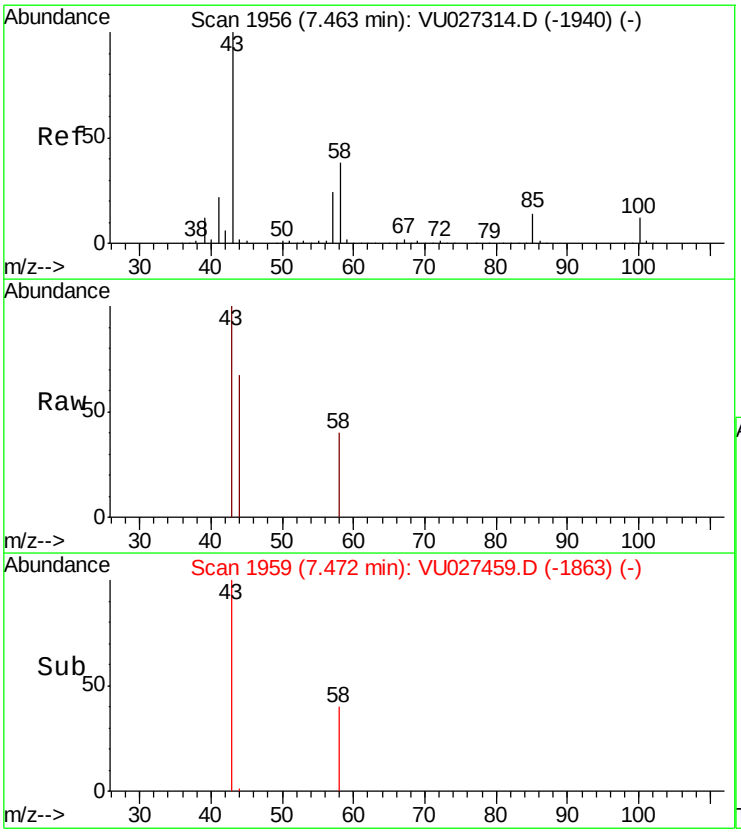
#50
Toluene-d8
Concen: 59.636 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBL01

Tgt Ion: 98 Resp: 259352

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.1	78.1

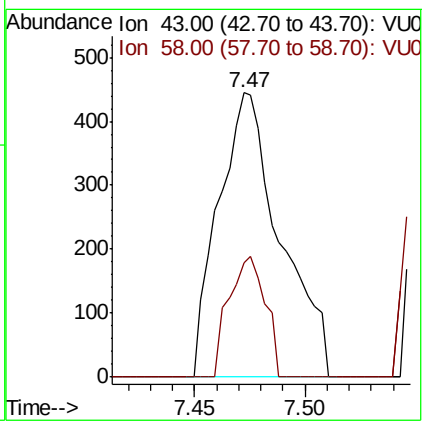


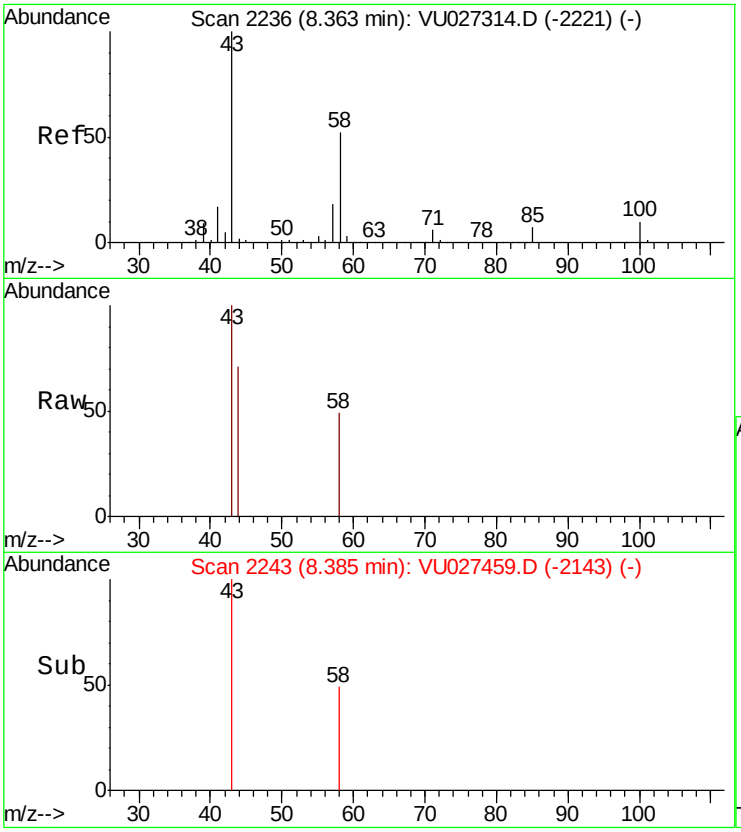


#51
4-Methyl-2-Pentanone
Concen: 0.359 ug/l
RT: 7.47 min Scan# 1959
Delta R.T. 0.01 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Tgt Ion: 43 Resp: 862

Ion	Ratio	Lower	Upper
43	100		
58	24.8	29.8	44.8#



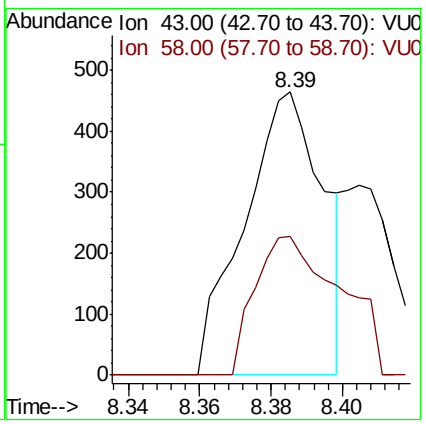


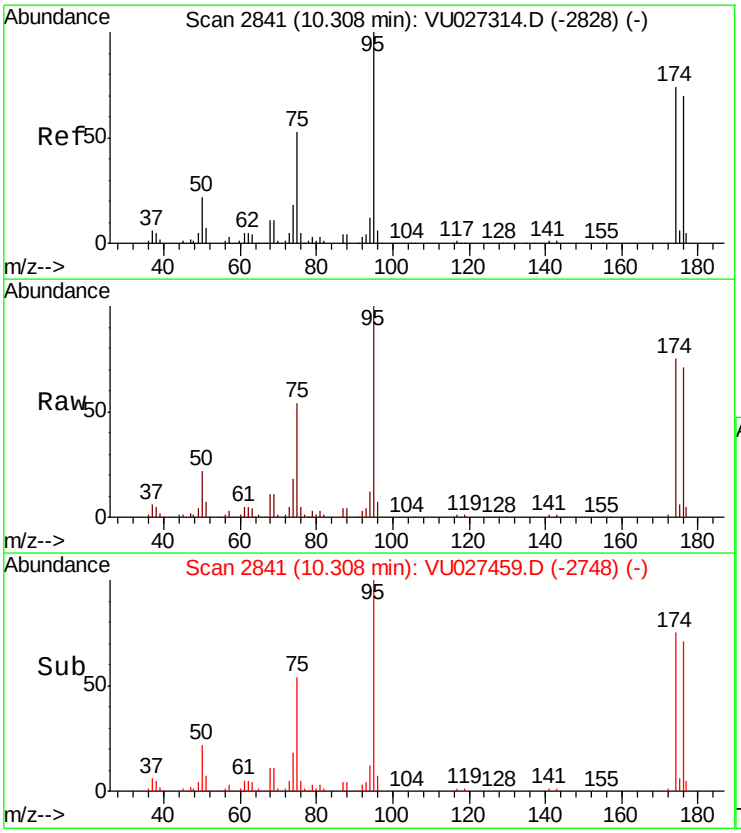
#59
2-Hexanone
Concen: 0.380 ug/l
RT: 8.39 min Scan# 2243
Delta R.T. 0.02 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Instrument : MSVOA_U
ClientSampleId : VU1006WBL01

Tgt Ion: 43 Resp: 707

Ion	Ratio	Lower	Upper
43	100		
58	53.2	26.1	78.3

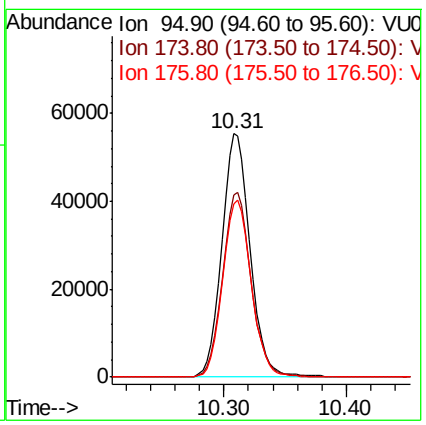


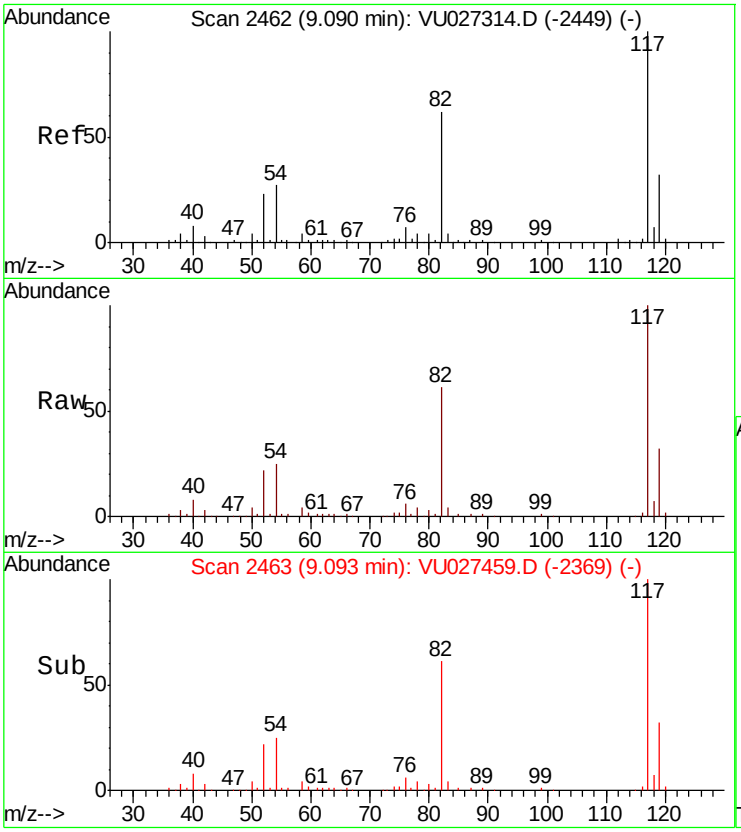


#62
4-Bromofluorobenzene
Concen: 55.654 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Tgt Ion: 95 Resp: 89949

Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	147.8
176	73.8	0.0	140.8



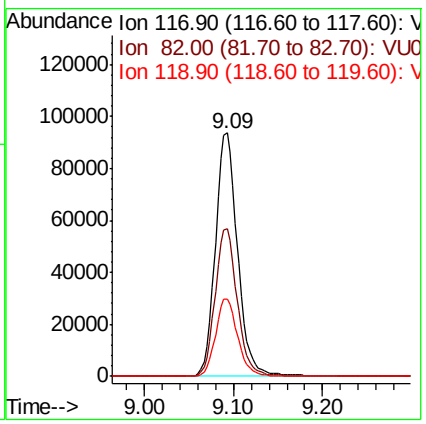


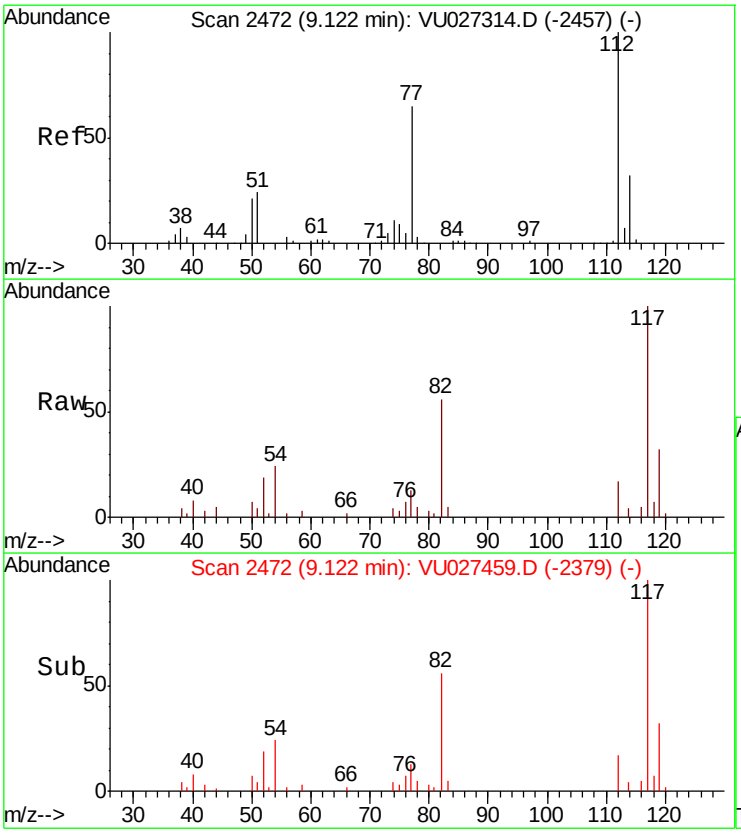
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Instrument : MSVOA_U
ClientSampleId : VU1006WBL01

Tgt Ion:117 Resp: 161091

Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.2	73.8
119	31.9	25.7	38.5

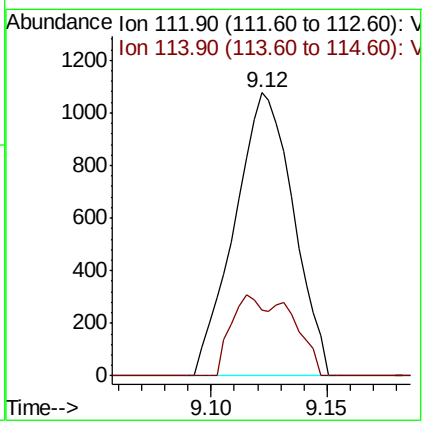


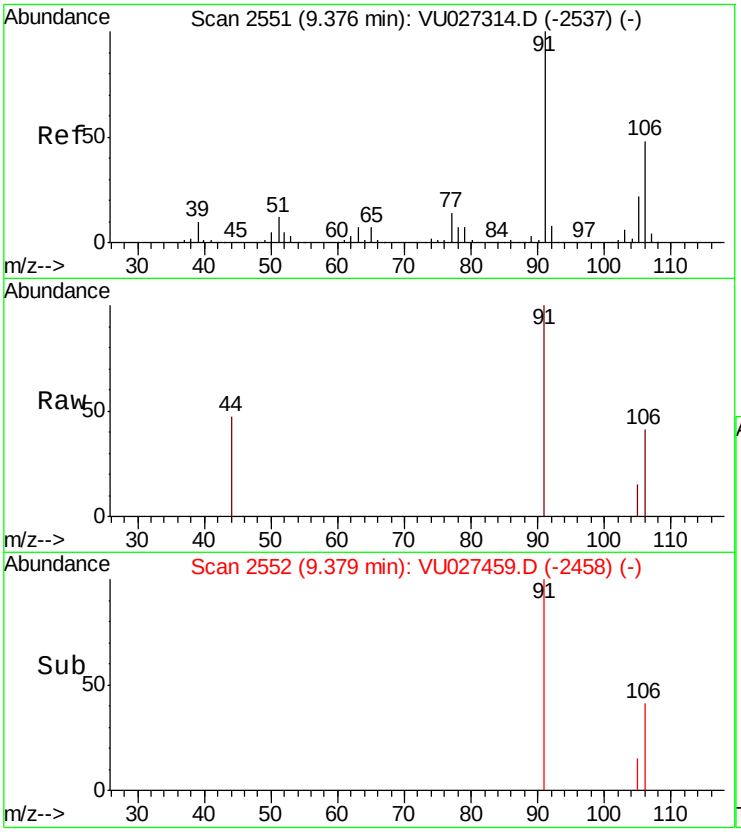


#65
Chlorobenzene
Concen: 0.559 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Tgt Ion:112 Resp: 1895

Ion	Ratio	Lower	Upper
112	100		
114	23.1	25.8	38.6#



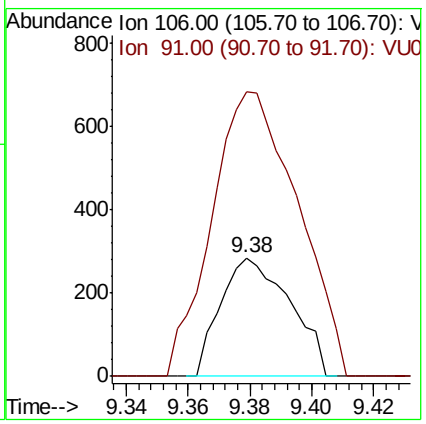


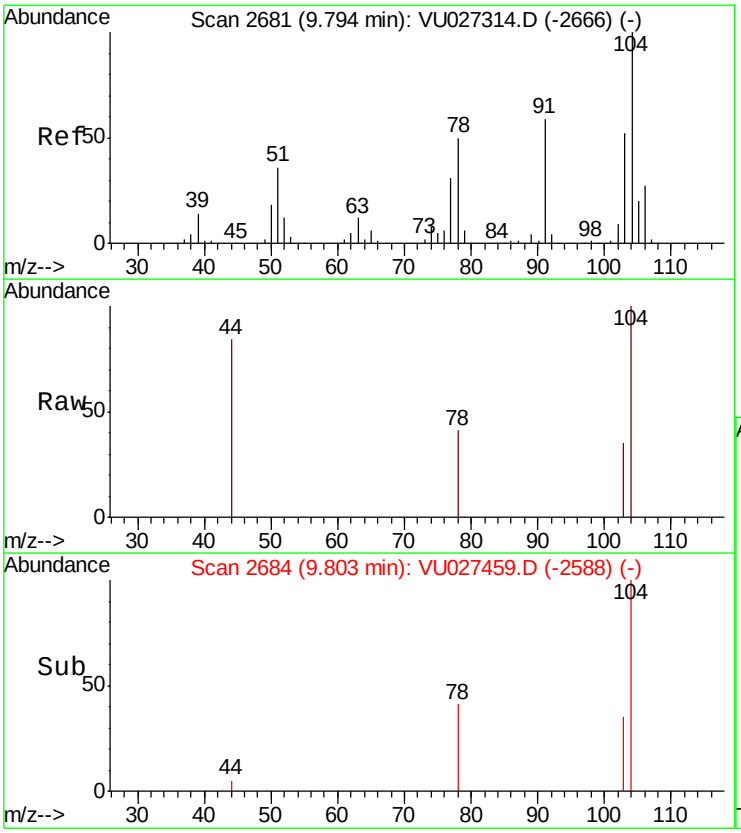
#68
m/p-Xylenes
Concen: 0.200 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Instrument : MSVOA_U
ClientSampleId : VU1006WBL01

Tgt Ion:106 Resp: 440

Ion	Ratio	Lower	Upper
106	100		
91	299.5	168.1	252.1#

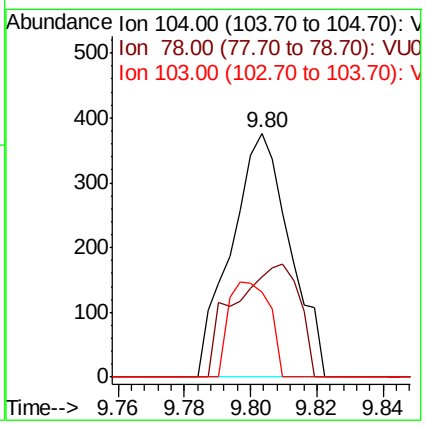


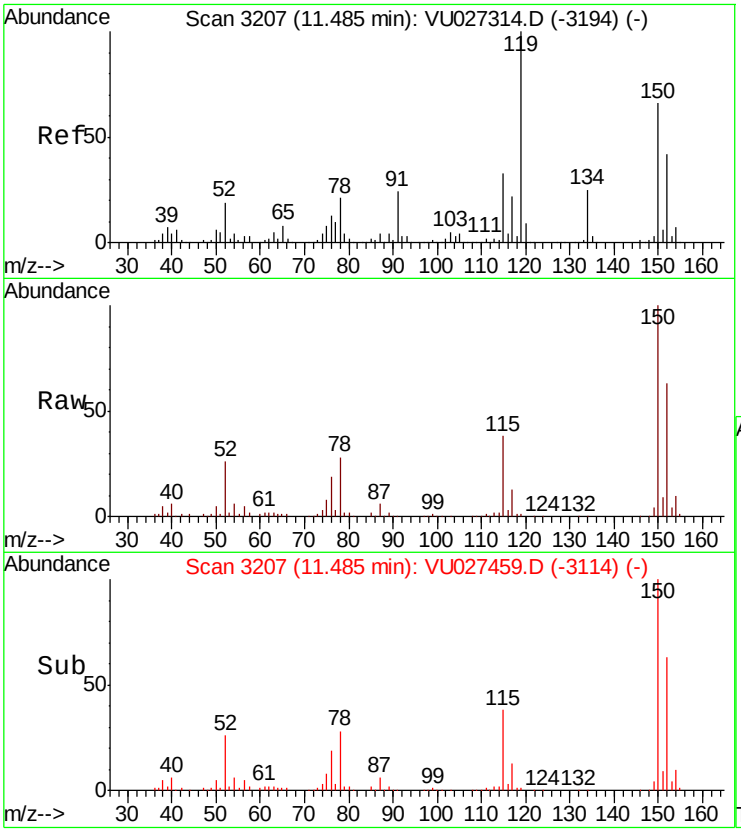


#70
Styrene
Concen: 2.412 ug/l
RT: 9.80 min Scan# 2684
Delta R.T. 0.01 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Tgt Ion:104 Resp: 463

Ion	Ratio	Lower	Upper
104	100		
78	51.2	42.9	64.3
103	27.2	43.9	65.9#



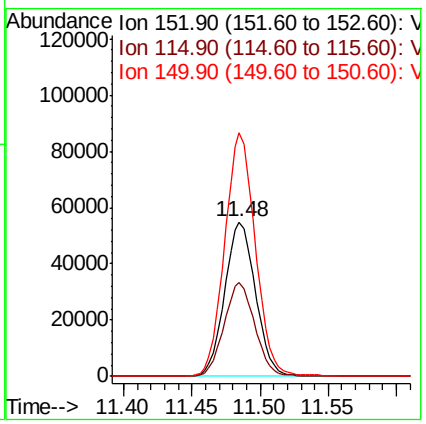


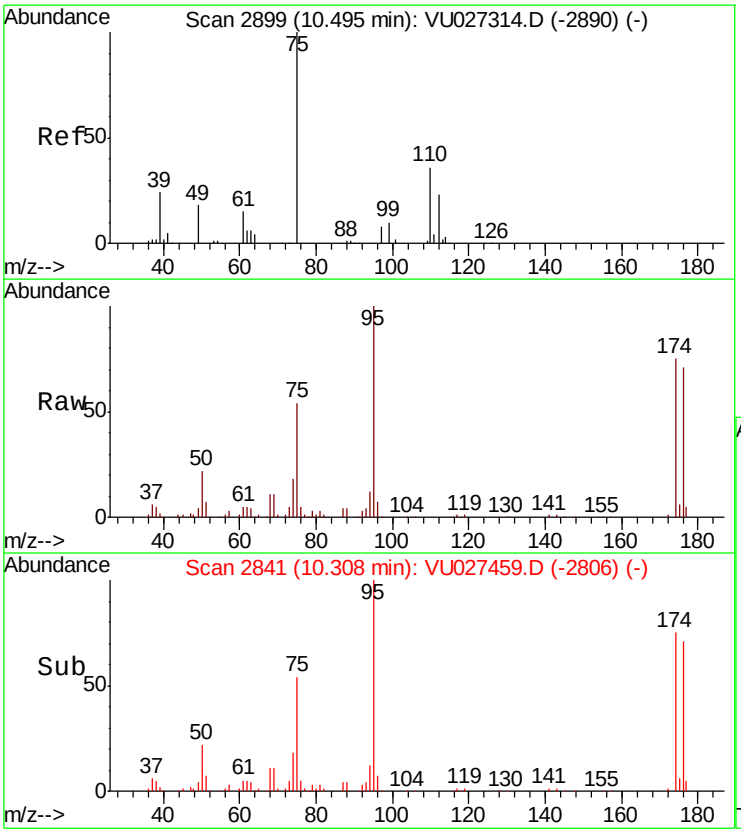
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Instrument : MSVOA_U
ClientSampleId : VU1006WBL01

Tgt Ion:152 Resp: 86400

Ion	Ratio	Lower	Upper
152	100		
115	60.5	43.4	130.2
150	156.6	0.0	349.2

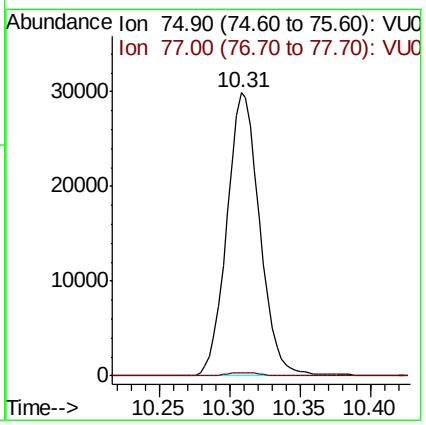


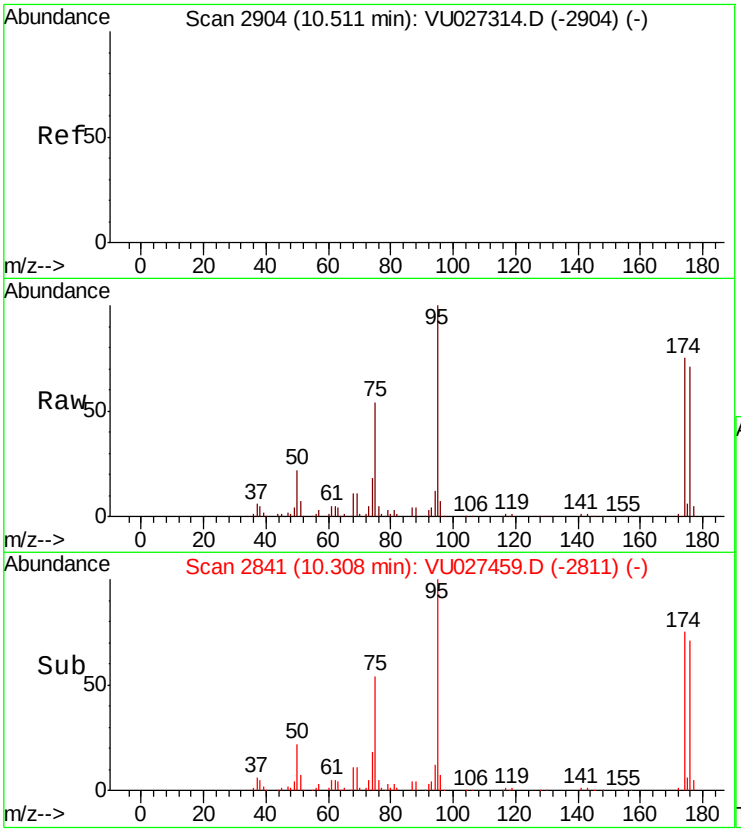


#76
1,2,3-Trichloropropane
Concen: 21.757 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Tgt Ion: 75 Resp: 48729

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.3	60.9#



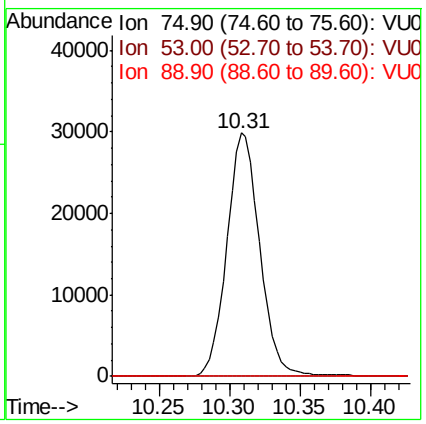


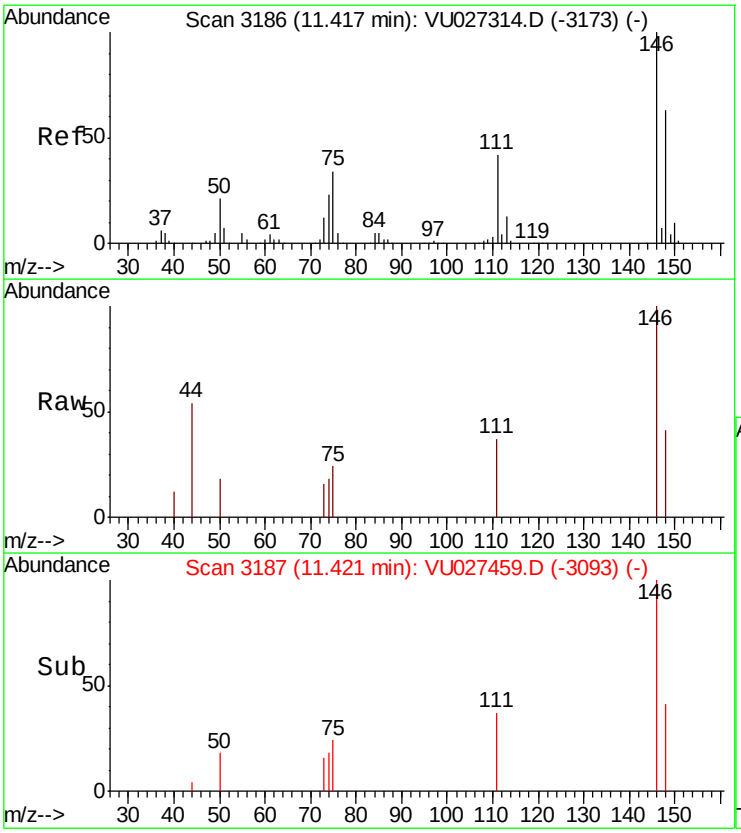
#81
trans-1,4-Dichloro-2-butene
Concen: 56.941 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBL01

Tgt Ion: 75 Resp: 48729

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

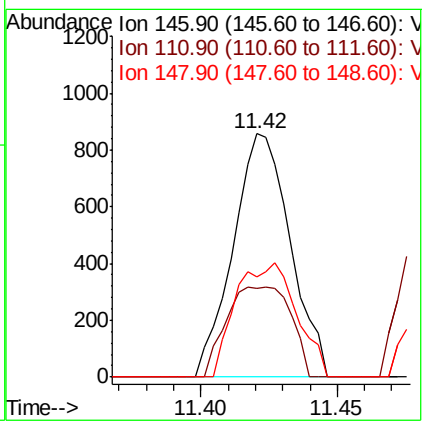


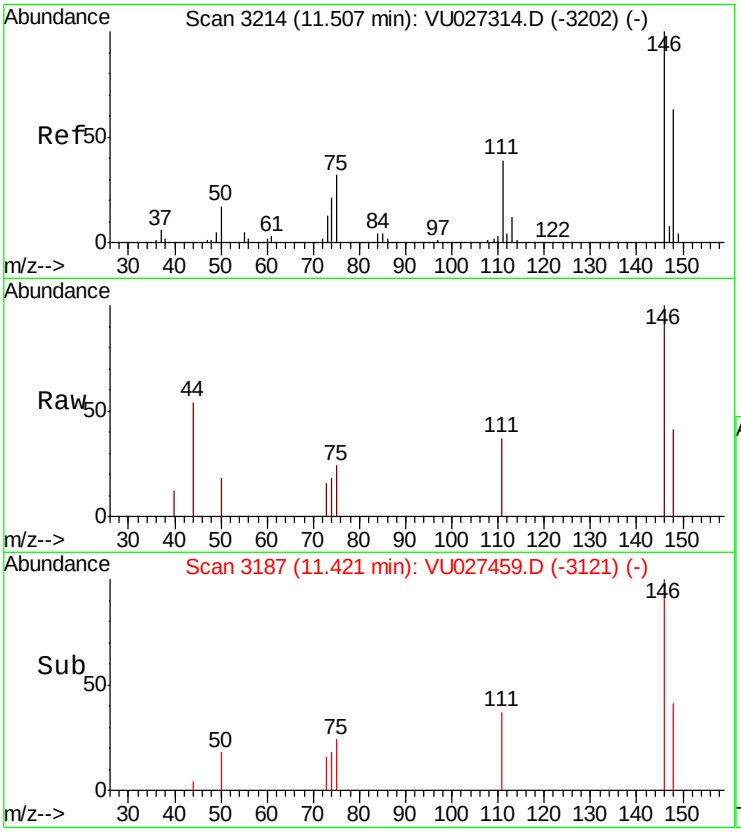


#87
1,3-Dichlorobenzene
Concen: 0.450 ug/l
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Tgt Ion:146 Resp: 1242

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.5
148	50.0	31.6	94.8



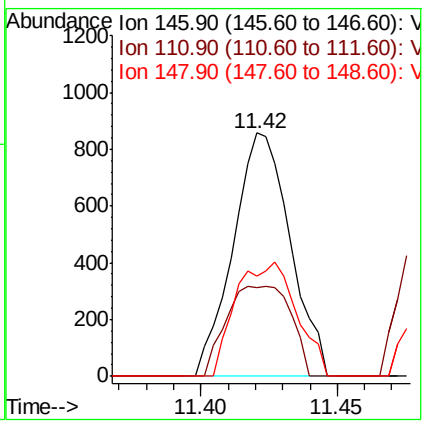


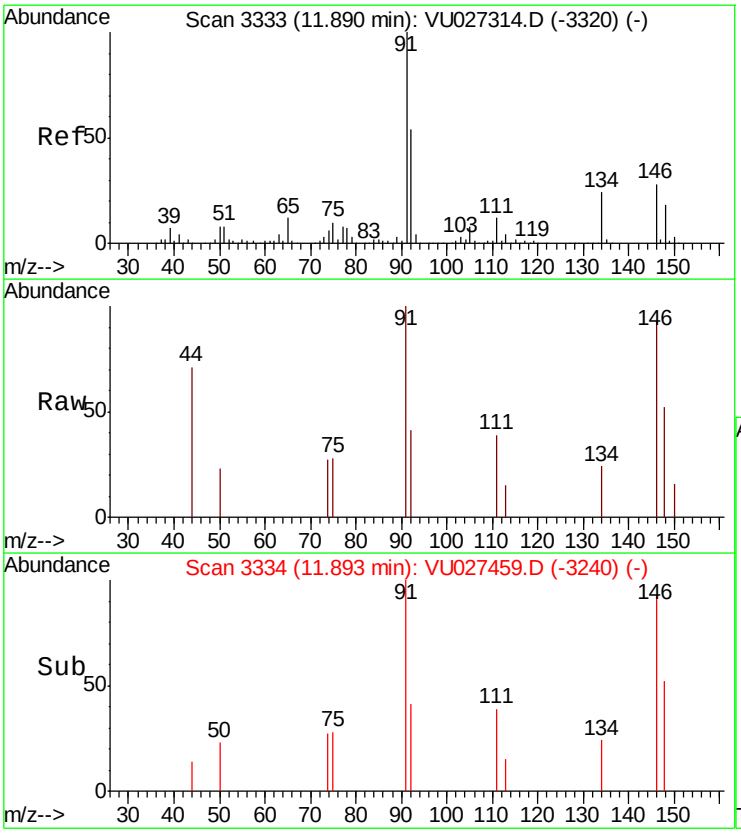
#88
1,4-Dichlorobenzene
Concen: 0.440 ug/l
RT: 11.42 min Scan# 3187
Delta R.T. -0.09 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Instrument : MSVOA_U
ClientSampleId : VU1006WBL01

Tgt Ion:146 Resp: 1242

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.4	61.2
148	50.0	31.9	95.5

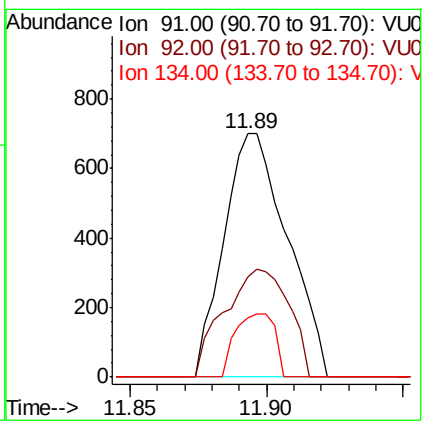


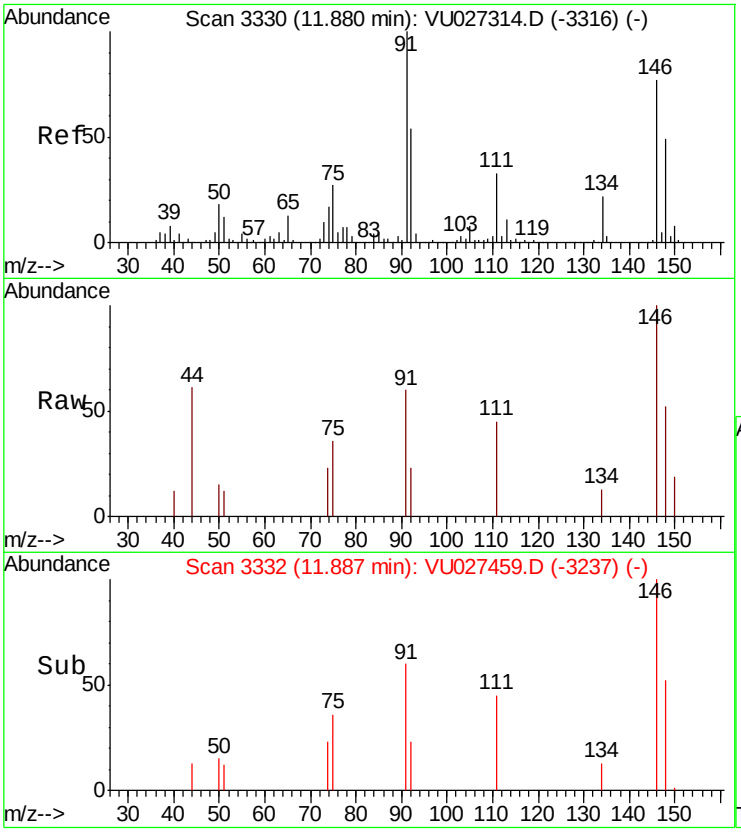


#89
n-Butylbenzene
Concen: 2.142 ug/l
RT: 11.89 min Scan# 3334
Delta R.T. 0.00 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Tgt Ion: 91 Resp: 1134

Ion	Ratio	Lower	Upper
91	100		
92	45.1	27.0	81.0
134	16.0	11.7	35.1



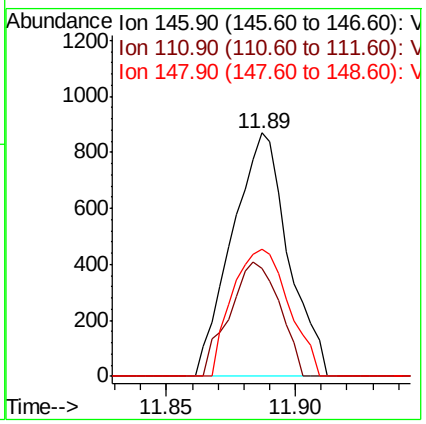


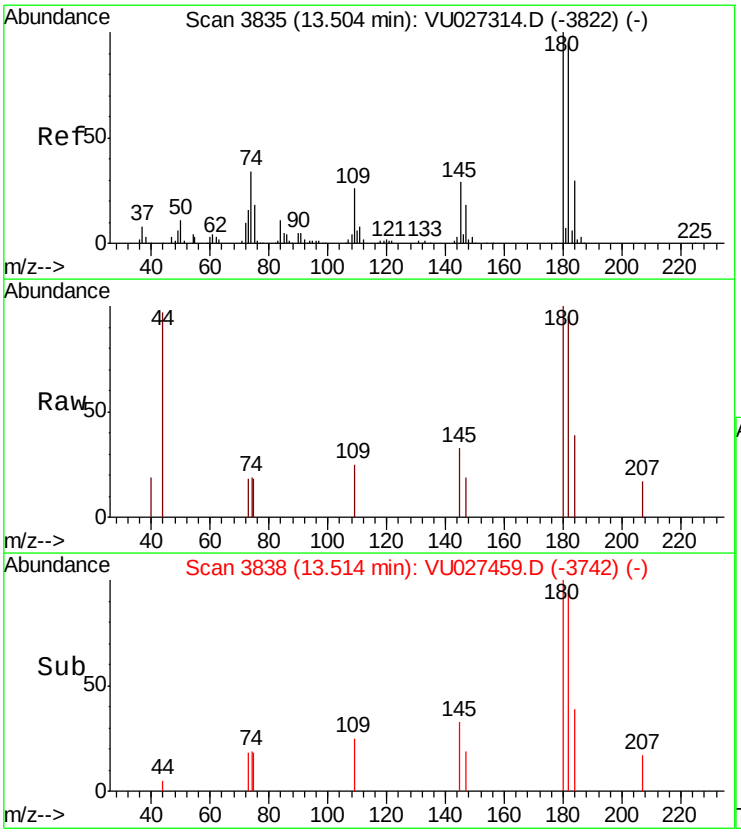
#91
1,2-Dichlorobenzene
Concen: 0.489 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.01 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Instrument : MSVOA_U
ClientSampleId : VU1006WBL01

Tgt Ion:146 Resp: 1315

Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.8	65.4
148	52.5	31.9	95.5

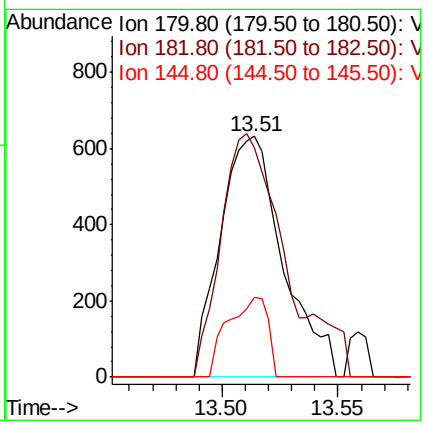


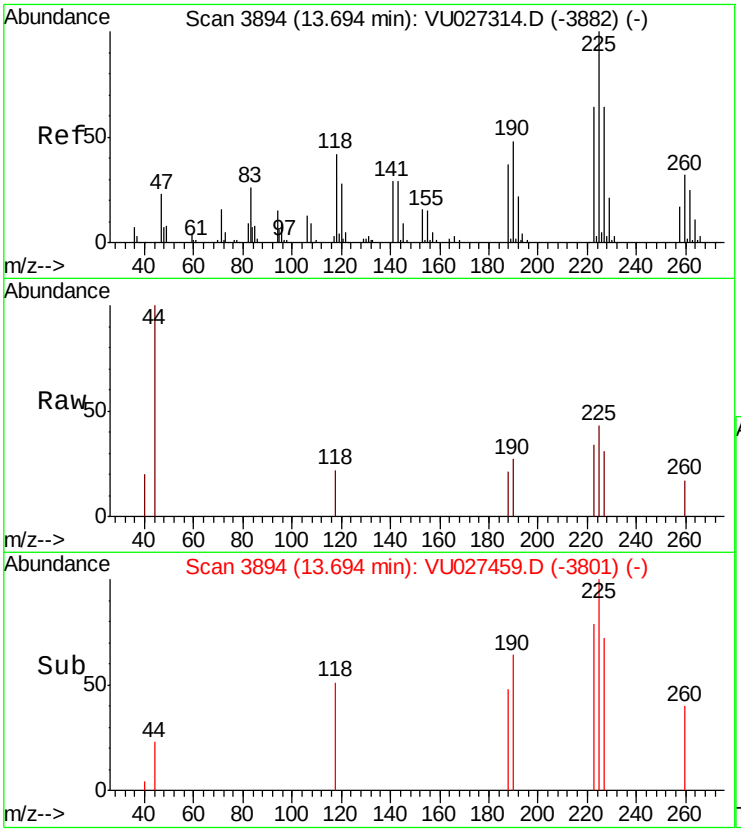


#93
1,2,4-Trichlorobenzene
Concen: 0.685 ug/l
RT: 13.51 min Scan# 3838
Delta R.T. 0.01 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Tgt Ion:180 Resp: 1191

Ion	Ratio	Lower	Upper
180	100		
182	104.5	47.4	142.3
145	21.2	14.6	44.0



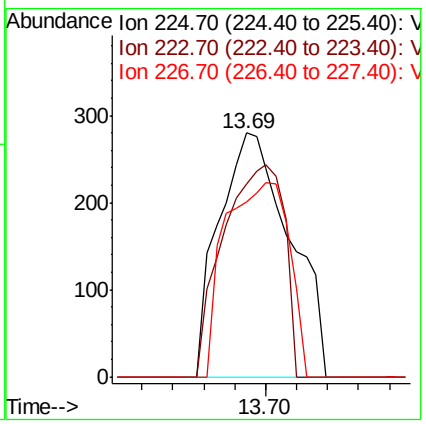


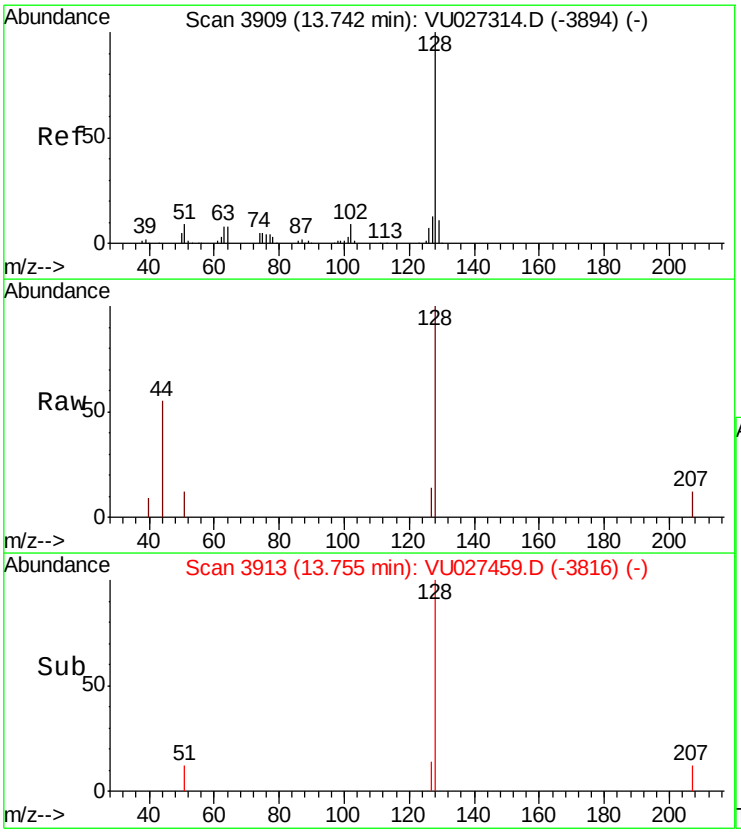
#94
Hexachlorobutadiene
Concen: 0.508 ug/l
RT: 13.69 min Scan# 3894
Delta R.T. -0.00 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Instrument : MSVOA_U
ClientSampleId : VU1006WBL01

Tgt Ion:225 Resp: 446

Ion	Ratio	Lower	Upper
225	100		
223	74.9	31.8	95.3
227	72.2	31.9	95.7

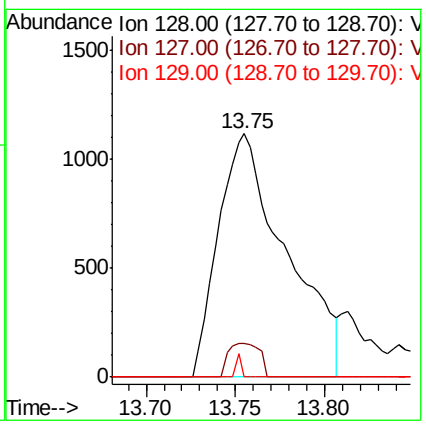


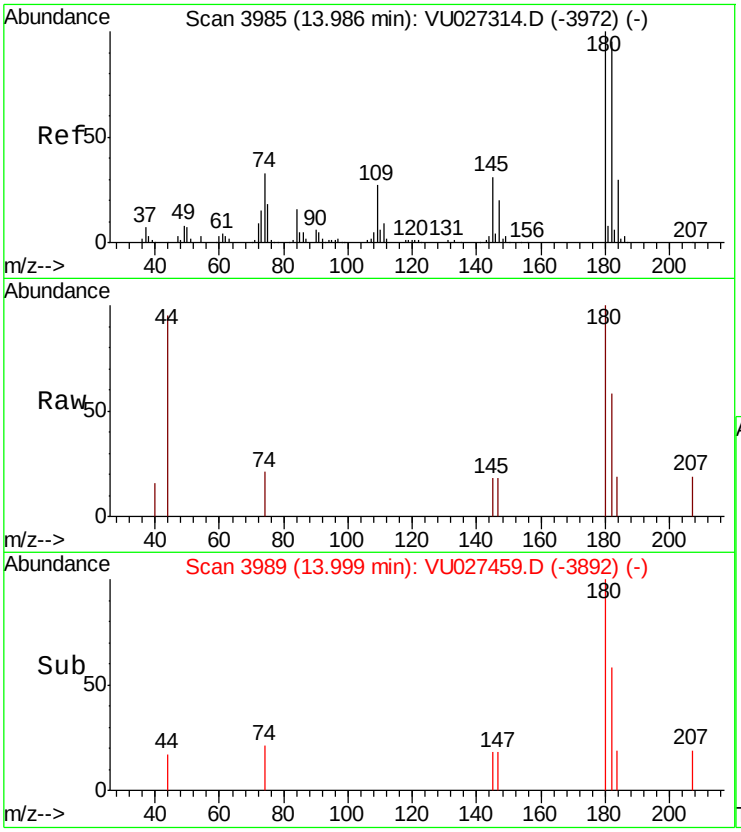


#95
Naphthalene
Concen: 2.095 ug/l
RT: 13.75 min Scan# 3913
Delta R.T. 0.01 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Tgt Ion:128 Resp: 2940

Ion	Ratio	Lower	Upper
128	100		
127	6.4	10.5	15.7#
129	0.7	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 0.763 ug/l
RT: 14.00 min Scan# 3989
Delta R.T. 0.01 min
Lab File: VU027459.D
Acq: 05 Oct 2018 17:37

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBL01

Tgt Ion:180 Resp: 1382

Ion	Ratio	Lower	Upper
180	100		
182	78.3	47.4	142.2
145	14.9	15.9	47.7#