Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
Data File : VU027096.D
Acq On : 24 Sep 2018 10:20
Operator : MD/SY
Sample : J4969-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EB01-20180917

Quant Time: Sep 25 01:33:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	97735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	163812	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	157689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	71416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	99936	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.60%			
35) Dibromofluoromethane	4.88	113	69808	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.32%			
50) Toluene-d8	7.57	98	265170	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.00%			
62) 4-Bromofluorobenzene	10.31	95	83887	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.36%			
Target Compounds						Qvalue
6) Chloroethane	1.69	64	297	0.226	ug/l #	43
11) Tert butyl alcohol	2.84	59	2232	4.950	ug/l #	72
14) Allyl chloride	2.44	41	3940	1.439	ug/l #	70
16) Acetone	2.32	43	5676	Below Cal		97
18) Methyl Acetate	2.44	43	9804	3.502	ug/l #	55
20) Methylene Chloride	2.71	84	410	0.233	ug/l #	68
26) 2,2-Dichloropropane	4.19	77	1066	0.424	ug/l #	55
31) Cyclohexane	4.98	56	2456	0.266	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9764	4.466	ug/l #	49
38) Carbon Tetrachloride	4.98	117	10184	4.895	ug/l #	19
48) Methyl methacrylate	6.83	41	101	1.054	ug/l #	17
51) 4-Methyl-2-Pentanone	7.47	43	640	0.220	ug/l #	67
59) 2-Hexanone	8.39	43	922	0.406	ug/l	67
68) m/p-Xylenes	9.38	106	176	1.563	ug/l #	24
70) Styrene	9.80	104	191	1.850	ug/l #	24
76) 1,2,3-Trichloropropane	10.31	75	47104	21.711	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	47104	69.479	ug/l #	100
86) p-Isopropyltoluene	11.48	119	445	1.014	ug/l #	55
89) n-Butylbenzene	11.89	91	711	2.530	ug/l #	74
93) 1,2,4-Trichlorobenzene	13.51	180	436	0.288	ug/l #	72
94) Hexachlorobutadiene	13.70	225	193	0.241	ug/l #	18
95) Naphthalene	13.76	128	1353	1.910	ug/l #	73
96) 1,2,3-Trichlorobenzene	13.99	180	614	0.379	ug/l #	46

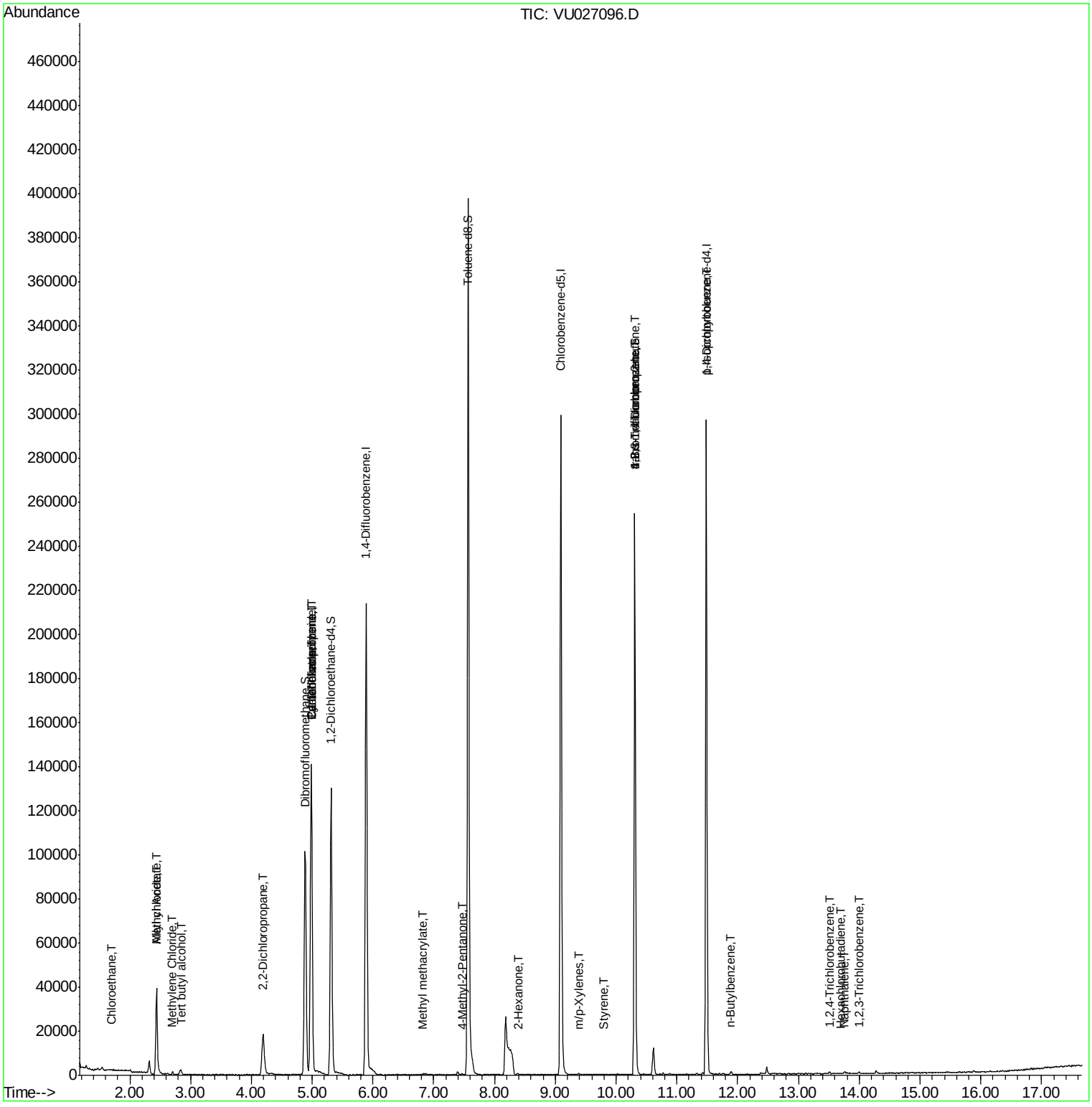
(#) = qualifier out of range (m) = manual integration (+) = signals summed

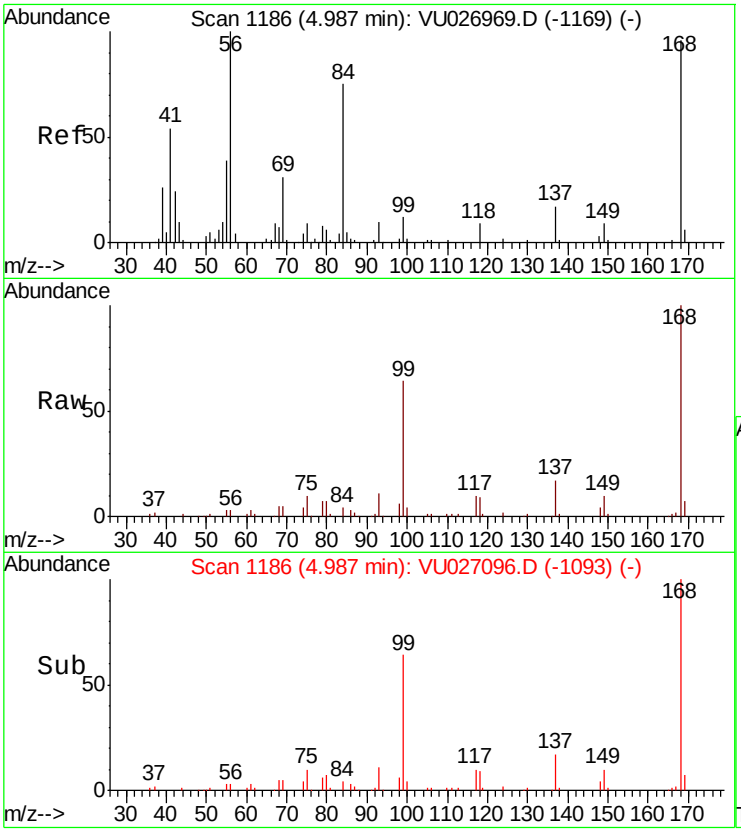
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
Data File : VU027096.D
Acq On : 24 Sep 2018 10:20
Operator : MD/SY
Sample : J4969-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EB01-20180917

Quant Time: Sep 25 01:33:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration



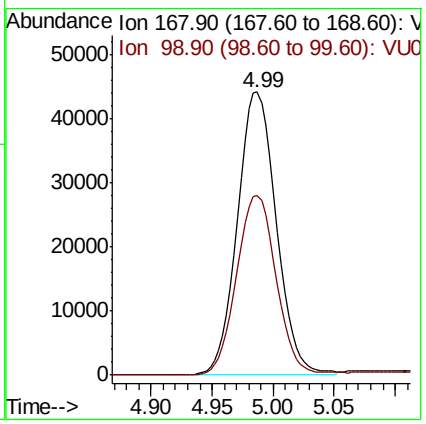


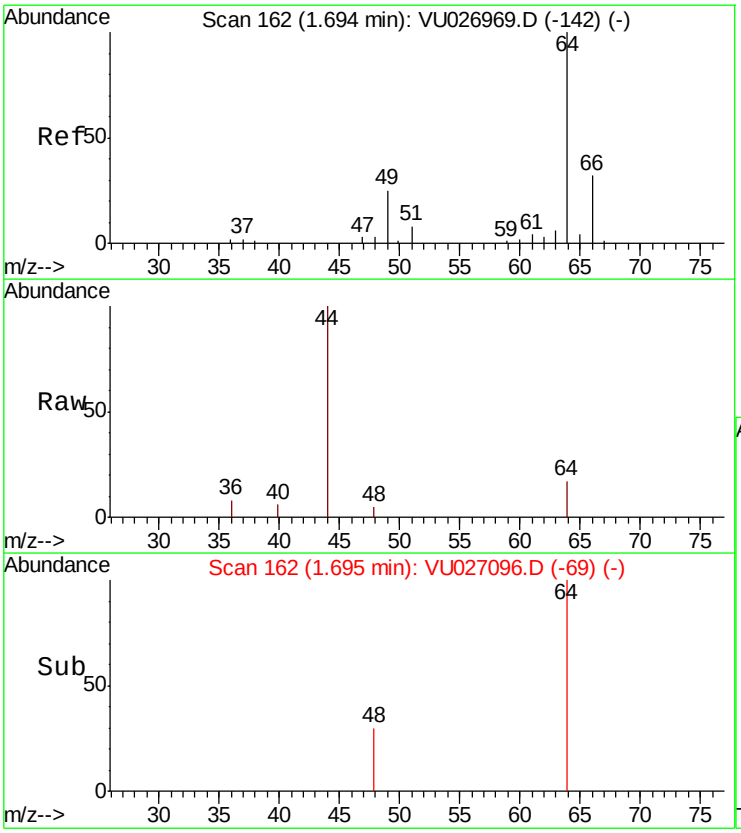
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Instrument :
MSVOA_U
ClientSampleId :
EB01-20180917

Tgt Ion:168 Resp: 97735

Ion	Ratio	Lower	Upper
168	100		
99	63.6	48.1	72.1

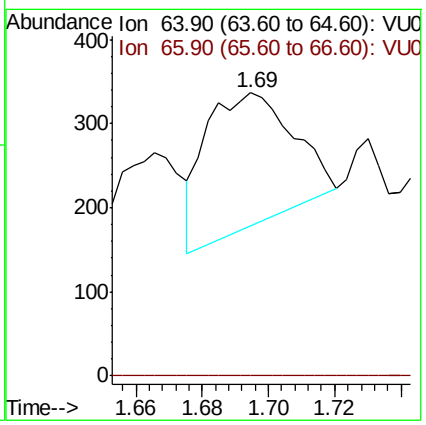


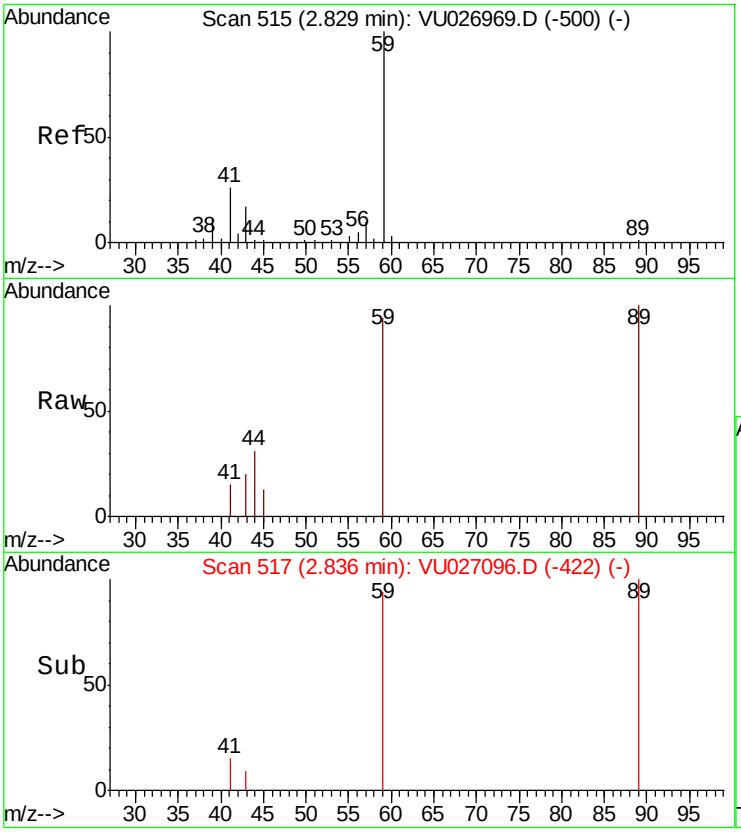


#6
Chloroethane
Concen: 0.226 ug/l
RT: 1.69 min Scan# 162
Delta R.T. 0.00 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Tgt Ion: 64 Resp: 297

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.3	37.9#



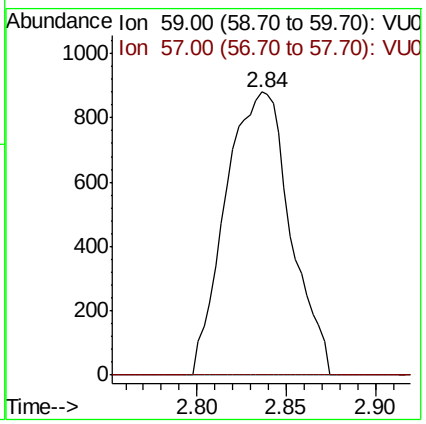


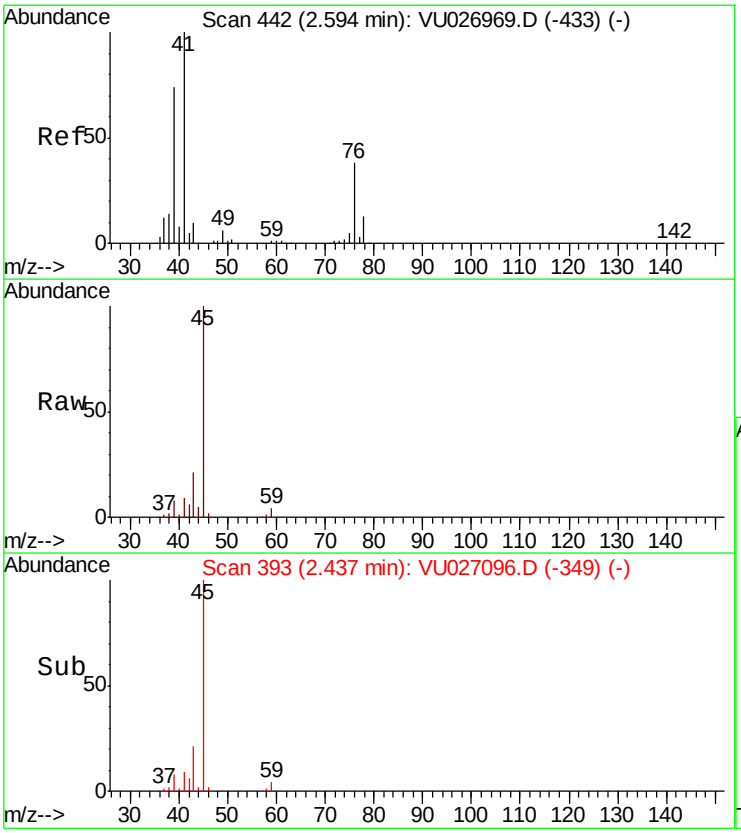
#11
Tert butyl alcohol
Concen: 4.950 ug/l
RT: 2.84 min Scan# 517
Delta R.T. 0.01 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Instrument : MSVOA_U
ClientSampleId : EB01-20180917

Tgt Ion: 59 Resp: 2232

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

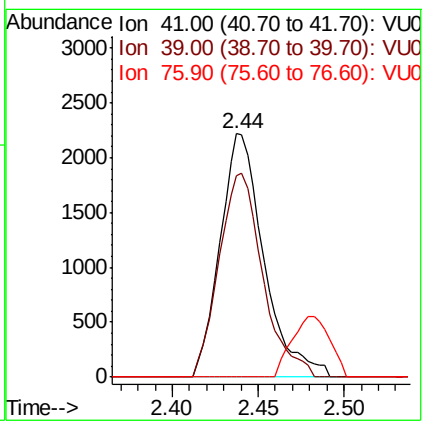


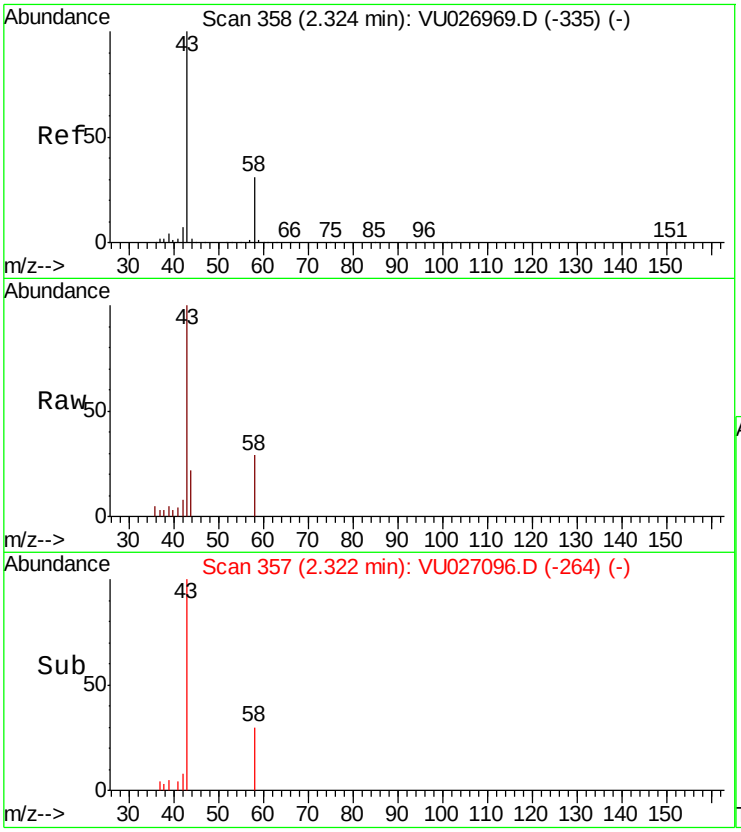


#14
Allyl chloride
Concen: 1.439 ug/l
RT: 2.44 min Scan# 393
Delta R.T. -0.16 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Tgt Ion: 41 Resp: 3940

Ion	Ratio	Lower	Upper
41	100		
39	83.5	55.7	83.5
76	0.0	26.5	39.7#



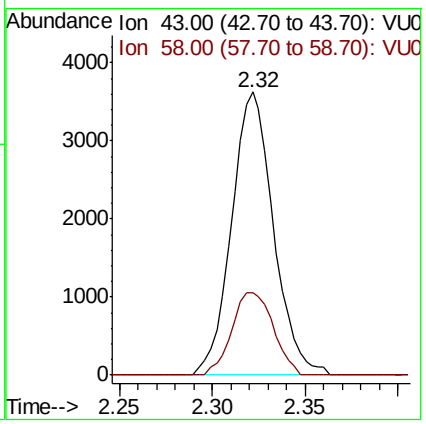


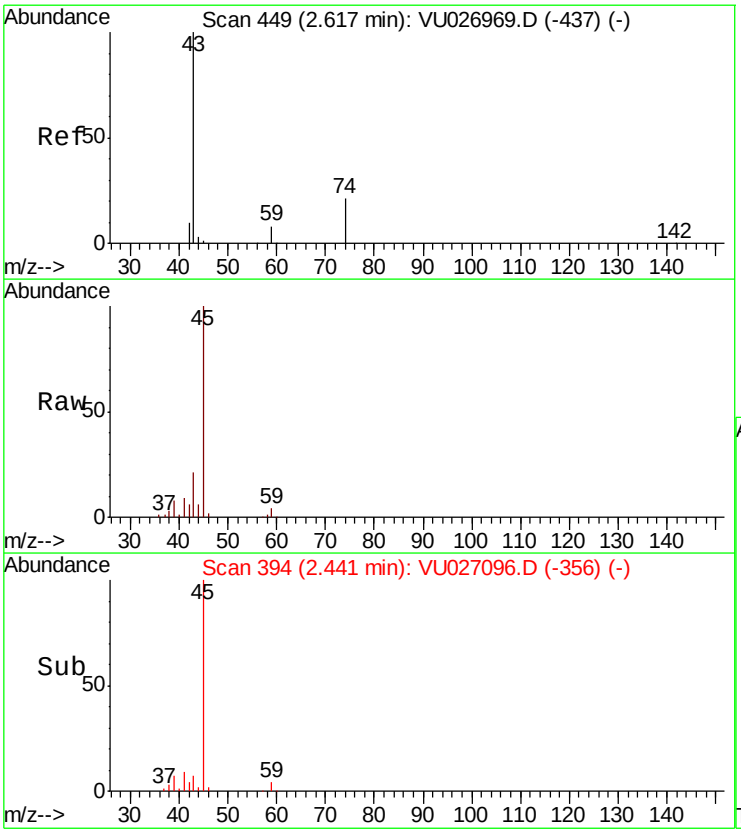
#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Instrument : MSVOA_U
ClientSampleId : EB01-20180917

Tgt Ion: 43 Resp: 5676

Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.6	36.8

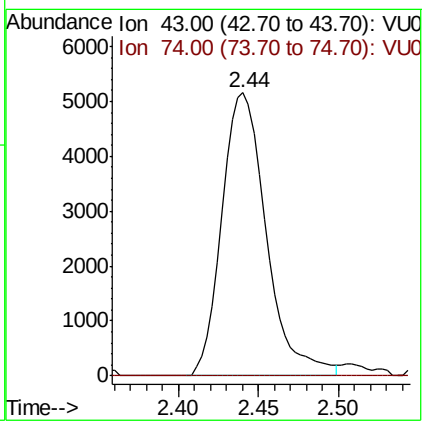


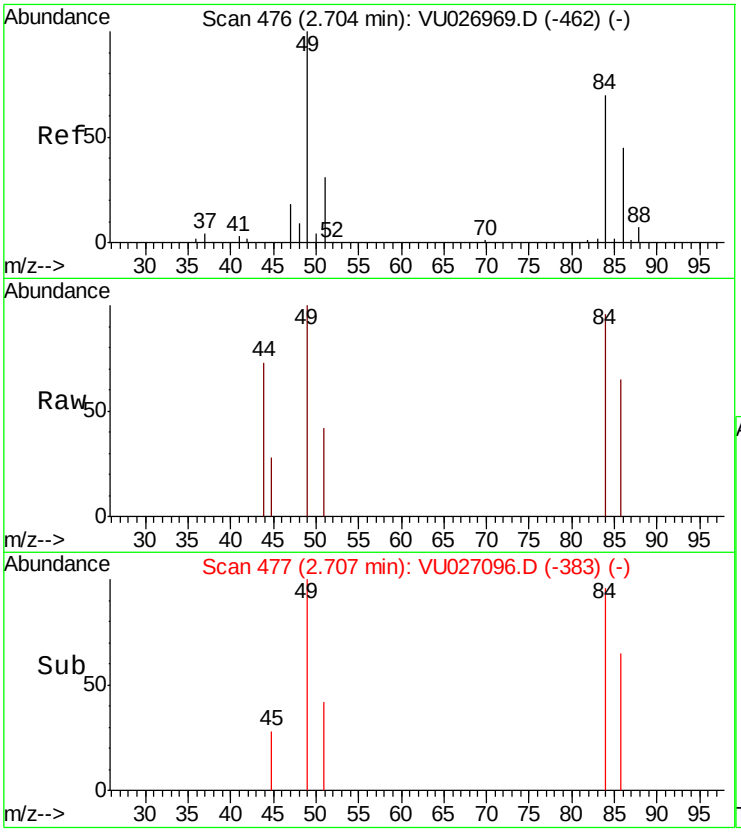


#18
Methyl Acetate
Concen: 3.502 ug/l
RT: 2.44 min Scan# 394
Delta R.T. -0.18 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Tgt Ion: 43 Resp: 9804

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	25.0#



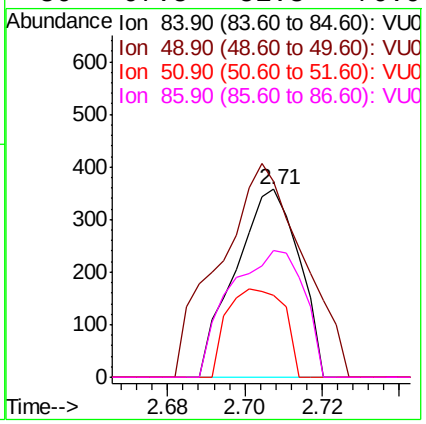


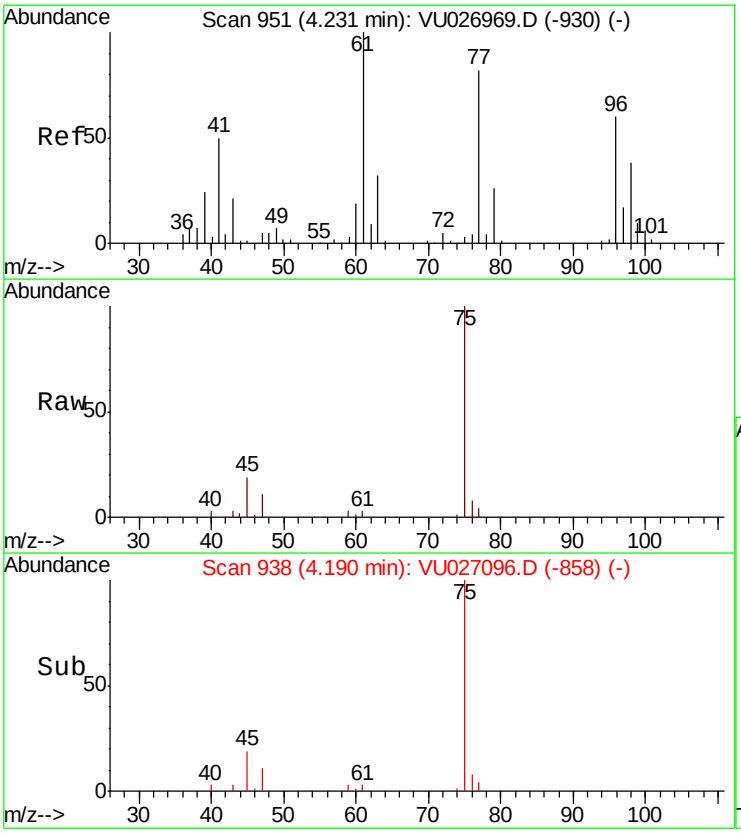
#20
Methylene Chloride
Concen: 0.233 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.00 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Instrument : MSVOA_U
ClientSampleId : EB01-20180917

Tgt Ion: 84 Resp: 410

Ion	Ratio	Lower	Upper
84	100		
49	76.2	114.9	172.3#
51	43.7	35.8	53.8
86	67.5	51.3	76.9

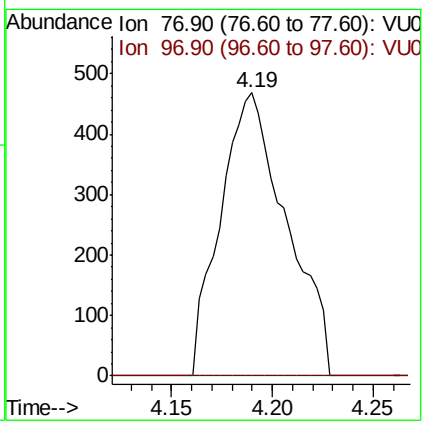


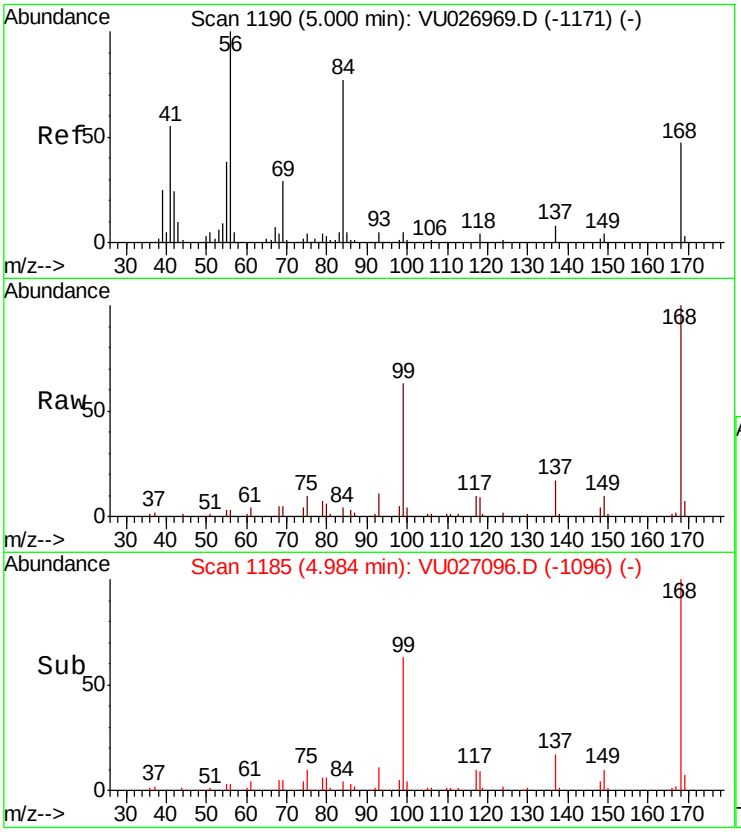


#26
2,2-Dichloropropane
Concen: 0.424 ug/l
RT: 4.19 min Scan# 938
Delta R.T. -0.04 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Tgt Ion: 77 Resp: 1066

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.5	31.5#



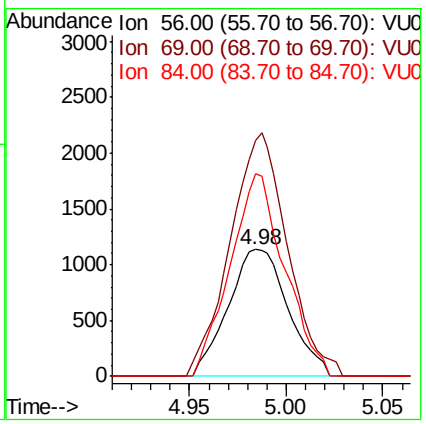


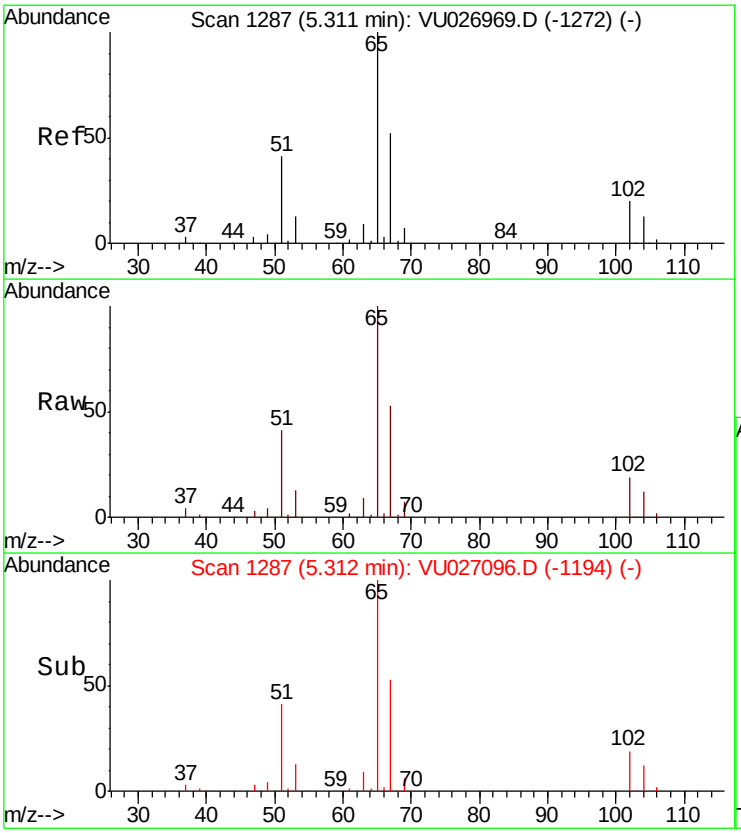
#31
Cyclohexane
Concen: 0.266 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Instrument : MSVOA_U
ClientSampleId : EB01-20180917

Tgt Ion: 56 Resp: 2456

Ion	Ratio	Lower	Upper
56	100		
69	186.4	23.0	34.4#
84	159.4	61.4	92.2#

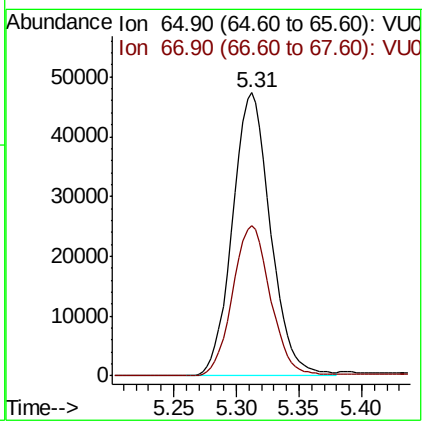


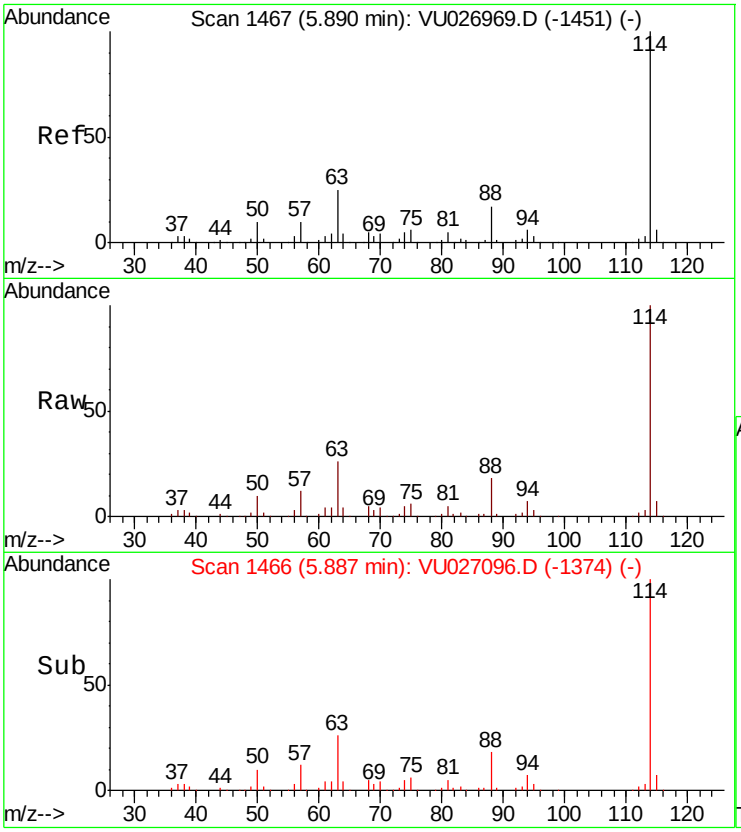


#33
1,2-Dichloroethane-d4
Concen: 50.804 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Tgt Ion: 65 Resp: 99936

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.6



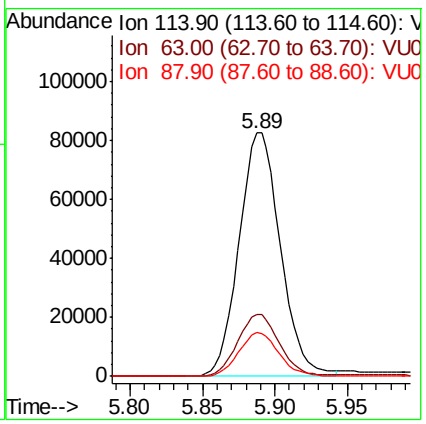


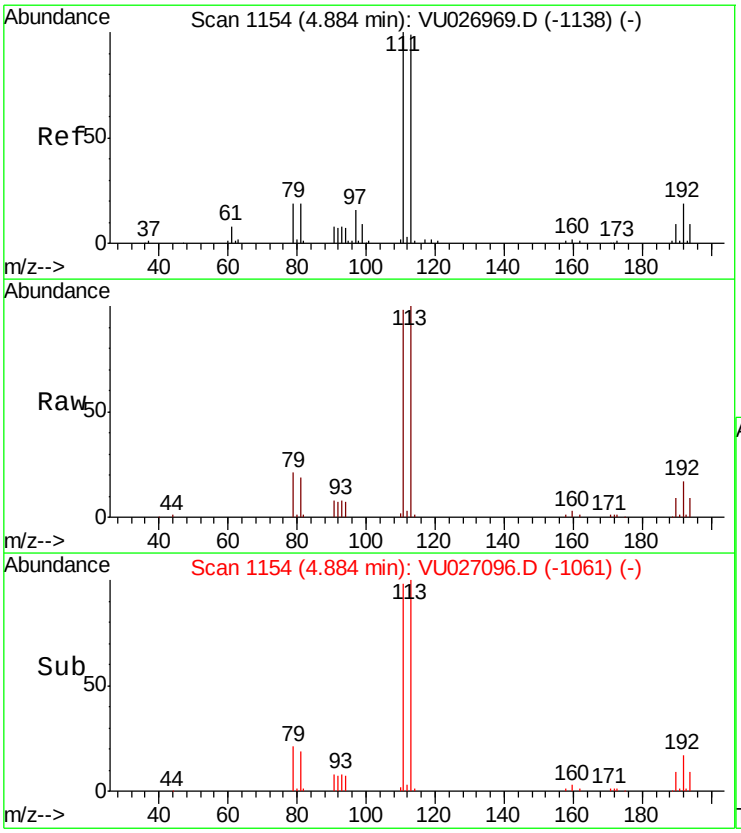
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. -0.00 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Instrument :
MSVOA_U
ClientSampleId :
EB01-20180917

Tgt Ion:114 Resp: 163812

Ion	Ratio	Lower	Upper
114	100		
63	25.6	0.0	49.2
88	18.0	0.0	33.8

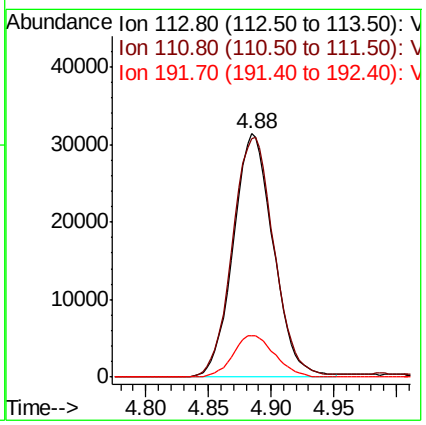


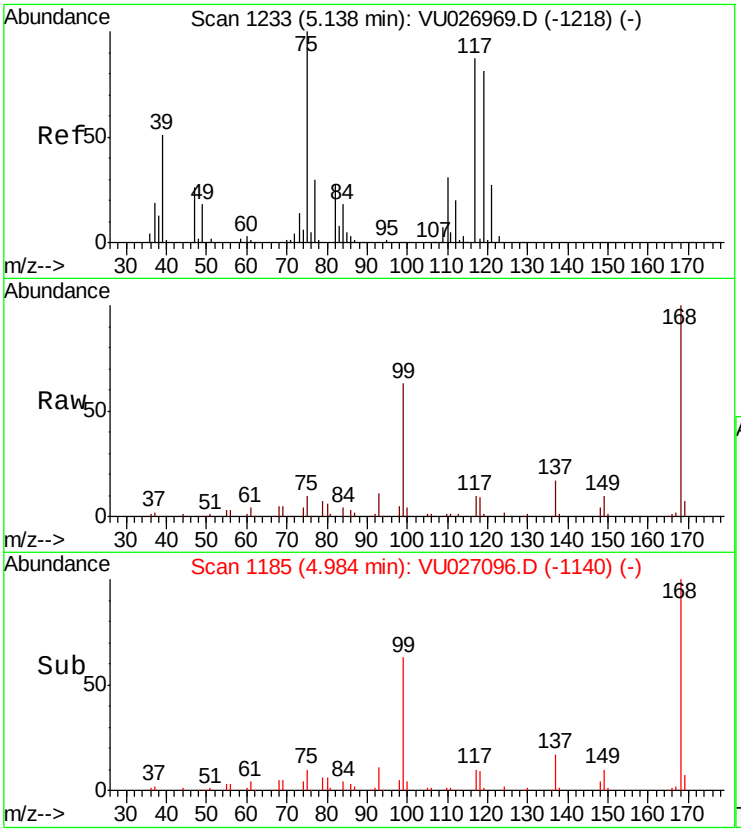


#35
Dibromofluoromethane
Concen: 49.163 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Tgt Ion:113 Resp: 69808

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	17.7	15.2	22.8



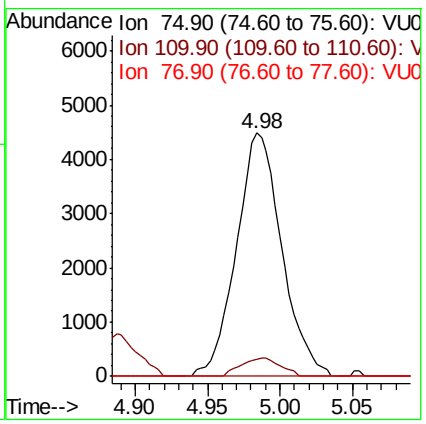


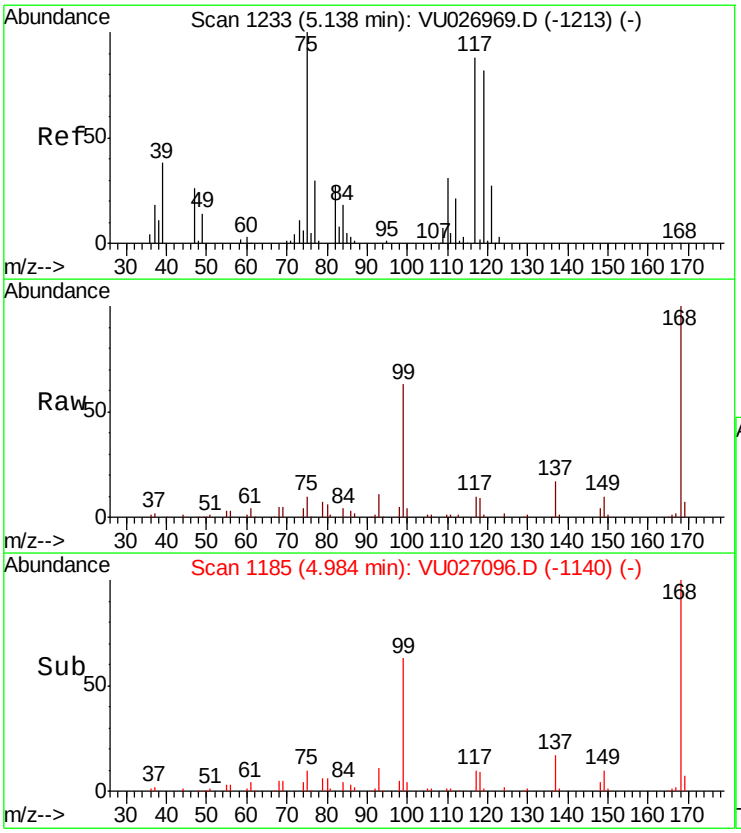
#36
1,1-Dichloropropene
Concen: 4.466 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Instrument :
MSVOA_U
ClientSampleId :
EB01-20180917

Tgt Ion: 75 Resp: 9764

Ion	Ratio	Lower	Upper
75	100		
110	6.6	16.1	48.2#
77	0.0	24.6	36.8#

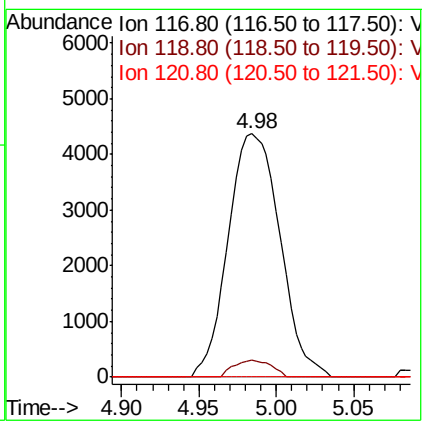


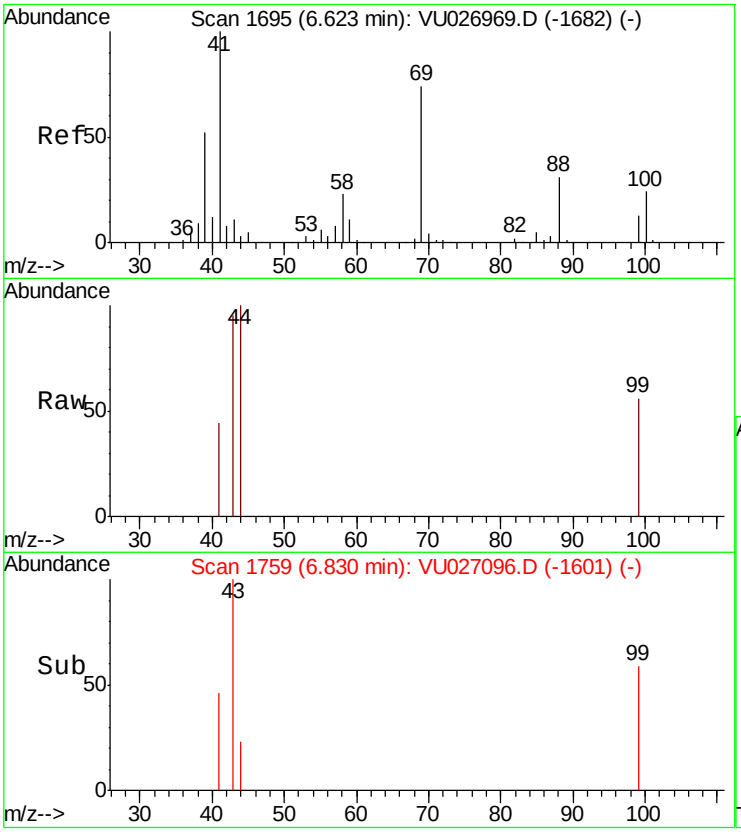


#38
Carbon Tetrachloride
Concen: 4.895 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Tgt Ion:117 Resp: 10184

Ion	Ratio	Lower	Upper
117	100		
119	7.1	74.4	111.6#
121	0.0	24.2	36.4#



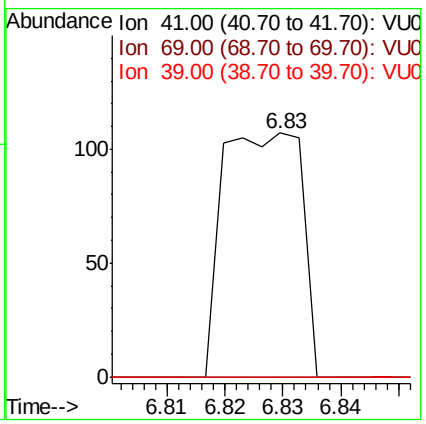


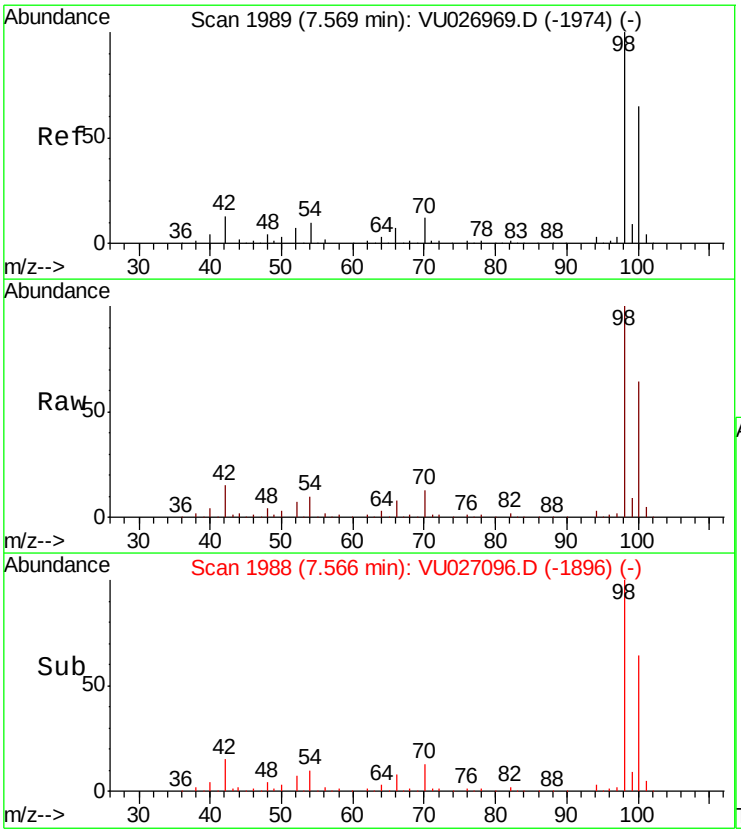
#48
Methyl methacrylate
Concen: 1.054 ug/l
RT: 6.83 min Scan# 1759
Delta R.T. 0.21 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Instrument : MSVOA_U
ClientSampleId : EB01-20180917

Tgt Ion: 41 Resp: 101

Ion	Ratio	Lower	Upper
41	100		
69	0.0	60.6	90.8#
39	0.0	42.8	64.2#

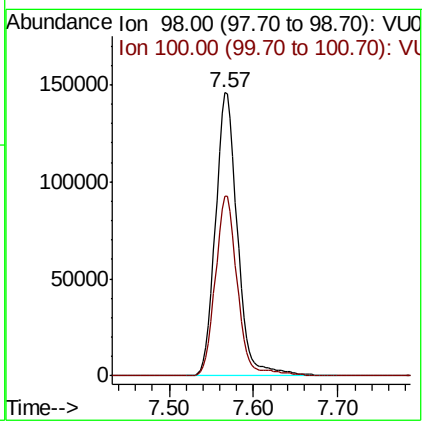


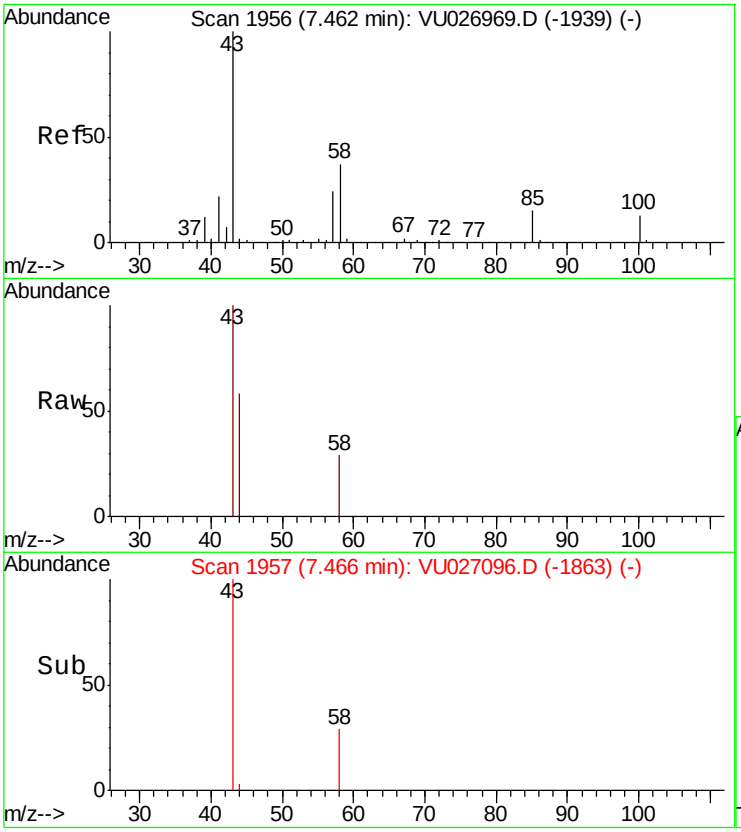


#50
Toluene-d8
Concen: 49.002 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Tgt Ion: 98 Resp: 265170

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.1	78.1



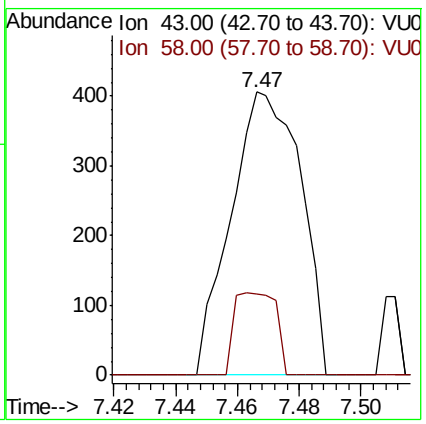


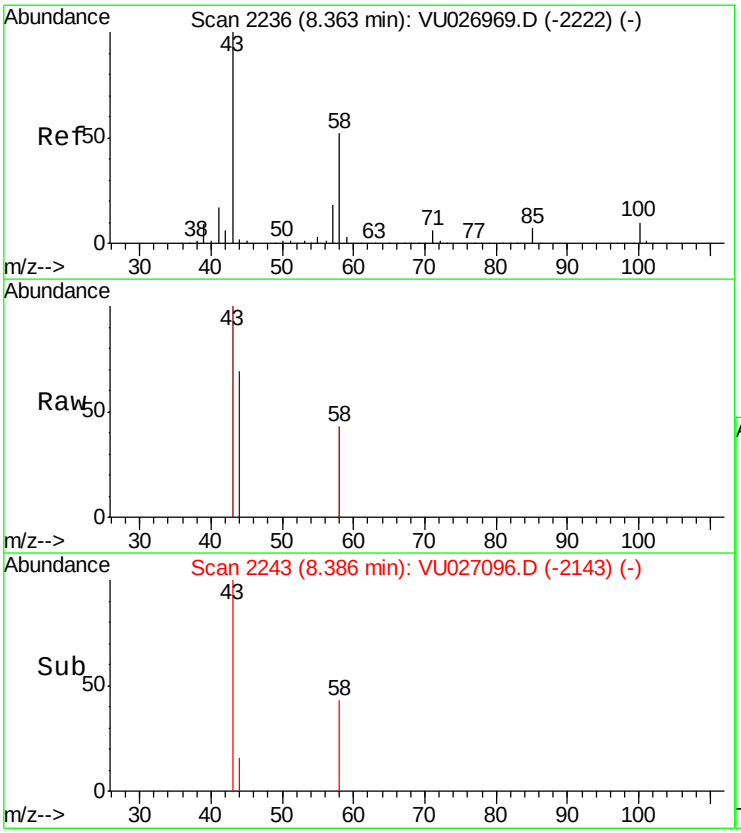
#51
4-Methyl-2-Pentanone
Concen: 0.220 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Instrument : MSVOA_U
ClientSampleId : EB01-20180917

Tgt Ion: 43 Resp: 640

Ion	Ratio	Lower	Upper
43	100		
58	17.3	29.8	44.6#

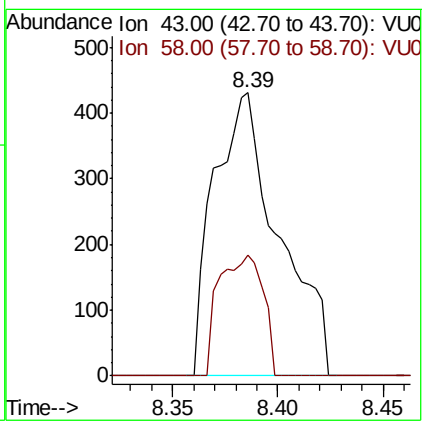


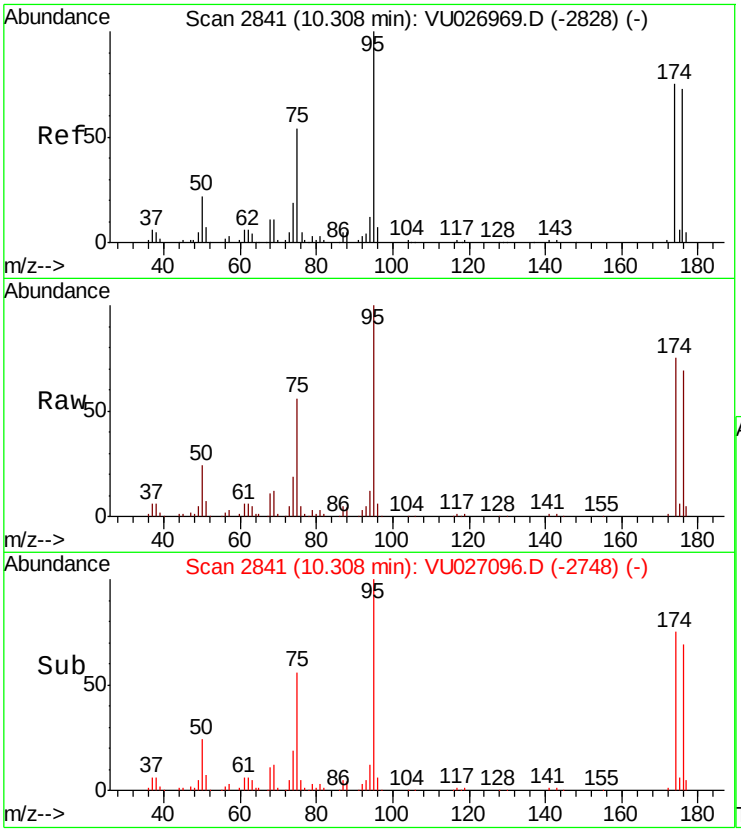


#59
2-Hexanone
Concen: 0.406 ug/l
RT: 8.39 min Scan# 2243
Delta R.T. 0.02 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Tgt Ion: 43 Resp: 922

Ion	Ratio	Lower	Upper
43	100		
58	28.7	26.1	78.2



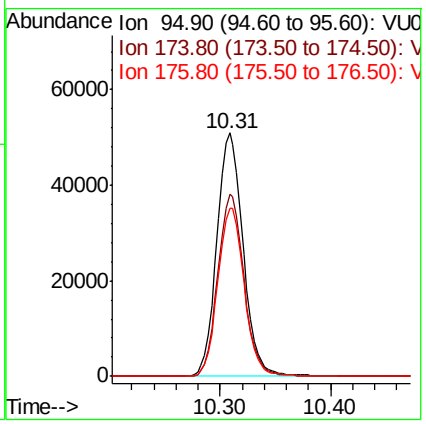


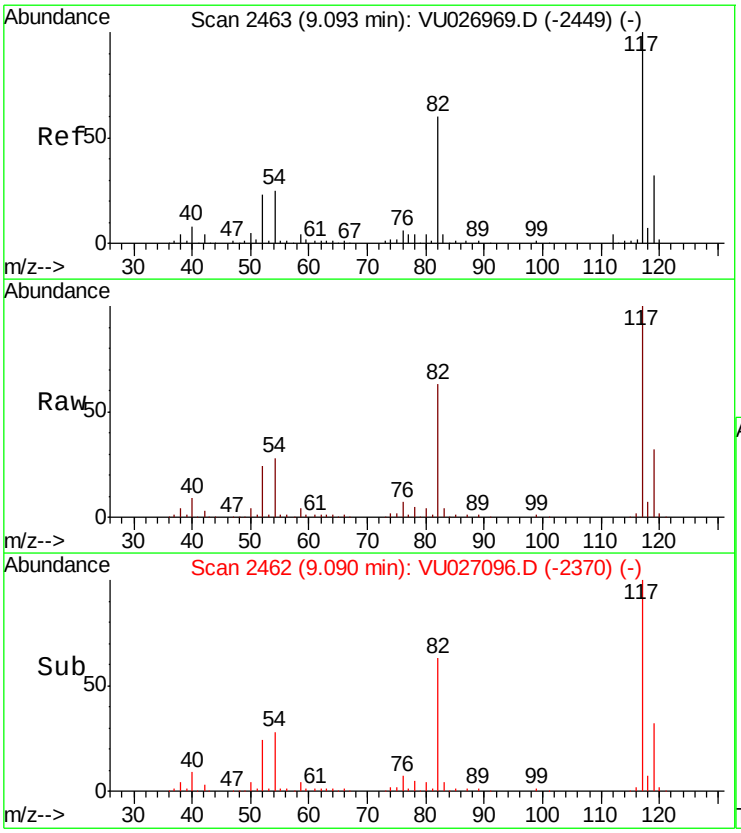
#62
4-Bromofluorobenzene
Concen: 45.178 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Instrument :
MSVOA_U
ClientSampleId :
EB01-20180917

Tgt Ion: 95 Resp: 83887

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	150.2
176	69.7	0.0	145.2

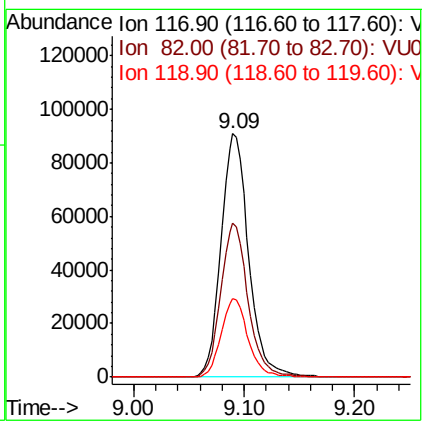


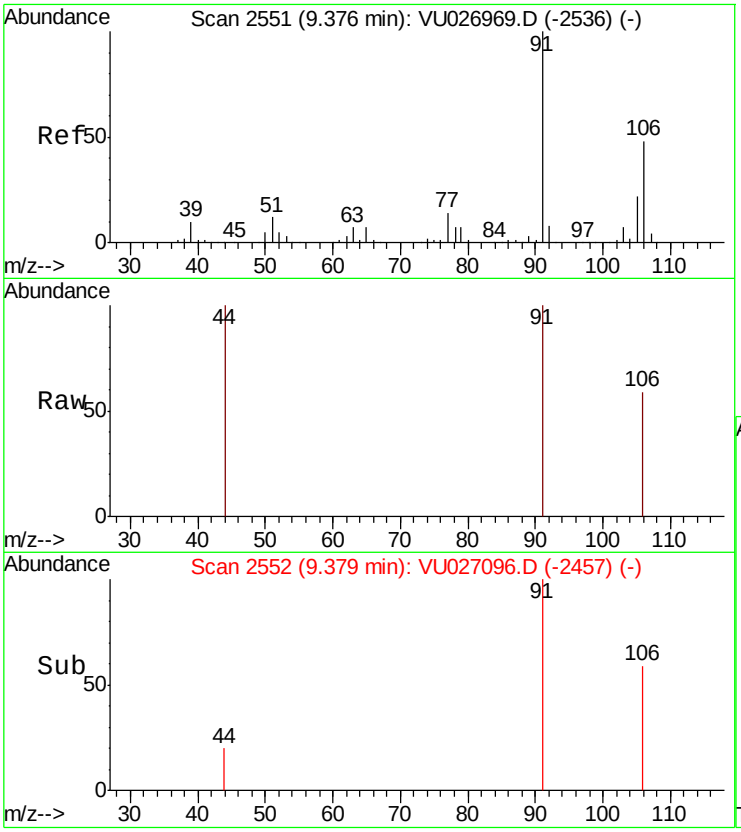


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Tgt Ion:117 Resp: 157689

Ion	Ratio	Lower	Upper
117	100		
82	63.4	48.0	72.0
119	32.4	25.8	38.8



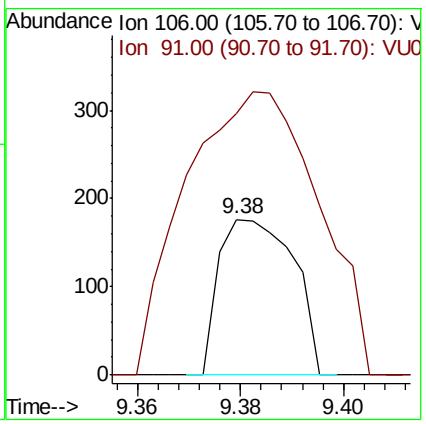


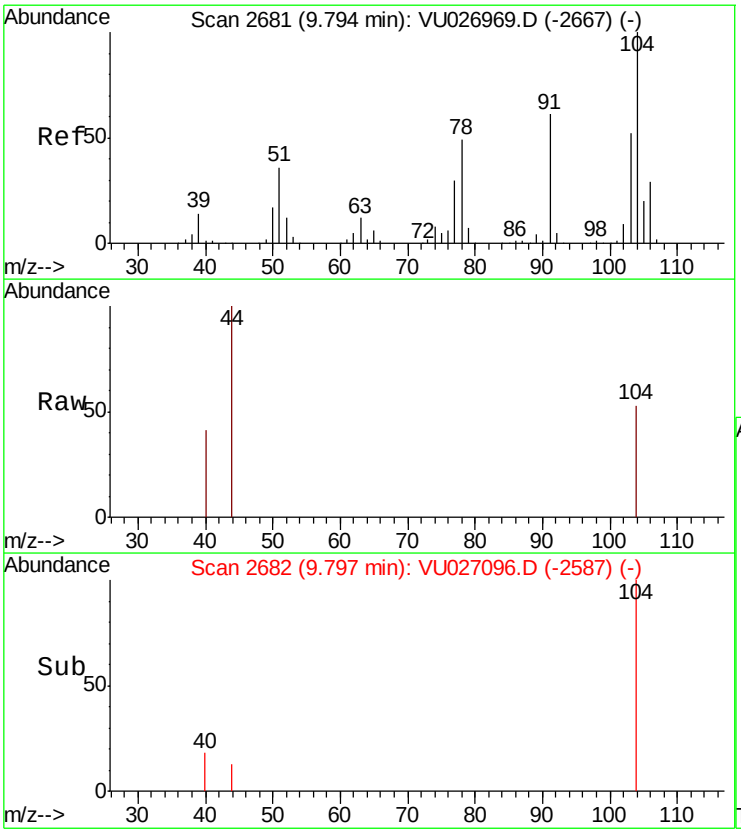
#68
m/p-Xylenes
Concen: 1.563 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Instrument : MSVOA_U
ClientSampleId : EB01-20180917

Tgt Ion:106 Resp: 176

Ion	Ratio	Lower	Upper
106	100		
91	325.6	166.5	249.7#

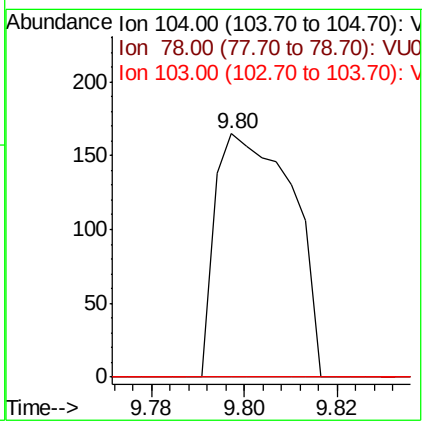


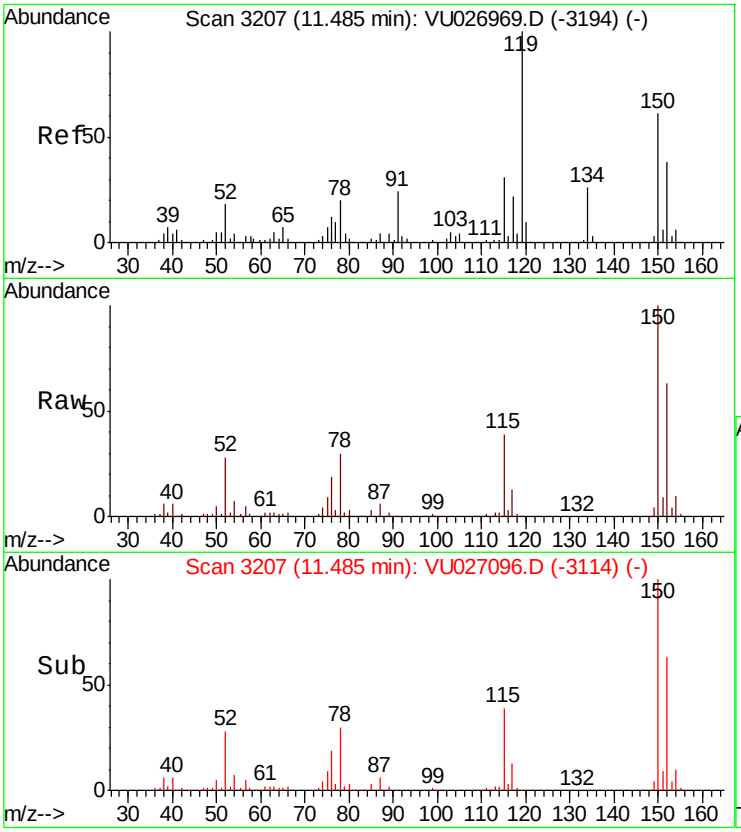


#70
Styrene
Concen: 1.850 ug/l
RT: 9.80 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Tgt Ion:104 Resp: 191

Ion	Ratio	Lower	Upper
104	100		
78	0.0	43.0	64.4#
103	0.0	44.1	66.1#



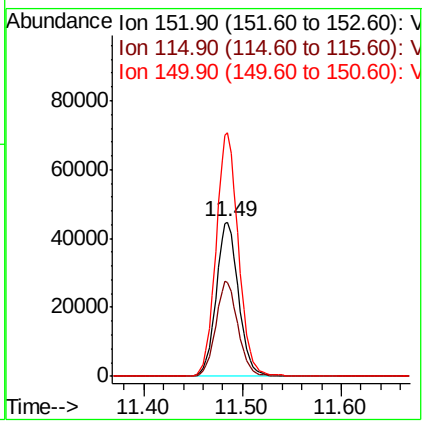


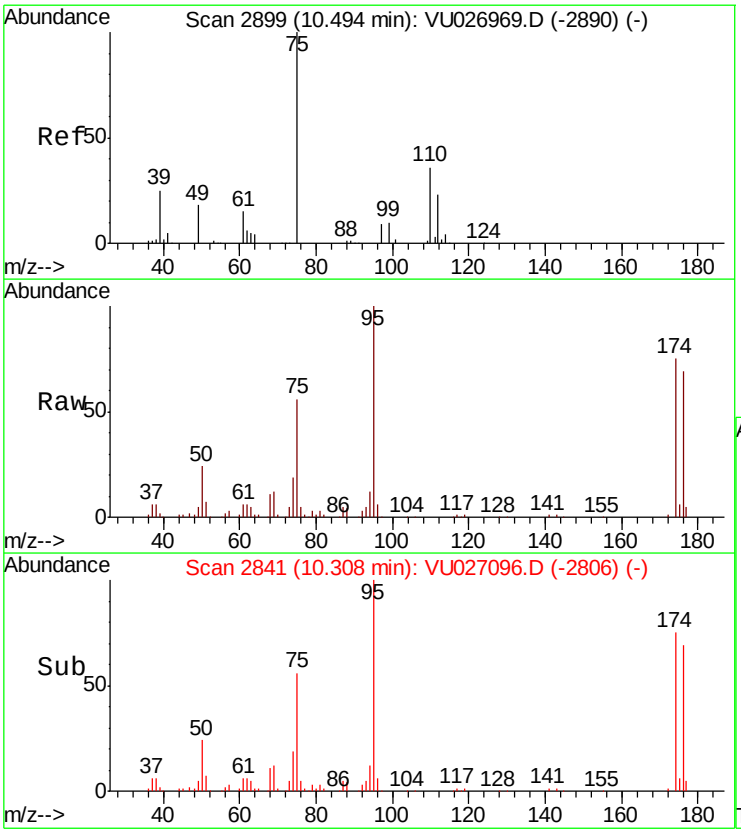
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Instrument : MSVOA_U
ClientSampleId : EB01-20180917

Tgt Ion:152 Resp: 71416

Ion	Ratio	Lower	Upper
152	100		
115	60.9	44.9	134.5
150	157.7	0.0	355.8

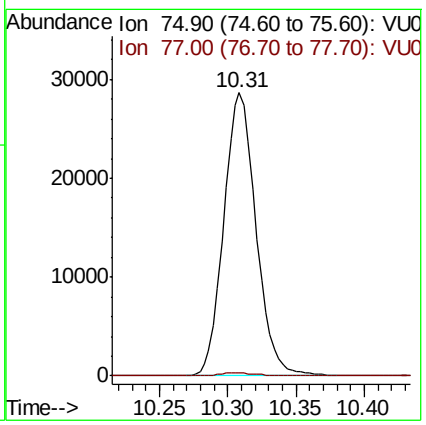


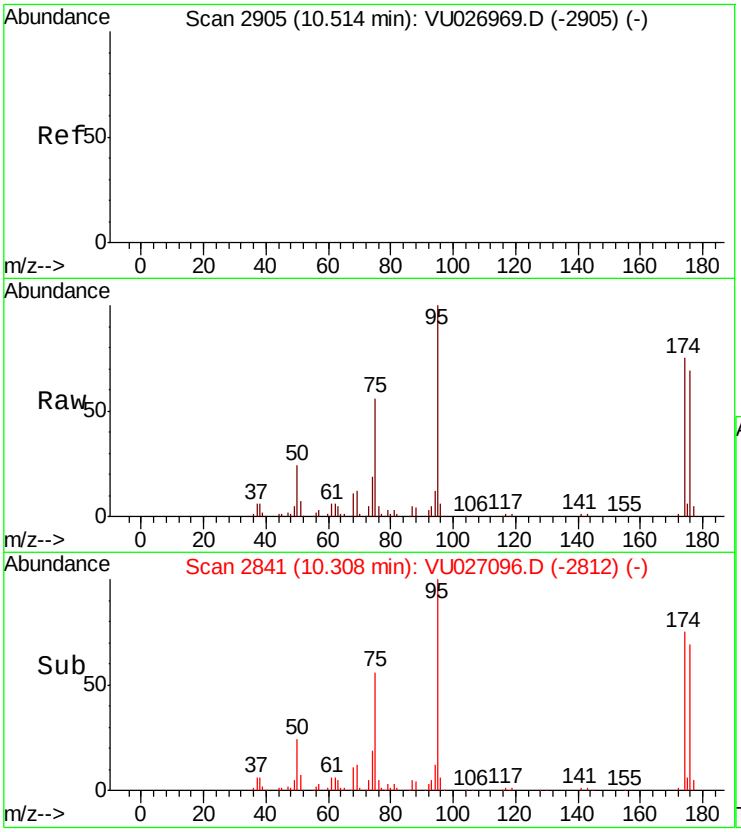


#76
1,2,3-Trichloropropane
Concen: 21.711 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Tgt Ion: 75 Resp: 47104

Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.9	62.8#



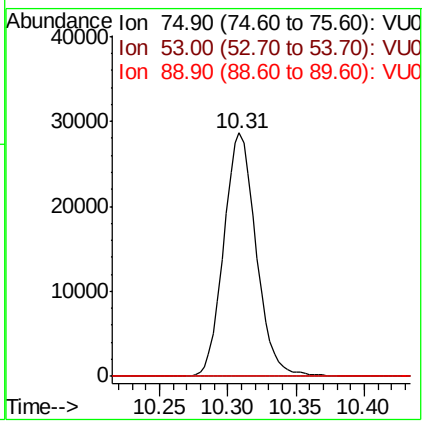


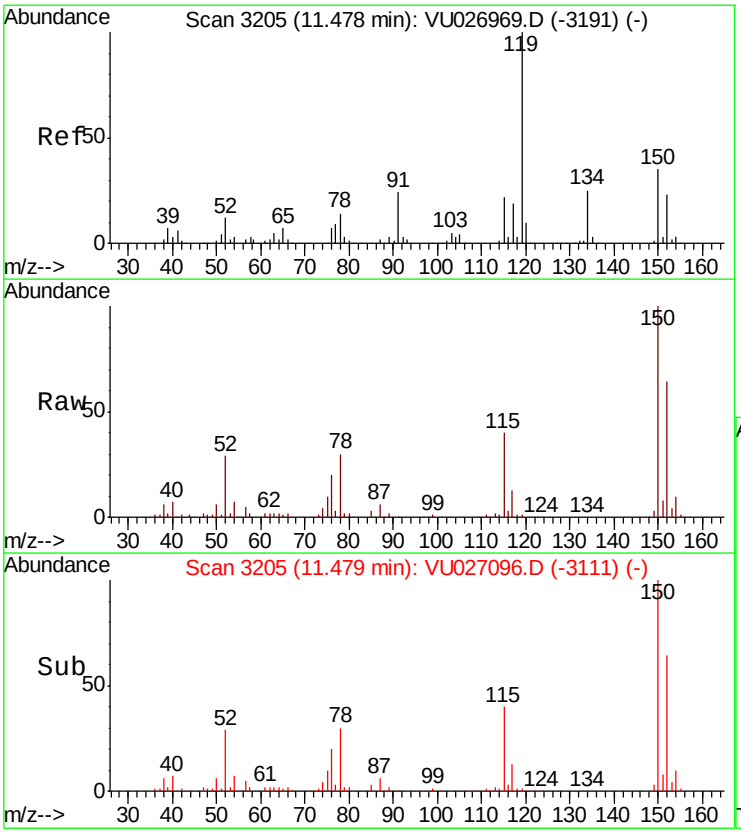
#81
trans-1,4-Dichloro-2-butene
Concen: 69.479 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Instrument :
MSVOA_U
ClientSampleId :
EB01-20180917

Tgt Ion: 75 Resp: 47104

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

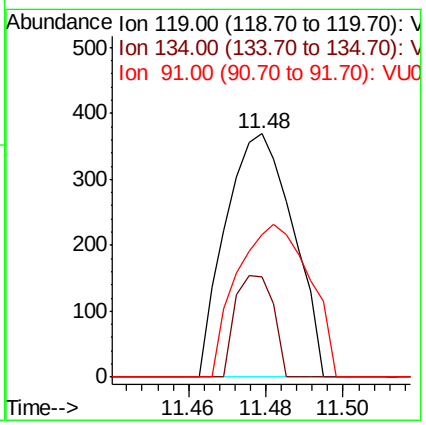


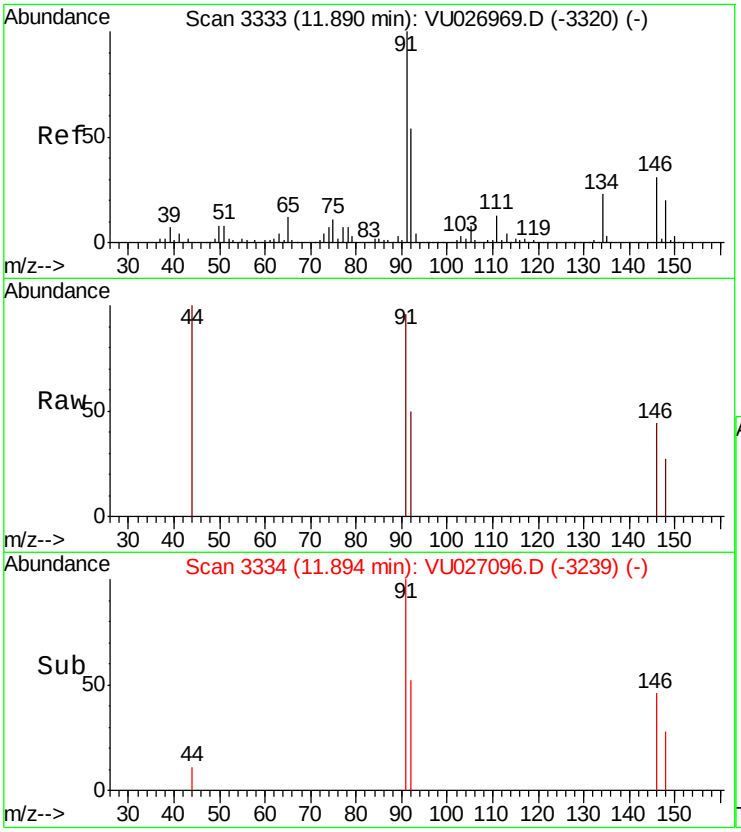


#86
p-Isopropyltoluene
Concen: 1.014 ug/l
RT: 11.48 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Tgt Ion:119 Resp: 445

Ion	Ratio	Lower	Upper
119	100		
134	23.6	12.8	38.3
91	67.9	12.3	36.8#



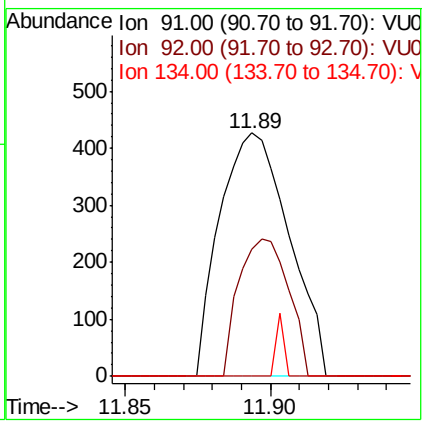


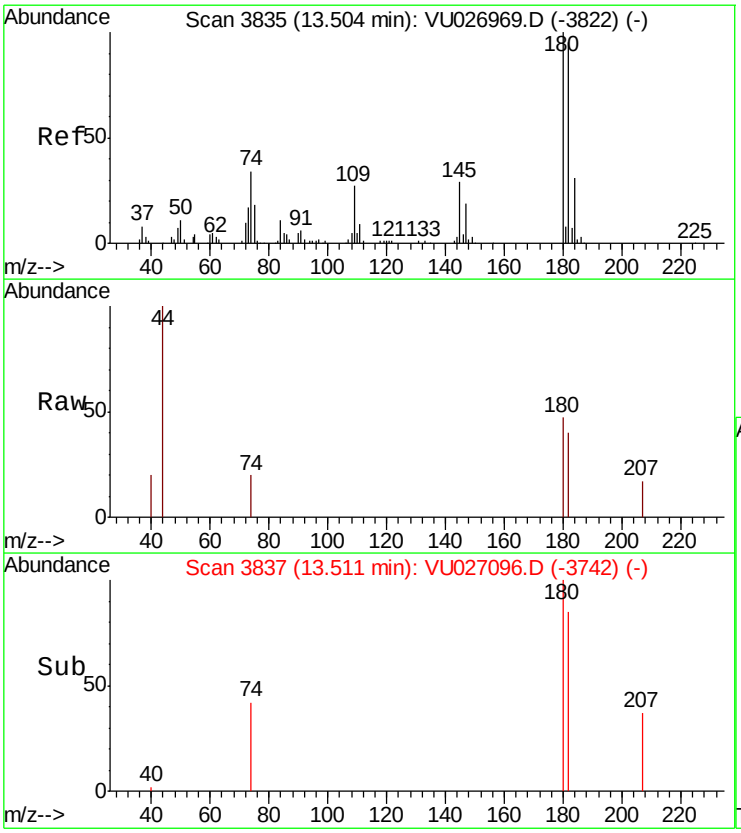
#89
n-Butylbenzene
Concen: 2.530 ug/l
RT: 11.89 min Scan# 3334
Delta R.T. 0.00 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Instrument : MSVOA_U
ClientSampleId : EB01-20180917

Tgt Ion: 91 Resp: 711

Ion	Ratio	Lower	Upper
91	100		
92	40.2	27.1	81.2
134	3.0	11.7	35.0#

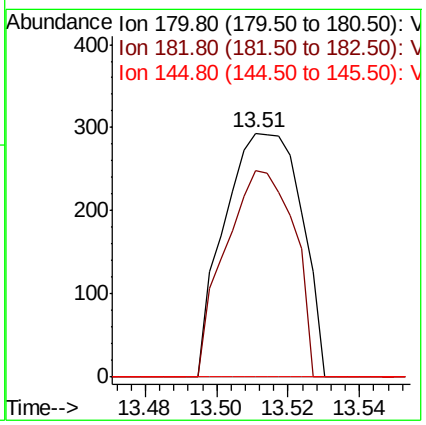


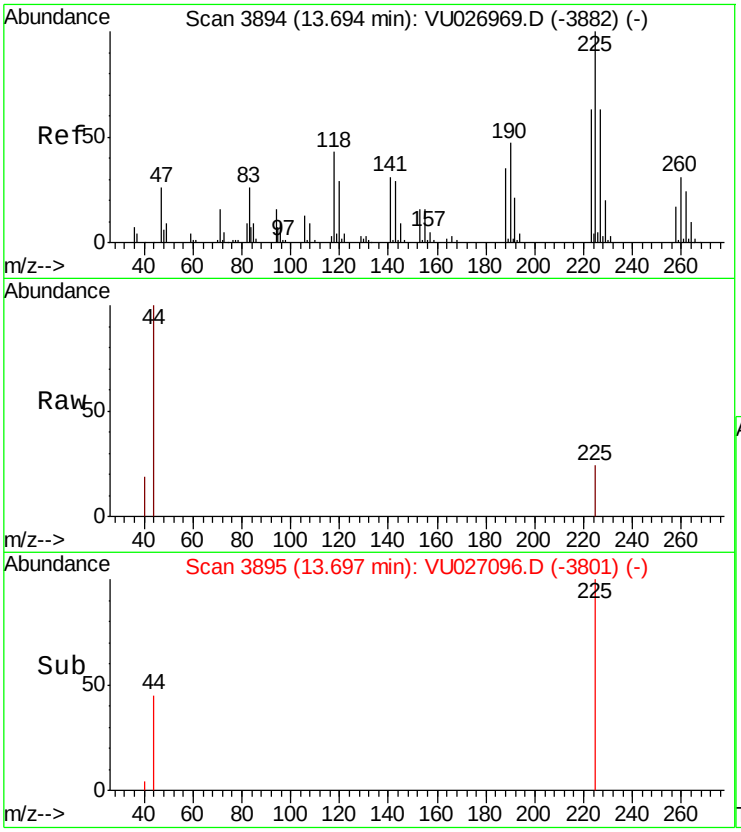


#93
1,2,4-Trichlorobenzene
Concen: 0.288 ug/l
RT: 13.51 min Scan# 3837
Delta R.T. 0.01 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Tgt Ion:180 Resp: 436

Ion	Ratio	Lower	Upper
180	100		
182	75.5	47.4	142.2
145	0.0	14.9	44.5#



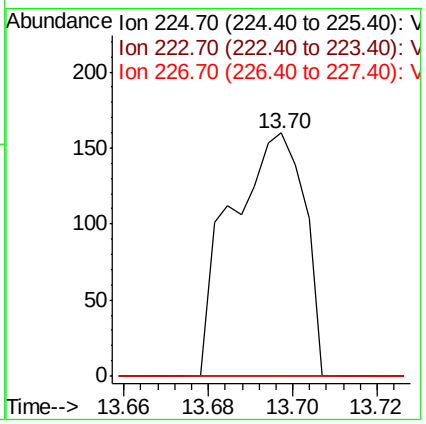


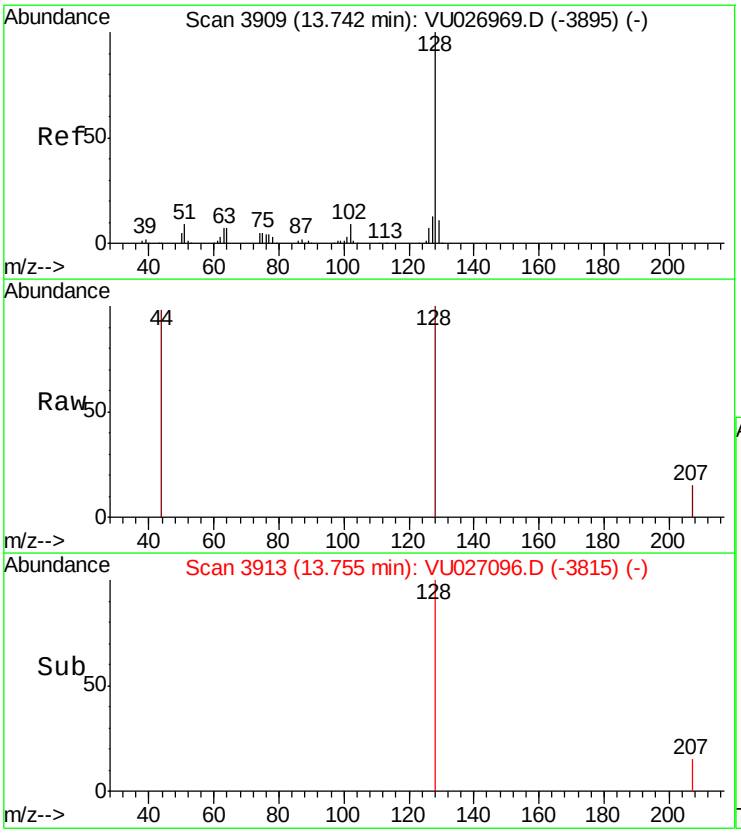
#94
Hexachlorobutadiene
Concen: 0.241 ug/l
RT: 13.70 min Scan# 3895
Delta R.T. 0.00 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Instrument : MSVOA_U
ClientSampleId : EB01-20180917

Tgt Ion:225 Resp: 193

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.9	95.7#
227	0.0	32.1	96.5#

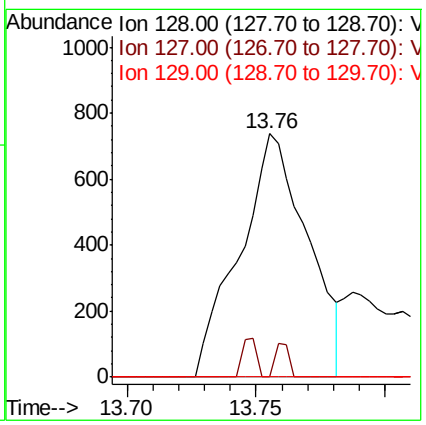


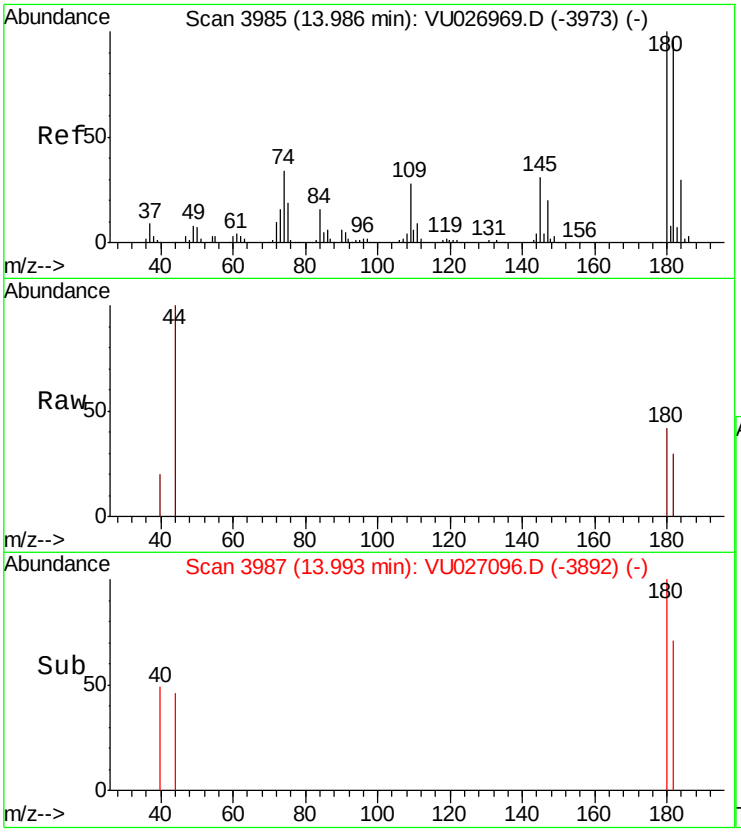


#95
Naphthalene
Concen: 1.910 ug/l
RT: 13.76 min Scan# 3913
Delta R.T. 0.01 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Tgt Ion:128 Resp: 1353

Ion	Ratio	Lower	Upper
128	100		
127	2.9	10.6	15.8#
129	0.0	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 0.379 ug/l
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU027096.D
Acq: 24 Sep 2018 10:20

Instrument :
MSVOA_U
ClientSampleId :
EB01-20180917

Tgt Ion:180 Resp: 614

Ion	Ratio	Lower	Upper
180	100		
182	43.5	47.5	142.5#
145	0.0	15.4	46.4#