Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092818\
Data File : VU027290.D
Acq On : 28 Sep 2018 23:14
Operator : MD/SY
Sample : PB113306ZHE#01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : PB113306ZHE#01

Quant Time: Sep 29 00:11:20 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	121051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	202038	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	195376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	95487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	111685	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.68%			
35) Dibromofluoromethane	4.89	113	81251	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.80%			
50) Toluene-d8	7.57	98	321251	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.26%			
62) 4-Bromofluorobenzene	10.31	95	107814	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.16%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.83	59	352	0.630	ug/l #	72
16) Acetone	2.32	43	15211	Below Cal		99
18) Methyl Acetate	2.62	43	3608	1.040	ug/l	93
20) Methylene Chloride	2.70	84	10510	4.817	ug/l	94
25) 2-Butanone	4.28	43	2649	1.294	ug/l	98
29) Tetrahydrofuran	4.65	42	932	0.752	ug/l #	42
31) Cyclohexane	4.98	56	2975	0.247	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	10437	3.871	ug/l #	50
37) Ethyl Acetate	4.28	43	2649	0.726	ug/l #	70
38) Carbon Tetrachloride	4.99	117	12285	4.788	ug/l #	17
41) Methacrylonitrile	4.66	41	429	0.226	ug/l #	48
43) Isopropyl Acetate	5.55	43	130474	24.509	ug/l	99
48) Methyl methacrylate	6.53	41	4616	2.573	ug/l #	25
51) 4-Methyl-2-Pentanone	7.46	43	1232	0.344	ug/l #	83
54) cis-1,3-Dichloropropene	7.42	75	684	0.203	ug/l #	62
56) Ethyl methacrylate	7.78	69	1185	2.521	ug/l #	55
59) 2-Hexanone	8.31	43	1156	0.412	ug/l #	26
68) m/p-Xylenes	9.38	106	517	1.648	ug/l #	63
76) 1,2,3-Trichloropropane	10.31	75	56219	19.380	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	56219	62.020	ug/l #	100
89) n-Butylbenzene	11.89	91	69	2.402	ug/l #	33
95) Naphthalene	13.75	128	465	1.746	ug/l #	69

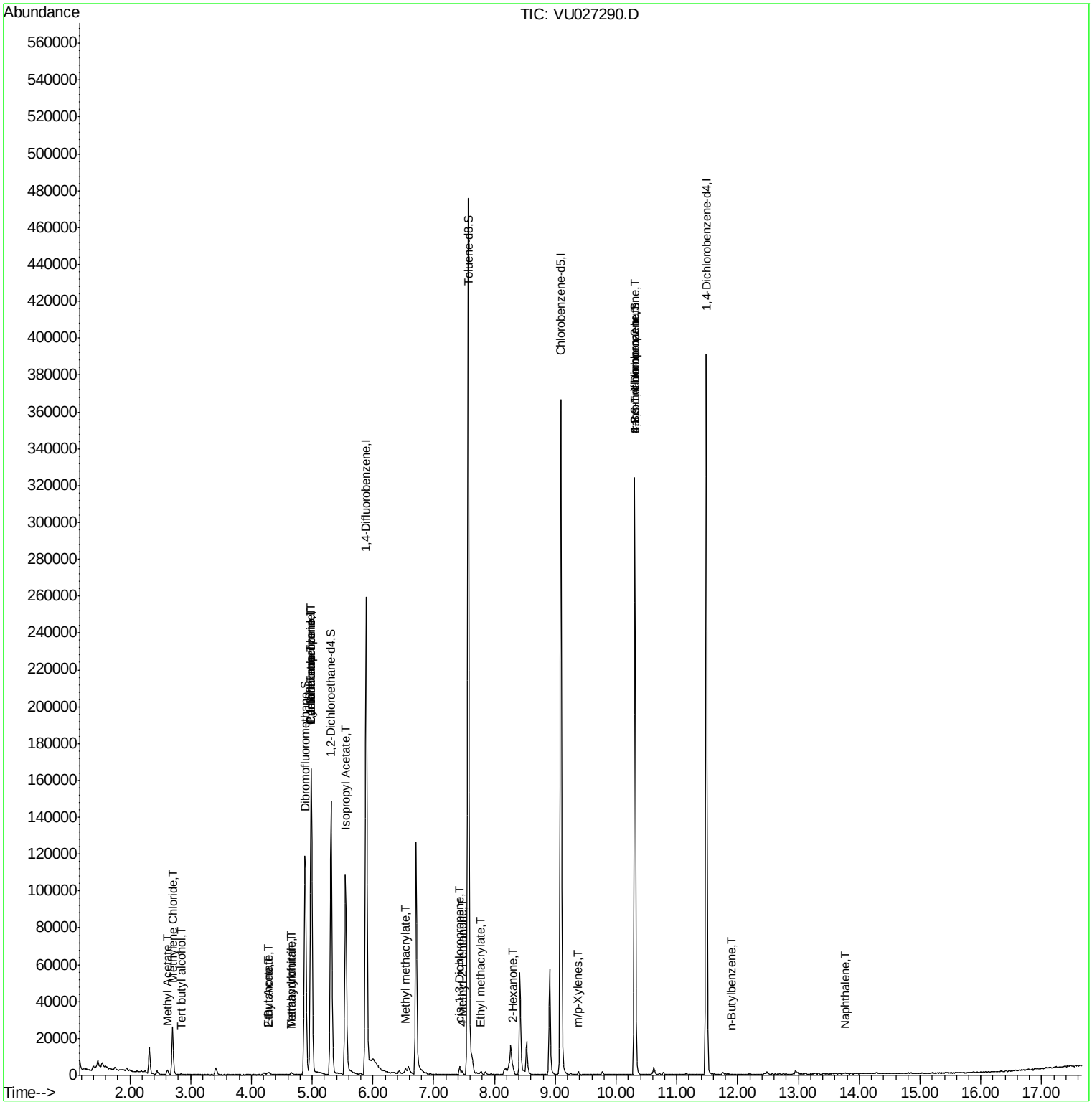
(#) = qualifier out of range (m) = manual integration (+) = signals summed

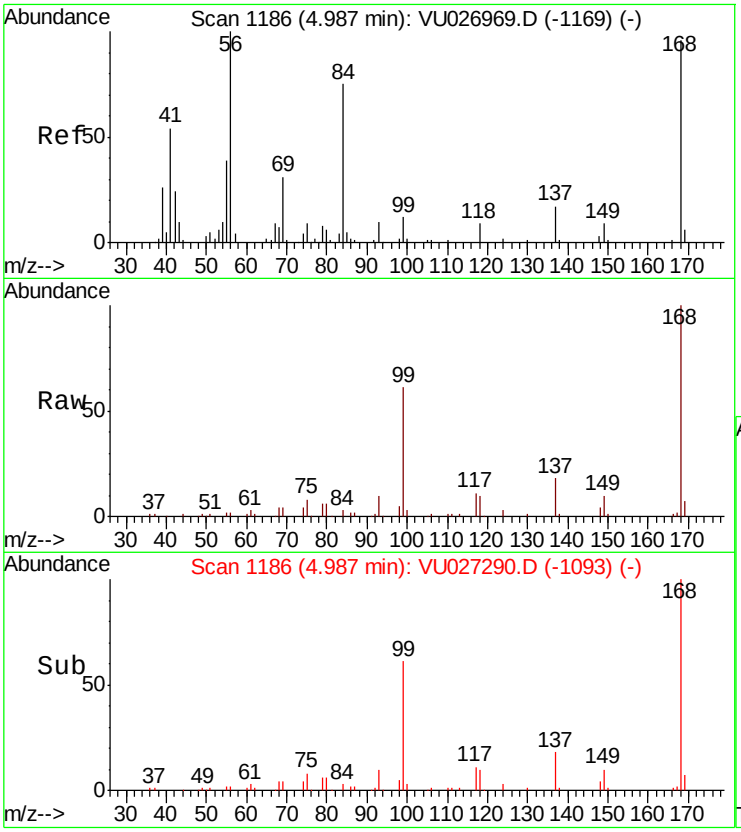
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092818\
Data File : VU027290.D
Acq On : 28 Sep 2018 23:14
Operator : MD/SY
Sample : PB113306ZHE#01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PB113306ZHE#01

Quant Time: Sep 29 00:11:20 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



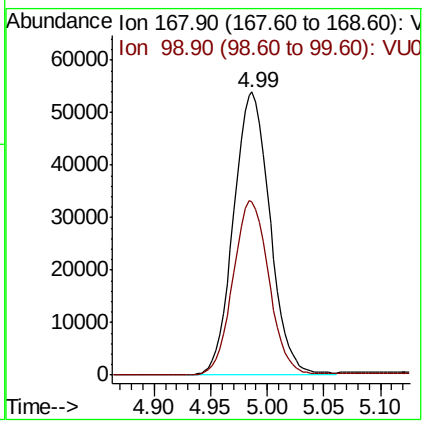


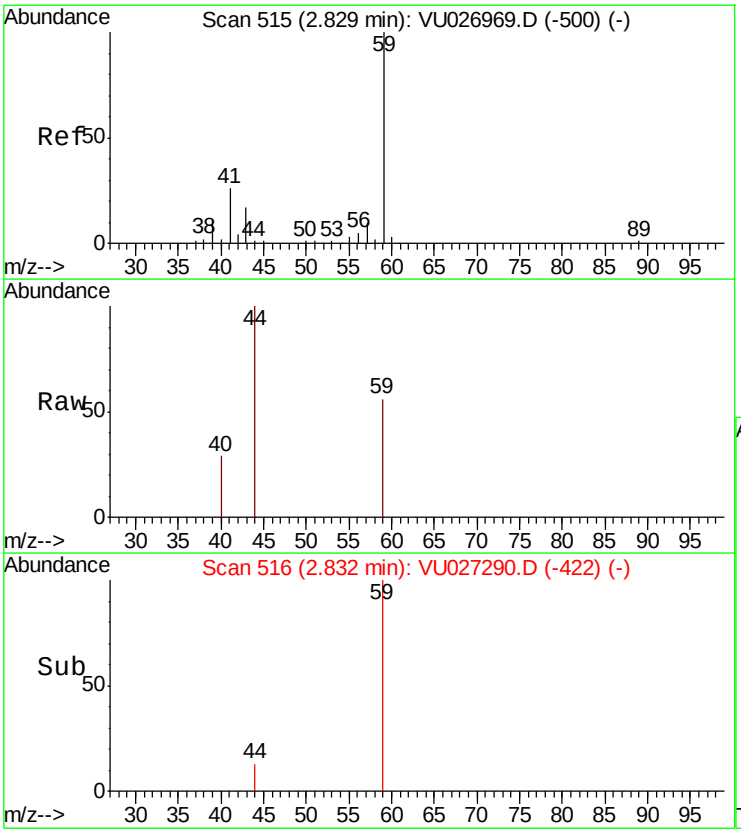
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Instrument :
MSVOA_U
ClientSampleId :
PB113306ZHE#01

Tgt Ion:168 Resp: 121051

Ion	Ratio	Lower	Upper
168	100		
99	61.3	48.1	72.1

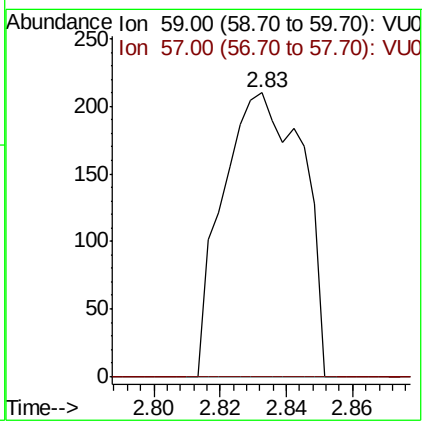


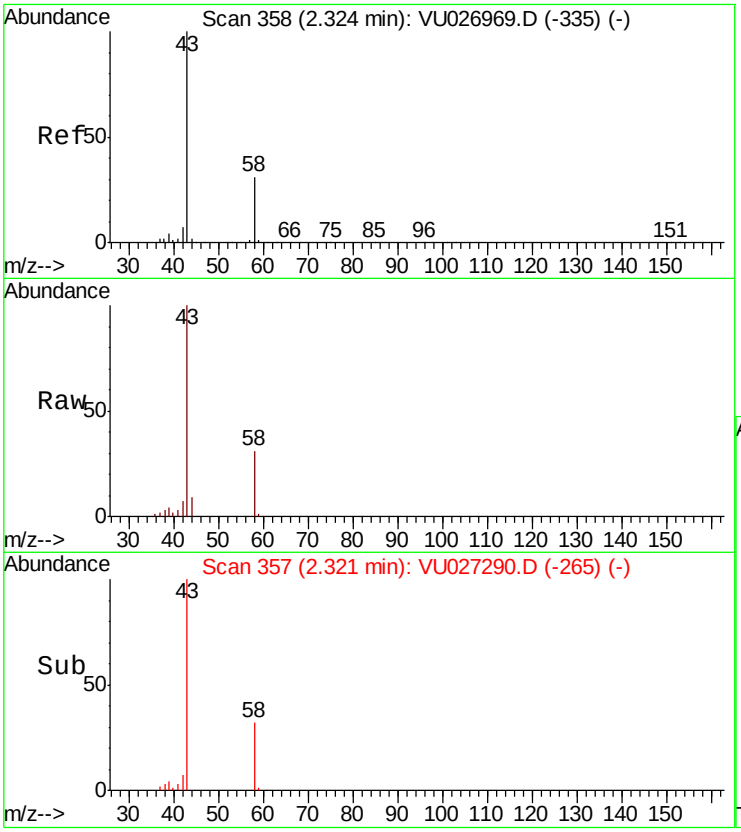


#11
Tert butyl alcohol
Concen: 0.630 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Tgt Ion: 59 Resp: 352

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



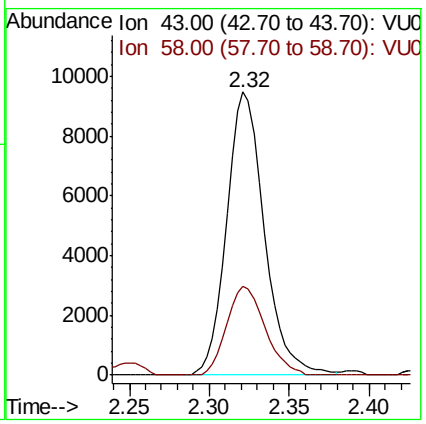


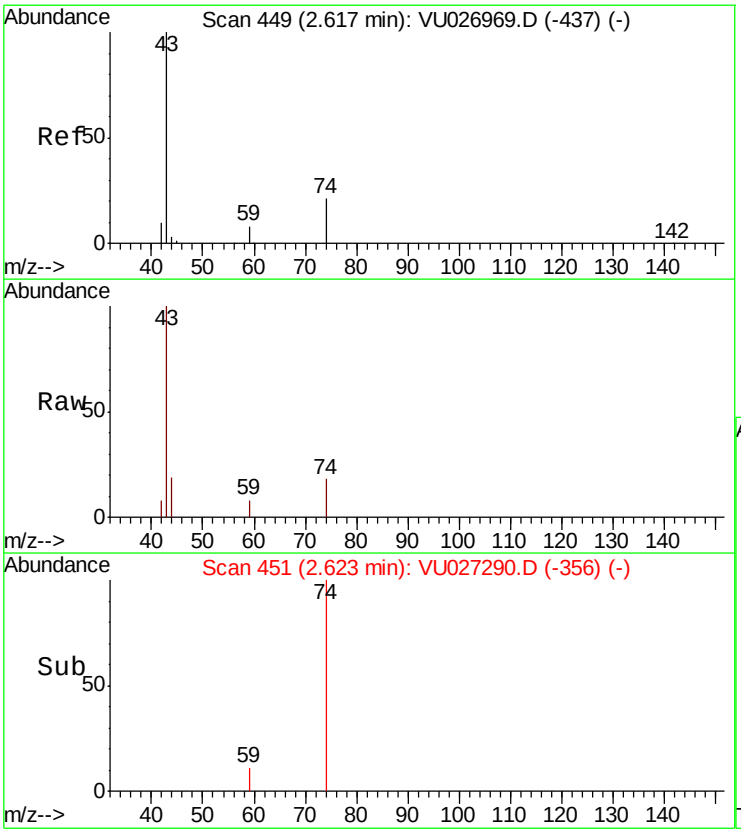
#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Instrument : MSVOA_U
ClientSampleId : PB113306ZHE#01

Tgt Ion: 43 Resp: 15211

Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.6	36.8

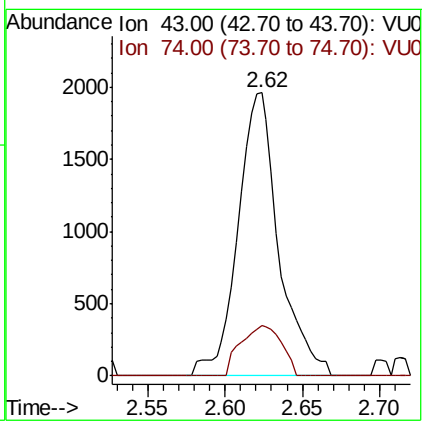


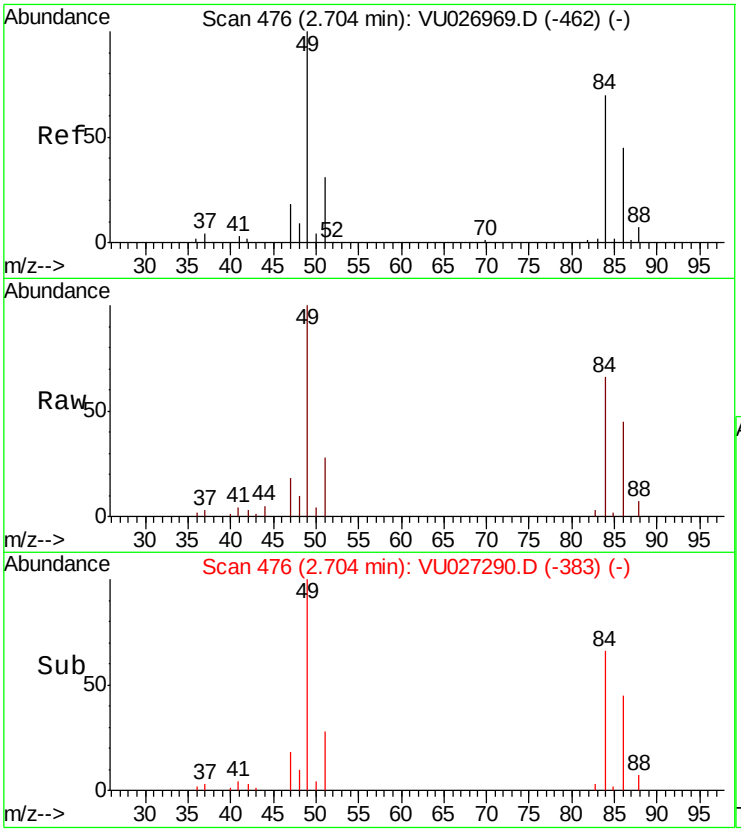


#18
Methyl Acetate
Concen: 1.040 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Tgt Ion: 43 Resp: 3608

Ion	Ratio	Lower	Upper
43	100		
74	17.7	16.6	25.0



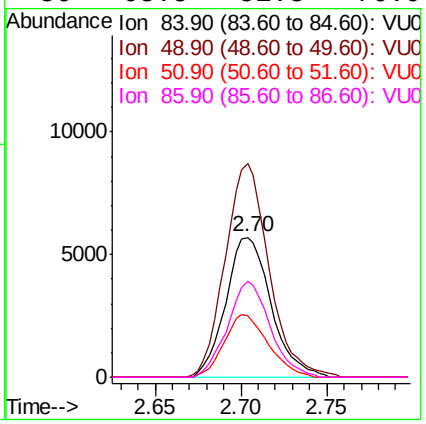


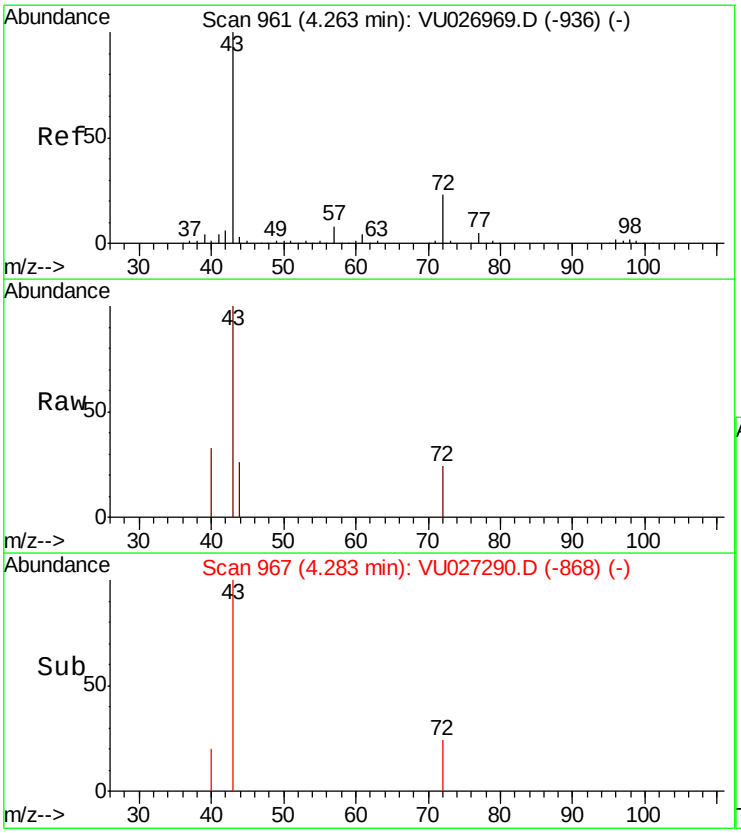
#20
Methylene Chloride
Concen: 4.817 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Instrument :
MSVOA_U
ClientSampleId :
PB113306ZHE#01

Tgt Ion: 84 Resp: 10510

Ion	Ratio	Lower	Upper
84	100		
49	152.5	114.9	172.3
51	43.5	35.8	53.8
86	68.5	51.3	76.9

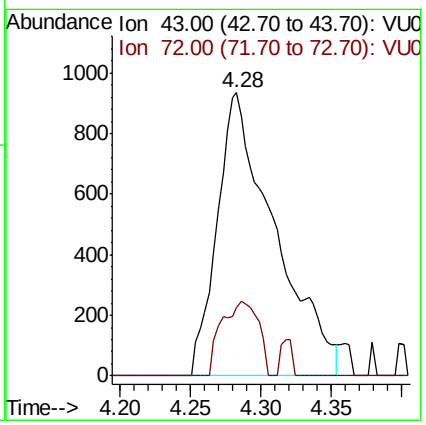


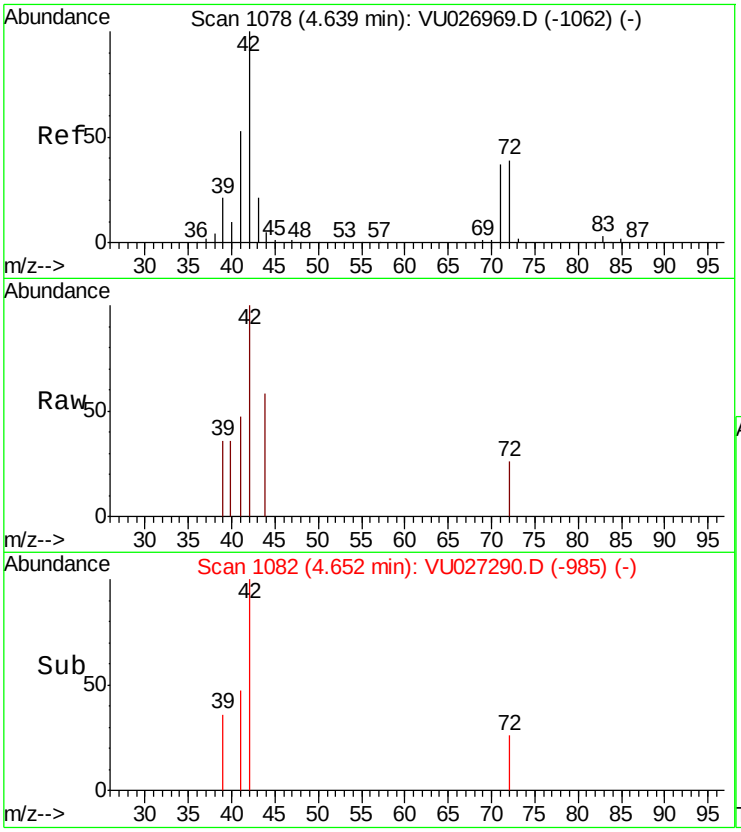


#25
2-Butanone
Concen: 1.294 ug/l
RT: 4.28 min Scan# 967
Delta R.T. 0.02 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Tgt Ion: 43 Resp: 2649

Ion	Ratio	Lower	Upper
43	100		
72	24.2	18.4	27.6



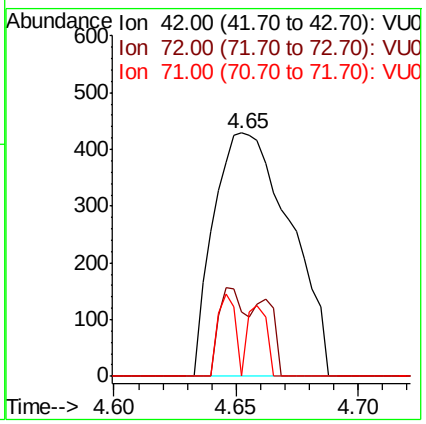


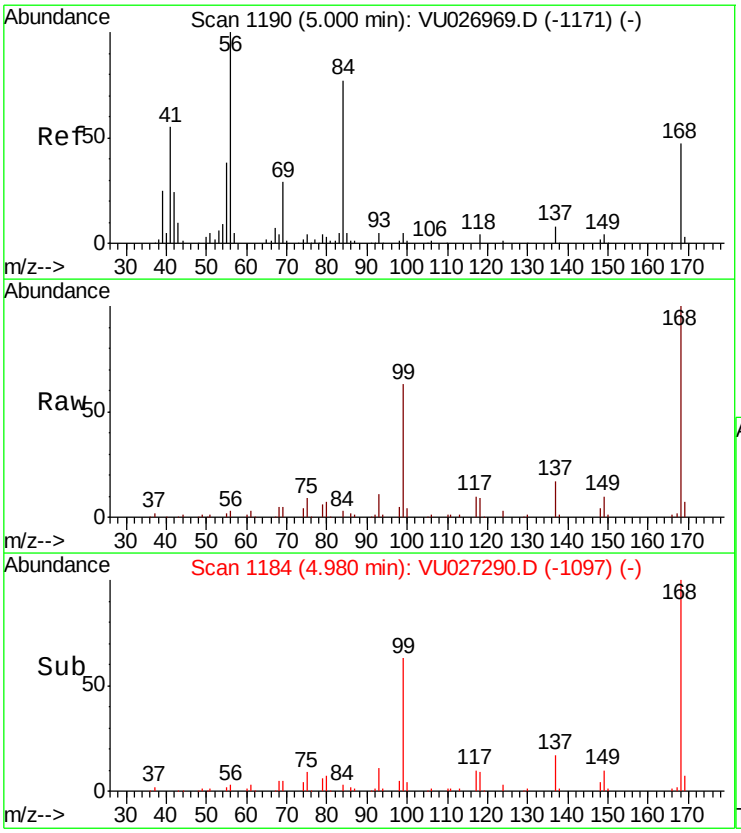
#29
Tetrahydrofuran
Concen: 0.752 ug/l
RT: 4.65 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Instrument : MSVOA_U
ClientSampleId : PB113306ZHE#01

Tgt Ion: 42 Resp: 932

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.7	47.5#
71	7.1	29.6	44.4#

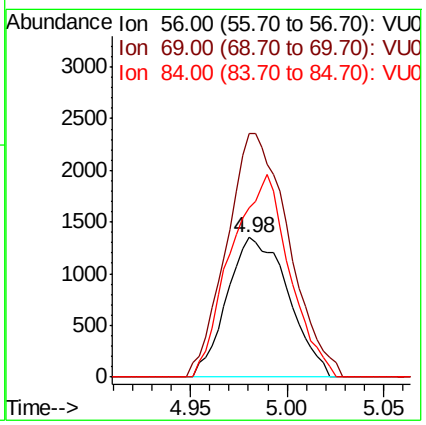


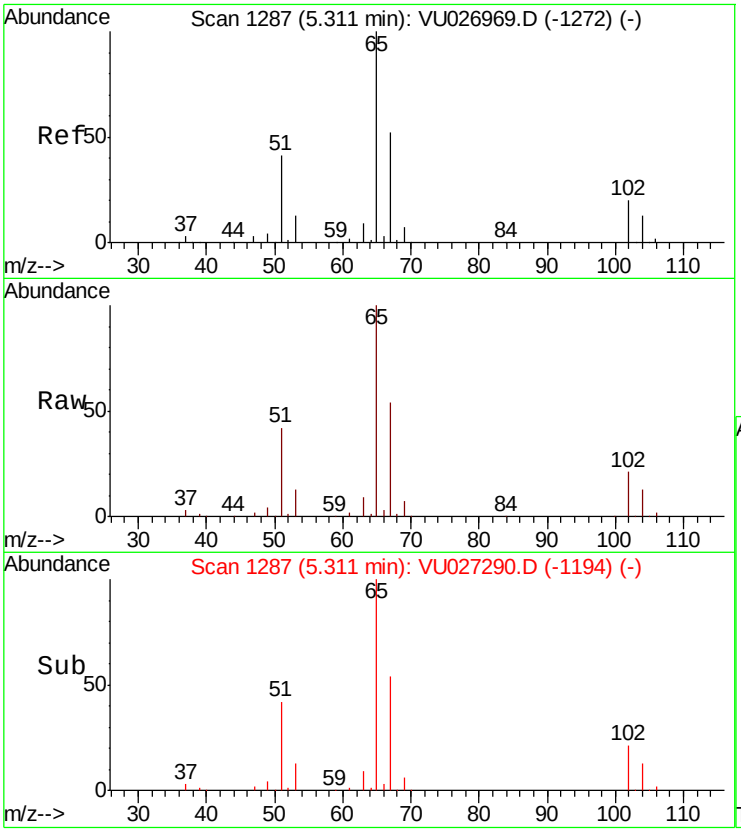


#31
Cyclohexane
Concen: 0.247 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Tgt Ion: 56 Resp: 2975

Ion	Ratio	Lower	Upper
56	100		
69	174.6	23.0	34.4#
84	121.5	61.4	92.2#



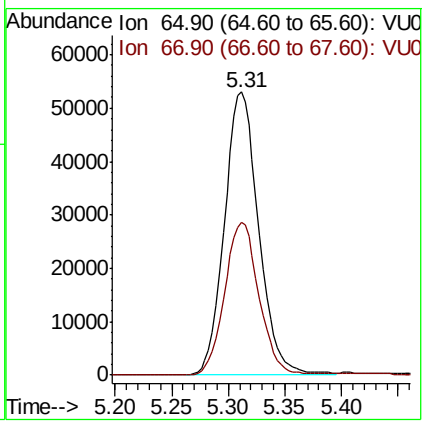


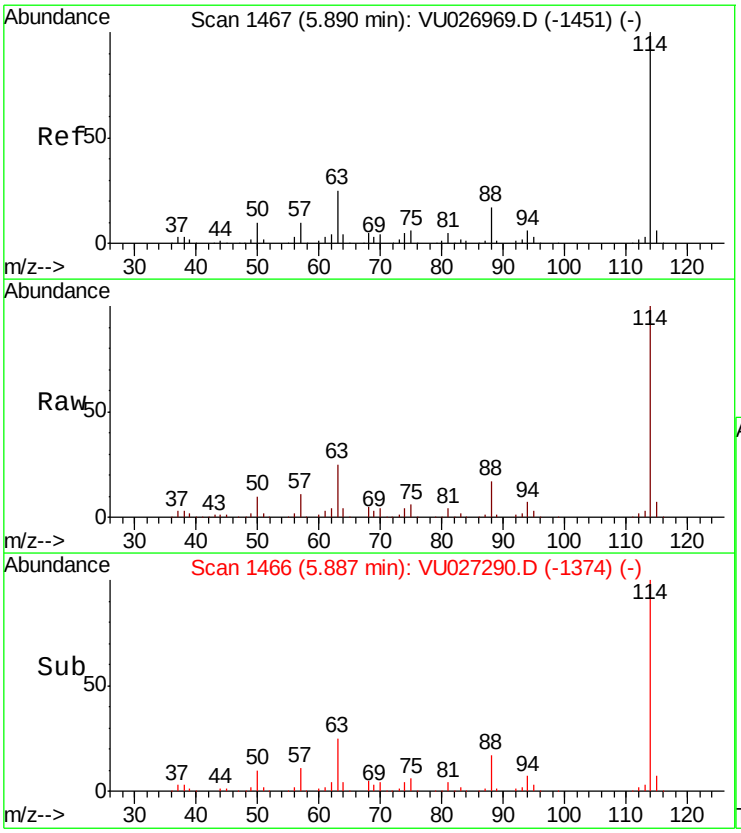
#33
1,2-Dichloroethane-d4
Concen: 45.841 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Instrument :
MSVOA_U
ClientSampleId :
PB113306ZHE#01

Tgt Ion: 65 Resp: 111685

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	105.6

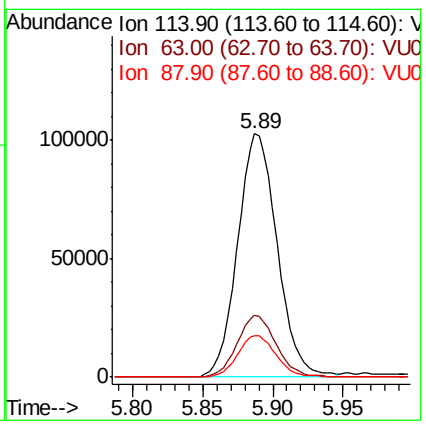


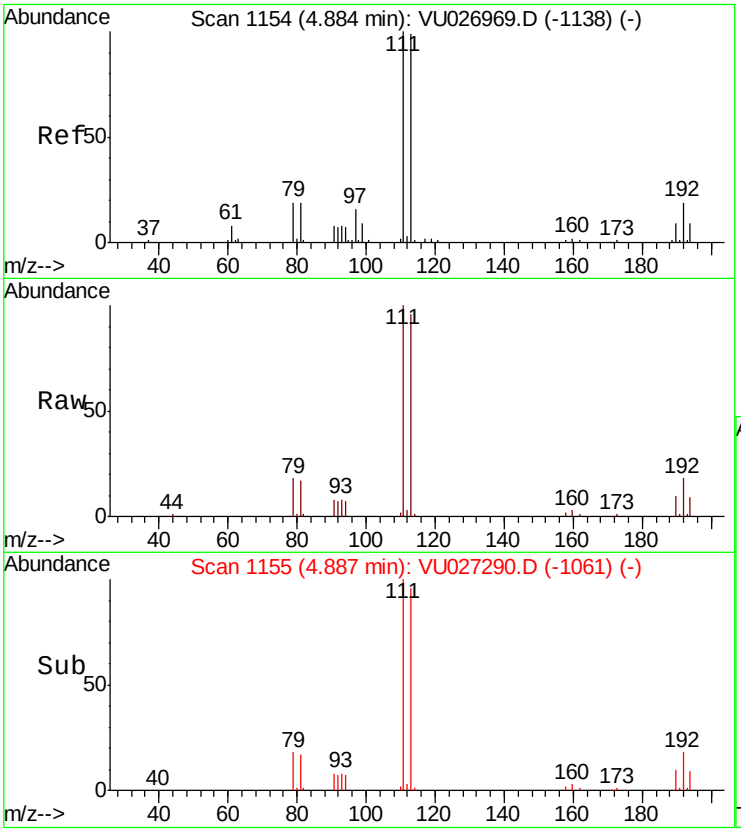


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. -0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Tgt Ion:114 Resp: 202038

Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	49.2
88	17.2	0.0	33.8



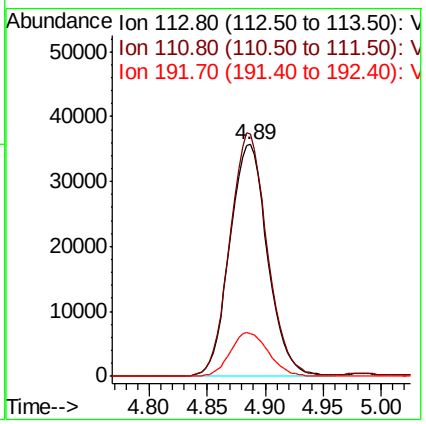


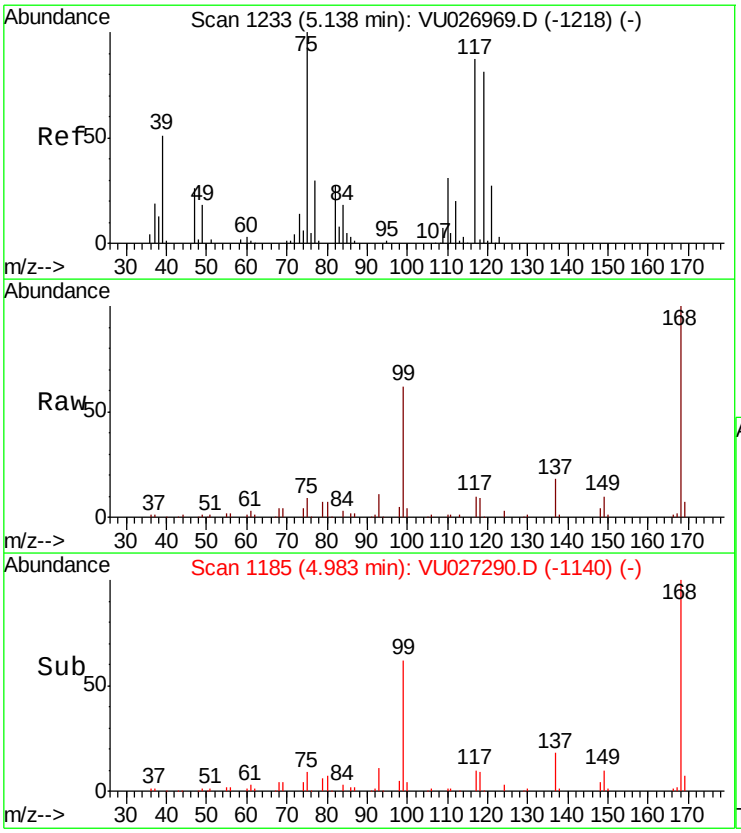
#35
Dibromofluoromethane
Concen: 46.395 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Instrument :
MSVOA_U
ClientSampleId :
PB113306ZHE#01

Tgt Ion:113 Resp: 81251

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	19.0	15.2	22.8

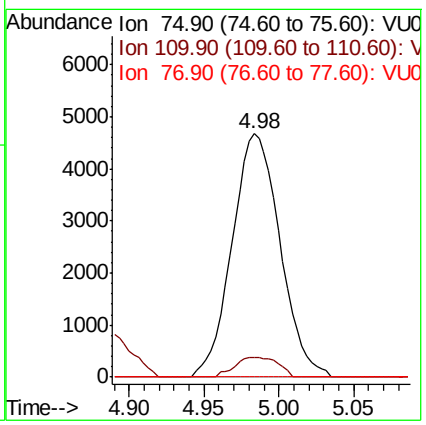


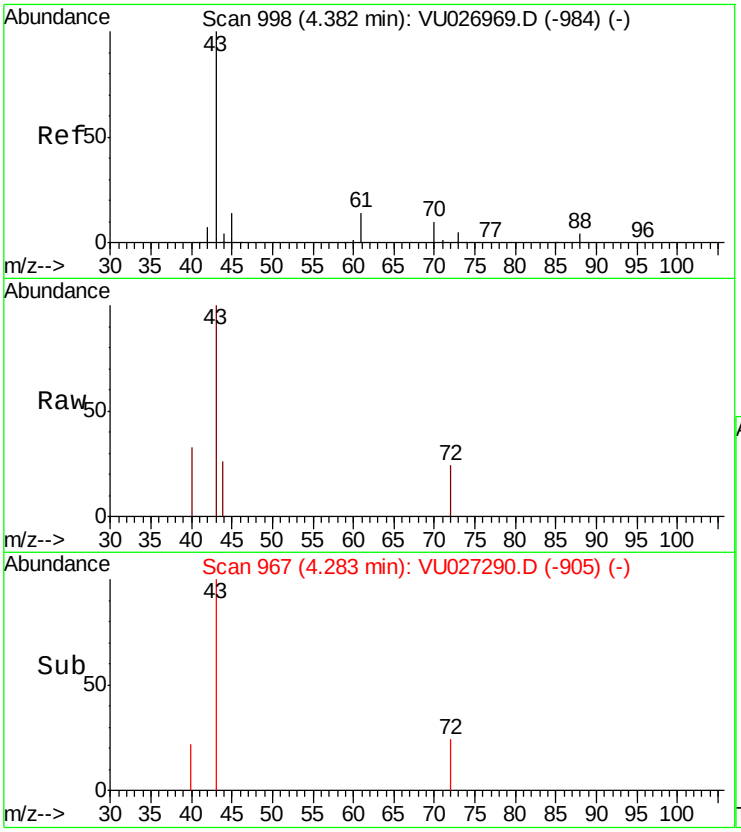


#36
1,1-Dichloropropene
Concen: 3.871 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Tgt Ion: 75 Resp: 10437

Ion	Ratio	Lower	Upper
75	100		
110	7.4	16.1	48.2#
77	0.0	24.6	36.8#



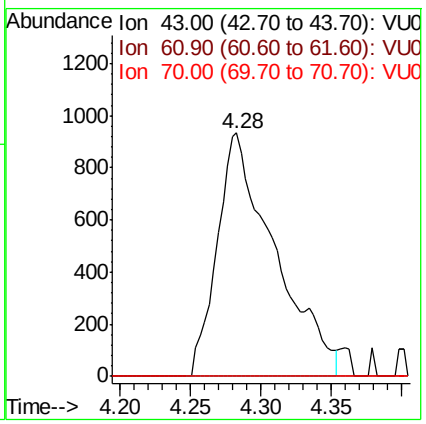


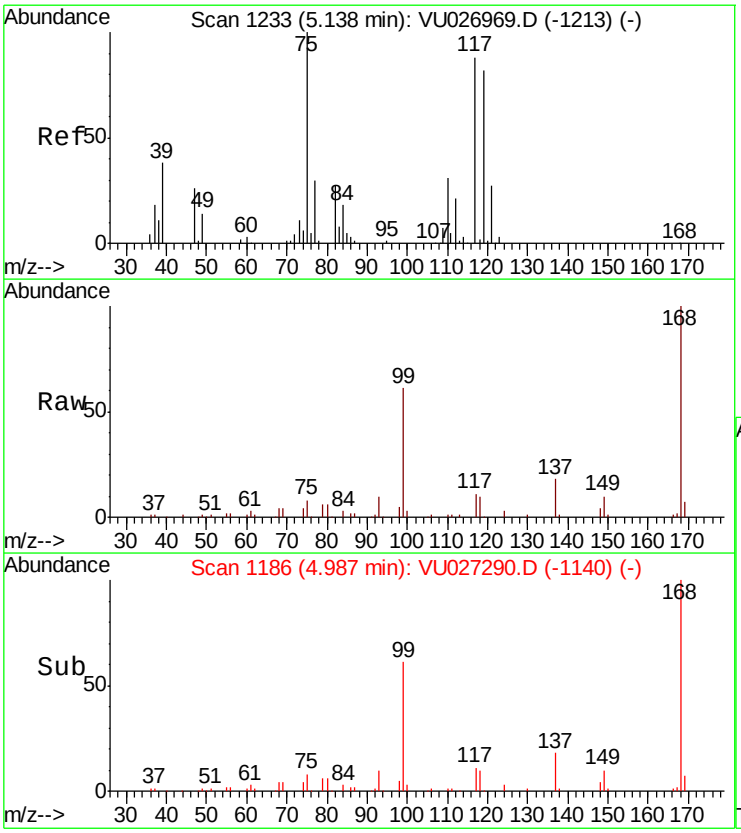
#37
Ethyl Acetate
Concen: 0.726 ug/l
RT: 4.28 min Scan# 967
Delta R.T. -0.10 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Instrument : MSVOA_U
ClientSampleId : PB113306ZHE#01

Tgt Ion: 43 Resp: 2649

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.5	15.7#
70	0.0	7.4	11.0#

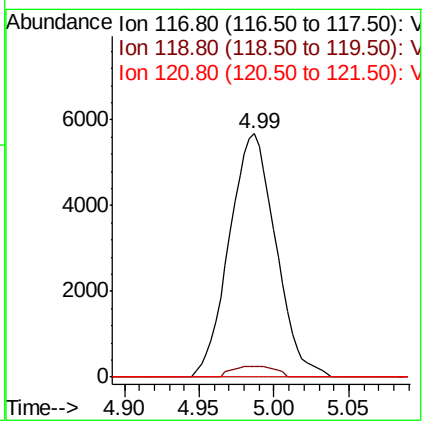


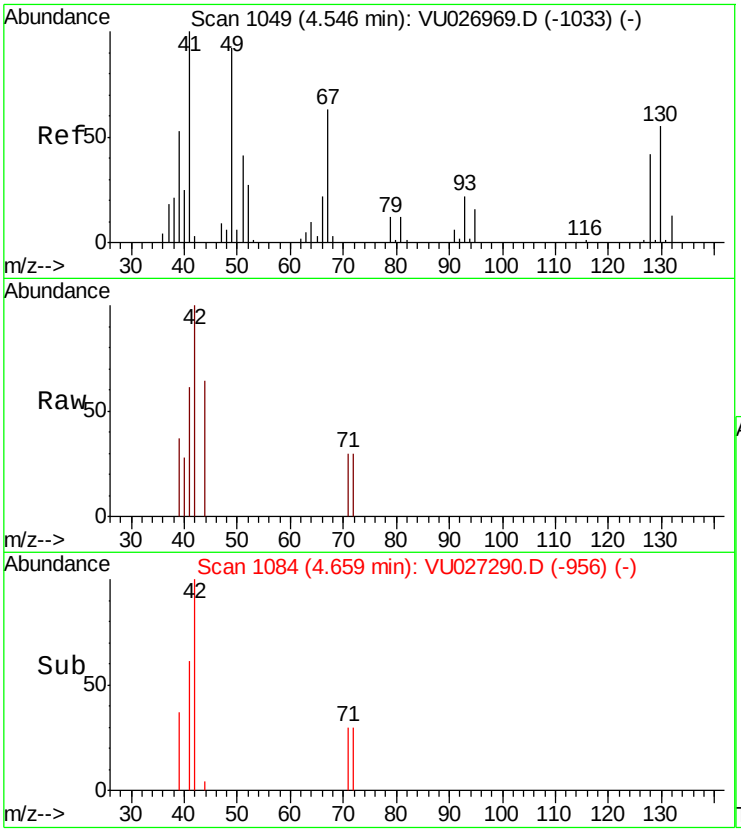


#38
Carbon Tetrachloride
Concen: 4.788 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Tgt Ion:117 Resp: 12285

Ion	Ratio	Lower	Upper
117	100		
119	4.4	74.4	111.6#
121	0.0	24.2	36.4#



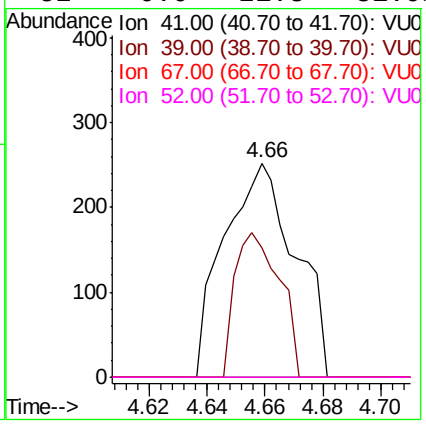


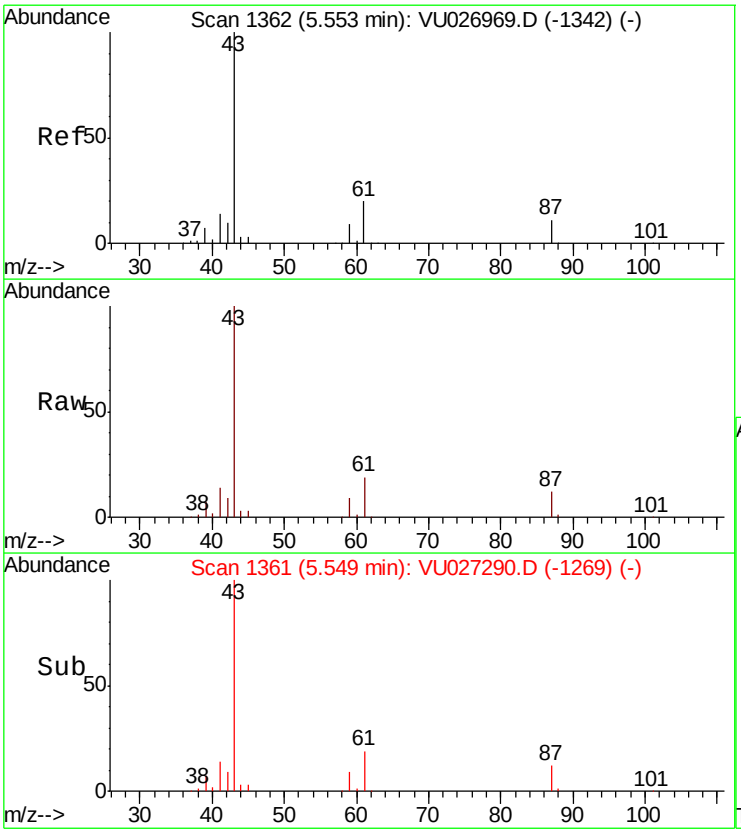
#41
Methacrylonitrile
Concen: 0.226 ug/l
RT: 4.66 min Scan# 1084
Delta R.T. 0.11 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Instrument : MSVOA_U
ClientSampleId : PB113306ZHE#01

Tgt Ion: 41 Resp: 429

Ion	Ratio	Lower	Upper
41	100		
39	42.4	42.9	64.3#
67	0.0	52.4	78.6#
52	0.0	21.3	31.9#

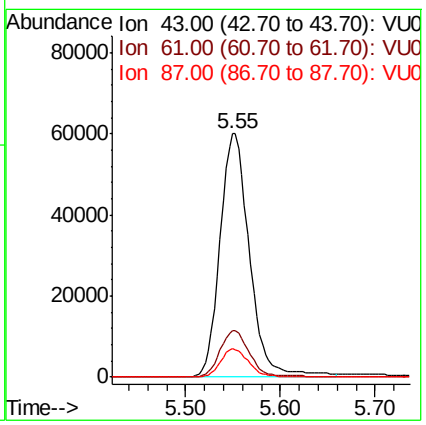


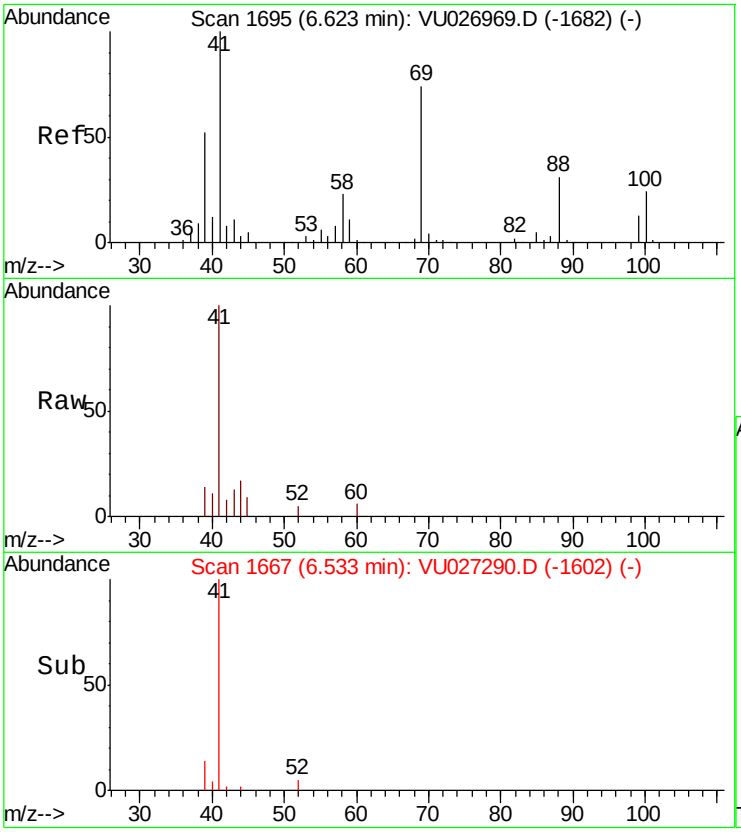


#43
Isopropyl Acetate
Concen: 24.509 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Tgt Ion: 43 Resp: 130474

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.7	23.5
87	11.1	9.0	13.4



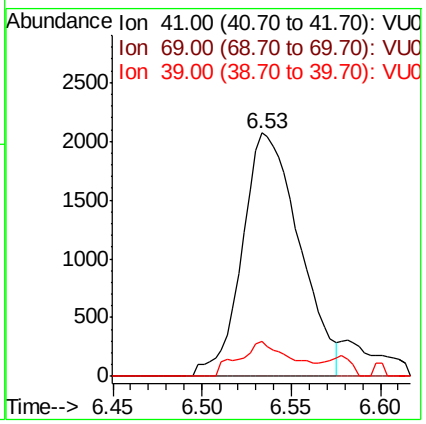


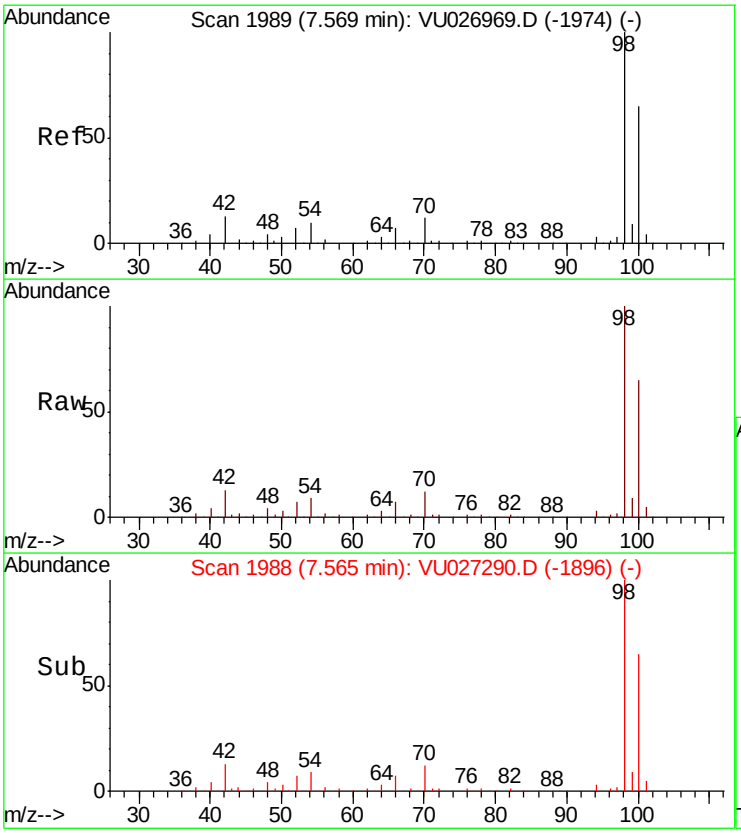
#48
Methyl methacrylate
Concen: 2.573 ug/l
RT: 6.53 min Scan# 1667
Delta R.T. -0.09 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Instrument : MSVOA_U
ClientSampleId : PB113306ZHE#01

Tgt Ion: 41 Resp: 4616

Ion	Ratio	Lower	Upper
41	100		
69	0.0	60.6	90.8#
39	13.1	42.8	64.2#

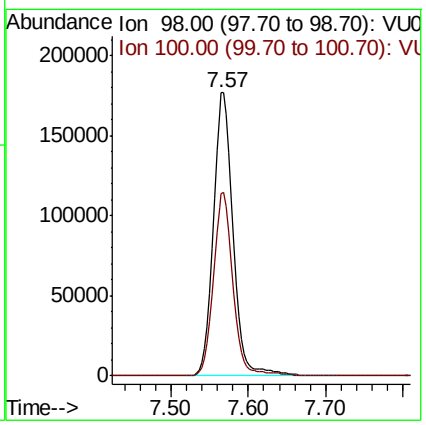


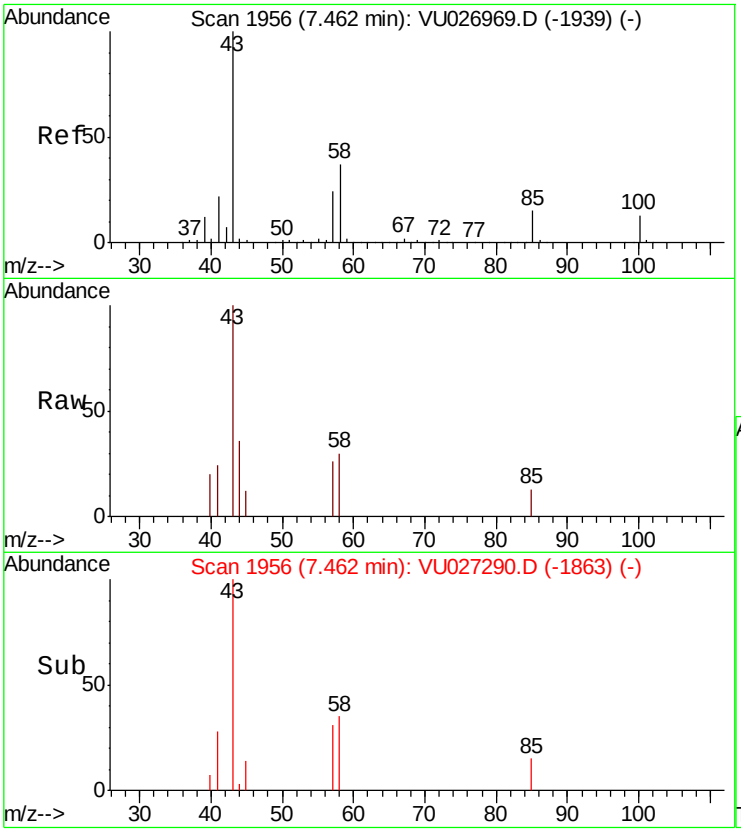


#50
Toluene-d8
Concen: 48.134 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Tgt Ion: 98 Resp: 321251

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.1	78.1



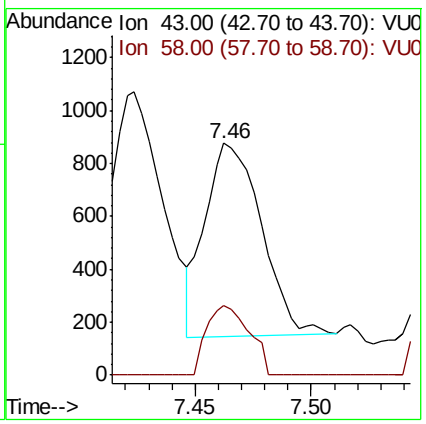


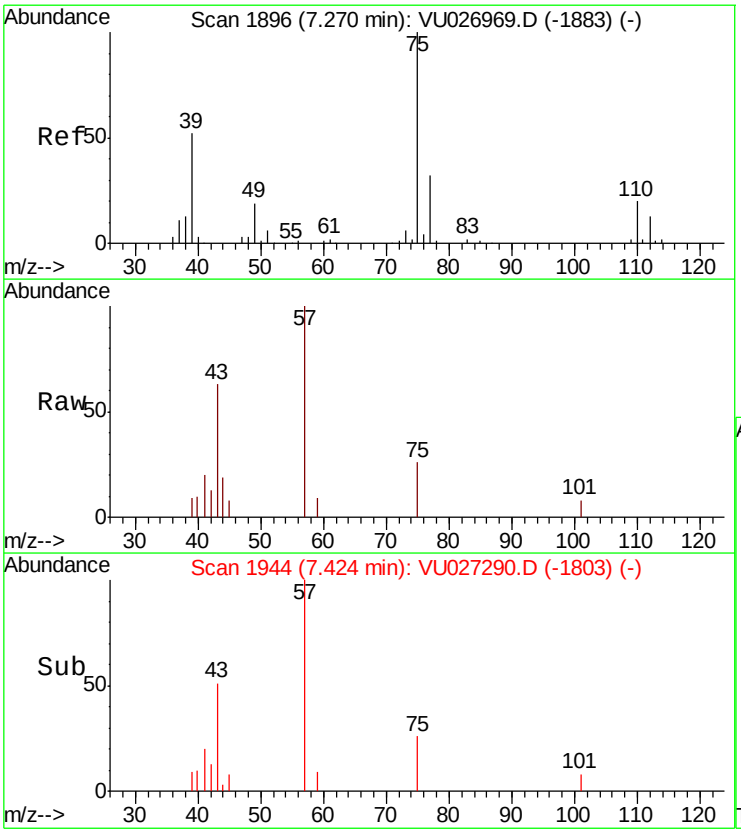
#51
4-Methyl-2-Pentanone
Concen: 0.344 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Instrument :
MSVOA_U
ClientSampleId :
PB113306ZHE#01

Tgt Ion: 43 Resp: 1232

Ion	Ratio	Lower	Upper
43	100		
58	27.3	29.8	44.6#

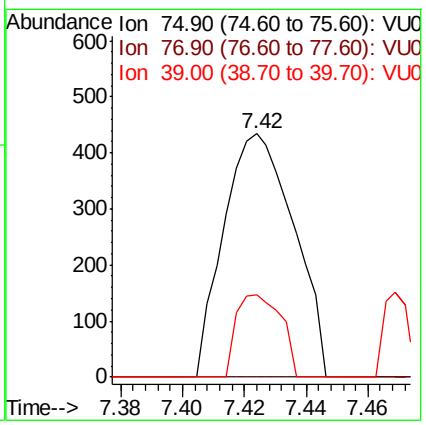


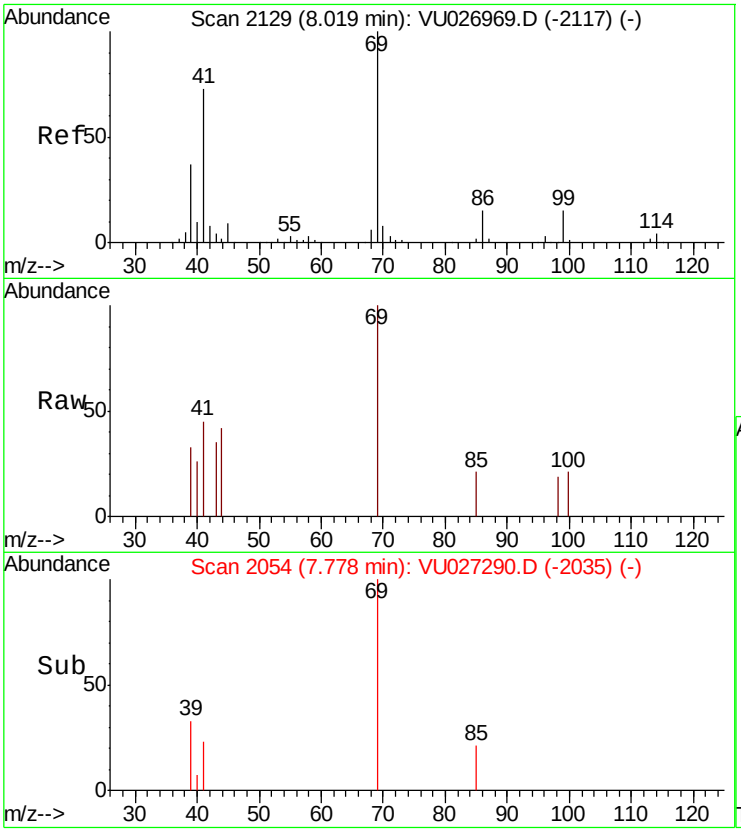


#54
cis-1,3-Dichloropropene
Concen: 0.203 ug/l
RT: 7.42 min Scan# 1944
Delta R.T. 0.15 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Tgt Ion: 75 Resp: 684

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#
39	33.6	41.6	62.4#



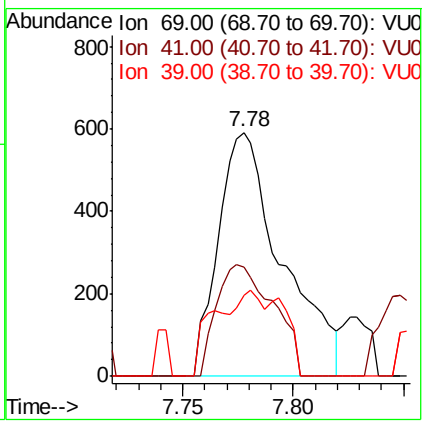


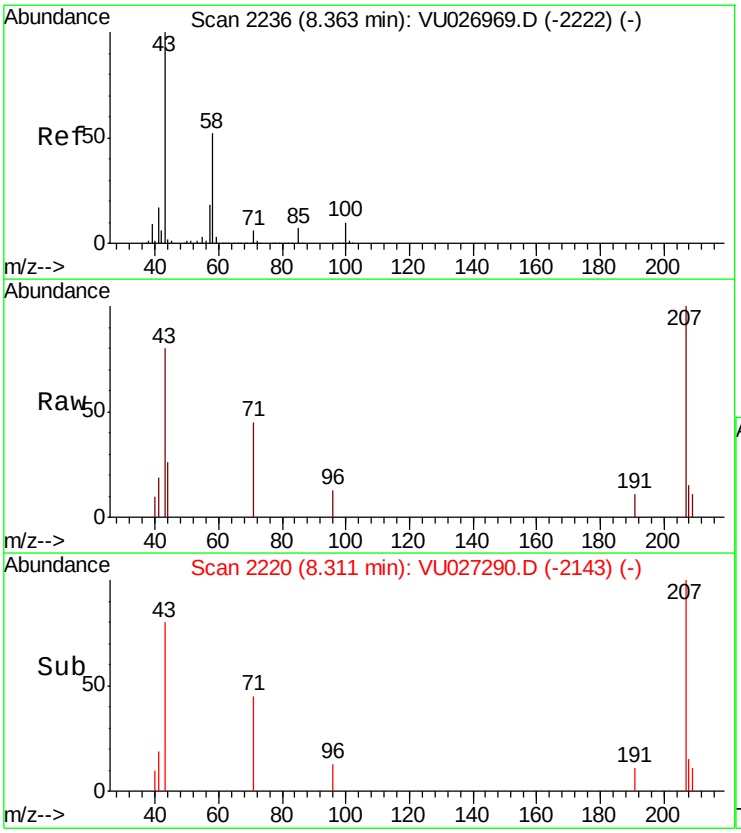
#56
Ethyl methacrylate
Concen: 2.521 ug/l
RT: 7.78 min Scan# 2054
Delta R.T. -0.24 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Instrument : MSVOA_U
ClientSampleId : PB113306ZHE#01

Tgt Ion: 69 Resp: 1185

Ion	Ratio	Lower	Upper
69	100		
41	40.6	59.0	88.4#
39	4.3	30.2	45.4#

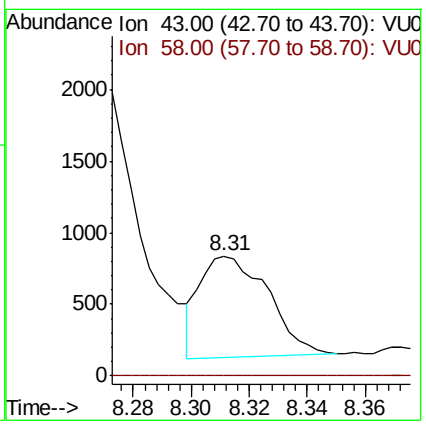


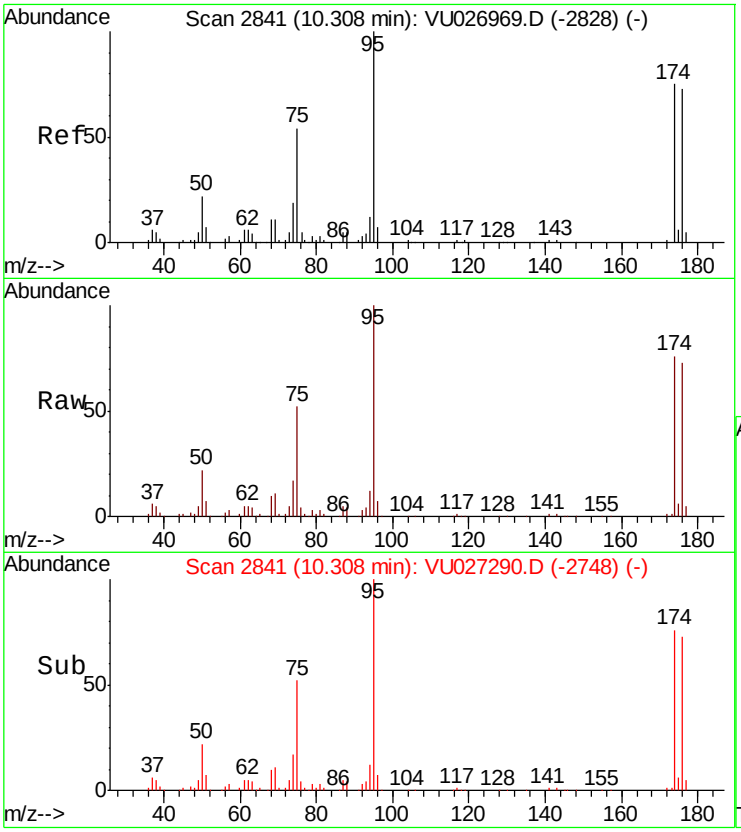


#59
2-Hexanone
Concen: 0.412 ug/l
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Tgt Ion: 43 Resp: 1156

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.1	78.2#



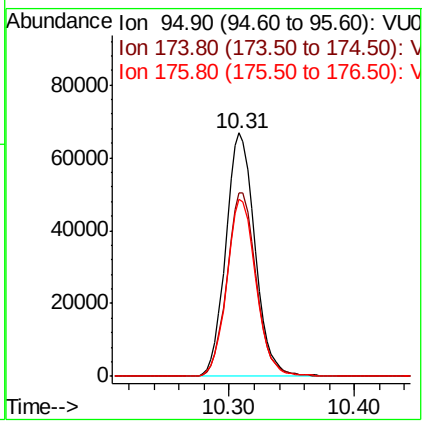


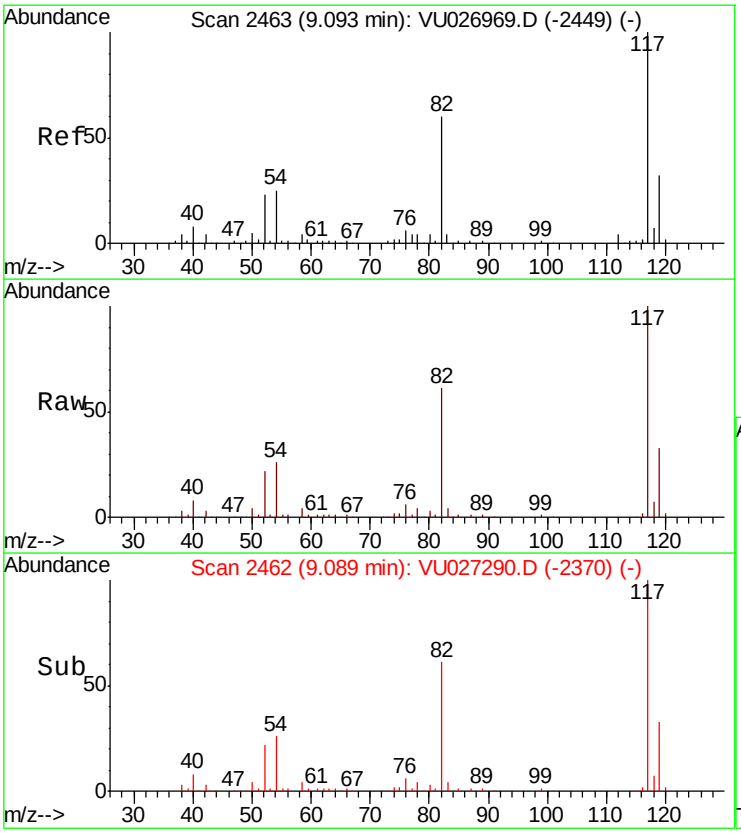
#62
4-Bromofluorobenzene
Concen: 47.078 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Instrument : MSVOA_U
ClientSampleId : PB113306ZHE#01

Tgt Ion: 95 Resp: 107814

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	150.2
176	73.0	0.0	145.2

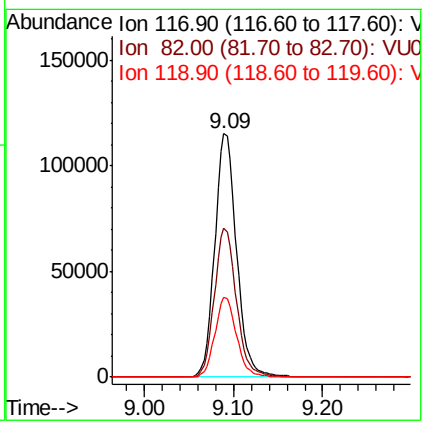


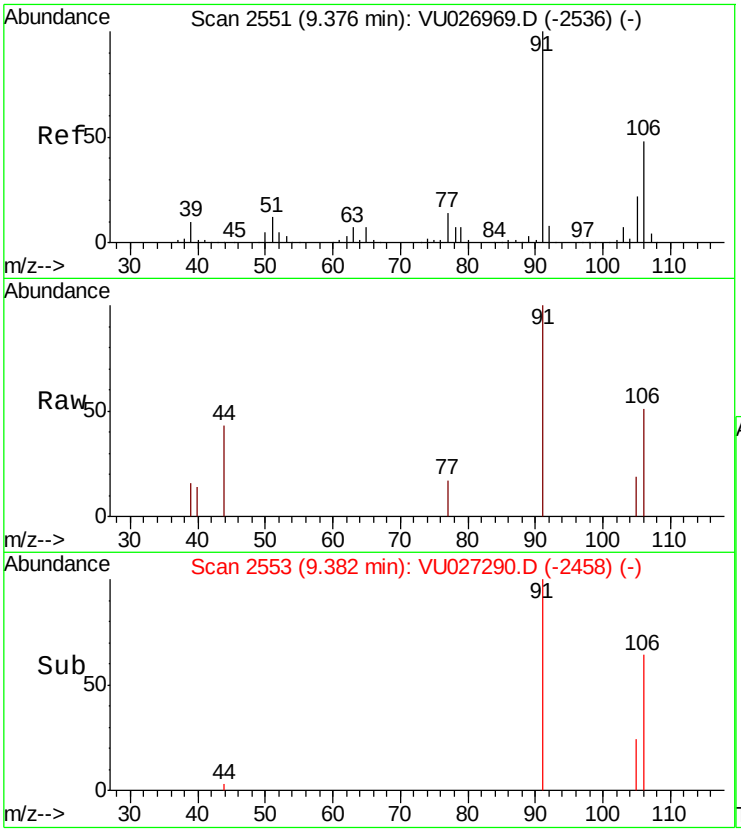


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Tgt Ion:117 Resp: 195376

Ion	Ratio	Lower	Upper
117	100		
82	61.2	48.0	72.0
119	32.5	25.8	38.8



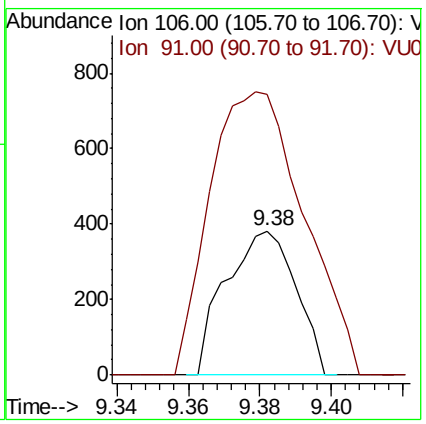


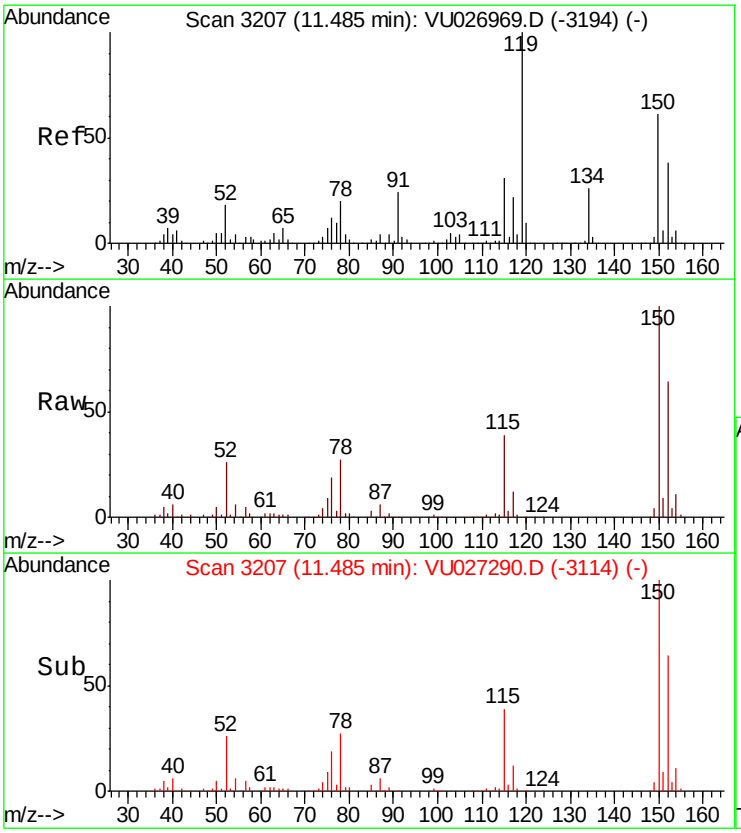
#68
m/p-Xylenes
Concen: 1.648 ug/l
RT: 9.38 min Scan# 2553
Delta R.T. 0.01 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Instrument : MSVOA_U
ClientSampleId : PB113306ZHE#01

Tgt Ion:106 Resp: 517

Ion	Ratio	Lower	Upper
106	100		
91	265.0	166.5	249.7#

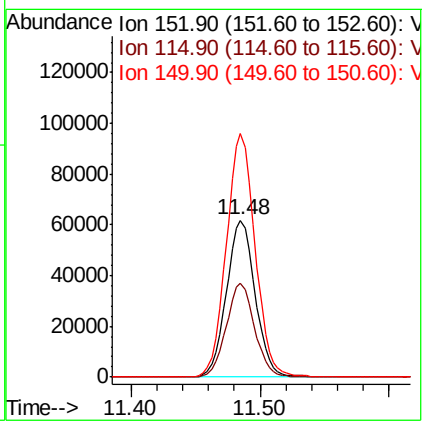


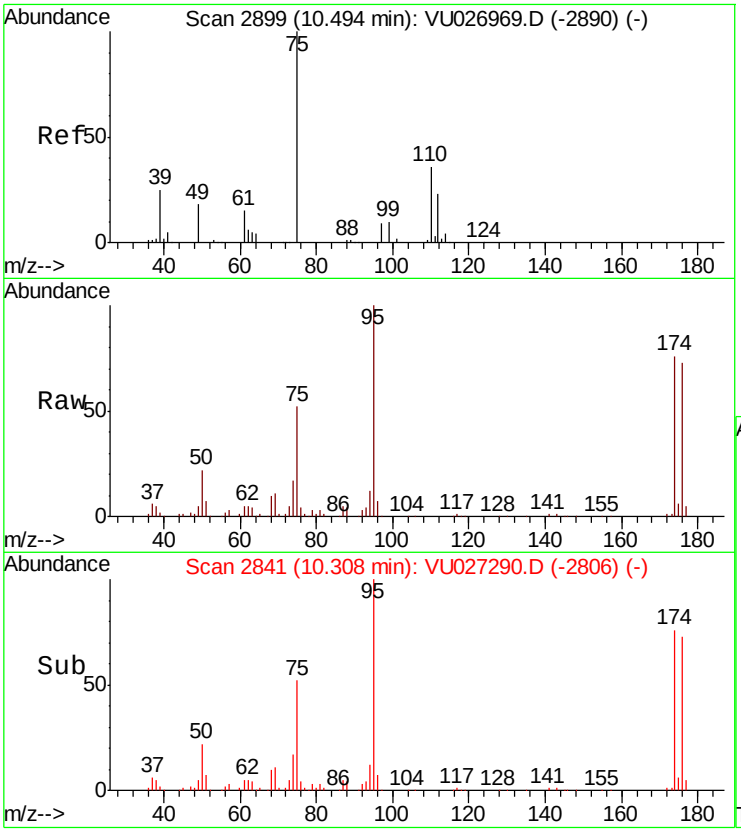


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Tgt Ion:152 Resp: 95487

Ion	Ratio	Lower	Upper
152	100		
115	58.9	44.9	134.5
150	155.5	0.0	355.8



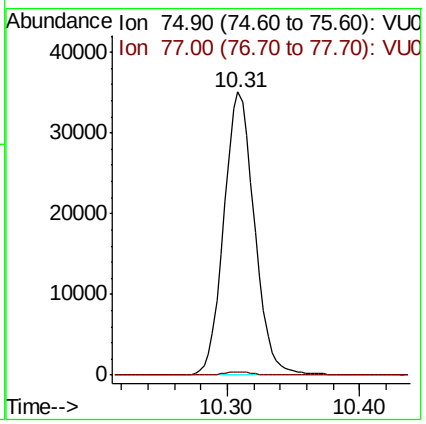


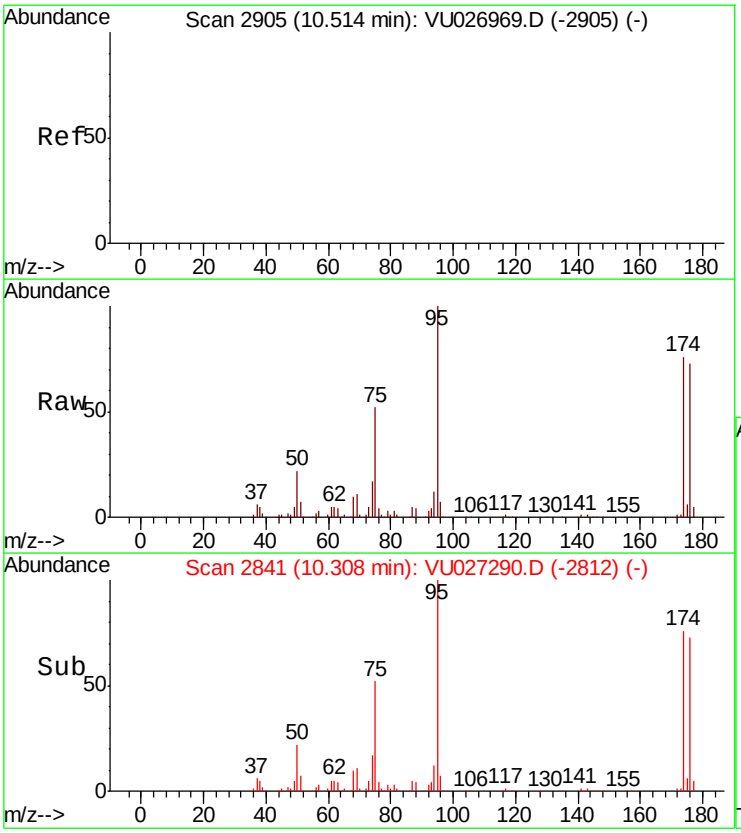
#76
1,2,3-Trichloropropane
Concen: 19.380 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Instrument :
MSVOA_U
ClientSampleId :
PB113306ZHE#01

Tgt Ion: 75 Resp: 56219

Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.9	62.8#

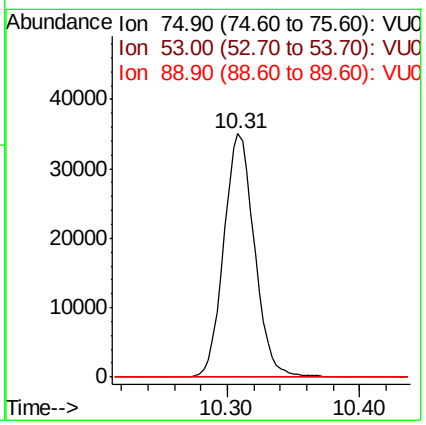


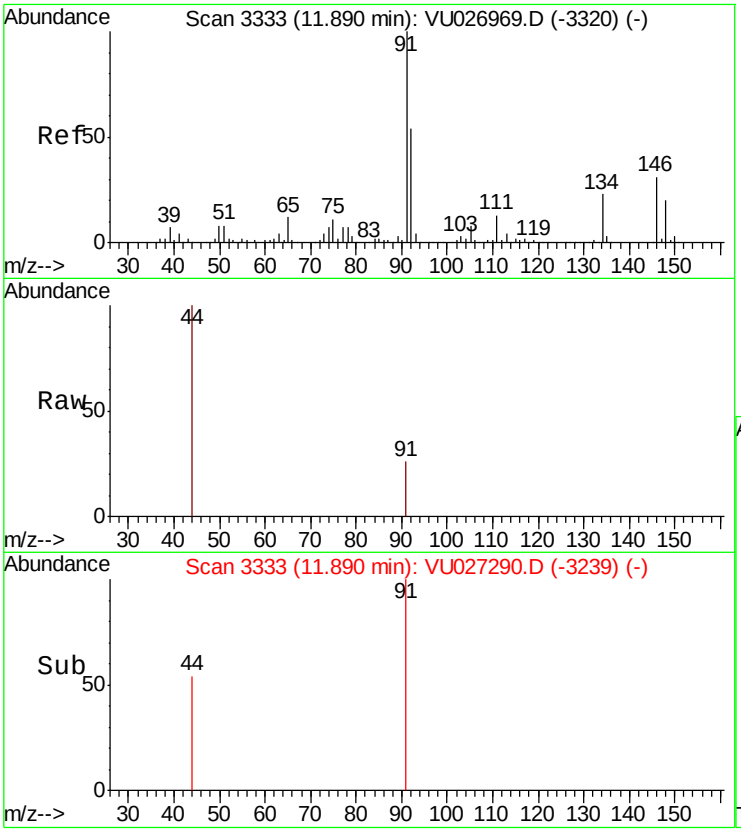


#81
trans-1,4-Dichloro-2-butene
Concen: 62.020 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Tgt Ion: 75 Resp: 56219

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



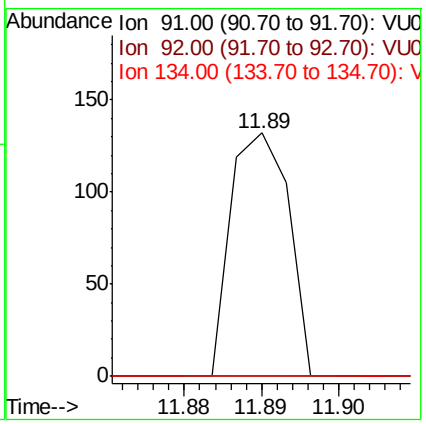


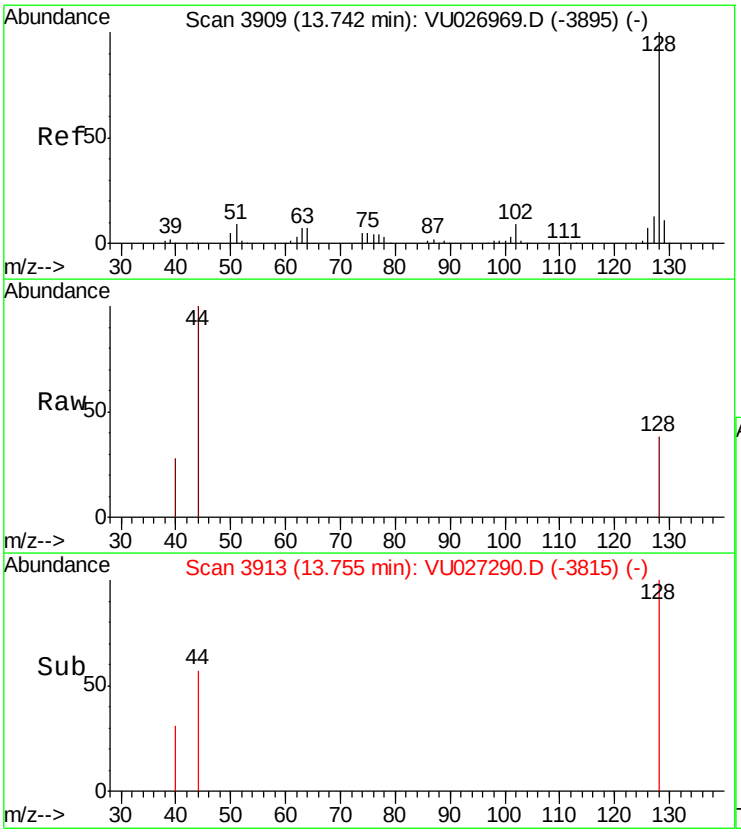
#89
n-Butylbenzene
Concen: 2.402 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Instrument : MSVOA_U
ClientSampleId : PB113306ZHE#01

Tgt Ion: 91 Resp: 69

Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.1	81.2#
134	0.0	11.7	35.0#





#95
Naphthalene
Concen: 1.746 ug/l
RT: 13.75 min Scan# 3913
Delta R.T. 0.01 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Tgt Ion:128 Resp: 465

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