Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027568.D
Acq On : 10 Oct 2018 14:26
Operator : MD/SY
Sample : PB113684ZHE#12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : PB113684ZHE#12

Quant Time: Oct 11 04:04:13 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	152488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	248676	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	217850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	93904	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	108787	42.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.44%			
35) Dibromofluoromethane	4.89	113	80810	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.84%			
50) Toluene-d8	7.57	98	312312	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.92%			
62) 4-Bromofluorobenzene	10.31	95	102595	43.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.56%			
Target Compounds						Qvalue
6) Chloroethane	1.59	64	561	0.334	ug/l #	44
11) Tert butyl alcohol	2.84	59	182	0.339	ug/l #	72
13) Acrolein	2.20	56	137	0.304	ug/l #	59
16) Acetone	2.32	43	12400	8.243	ug/l	91
18) Methyl Acetate	2.62	43	3794	1.106	ug/l #	75
20) Methylene Chloride	2.70	84	1704	0.813	ug/l	93
25) 2-Butanone	4.29	43	1983	0.967	ug/l #	87
29) Tetrahydrofuran	4.66	42	1055	0.816	ug/l #	68
31) Cyclohexane	4.99	56	3237	0.557	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	12128	4.492	ug/l #	50
37) Ethyl Acetate	4.29	43	1983	0.568	ug/l #	70
38) Carbon Tetrachloride	4.98	117	14134	5.795	ug/l #	17
41) Methacrylonitrile	4.66	41	566	0.287	ug/l #	37
43) Isopropyl Acetate	5.55	43	142780	26.345	ug/l	98
48) Methyl methacrylate	6.71	41	12627	4.685	ug/l #	44
51) 4-Methyl-2-Pentanone	7.47	43	1382	0.392	ug/l #	69
54) cis-1,3-Dichloropropene	7.43	75	899	0.268	ug/l #	59
56) Ethyl methacrylate	7.77	69	1322	2.629	ug/l #	76
59) 2-Hexanone	8.32	43	1656	0.606	ug/l #	26
76) 1,2,3-Trichloropropane	10.31	75	52697	21.649	ug/l #	37
80) 1,3,5-Trimethylbenzene	10.78	105	1345	0.242	ug/l	88
81) trans-1,4-Dichloro-2-buten	10.31	75	52697	56.656	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	1778	0.313	ug/l	98
85) sec-Butylbenzene	11.15	105	1778	0.263	ug/l #	58
89) n-Butylbenzene	11.90	91	65	1.960	ug/l #	33
95) Naphthalene	13.76	128	714	1.757	ug/l #	76

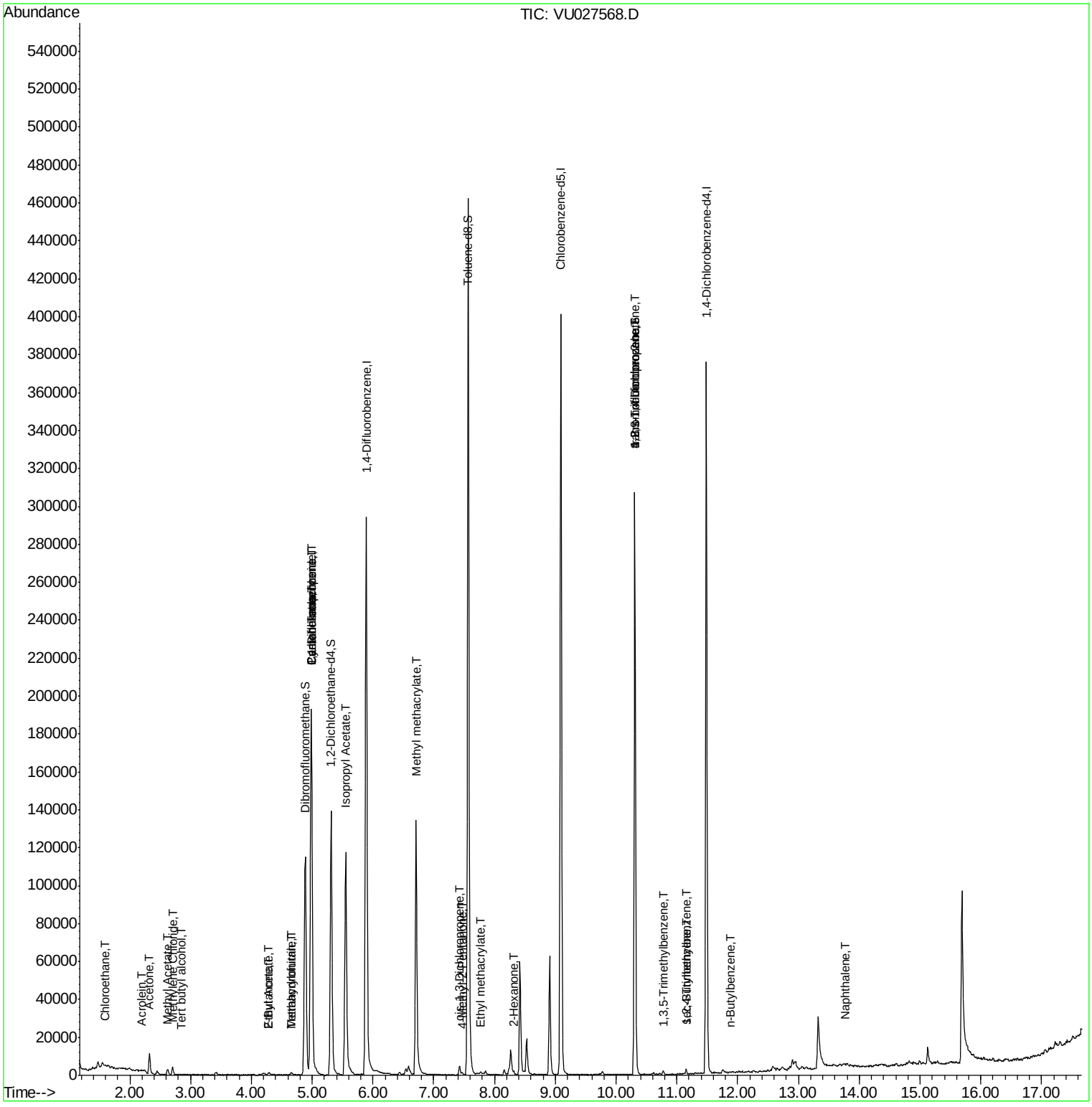
(#) = qualifier out of range (m) = manual integration (+) = signals summed

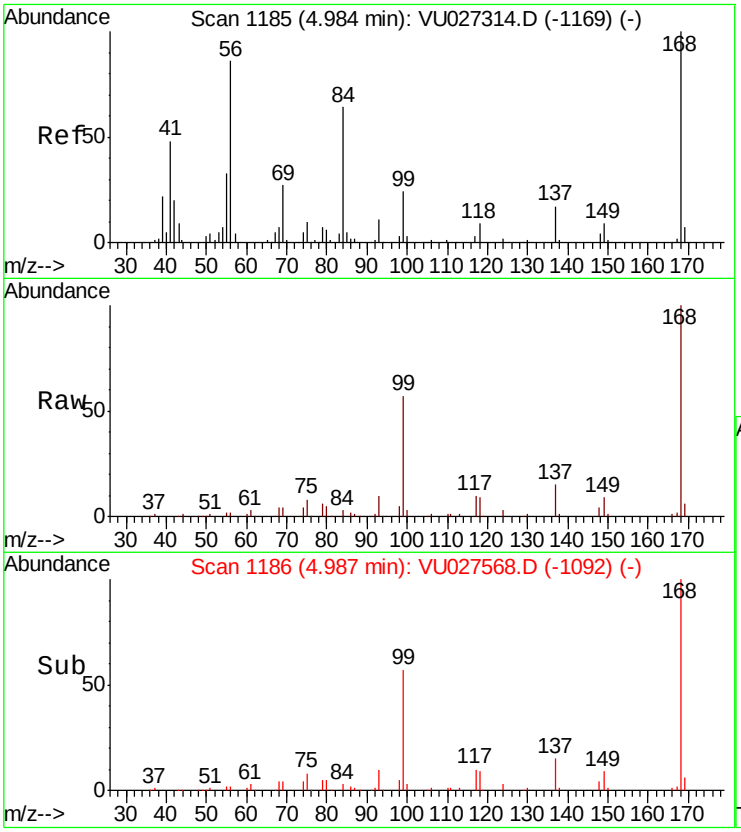
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027568.D
Acq On : 10 Oct 2018 14:26
Operator : MD/SY
Sample : PB113684ZHE#12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PB113684ZHE#12

Quant Time: Oct 11 04:04:13 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



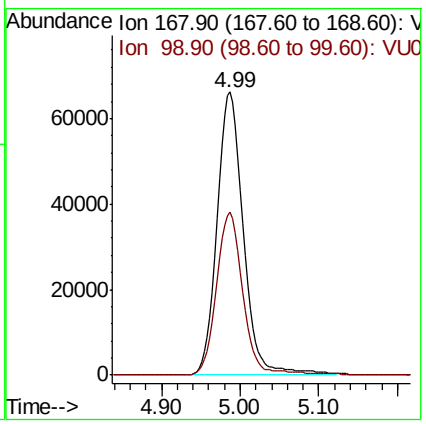


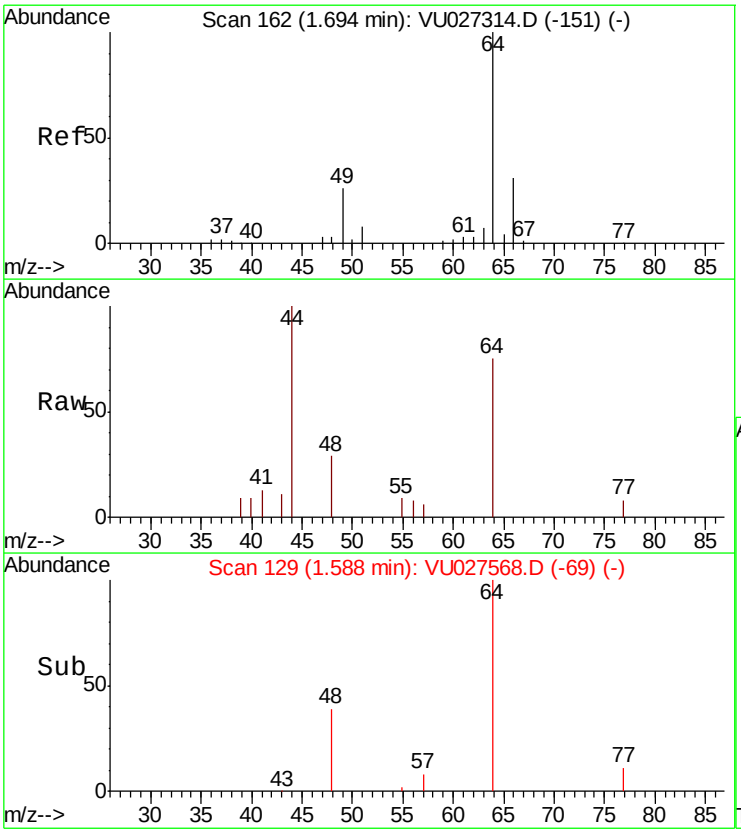
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Instrument :
MSVOA_U
ClientSampleId :
PB113684ZHE#12

Tgt Ion:168 Resp: 152488

Ion	Ratio	Lower	Upper
168	100		
99	57.4	50.8	76.2

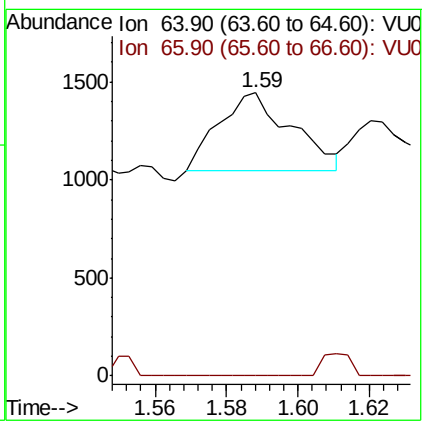


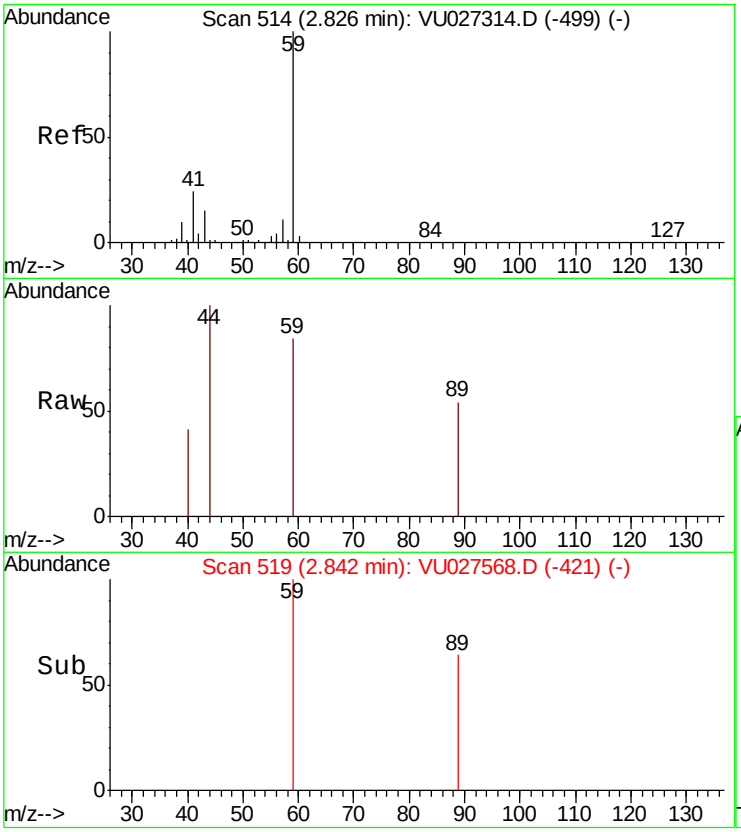


#6
Chloroethane
Concen: 0.334 ug/l
RT: 1.59 min Scan# 129
Delta R.T. -0.11 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Tgt Ion: 64 Resp: 561

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#



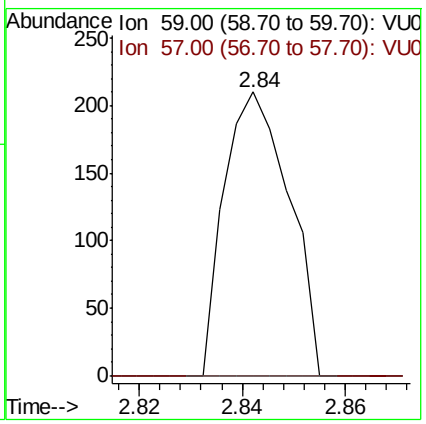


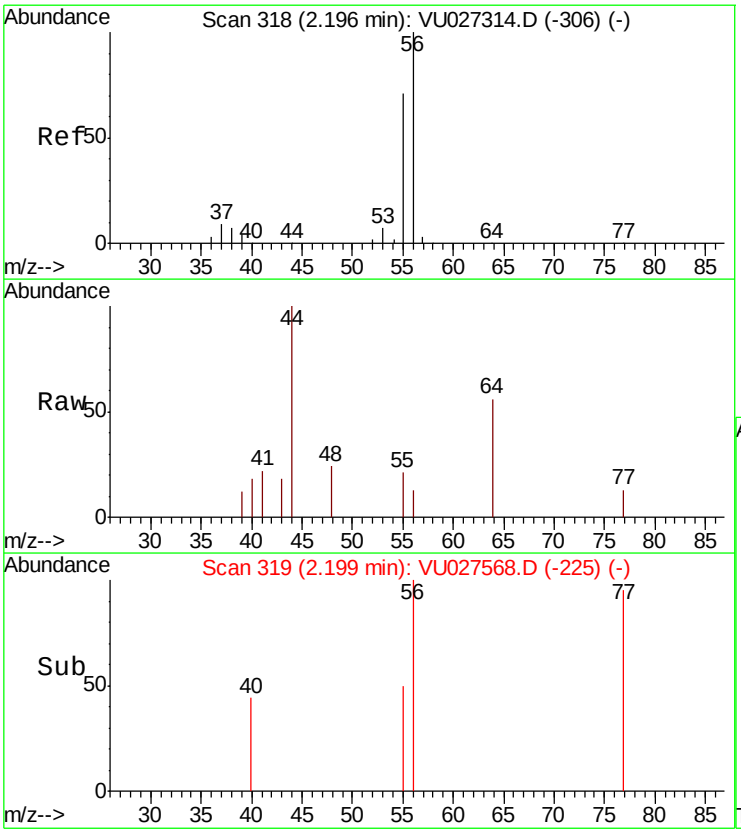
#11
Tert butyl alcohol
Concen: 0.339 ug/l
RT: 2.84 min Scan# 519
Delta R.T. 0.02 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Instrument :
MSVOA_U
ClientSampleId :
PB113684ZHE#12

Tgt Ion: 59 Resp: 182

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

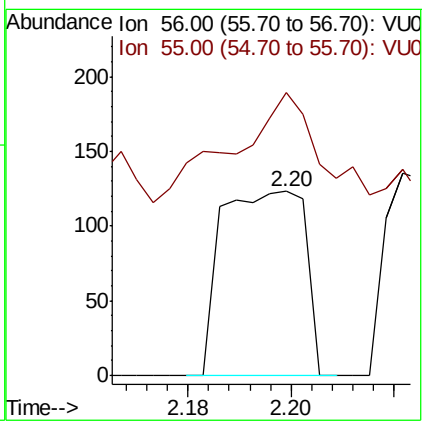


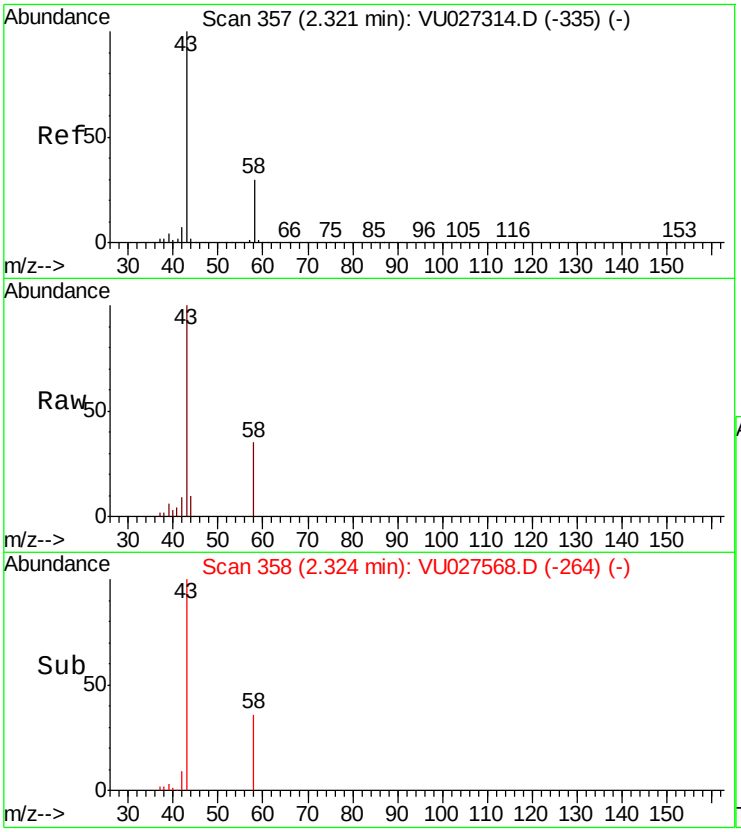


#13
Acrolein
Concen: 0.304 ug/l
RT: 2.20 min Scan# 319
Delta R.T. 0.00 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Tgt Ion: 56 Resp: 137

Ion	Ratio	Lower	Upper
56	100		
55	106.6	57.7	86.5#



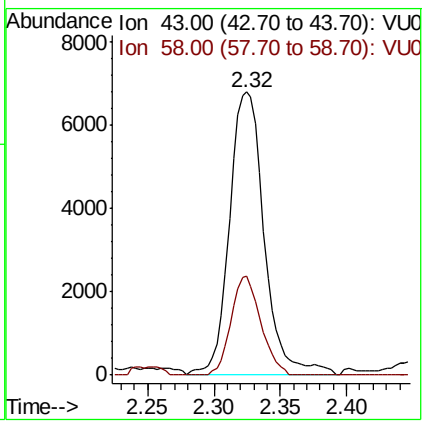


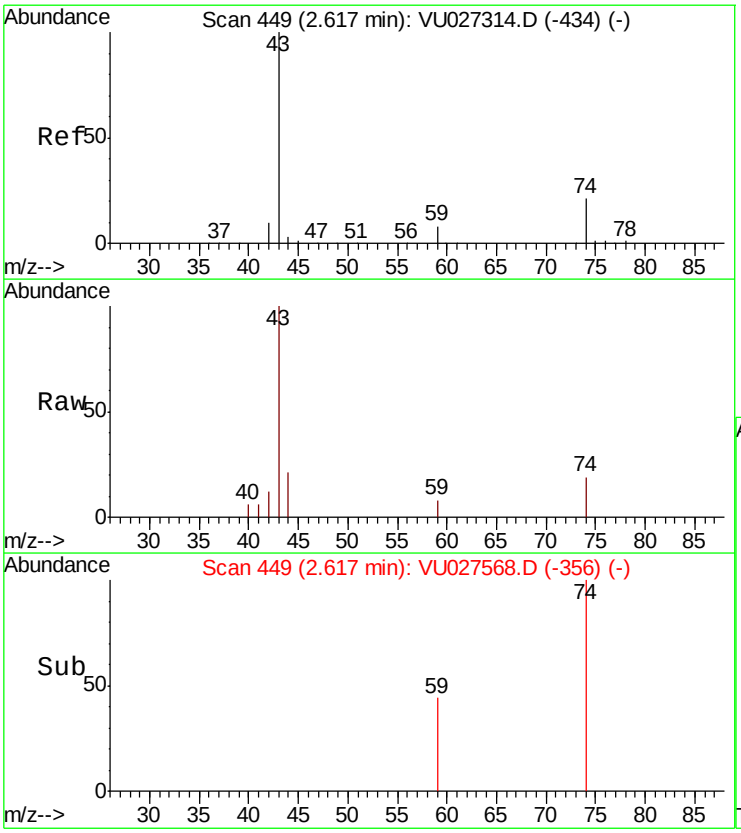
#16
Acetone
Concen: 8.243 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Instrument :
MSVOA_U
ClientSampleId :
PB113684ZHE#12

Tgt Ion: 43 Resp: 12400

Ion	Ratio	Lower	Upper
43	100		
58	35.0	24.2	36.4

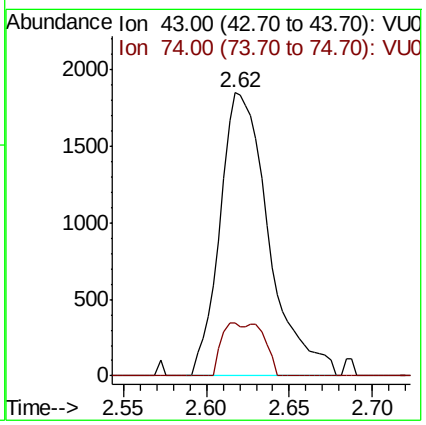


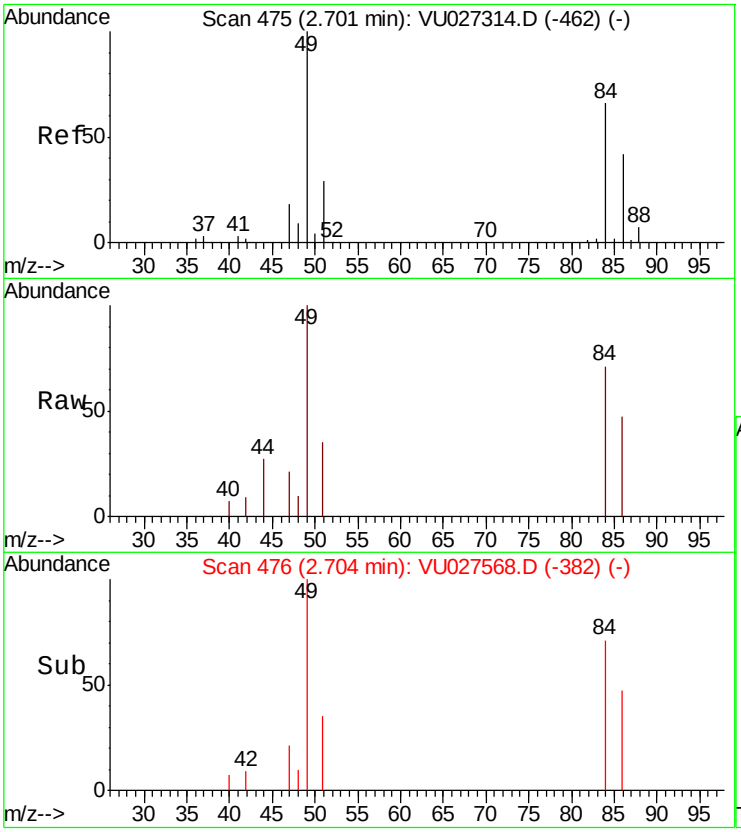


#18
Methyl Acetate
Concen: 1.106 ug/l
RT: 2.62 min Scan# 449
Delta R.T. -0.00 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Tgt Ion: 43 Resp: 3794

Ion	Ratio	Lower	Upper
43	100		
74	9.1	16.5	24.7#



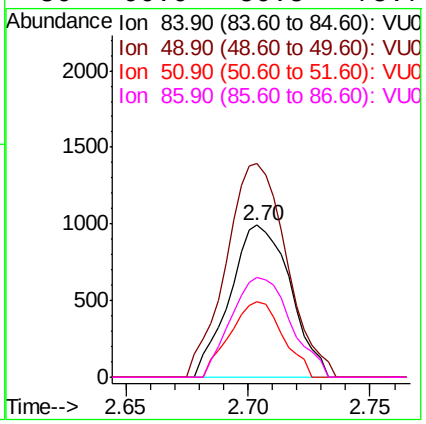


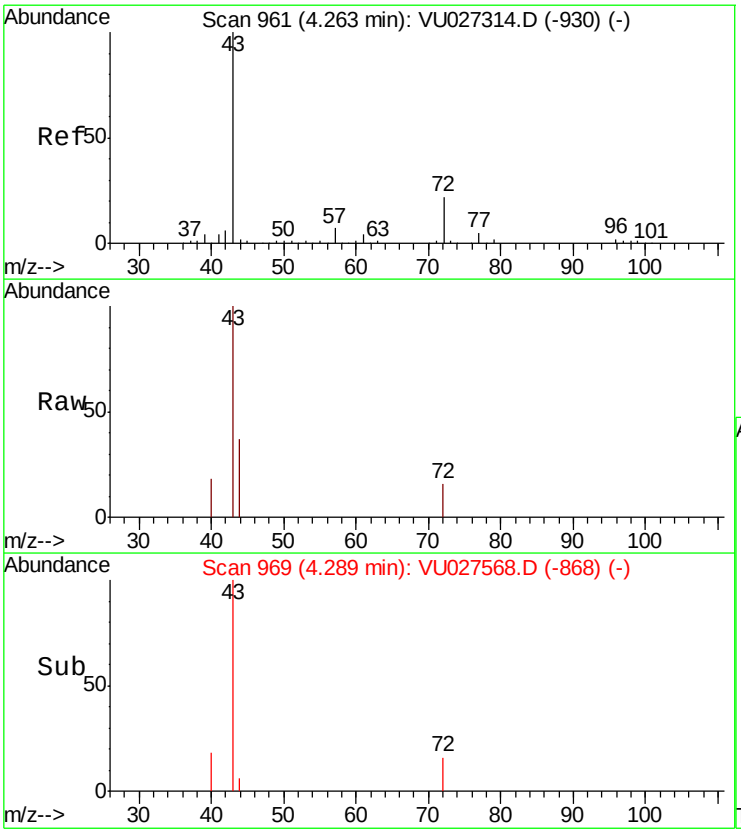
#20
Methylene Chloride
Concen: 0.813 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Instrument :
MSVOA_U
ClientSampleId :
PB113684ZHE#12

Tgt Ion: 84 Resp: 1704

Ion	Ratio	Lower	Upper
84	100		
49	140.5	120.5	180.7
51	49.4	35.1	52.7
86	66.0	50.5	75.7

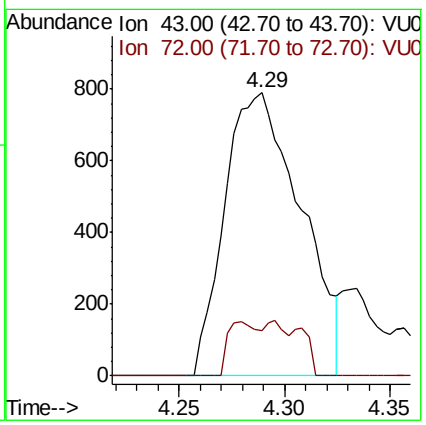


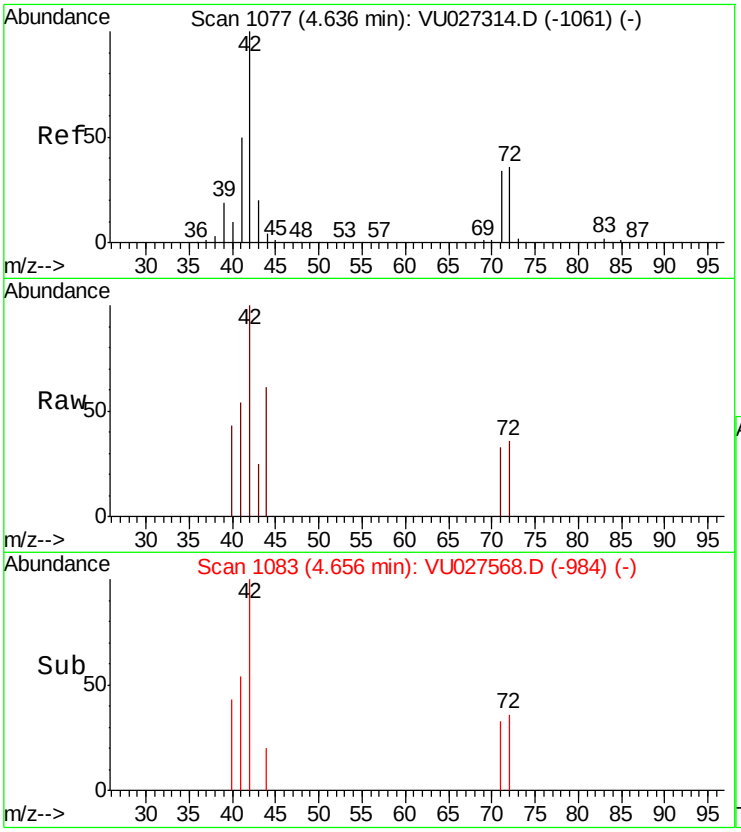


#25
2-Butanone
Concen: 0.967 ug/l
RT: 4.29 min Scan# 969
Delta R.T. 0.03 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Tgt Ion: 43 Resp: 1983

Ion	Ratio	Lower	Upper
43	100		
72	15.8	17.8	26.6#



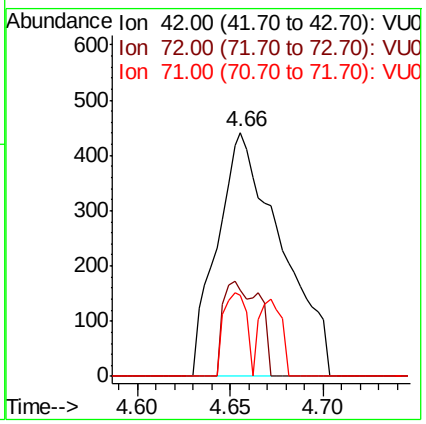


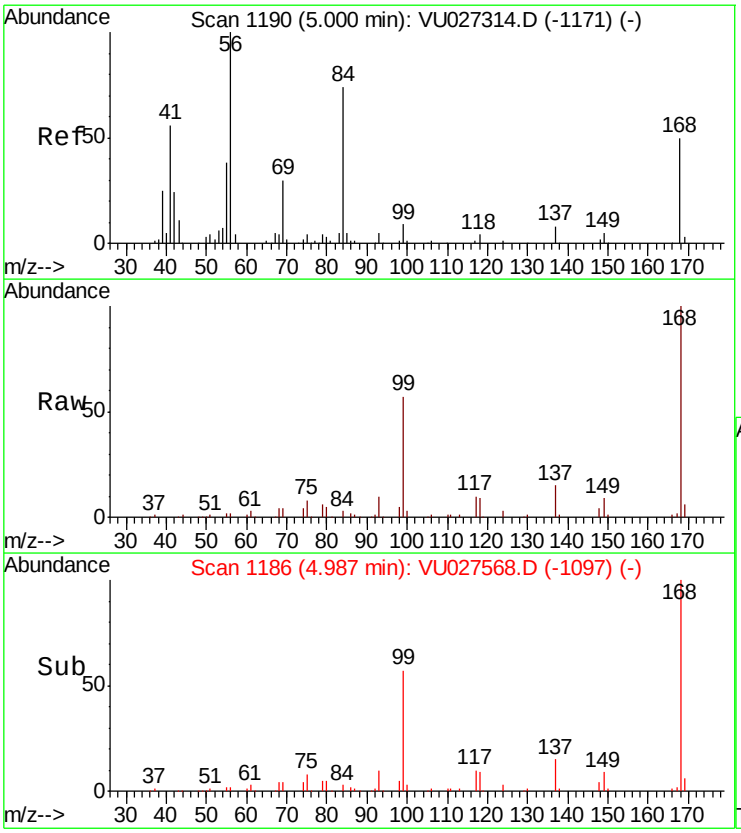
#29
Tetrahydrofuran
Concen: 0.816 ug/l
RT: 4.66 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Instrument : MSVOA_U
ClientSampleId : PB113684ZHE#12

Tgt Ion: 42 Resp: 1055

Ion	Ratio	Lower	Upper
42	100		
72	21.8	30.1	45.1#
71	12.1	27.7	41.5#

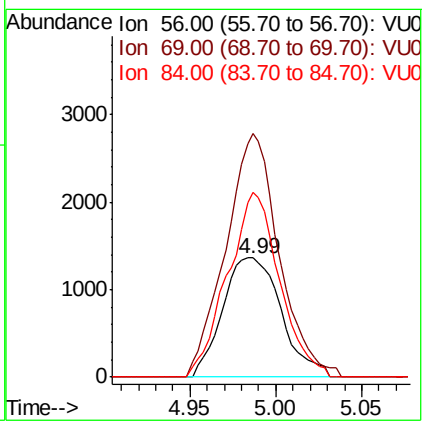


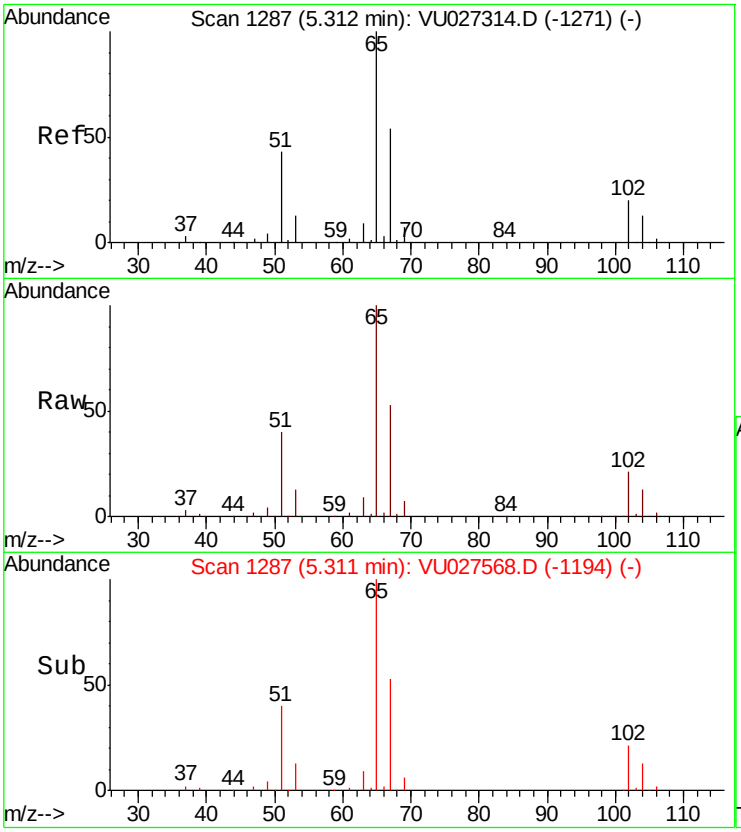


#31
Cyclohexane
Concen: 0.557 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Tgt Ion: 56 Resp: 3237

Ion	Ratio	Lower	Upper
56	100		
69	204.4	24.1	36.1#
84	155.5	59.1	88.7#



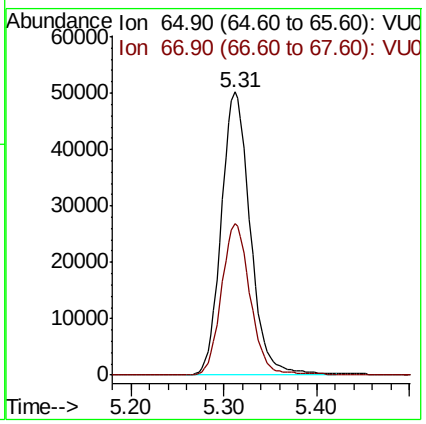


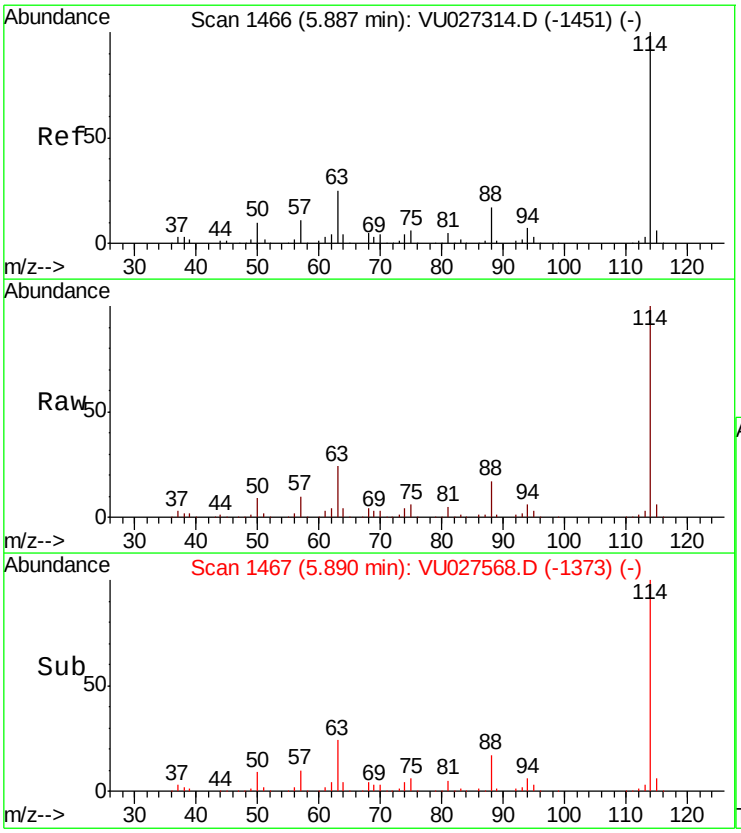
#33
1,2-Dichloroethane-d4
Concen: 42.724 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Instrument : MSVOA_U
ClientSampleId : PB113684ZHE#12

Tgt Ion: 65 Resp: 108787

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.8

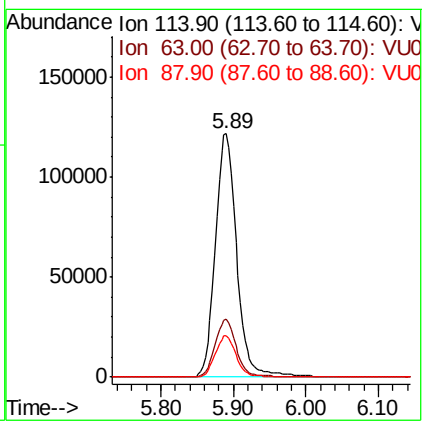


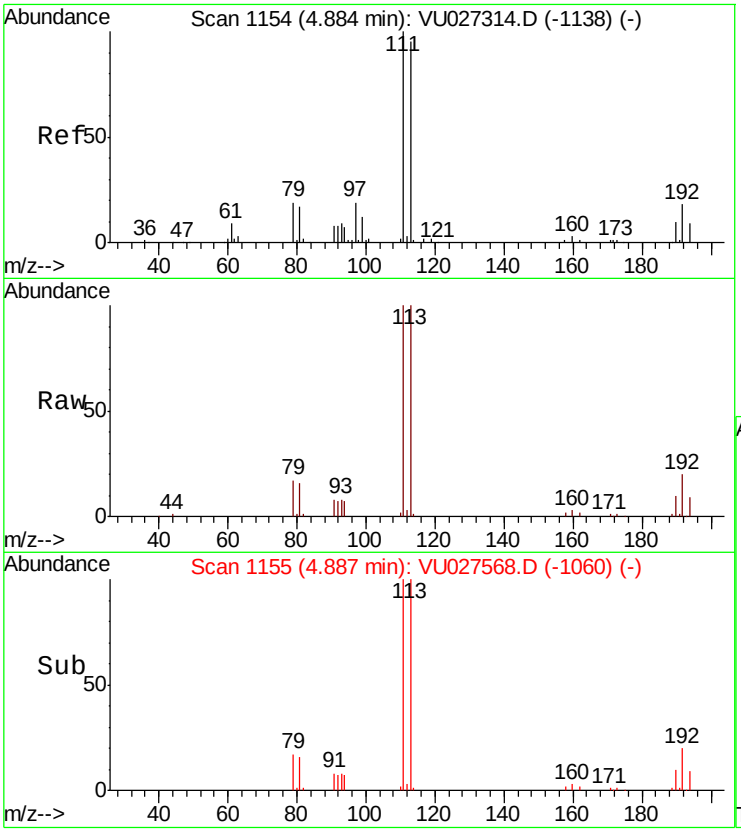


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Tgt Ion:114 Resp: 248676

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	50.2
88	17.0	0.0	33.8



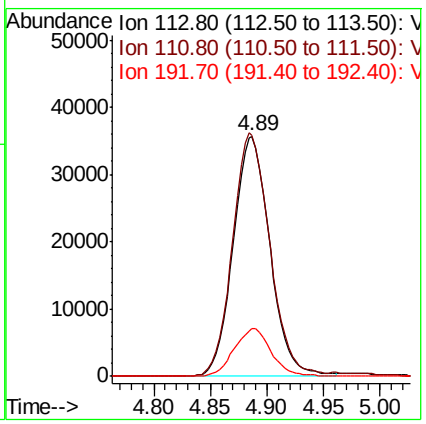


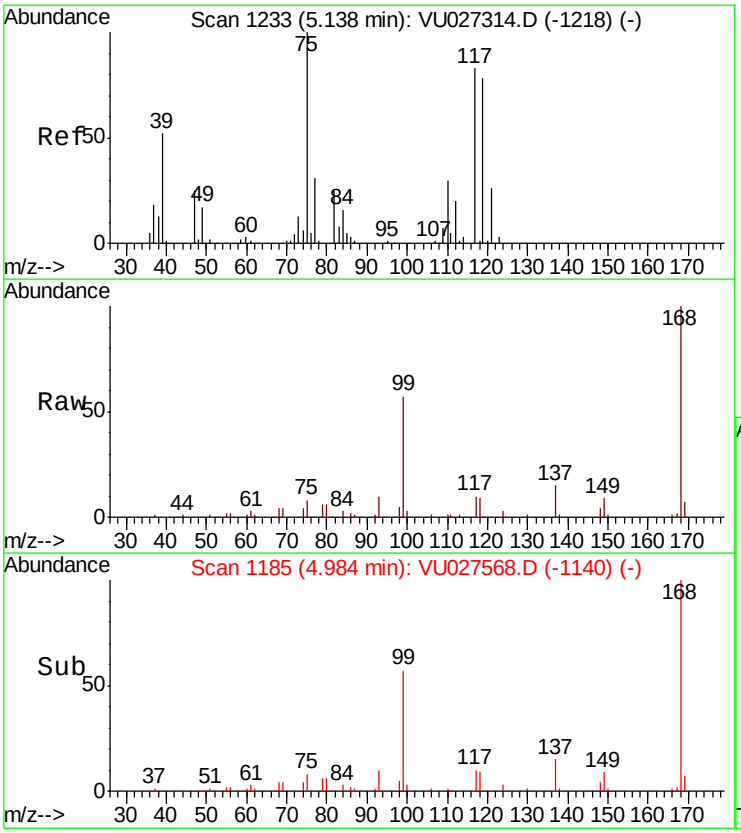
#35
Dibromofluoromethane
Concen: 47.417 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Instrument :
MSVOA_U
ClientSampleId :
PB113684ZHE#12

Tgt Ion:113 Resp: 80810

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.1	124.7
192	20.0	15.4	23.0

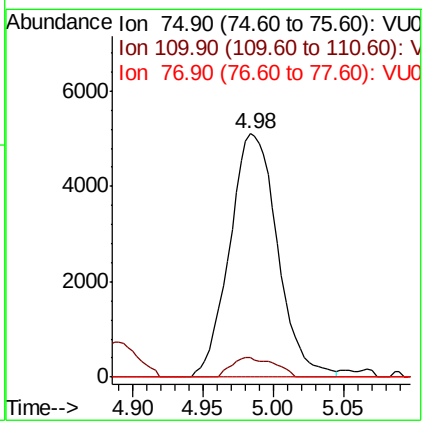


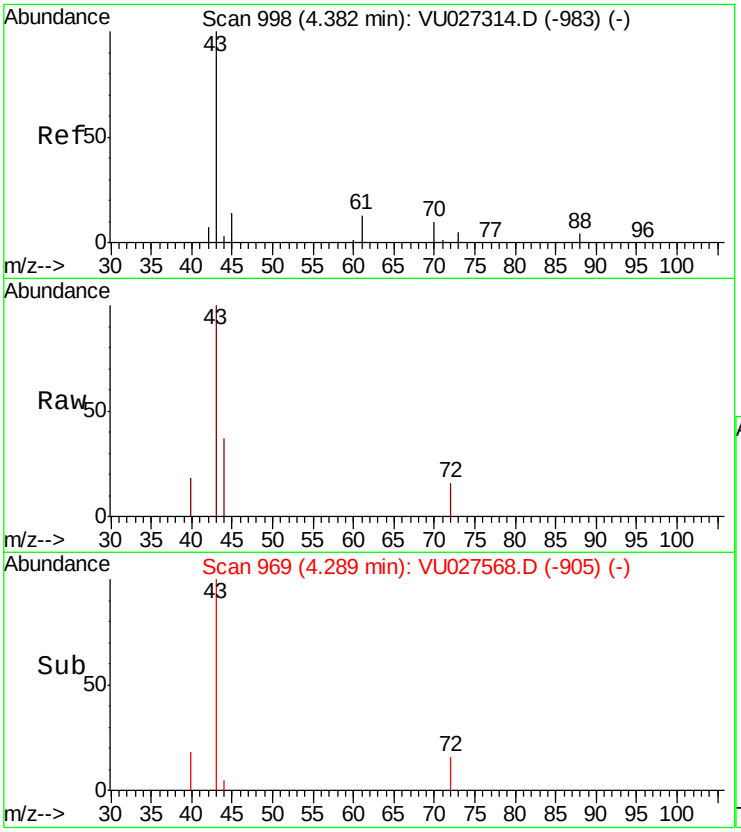


#36
1,1-Dichloropropene
Concen: 4.492 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Tgt Ion: 75 Resp: 12128

Ion	Ratio	Lower	Upper
75	100		
110	7.2	15.5	46.5#
77	0.0	25.4	38.0#



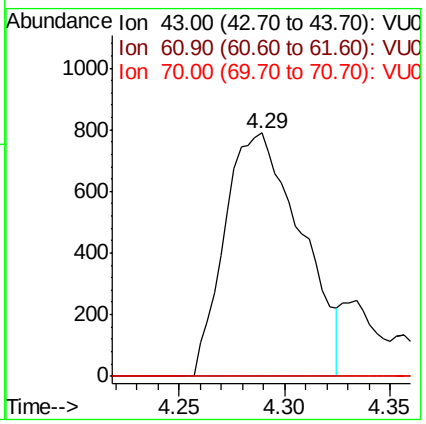


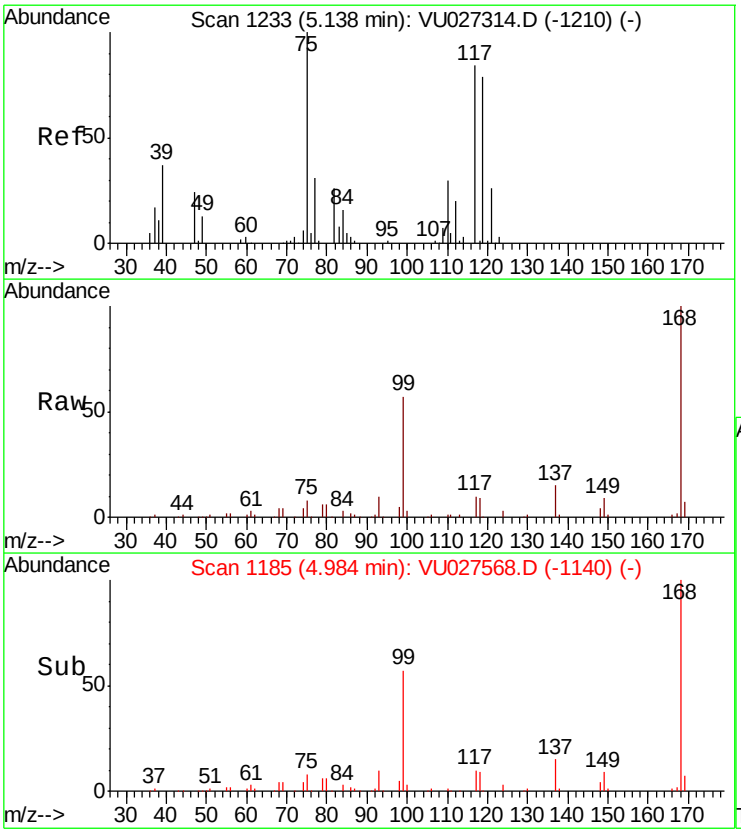
#37
Ethyl Acetate
Concen: 0.568 ug/l
RT: 4.29 min Scan# 969
Delta R.T. -0.09 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Instrument : MSVOA_U
ClientSampleId : PB113684ZHE#12

Tgt Ion: 43 Resp: 1983

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.7	16.1#
70	0.0	7.4	11.2#

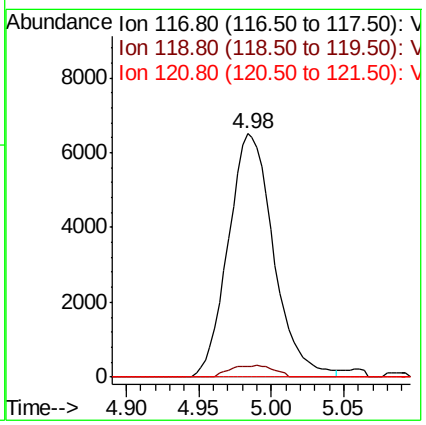


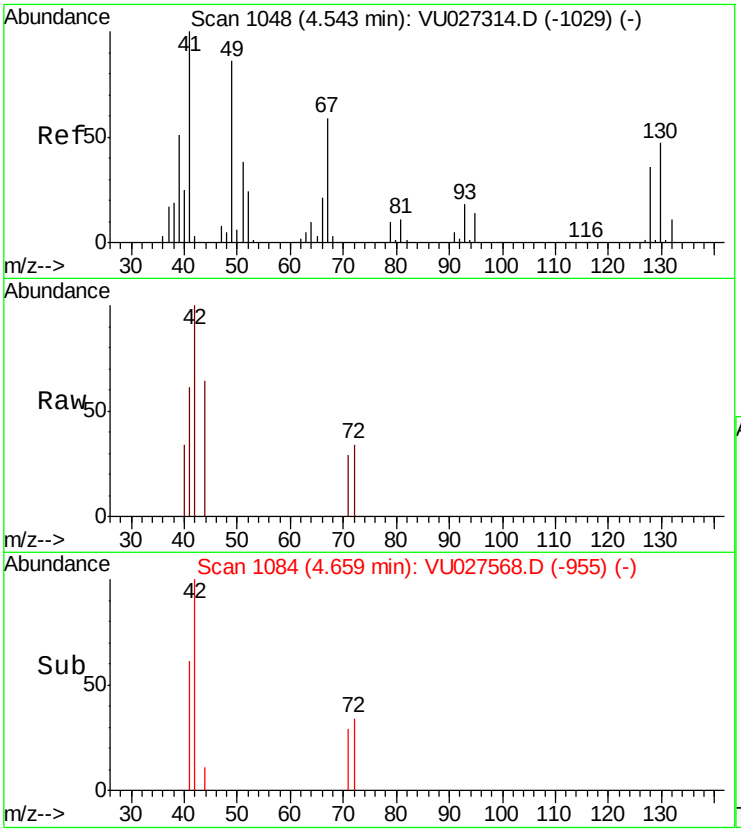


#38
Carbon Tetrachloride
Concen: 5.795 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Tgt Ion:117 Resp: 14134

Ion	Ratio	Lower	Upper
117	100		
119	4.4	74.5	111.7#
121	0.0	24.6	37.0#



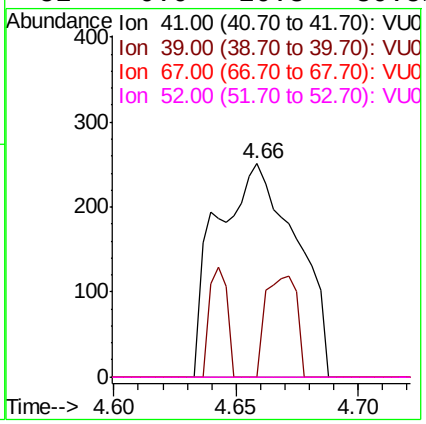


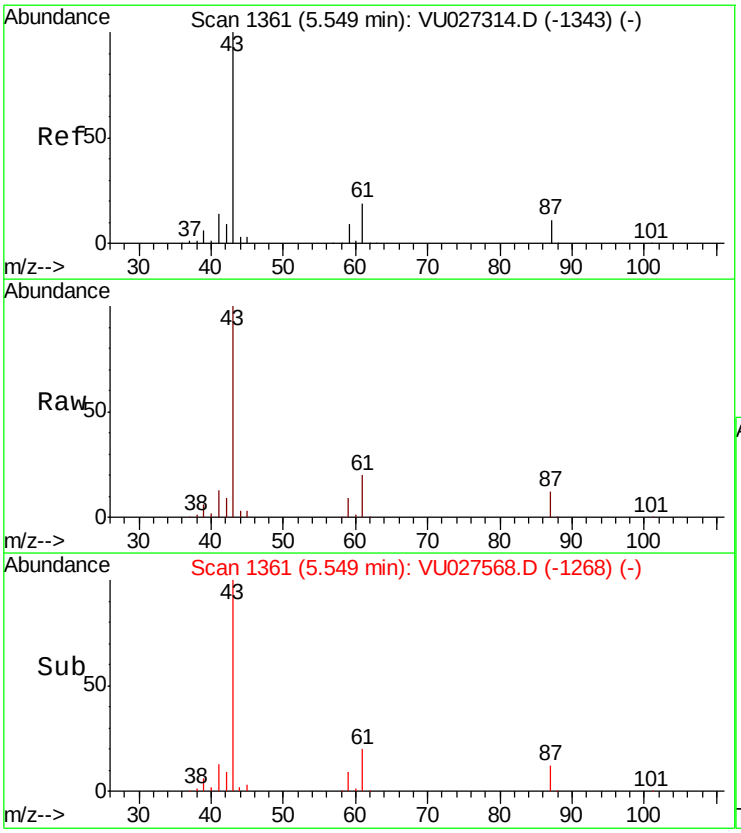
#41
Methacrylonitrile
Concen: 0.287 ug/l
RT: 4.66 min Scan# 1084
Delta R.T. 0.12 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Instrument : MSVOA_U
ClientSampleId : PB113684ZHE#12

Tgt Ion: 41 Resp: 566

Ion	Ratio	Lower	Upper
41	100		
39	18.6	41.1	61.7#
67	0.0	50.4	75.6#
52	0.0	20.3	30.5#

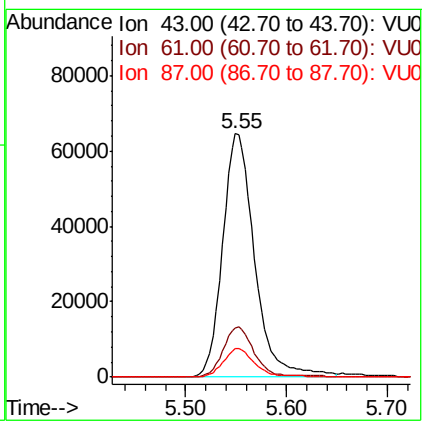


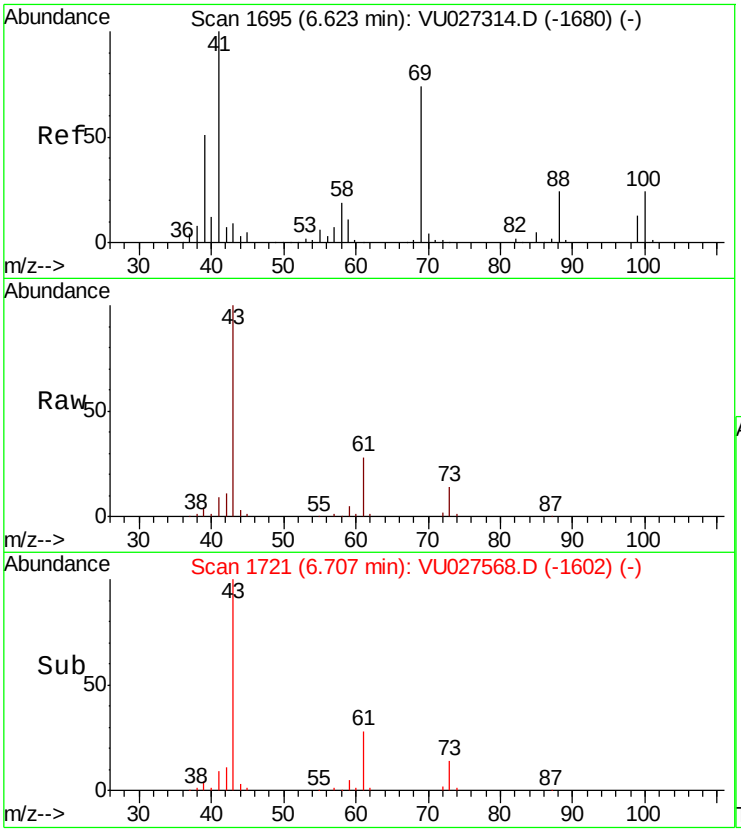


#43
Isopropyl Acetate
Concen: 26.345 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Tgt Ion: 43 Resp: 142780

Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.3	22.9
87	11.7	8.6	13.0



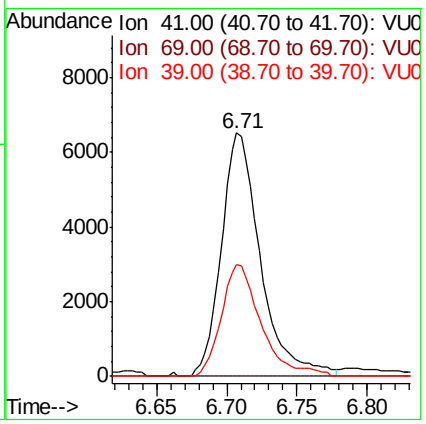


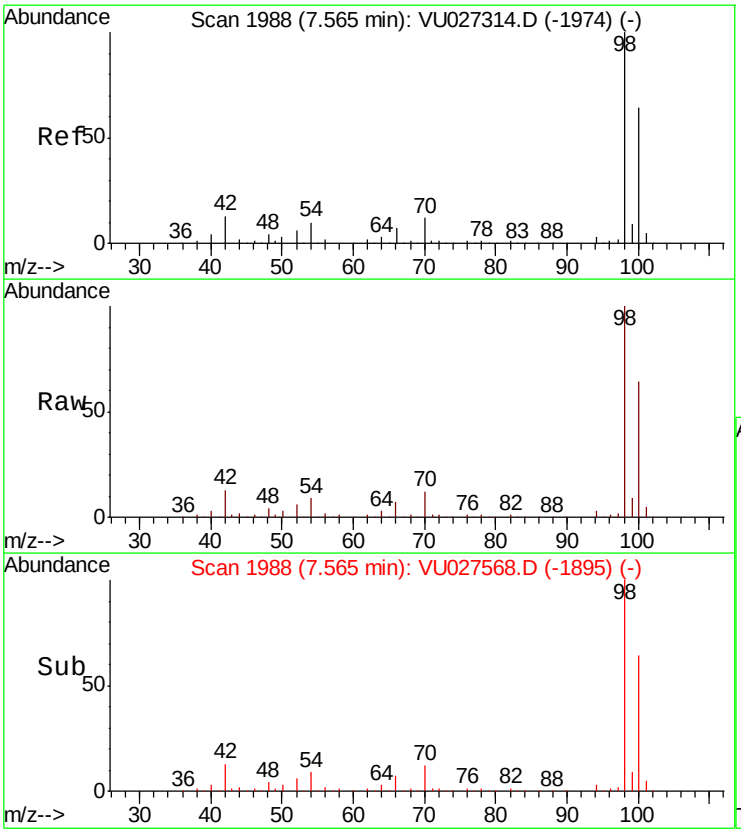
#48
Methyl methacrylate
Concen: 4.685 ug/l
RT: 6.71 min Scan# 1721
Delta R.T. 0.08 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Instrument :
MSVOA_U
ClientSampleId :
PB113684ZHE#12

Tgt Ion: 41 Resp: 12627

Ion	Ratio	Lower	Upper
41	100		
69	0.0	61.0	91.4#
39	45.0	39.9	59.9

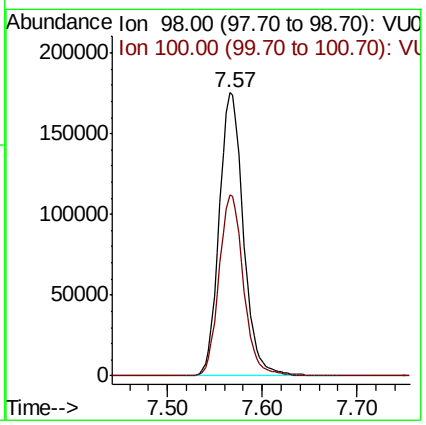


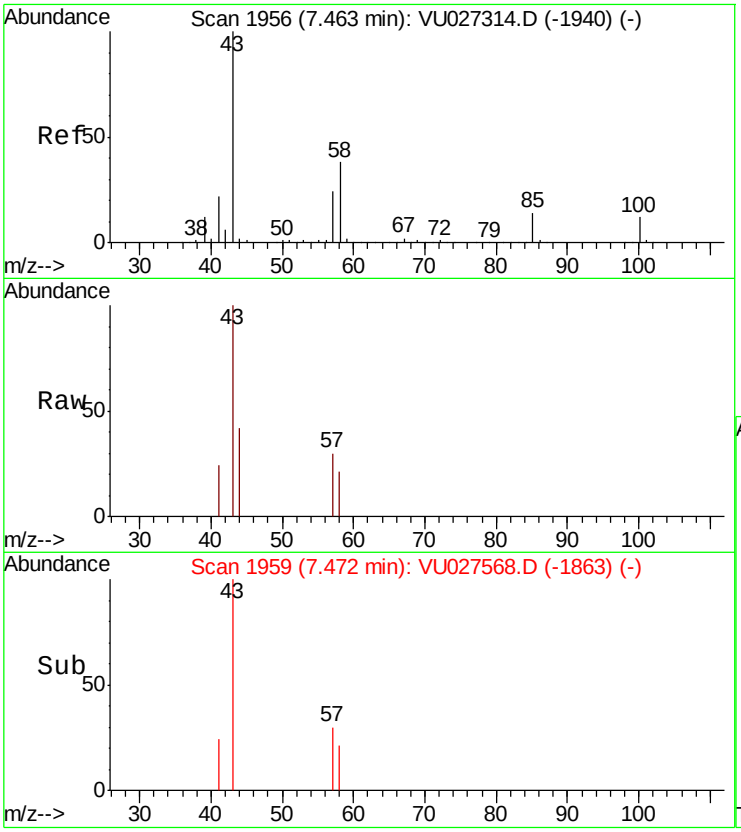


#50
Toluene-d8
Concen: 48.963 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Tgt Ion: 98 Resp: 312312

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.1	78.1



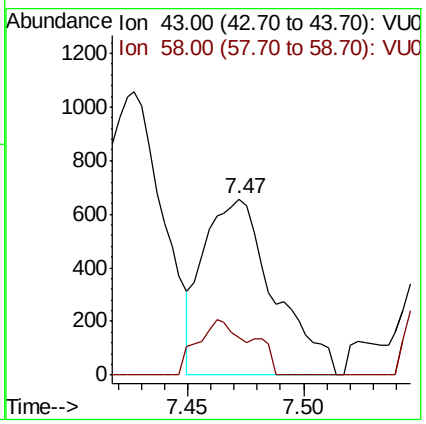


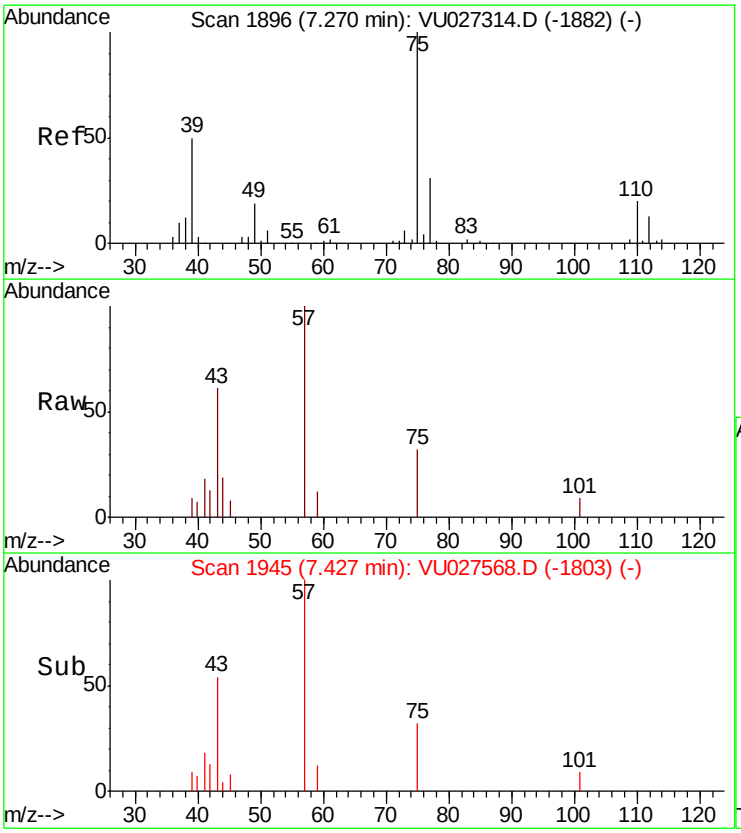
#51
4-Methyl-2-Pentanone
Concen: 0.392 ug/l
RT: 7.47 min Scan# 1959
Delta R.T. 0.01 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Instrument :
MSVOA_U
ClientSampleId :
PB113684ZHE#12

Tgt Ion: 43 Resp: 1382

Ion	Ratio	Lower	Upper
43	100		
58	18.7	29.8	44.8#

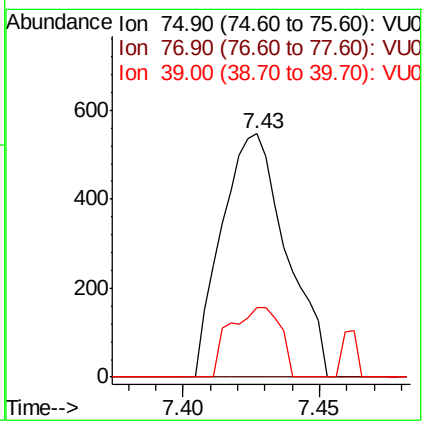


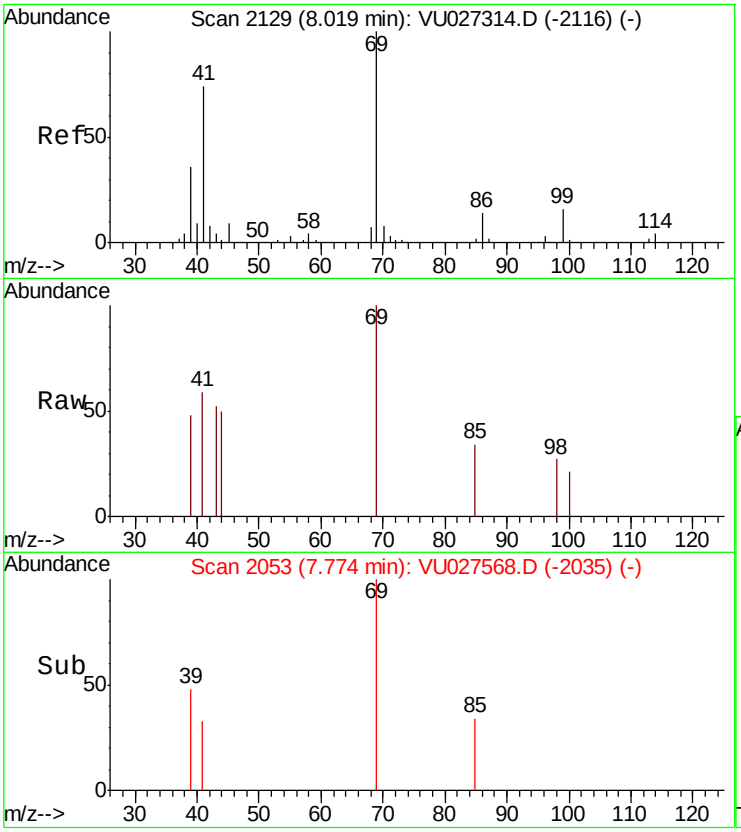


#54
cis-1,3-Dichloropropene
Concen: 0.268 ug/l
RT: 7.43 min Scan# 1945
Delta R.T. 0.16 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Tgt Ion: 75 Resp: 899

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.5	36.7#
39	28.5	40.1	60.1#



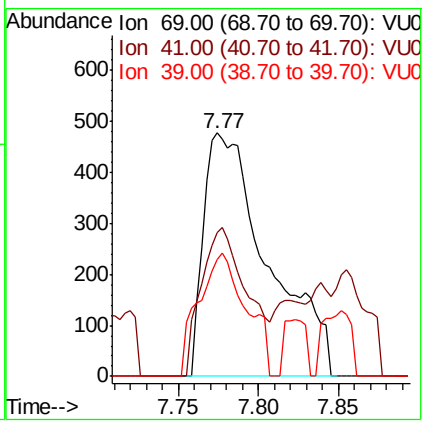


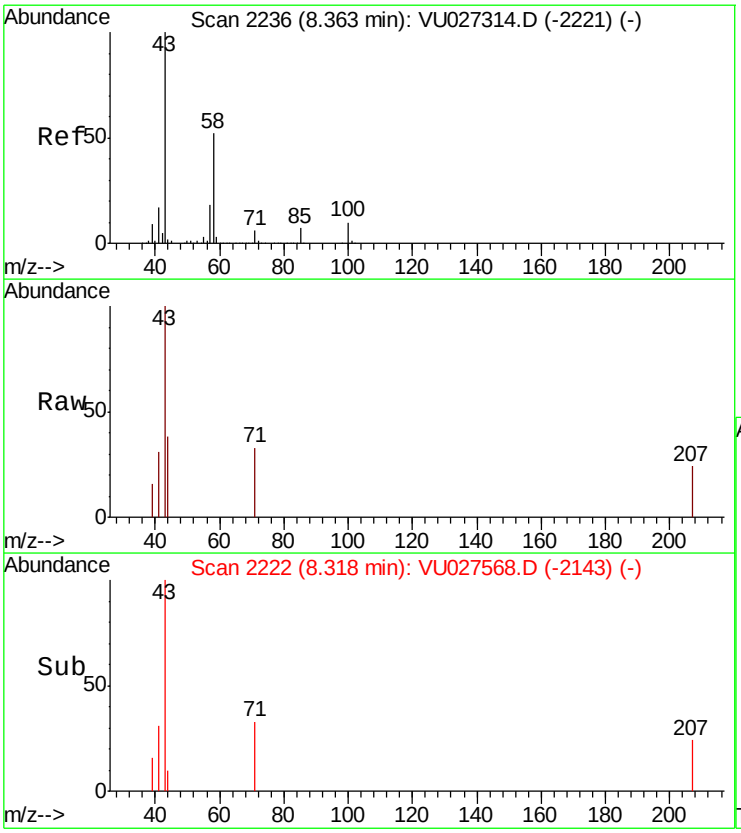
#56
Ethyl methacrylate
Concen: 2.629 ug/l
RT: 7.77 min Scan# 2053
Delta R.T. -0.24 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Instrument :
MSVOA_U
ClientSampleId :
PB113684ZHE#12

Tgt Ion: 69 Resp: 1322

Ion	Ratio	Lower	Upper
69	100		
41	44.5	60.0	90.0#
39	37.5	29.5	44.3

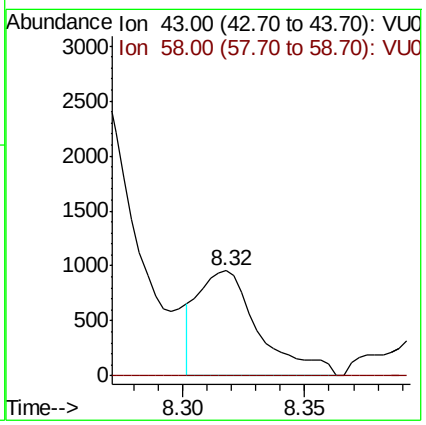


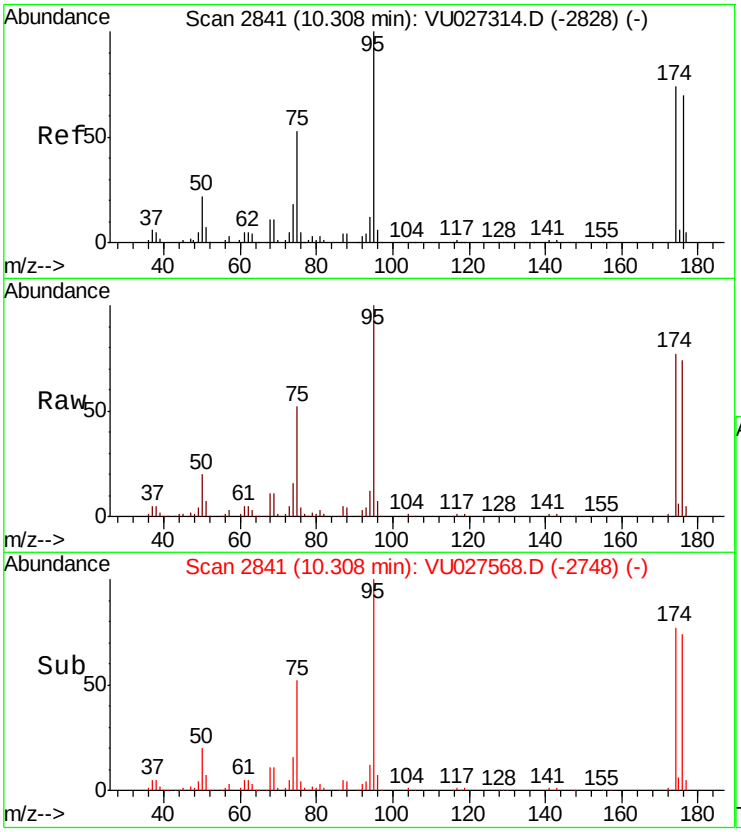


#59
2-Hexanone
Concen: 0.606 ug/l
RT: 8.32 min Scan# 2222
Delta R.T. -0.05 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Tgt Ion: 43 Resp: 1656

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.1	78.3#



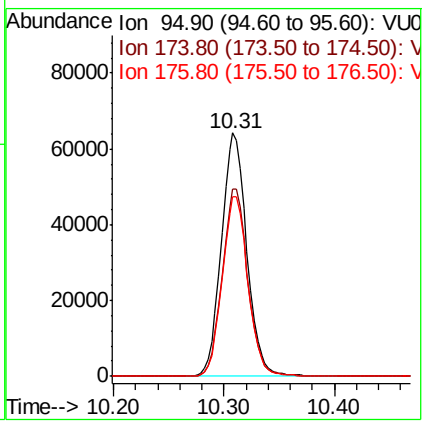


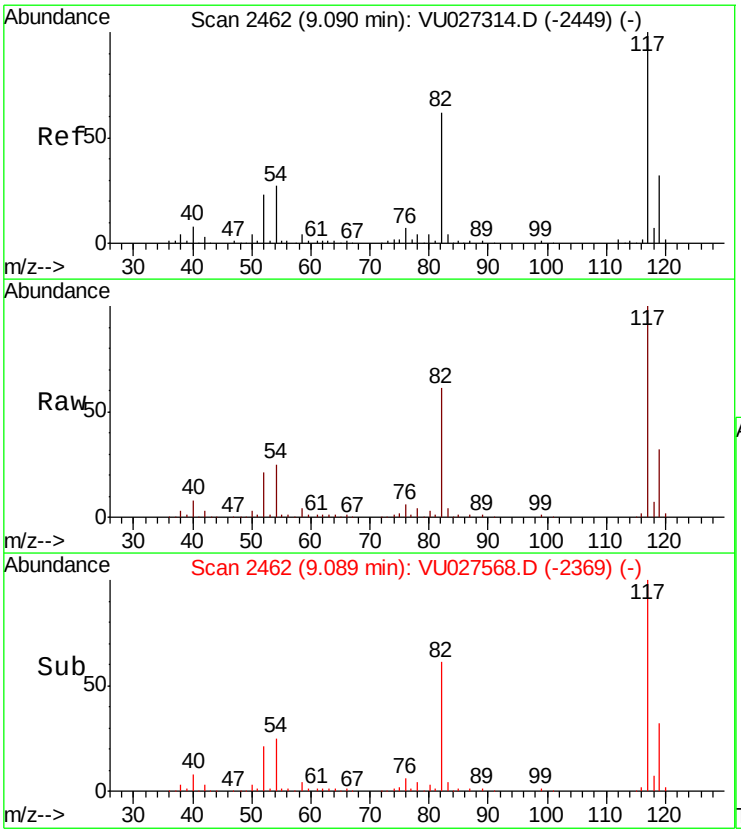
#62
4-Bromofluorobenzene
Concen: 43.280 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Instrument : MSVOA_U
ClientSampleId : PB113684ZHE#12

Tgt Ion: 95 Resp: 102595

Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	147.8
176	74.7	0.0	140.8

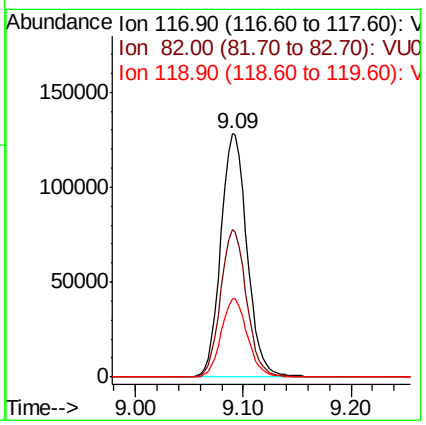


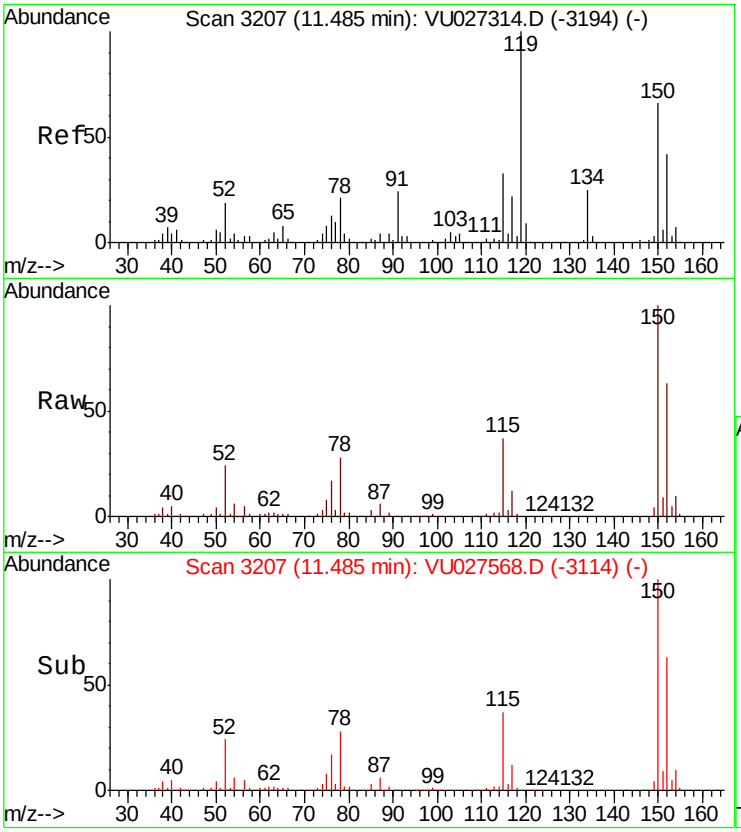


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Tgt Ion:117 Resp: 217850

Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.2	73.8
119	32.1	25.7	38.5



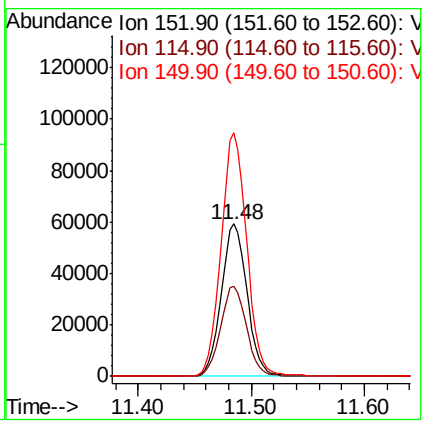


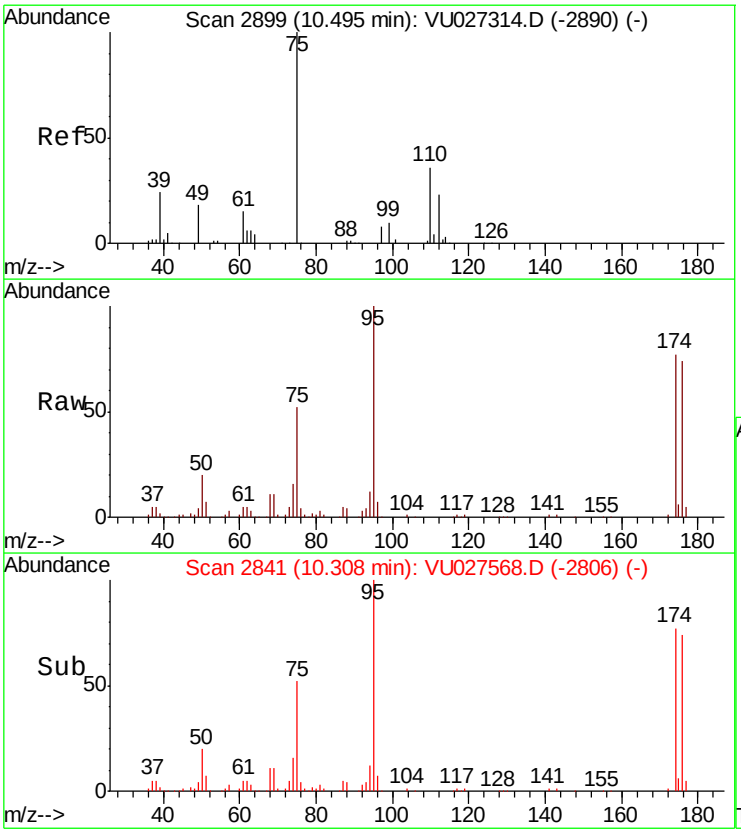
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Instrument :
MSVOA_U
ClientSampleId :
PB113684ZHE#12

Tgt Ion:152 Resp: 93904

Ion	Ratio	Lower	Upper
152	100		
115	59.4	43.4	130.2
150	159.3	0.0	349.2

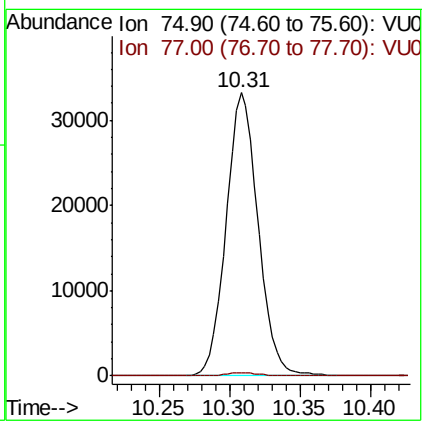


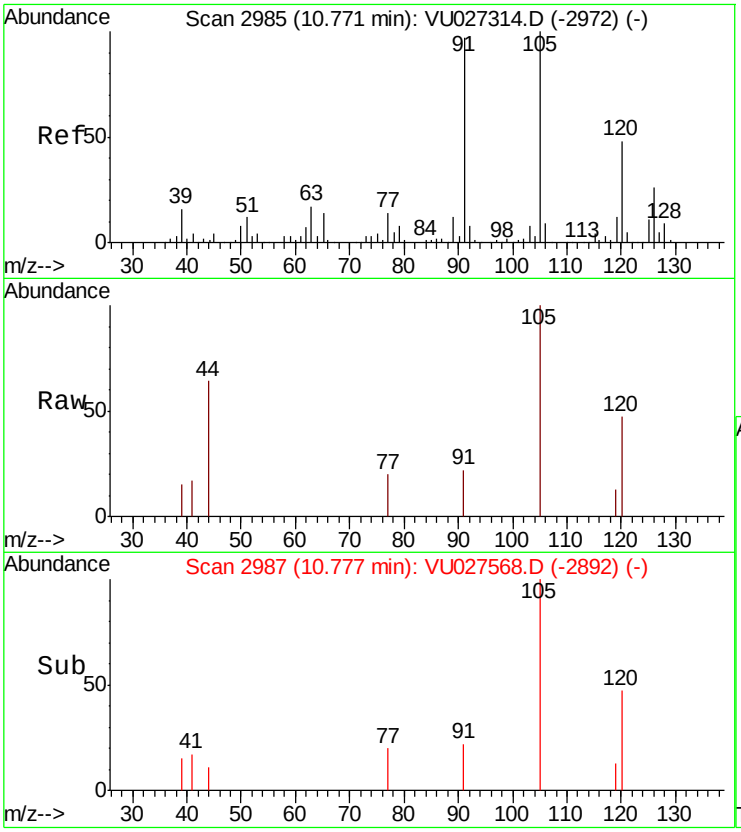


#76
1,2,3-Trichloropropane
Concen: 21.649 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Tgt Ion: 75 Resp: 52697

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.3	60.9#



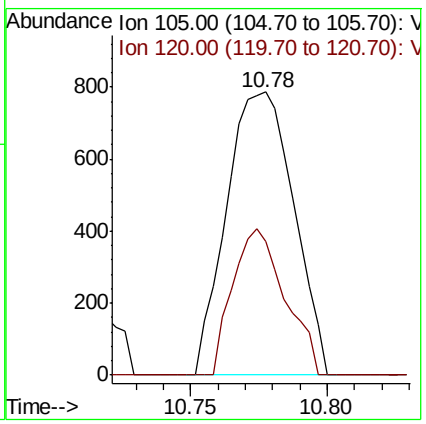


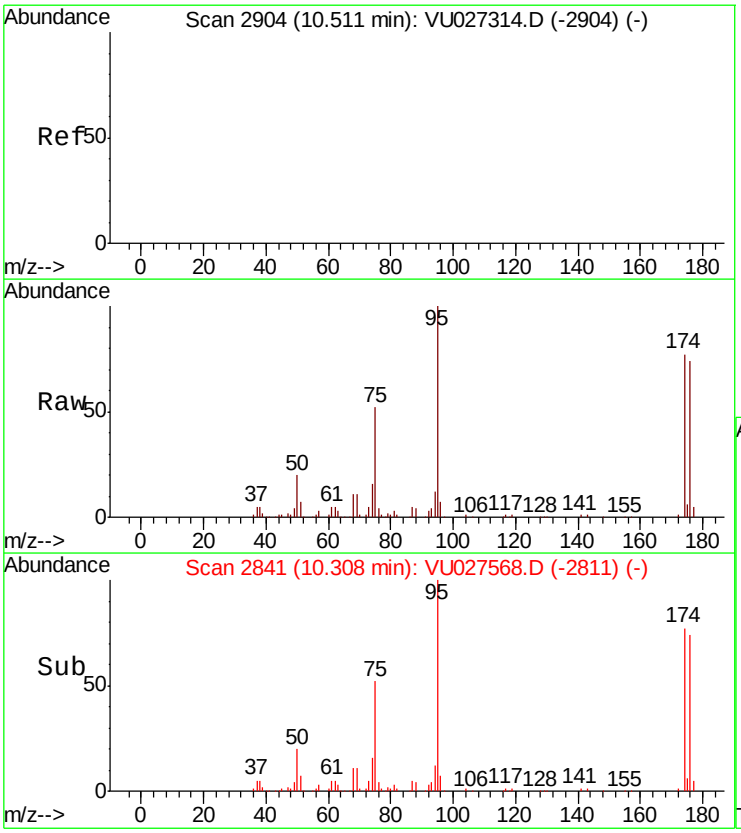
#80
1,3,5-Trimethylbenzene
Concen: 0.242 ug/l
RT: 10.78 min Scan# 2987
Delta R.T. 0.01 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Instrument :
MSVOA_U
ClientSampleId :
PB113684ZHE#12

Tgt Ion:105 Resp: 1345

Ion	Ratio	Lower	Upper
105	100		
120	40.1	24.1	72.4

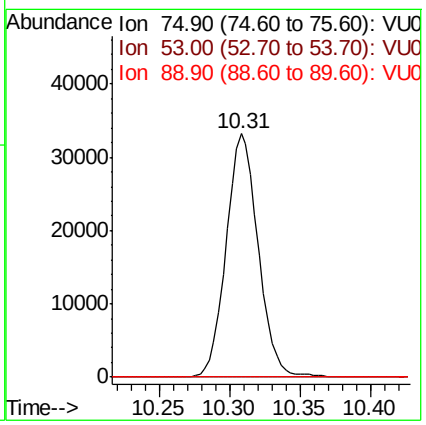


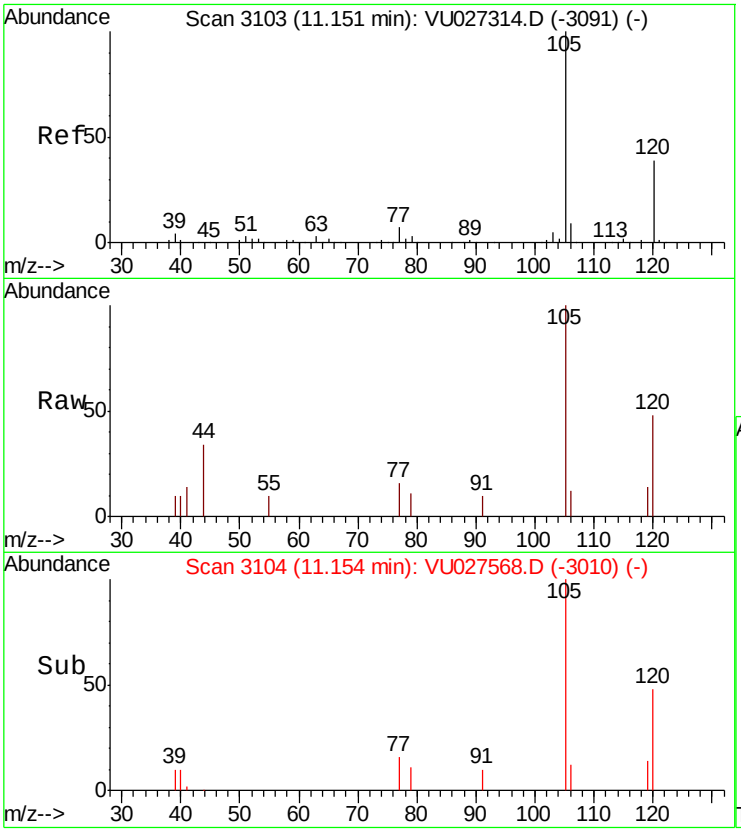


#81
trans-1,4-Dichloro-2-butene
Concen: 56.656 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Tgt Ion: 75 Resp: 52697

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



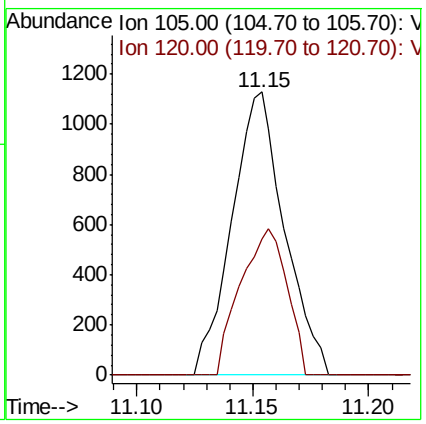


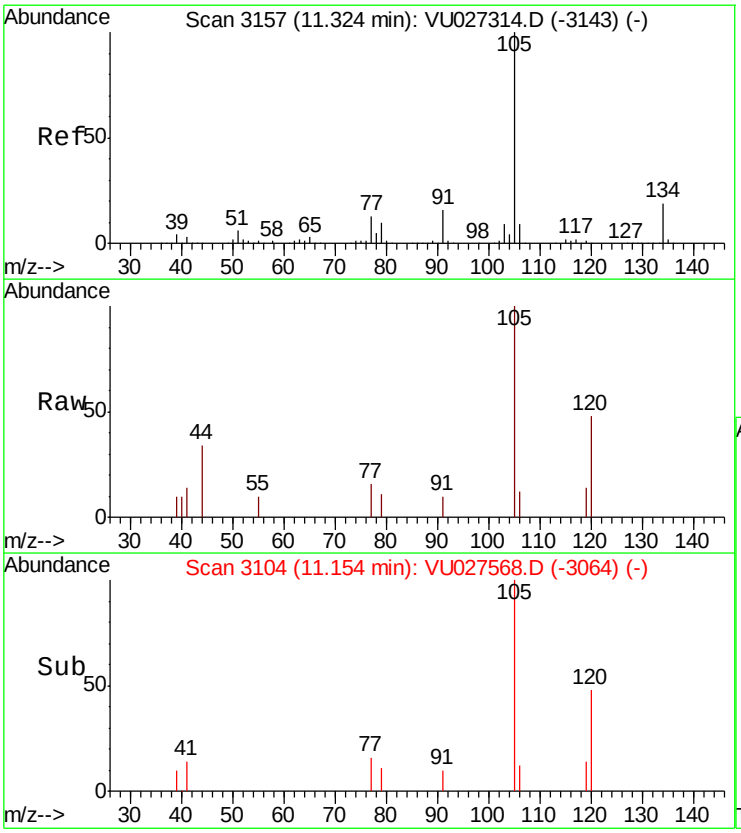
#84
1,2,4-Trimethylbenzene
Concen: 0.313 ug/l
RT: 11.15 min Scan# 3104
Delta R.T. 0.00 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Instrument :
MSVOA_U
ClientSampleId :
PB113684ZHE#12

Tgt Ion:105 Resp: 1778

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.1	66.5

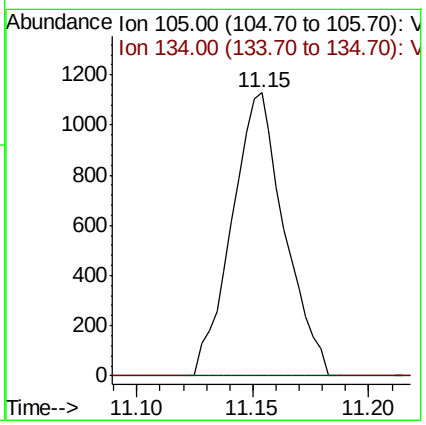


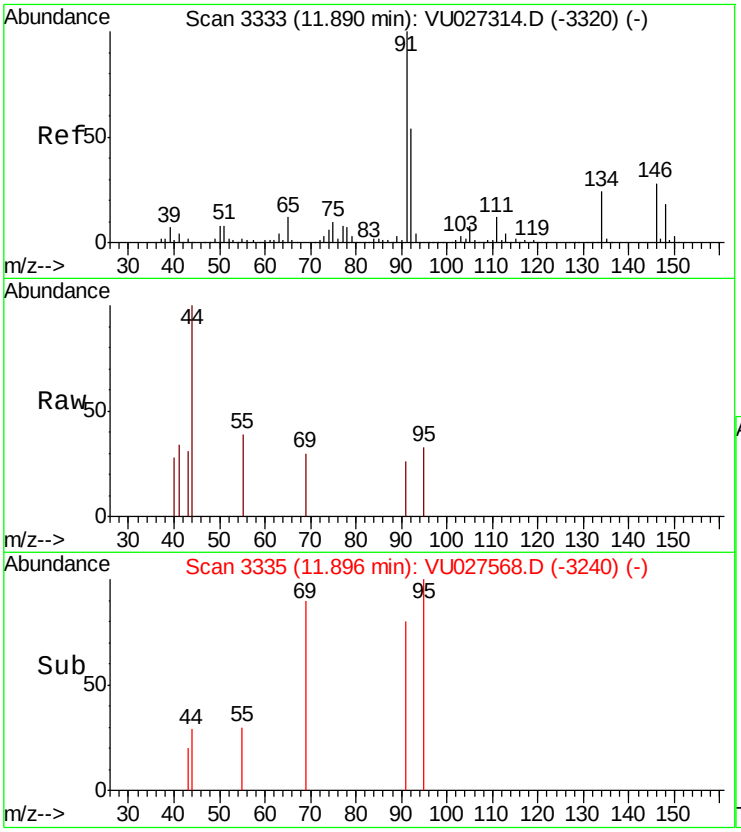


#85
sec-Butylbenzene
Concen: 0.263 ug/l
RT: 11.15 min Scan# 3104
Delta R.T. -0.17 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Tgt Ion:105 Resp: 1778

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.6	28.6#



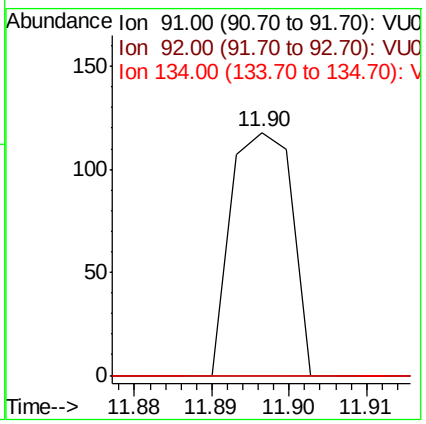


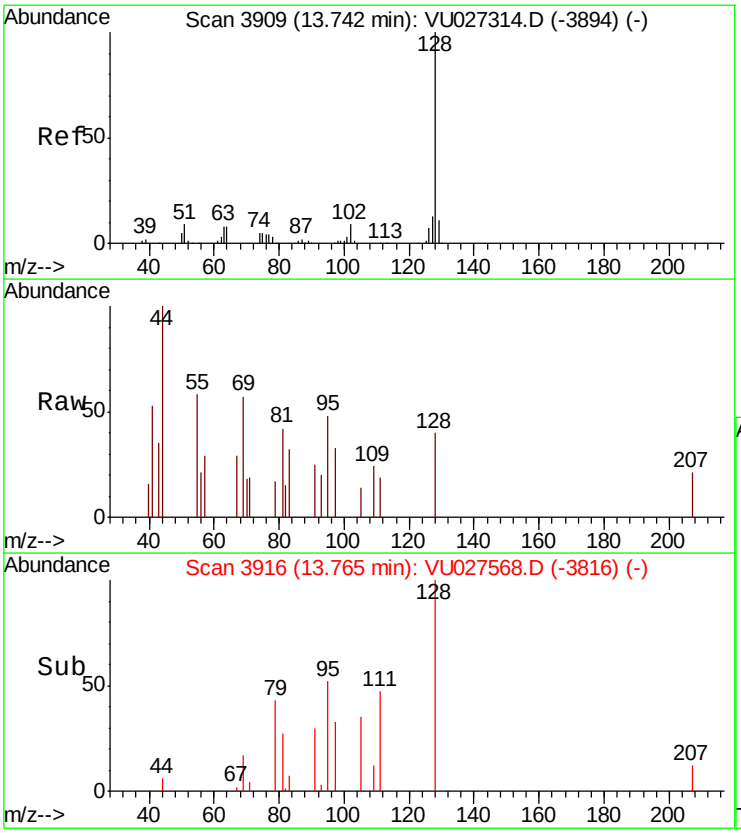
#89
n-Butylbenzene
Concen: 1.960 ug/l
RT: 11.90 min Scan# 3335
Delta R.T. 0.01 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Instrument : MSVOA_U
ClientSampleId : PB113684ZHE#12

Tgt Ion: 91 Resp: 65

Ion	Ratio	Lower	Upper
91	100		
92	0.0	27.0	81.0#
134	0.0	11.7	35.1#





#95
Naphthalene
Concen: 1.757 ug/l
RT: 13.76 min Scan# 3916
Delta R.T. 0.02 min
Lab File: VU027568.D
Acq: 10 Oct 2018 14:26

Tgt Ion:128 Resp: 714

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	6.0	8.6	12.8#