Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027559.D
Acq On : 10 Oct 2018 10:00
Operator : MD/SY
Sample : J5200-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OR-03-100818-A

Quant Time: Oct 11 04:02:14 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	143545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	245446	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	215314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	91961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	110261	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.00%			
35) Dibromofluoromethane	4.88	113	80037	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.16%			
50) Toluene-d8	7.57	98	309009	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.16%			
62) 4-Bromofluorobenzene	10.31	95	101102	43.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.42%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.83	59	852	1.688	ug/l #	72
14) Allyl chloride	2.70	41	1451	0.403	ug/l #	26
16) Acetone	2.32	43	29161	20.594	ug/l	95
18) Methyl Acetate	2.62	43	3256	1.008	ug/l	95
20) Methylene Chloride	2.70	84	30365	15.395	ug/l	97
25) 2-Butanone	4.28	43	5545	2.872	ug/l	96
29) Tetrahydrofuran	4.65	42	870	0.715	ug/l #	75
30) Chloroform	4.67	83	1187	0.355	ug/l	91
31) Cyclohexane	4.99	56	3246	0.609	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	12649	4.746	ug/l #	49
38) Carbon Tetrachloride	4.99	117	14079	5.848	ug/l #	17
43) Isopropyl Acetate	5.55	43	116678	21.812	ug/l	99
48) Methyl methacrylate	6.71	41	9536	3.585	ug/l #	44
51) 4-Methyl-2-Pentanone	7.47	43	1237	0.356	ug/l #	80
52) Toluene	7.64	92	2778	0.605	ug/l	96
56) Ethyl methacrylate	7.78	69	992	2.543	ug/l #	69
59) 2-Hexanone	8.38	43	988	0.366	ug/l	93
67) Ethyl Benzene	9.25	91	3123	0.389	ug/l	91
68) m/p-Xylenes	9.38	106	3575	1.217	ug/l	96
69) o-Xylene	9.78	106	1302	0.466	ug/l	97
70) Styrene	9.81	104	581	2.405	ug/l #	83
76) 1,2,3-Trichloropropane	10.31	75	52887	22.186	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.77	105	1906	0.351	ug/l	94
81) trans-1,4-Dichloro-2-buten	10.31	75	52887	58.062	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	5430	0.978	ug/l	99
89) n-Butylbenzene	11.89	91	868	2.088	ug/l #	73
93) 1,2,4-Trichlorobenzene	13.50	180	455	0.246	ug/l	78
95) Naphthalene	13.74	128	241024	35.176	ug/l	100

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

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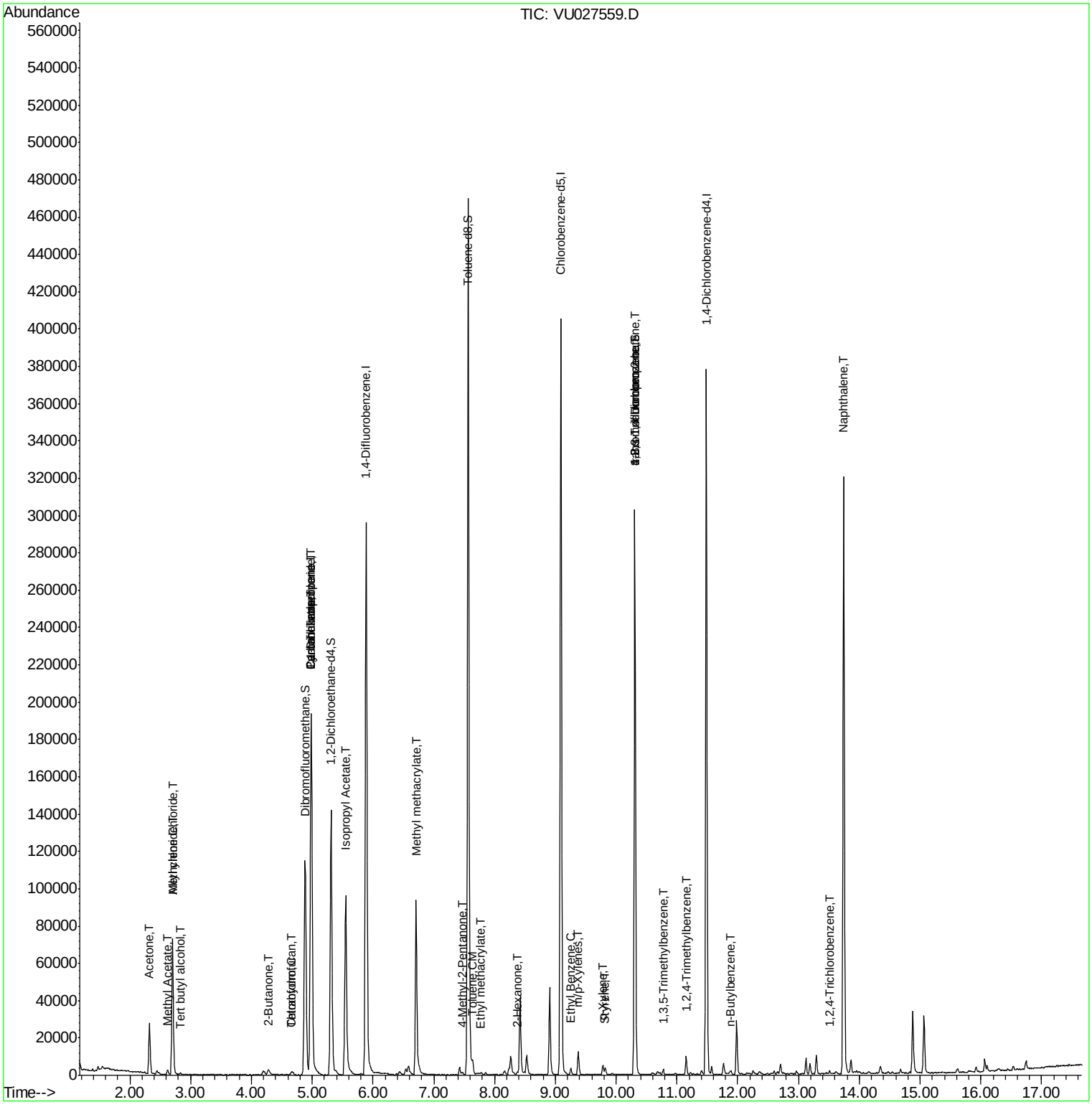
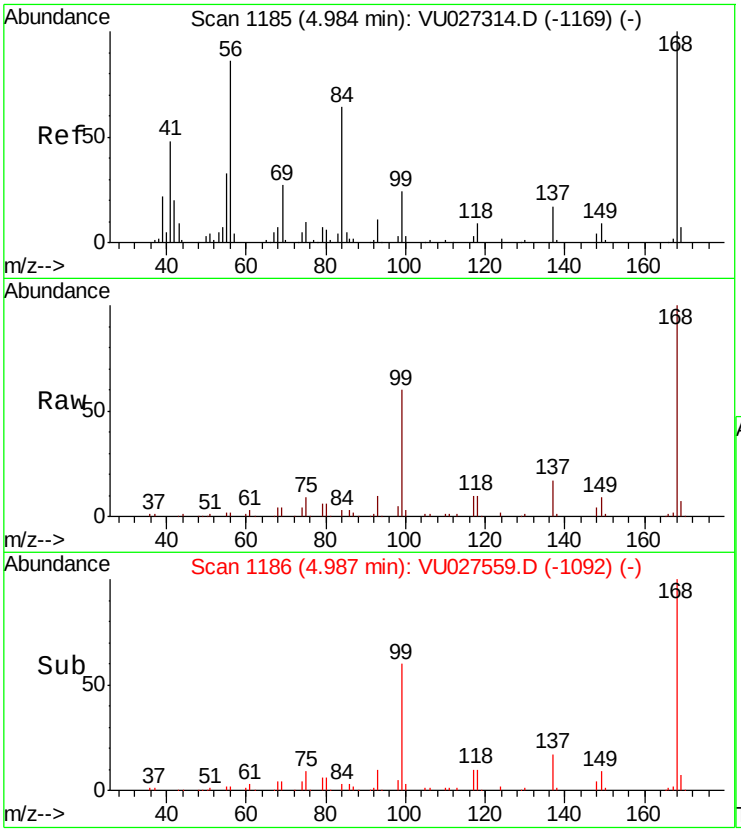
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OR-03-100818-A

Quant Time: Oct 11 04:02:14 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



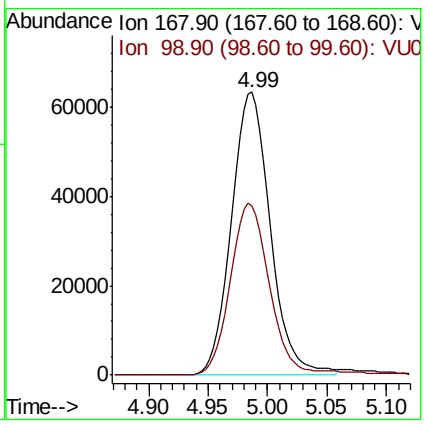


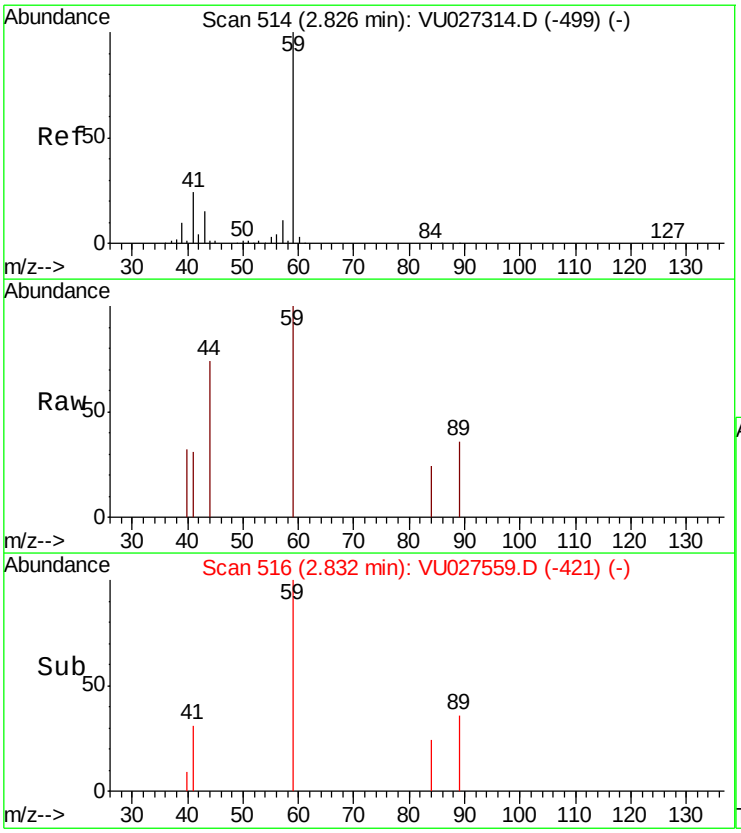
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_U
ClientSampleId :
OR-03-100818-A

Tgt Ion:168 Resp: 143545

Ion	Ratio	Lower	Upper
168	100		
99	60.0	50.8	76.2

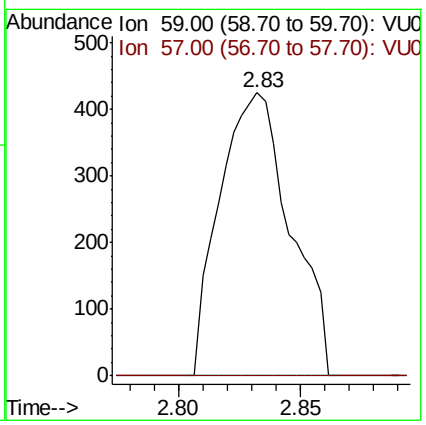


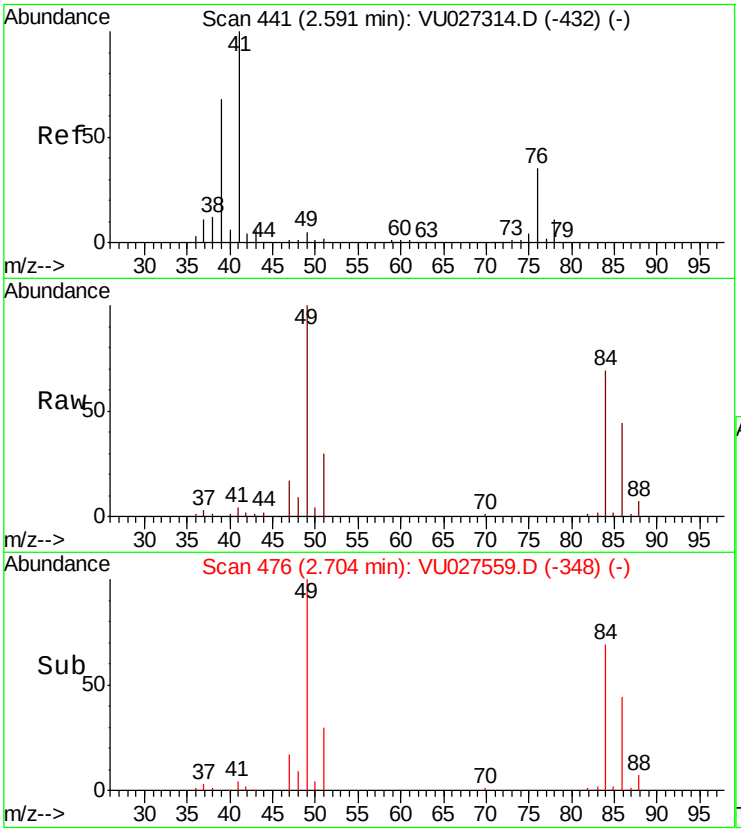


#11
Tert butyl alcohol
Concen: 1.688 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.01 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 59 Resp: 852

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



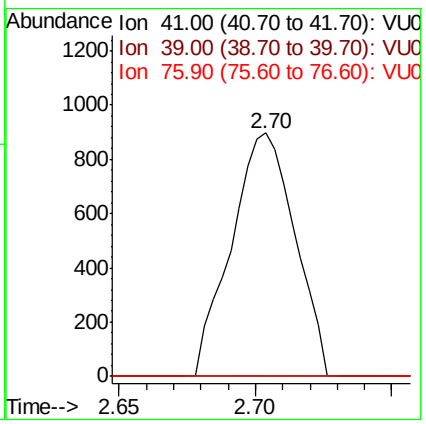


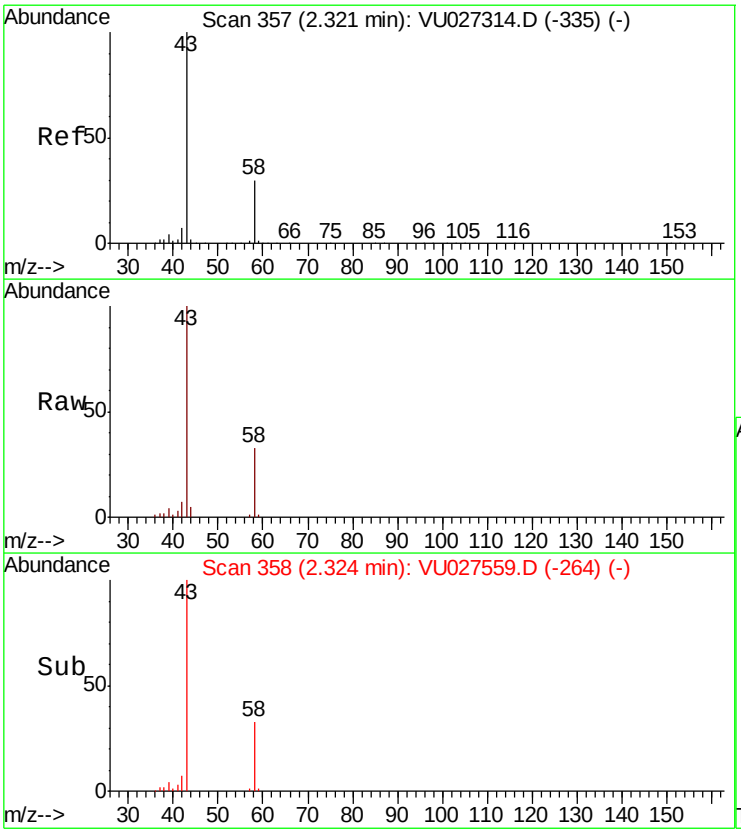
#14
Allyl chloride
Concen: 0.403 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.11 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_U
ClientSampleId :
OR-03-100818-A

Tgt Ion: 41 Resp: 1451

Ion	Ratio	Lower	Upper
41	100		
39	0.0	51.8	77.8#
76	0.0	25.9	38.9#

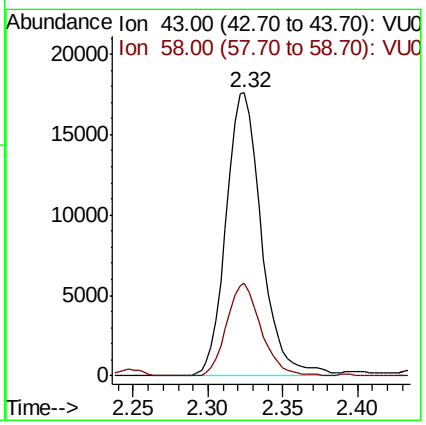


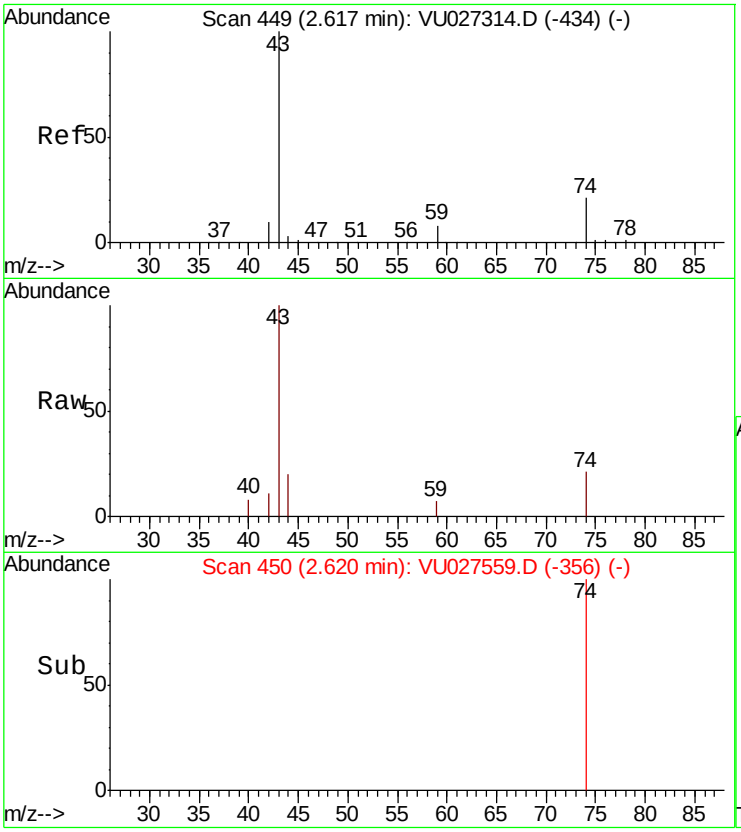


#16
Acetone
Concen: 20.594 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 43 Resp: 29161

Ion	Ratio	Lower	Upper
43	100		
58	32.8	24.2	36.4



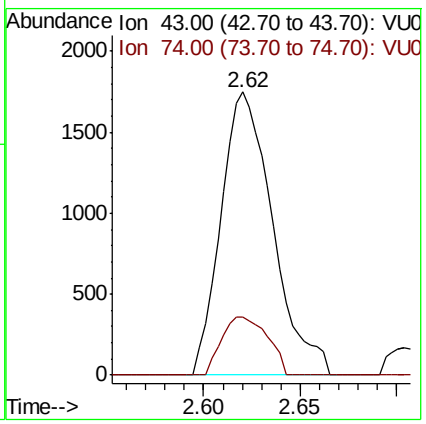


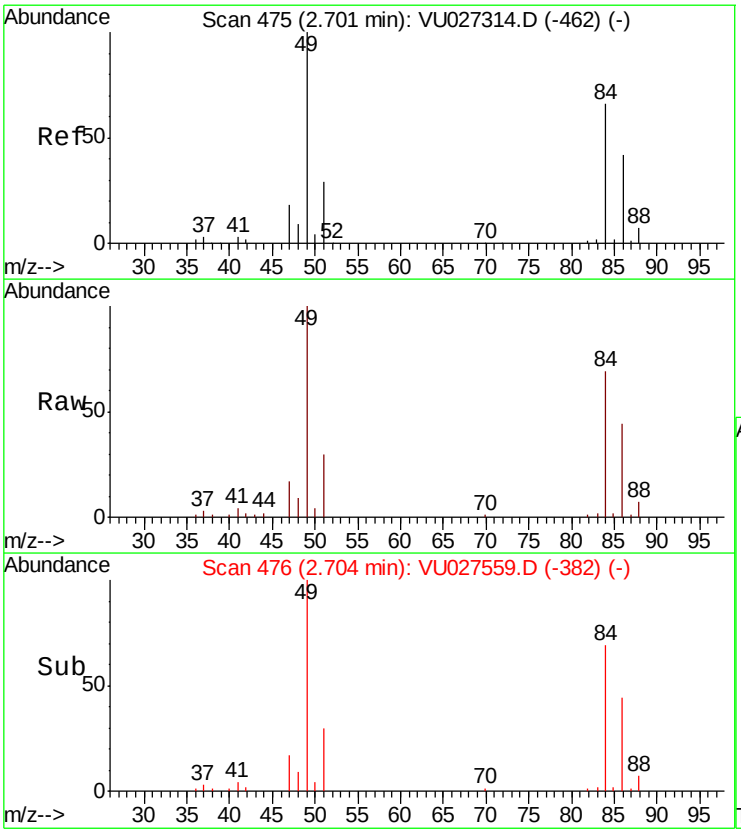
#18
Methyl Acetate
Concen: 1.008 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_U
ClientSampleId :
OR-03-100818-A

Tgt Ion: 43 Resp: 3256

Ion	Ratio	Lower	Upper
43	100		
74	18.3	16.5	24.7

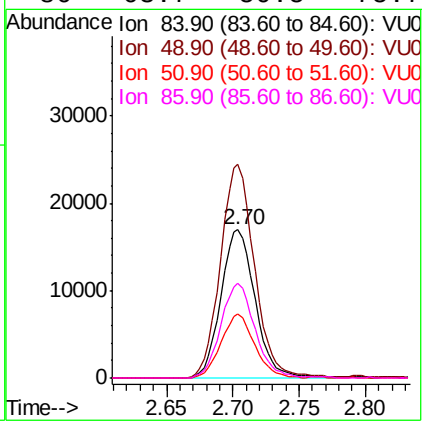


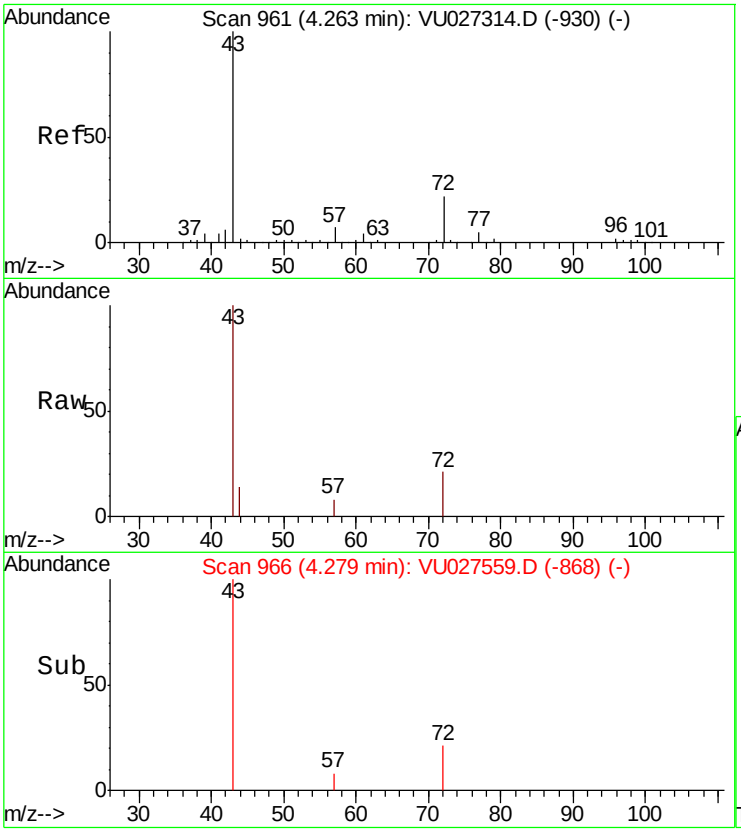


#20
Methylene Chloride
Concen: 15.395 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 84 Resp: 30365

Ion	Ratio	Lower	Upper
84	100		
49	144.3	120.5	180.7
51	42.9	35.1	52.7
86	63.7	50.5	75.7



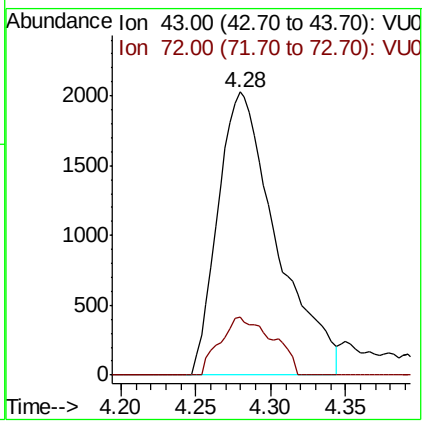


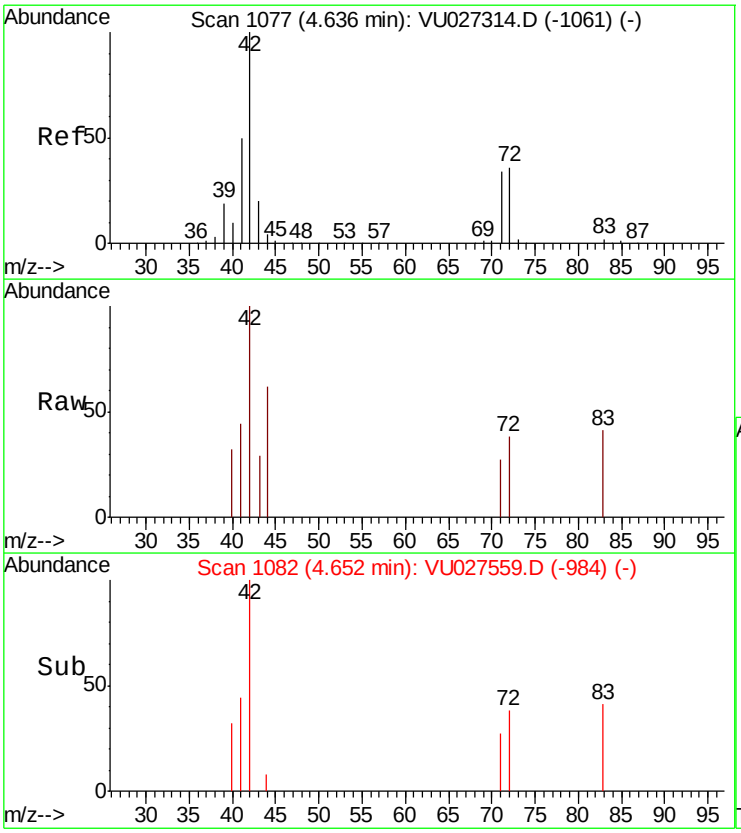
#25
2-Butanone
Concen: 2.872 ug/l
RT: 4.28 min Scan# 966
Delta R.T. 0.02 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument : MSVOA_U
ClientSampleId : OR-03-100818-A

Tgt Ion: 43 Resp: 5545

Ion	Ratio	Lower	Upper
43	100		
72	20.5	17.8	26.6

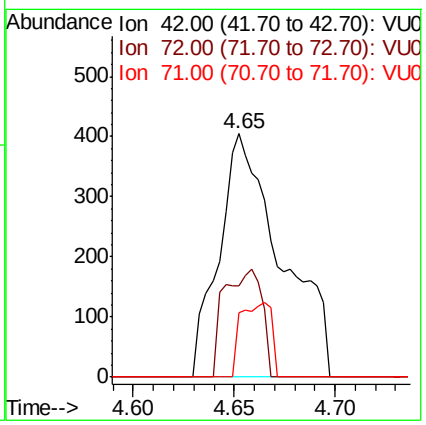


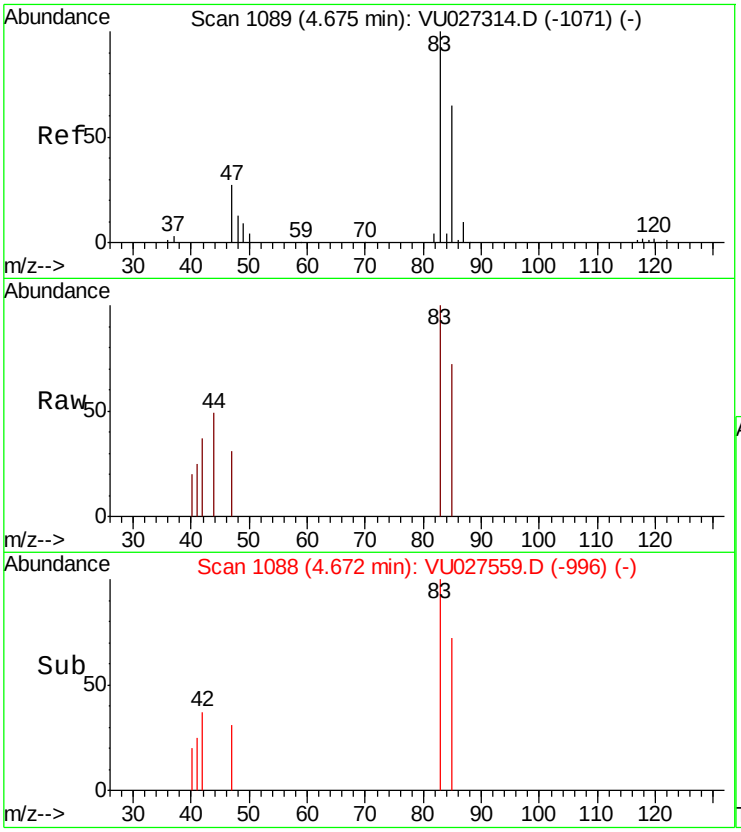


#29
Tetrahydrofuran
Concen: 0.715 ug/l
RT: 4.65 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 42 Resp: 870

Ion	Ratio	Lower	Upper
42	100		
72	27.0	30.1	45.1#
71	15.3	27.7	41.5#



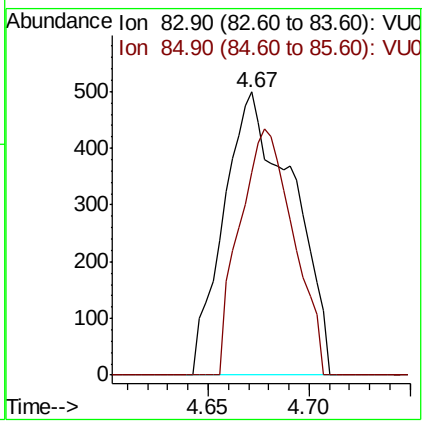


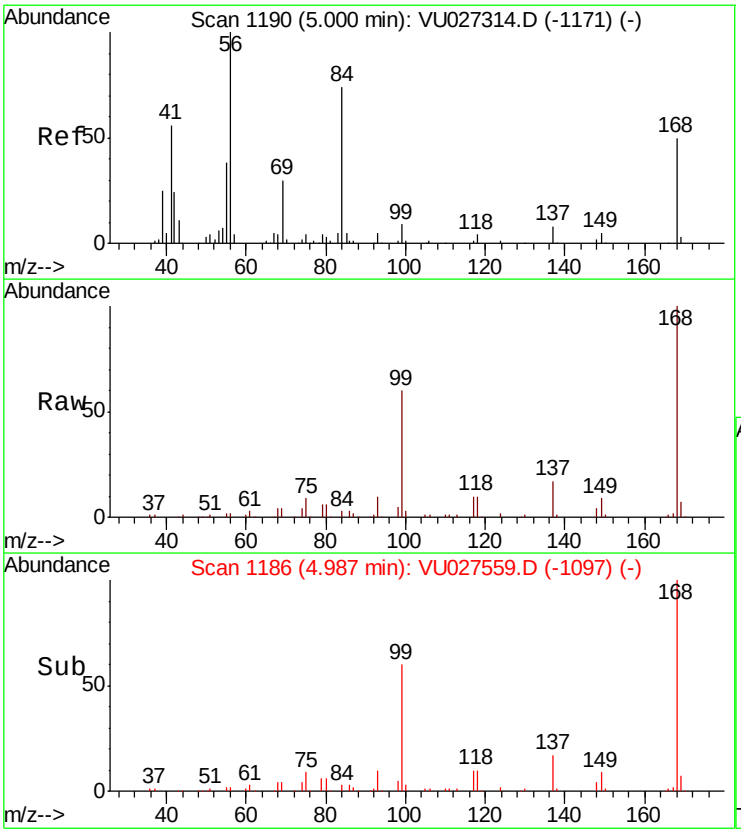
#30
Chloroform
Concen: 0.355 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_U
ClientSampleId :
OR-03-100818-A

Tgt Ion: 83 Resp: 1187

Ion	Ratio	Lower	Upper
83	100		
85	71.5	51.8	77.6

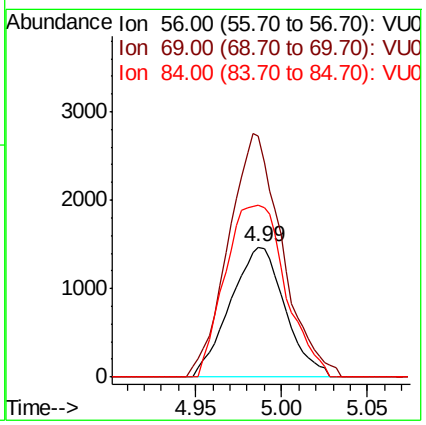


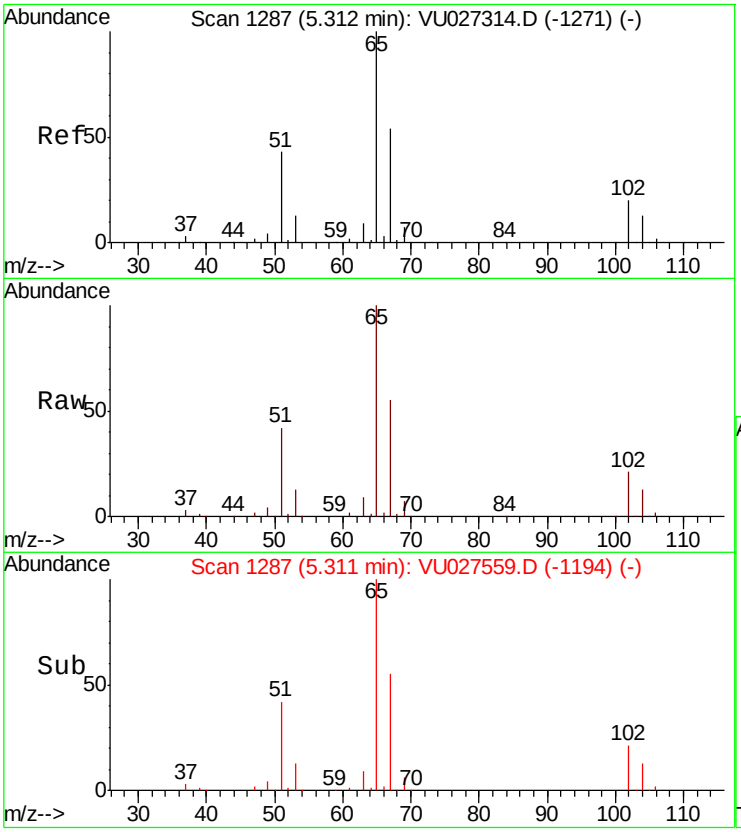


#31
Cyclohexane
Concen: 0.609 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 56 Resp: 3246

Ion	Ratio	Lower	Upper
56	100		
69	185.1	24.1	36.1#
84	131.6	59.1	88.7#



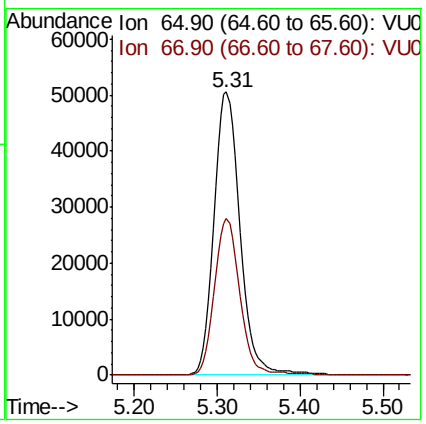


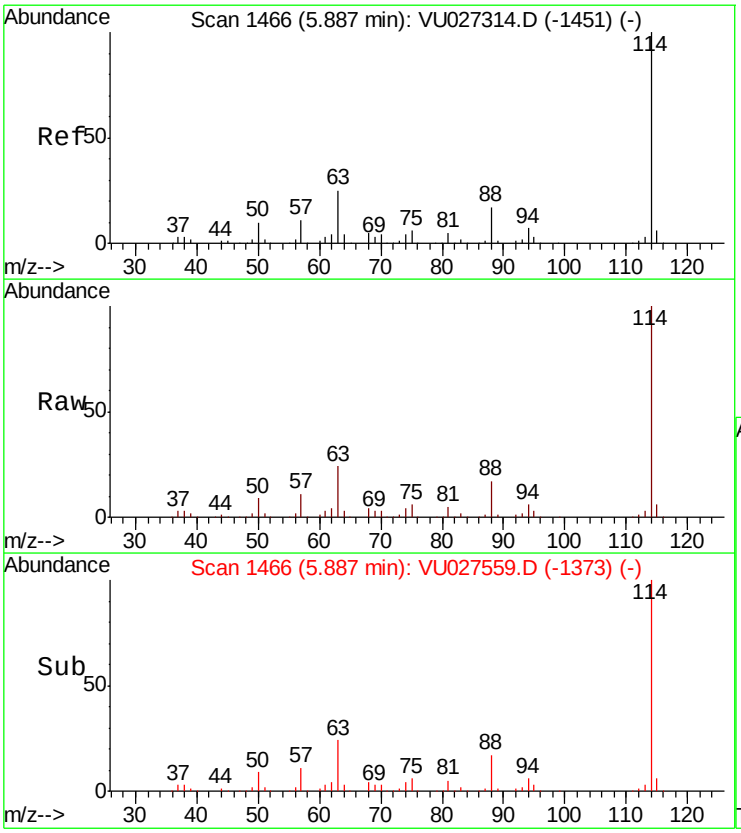
#33
1,2-Dichloroethane-d4
Concen: 46.001 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument : MSVOA_U
ClientSampleId : OR-03-100818-A

Tgt Ion: 65 Resp: 110261

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.8

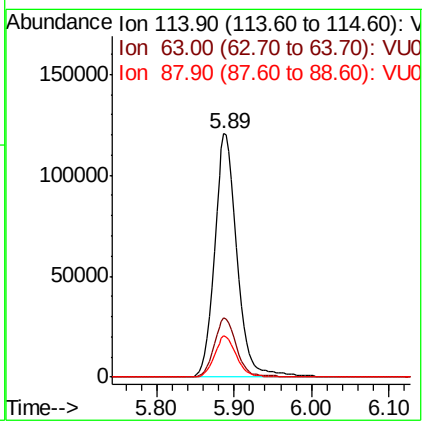


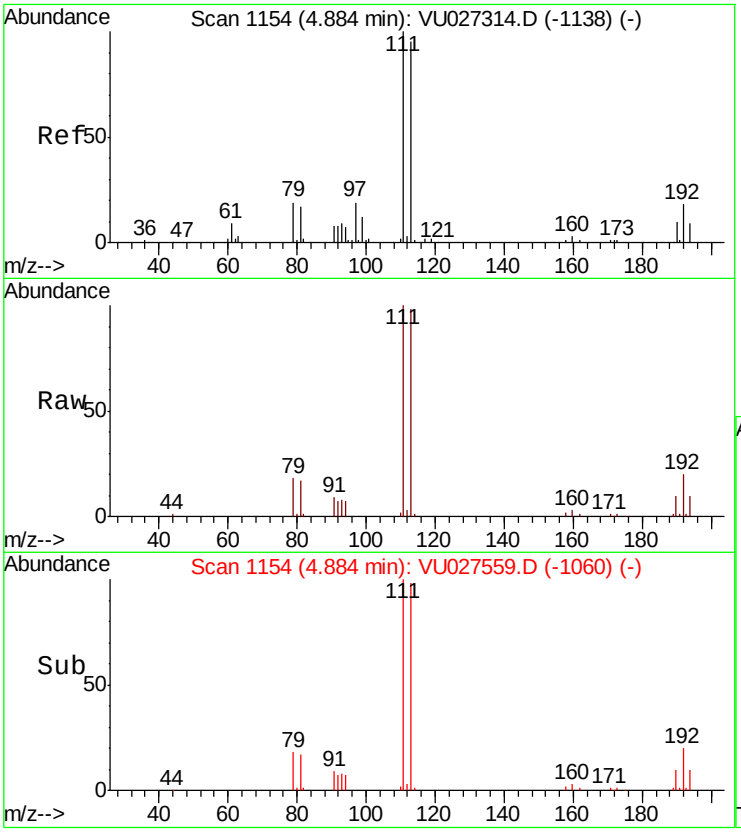


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. -0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion:114 Resp: 245446

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	50.2
88	16.8	0.0	33.8



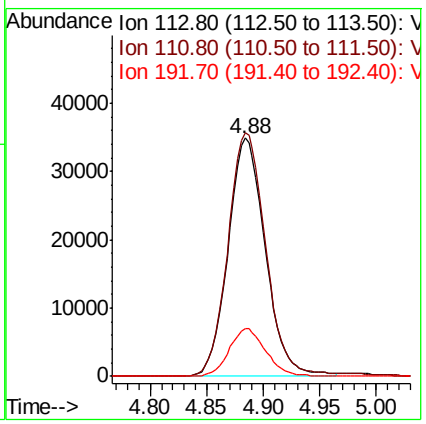


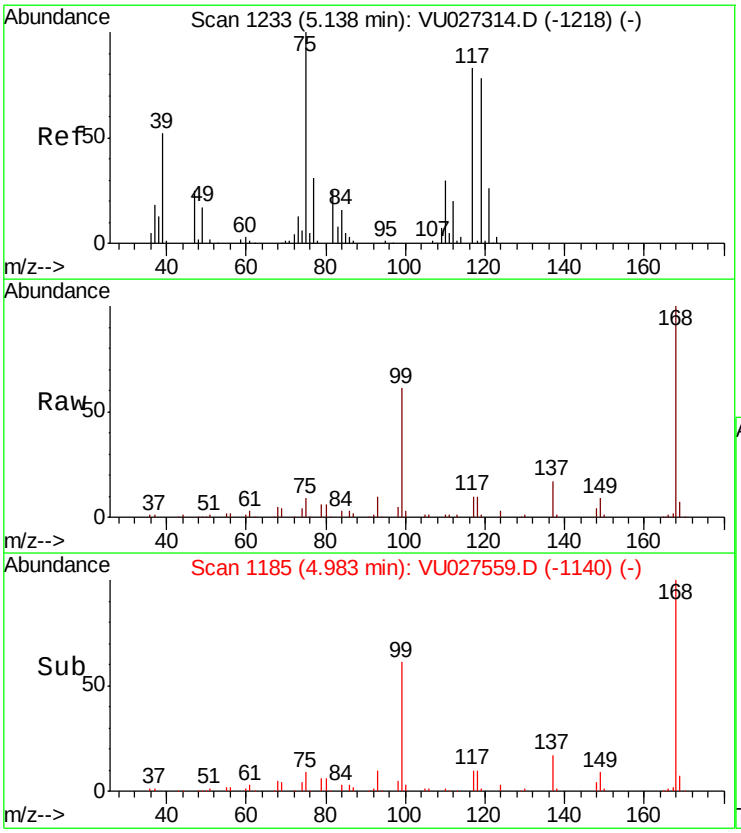
#35
Dibromofluoromethane
Concen: 47.581 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_U
ClientSampleId :
OR-03-100818-A

Tgt Ion:113 Resp: 80037

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.1	124.7
192	19.7	15.4	23.0

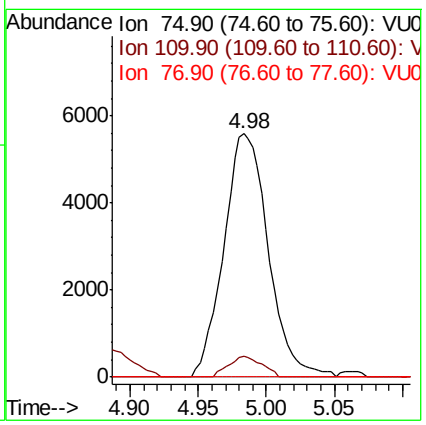


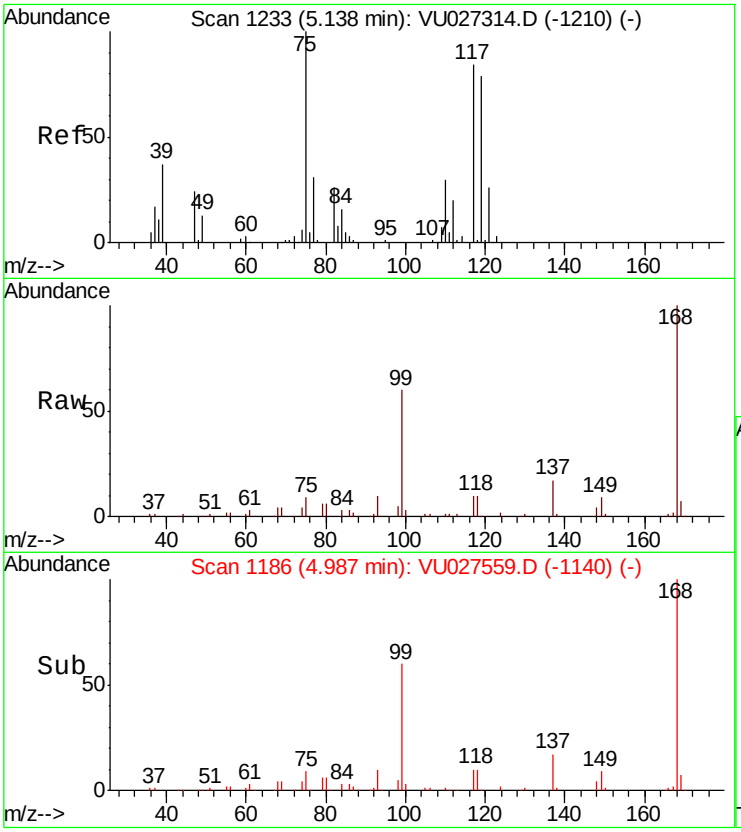


#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 75 Resp: 12649

Ion	Ratio	Lower	Upper
75	100		
110	6.4	15.5	46.5#
77	0.0	25.4	38.0#



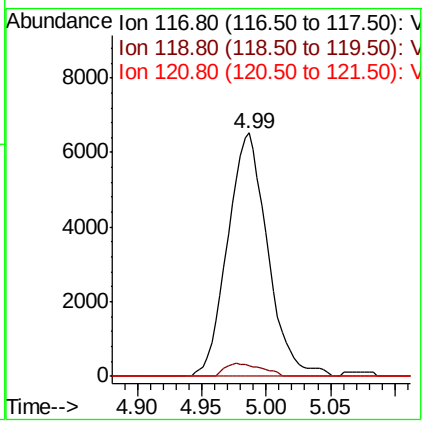


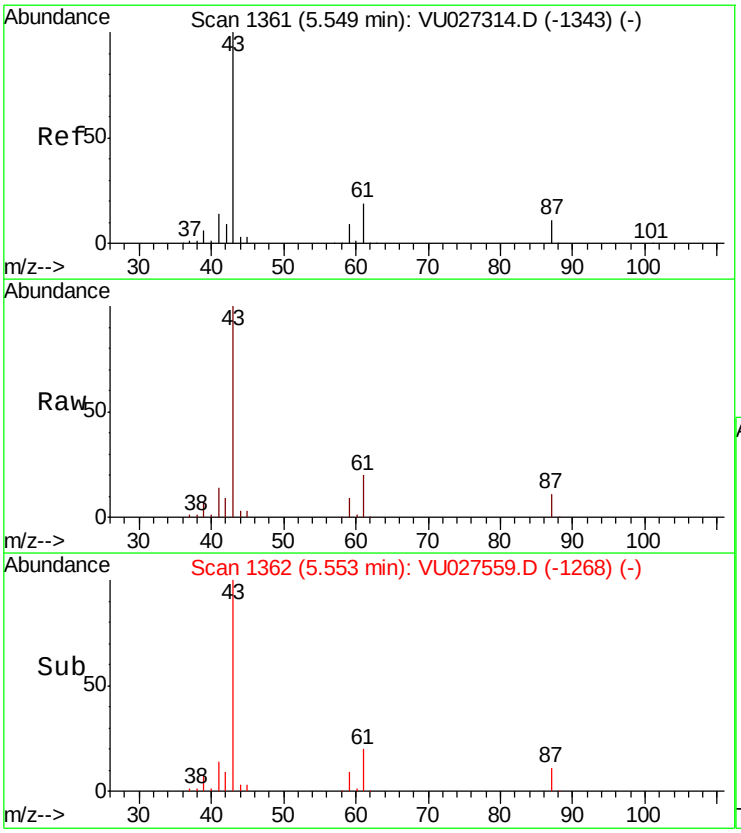
#38
Carbon Tetrachloride
Concen: 5.848 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument : MSVOA_U
ClientSampleId : OR-03-100818-A

Tgt Ion:117 Resp: 14079

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

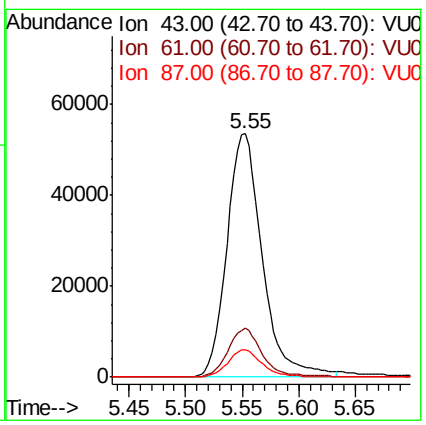


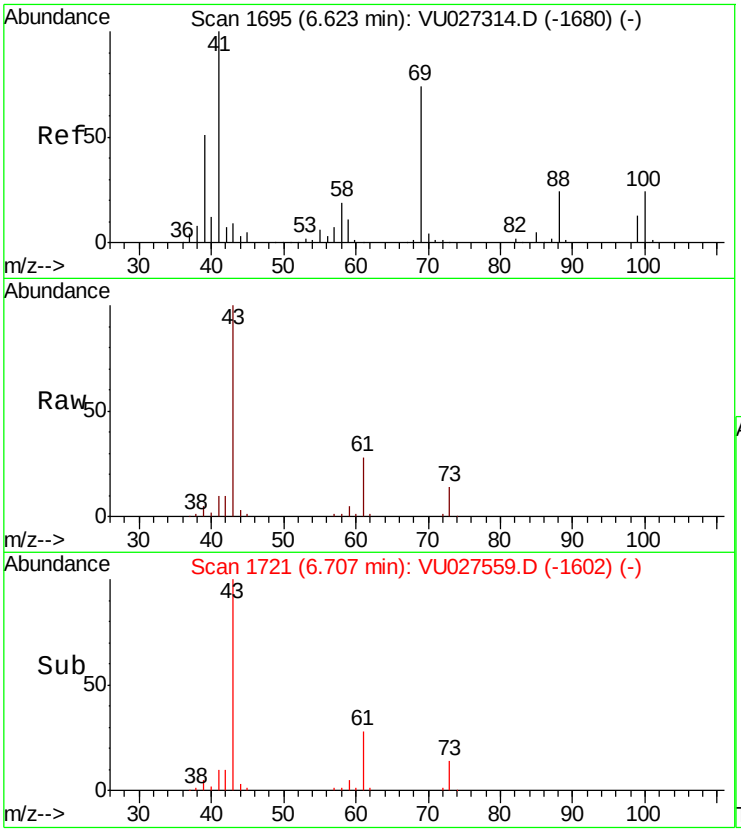


#43
Isopropyl Acetate
Concen: 21.812 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 43 Resp: 116678

Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.3	22.9
87	11.0	8.6	13.0



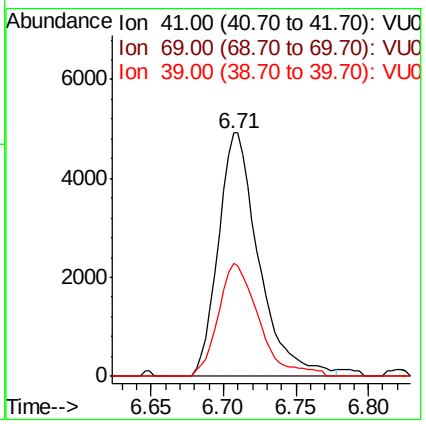


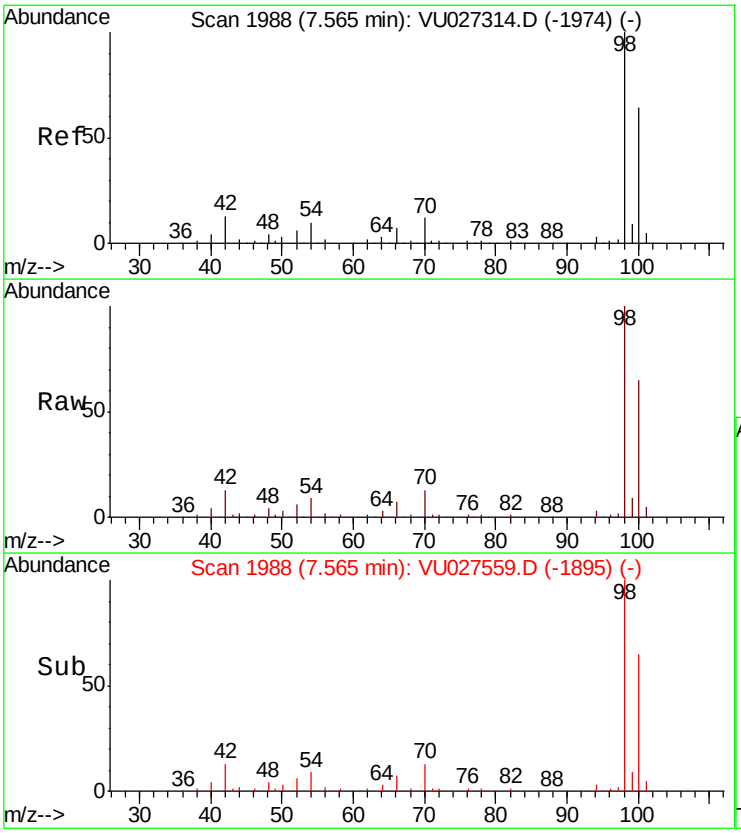
#48
Methyl methacrylate
Concen: 3.585 ug/l
RT: 6.71 min Scan# 1721
Delta R.T. 0.08 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_U
ClientSampleId :
OR-03-100818-A

Tgt Ion: 41 Resp: 9536

Ion	Ratio	Lower	Upper
41	100		
69	0.0	61.0	91.4#
39	46.3	39.9	59.9

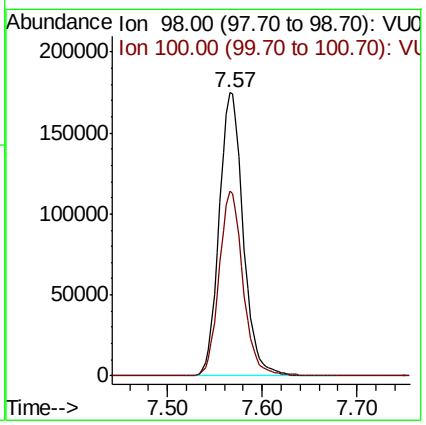


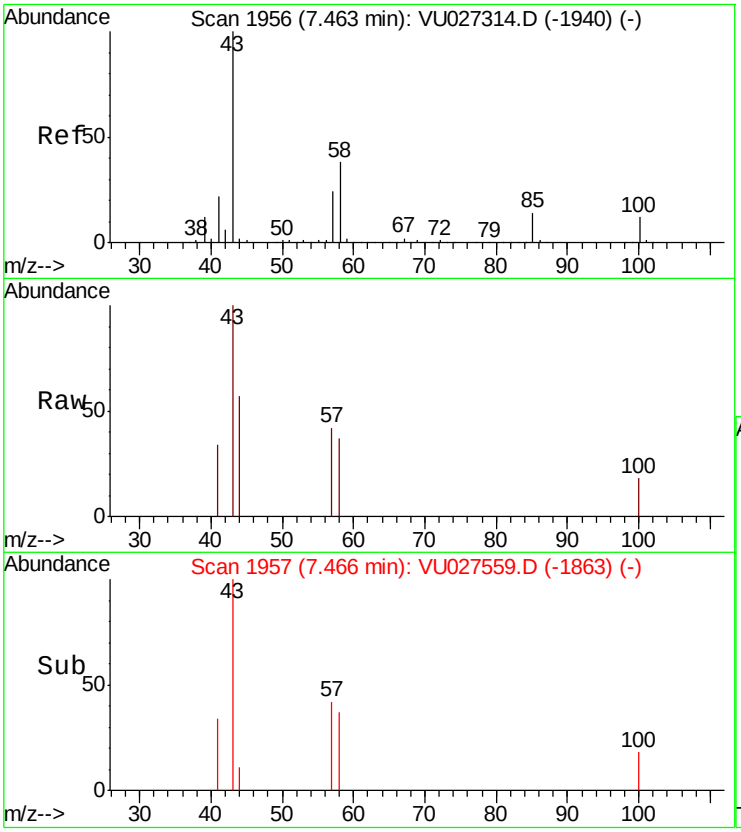


#50
Toluene-d8
Concen: 49.083 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 98 Resp: 309009

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.1	78.1



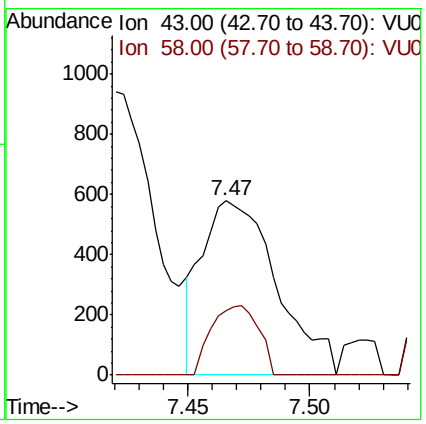


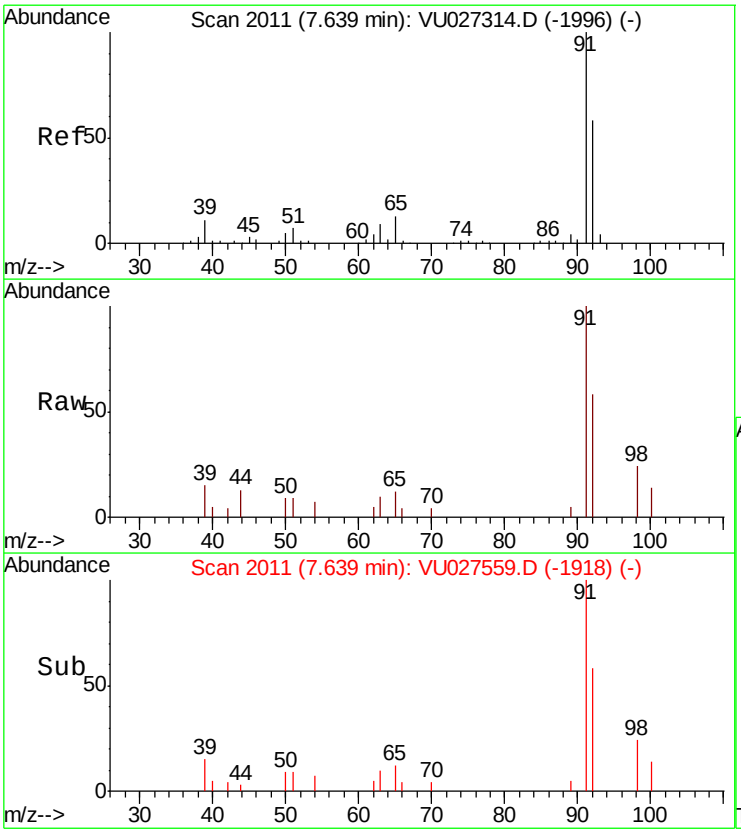
#51
4-Methyl-2-Pentanone
Concen: 0.356 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_U
ClientSampleId :
OR-03-100818-A

Tgt Ion: 43 Resp: 1237

Ion	Ratio	Lower	Upper
43	100		
58	25.1	29.8	44.8#

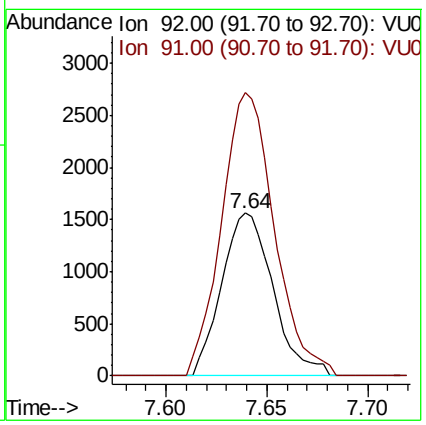


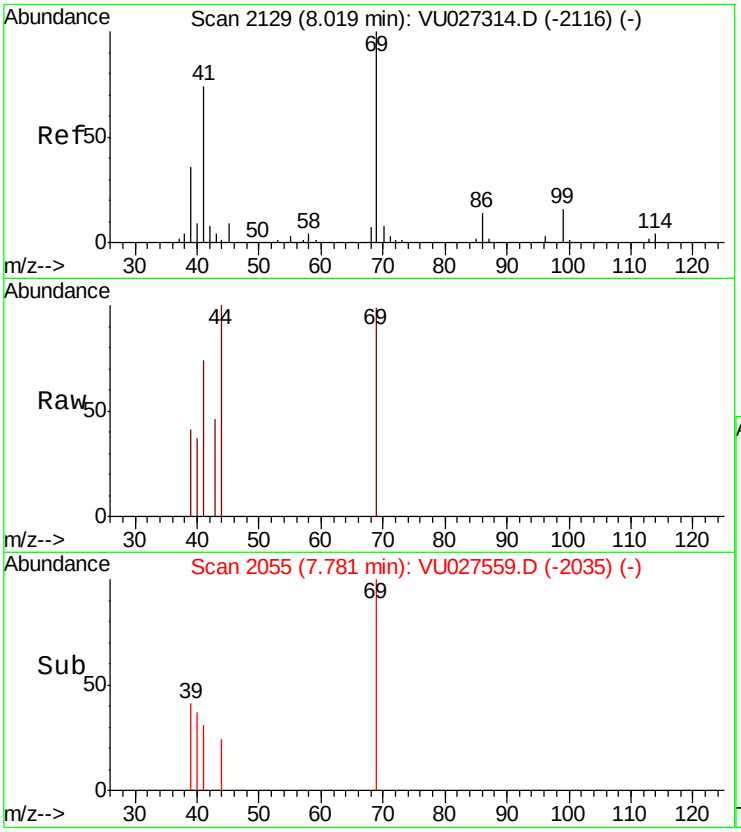


#52
Toluene
Concen: 0.605 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 92 Resp: 2778

Ion	Ratio	Lower	Upper
92	100		
91	179.3	138.6	208.0



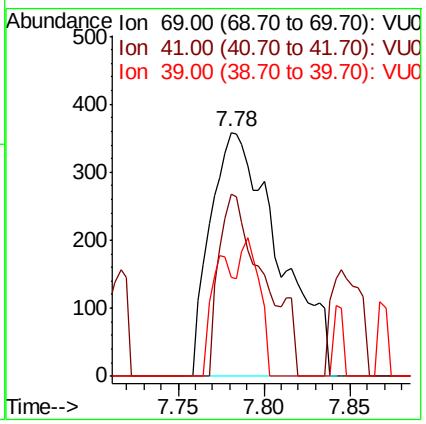


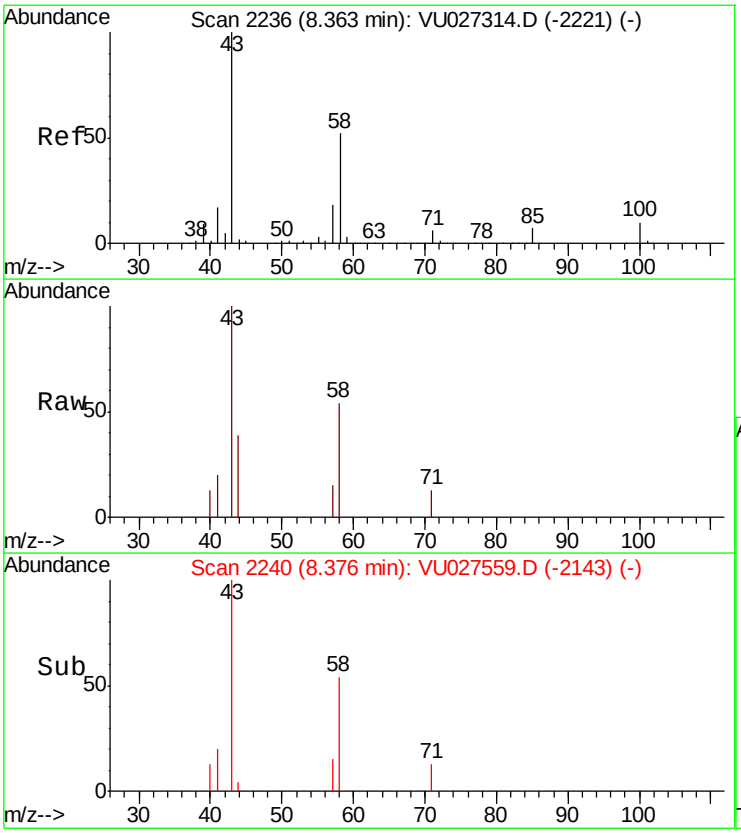
#56
Ethyl methacrylate
Concen: 2.543 ug/l
RT: 7.78 min Scan# 2055
Delta R.T. -0.24 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_U
ClientSampleId :
OR-03-100818-A

Tgt Ion: 69 Resp: 992

Ion	Ratio	Lower	Upper
69	100		
41	49.3	60.0	90.0#
39	17.5	29.5	44.3#

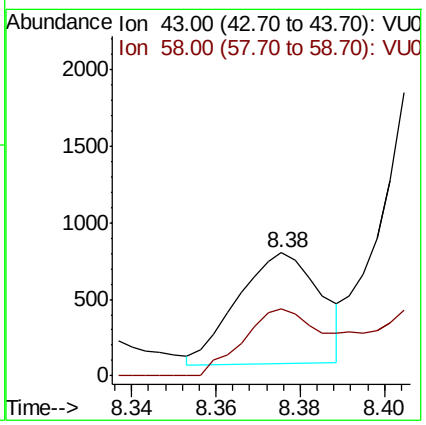


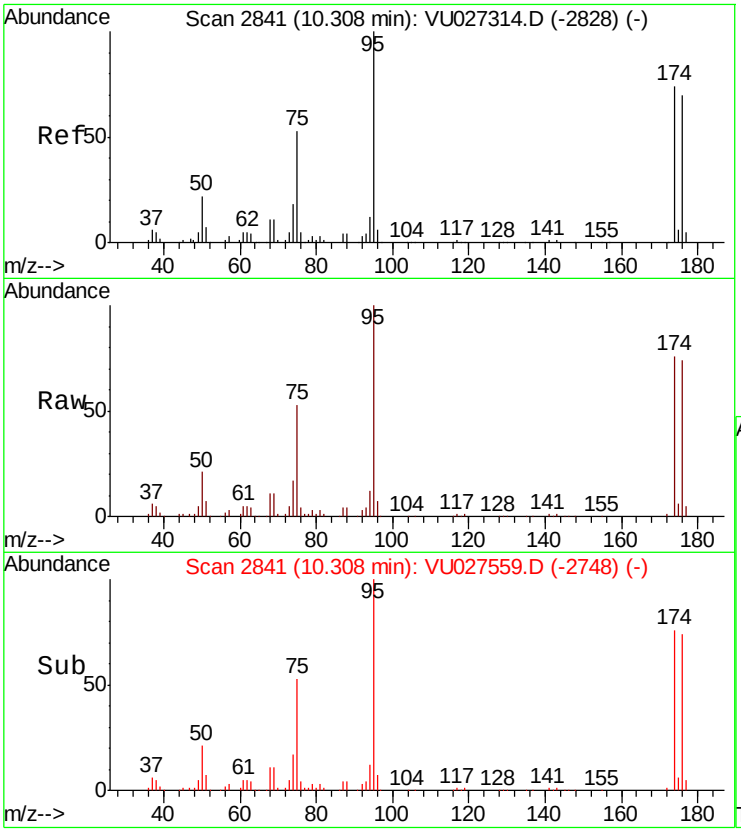


#59
2-Hexanone
Concen: 0.366 ug/l
RT: 8.38 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 43 Resp: 988

Ion	Ratio	Lower	Upper
43	100		
58	56.8	26.1	78.3



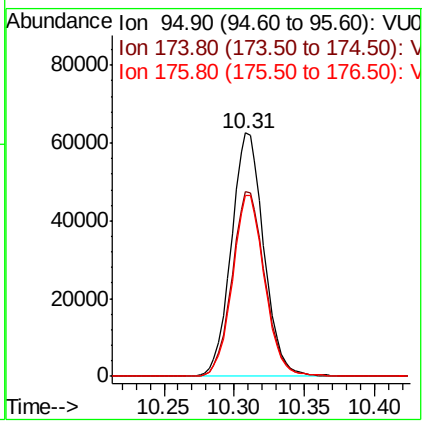


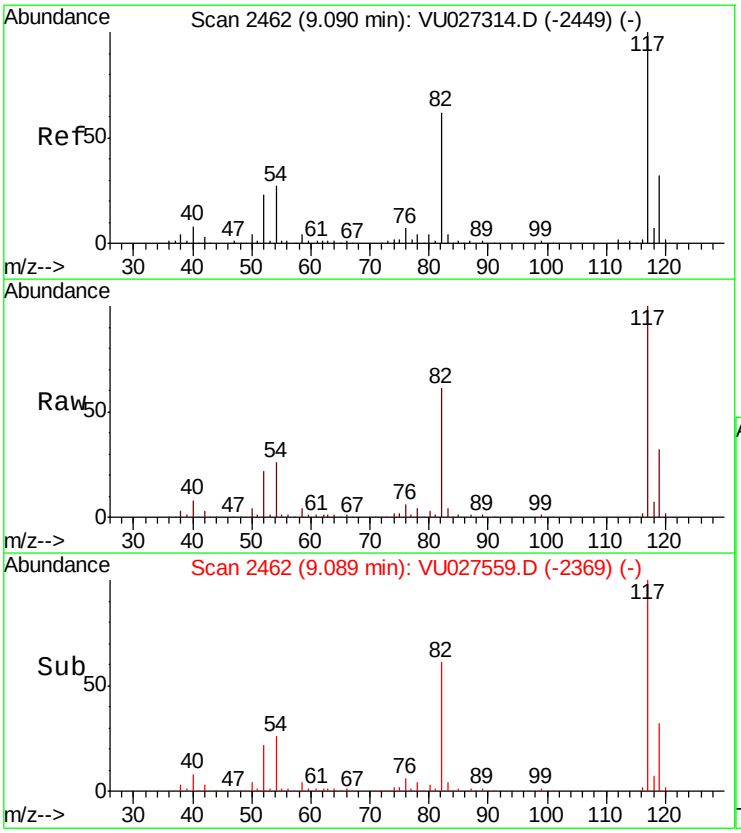
#62
4-Bromofluorobenzene
Concen: 43.211 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_U
ClientSampleId :
OR-03-100818-A

Tgt Ion: 95 Resp: 101102

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	147.8
176	73.4	0.0	140.8

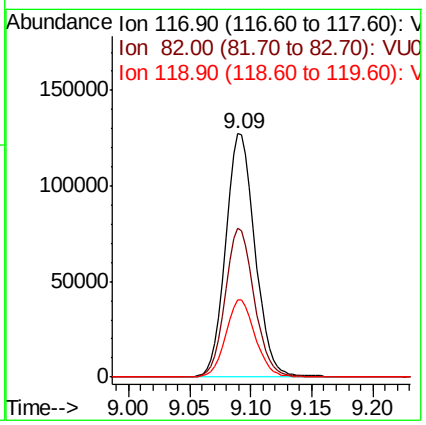


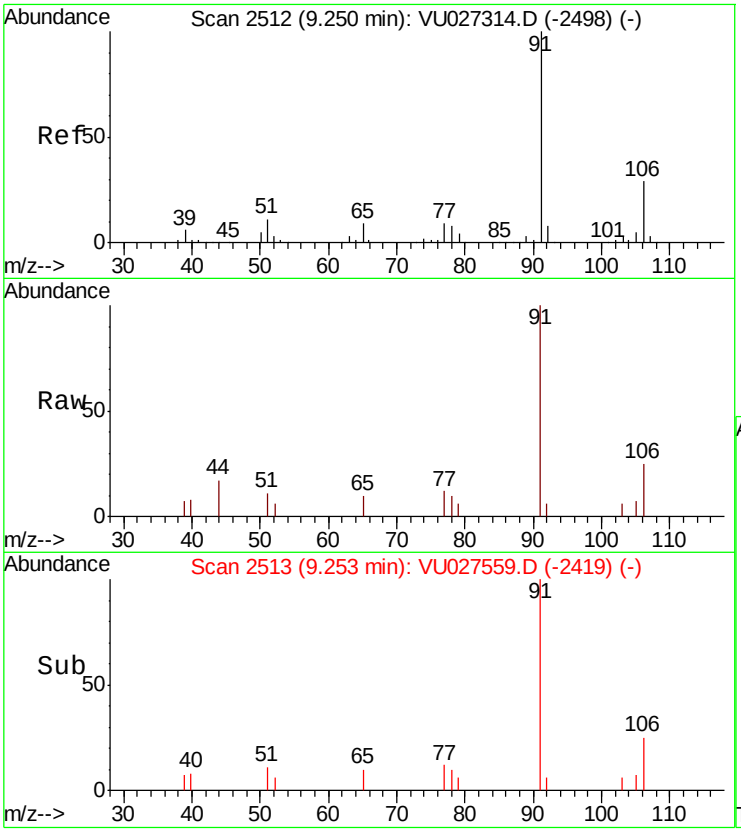


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion:117 Resp: 215314

Ion	Ratio	Lower	Upper
117	100		
82	61.3	49.2	73.8
119	31.5	25.7	38.5



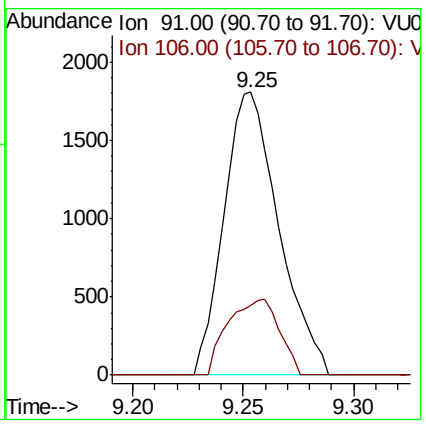


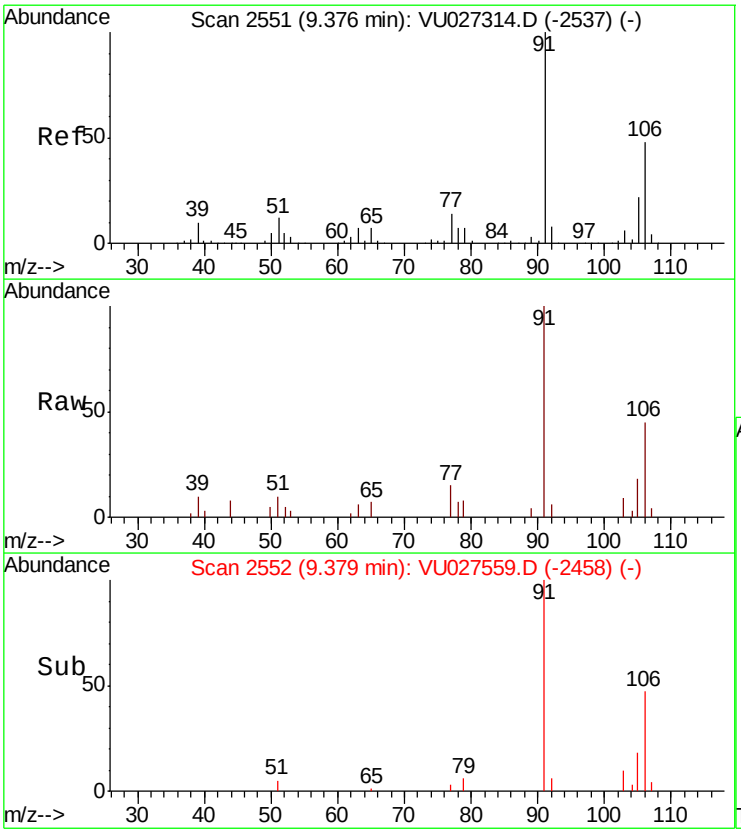
#67
Ethyl Benzene
Concen: 0.389 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument : MSVOA_U
ClientSampleId : OR-03-100818-A

Tgt Ion: 91 Resp: 3123

Ion	Ratio	Lower	Upper
91	100		
106	24.8	23.6	35.4

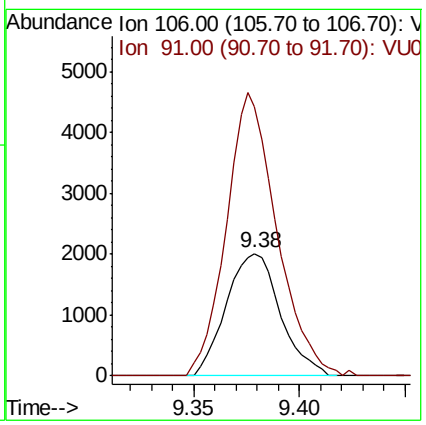


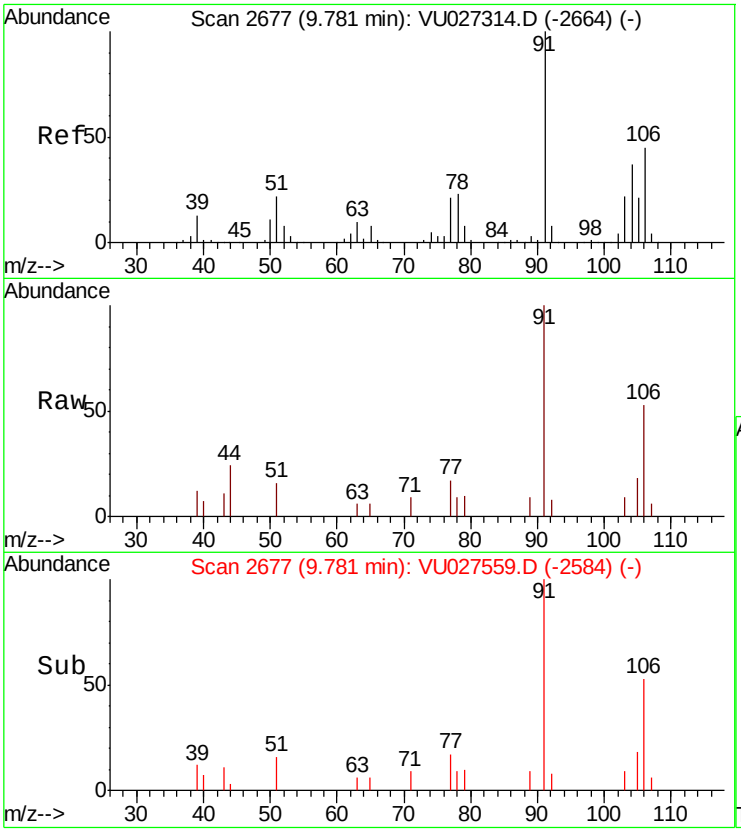


#68
m/p-Xylenes
Concen: 1.217 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion:106 Resp: 3575

Ion	Ratio	Lower	Upper
106	100		
91	216.4	168.1	252.1



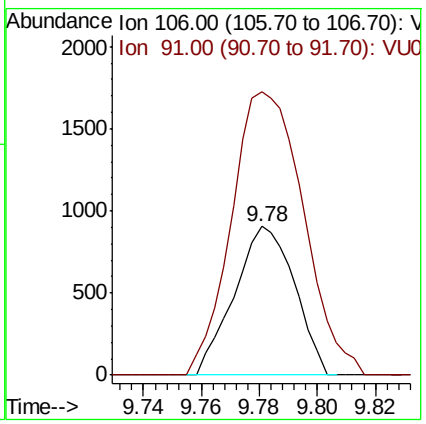


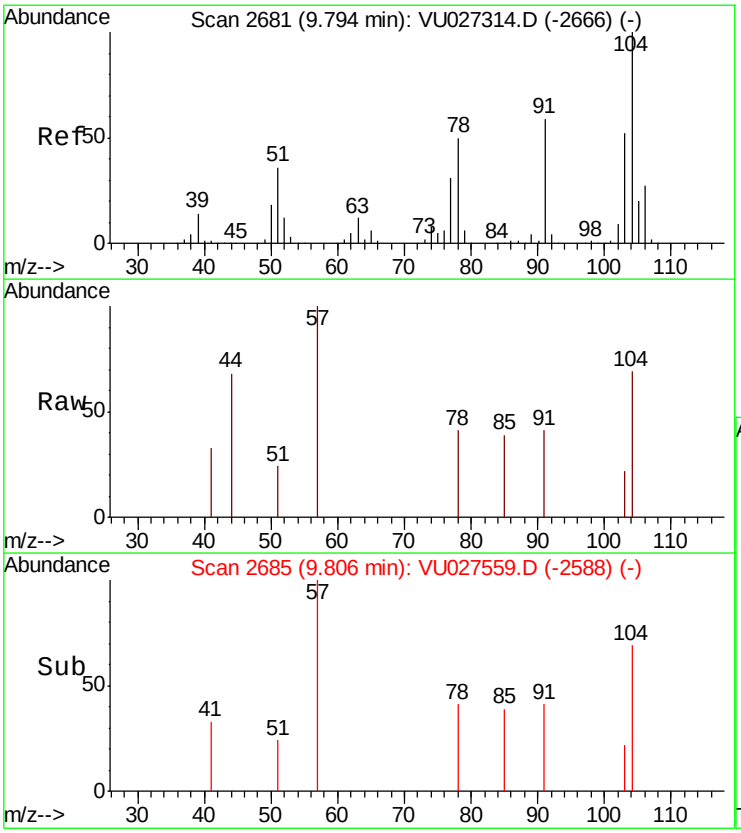
#69
o-Xylene
Concen: 0.466 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_U
ClientSampleId :
OR-03-100818-A

Tgt Ion:106 Resp: 1302

Ion	Ratio	Lower	Upper
106	100		
91	228.5	111.7	334.9

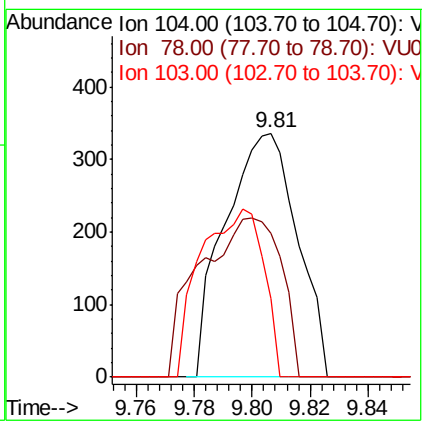


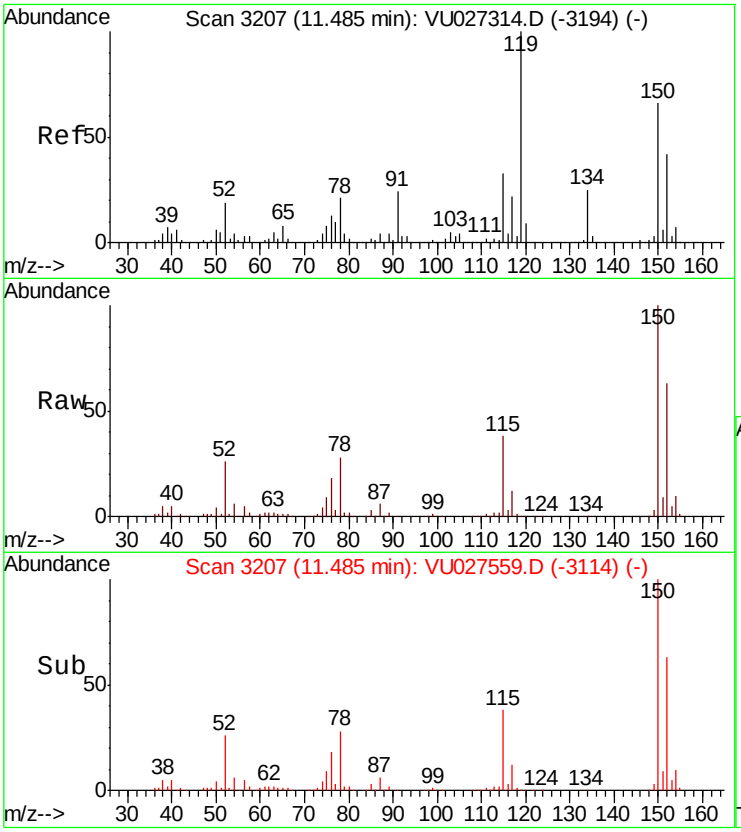


#70
Styrene
Concen: 2.405 ug/l
RT: 9.81 min Scan# 2685
Delta R.T. 0.01 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion:104 Resp: 581

Ion	Ratio	Lower	Upper
104	100		
78	73.8	42.9	64.3#
103	59.7	43.9	65.9



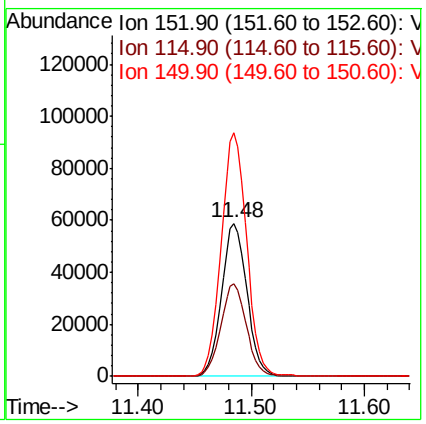


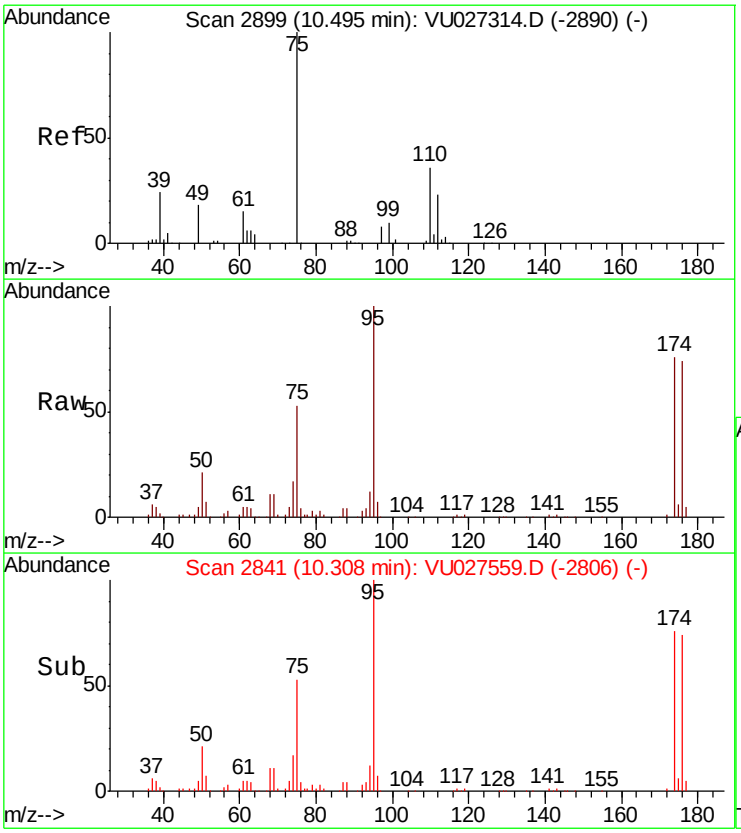
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument : MSVOA_U
ClientSampleId : OR-03-100818-A

Tgt Ion:152 Resp: 91961

Ion	Ratio	Lower	Upper
152	100		
115	60.5	43.4	130.2
150	159.8	0.0	349.2

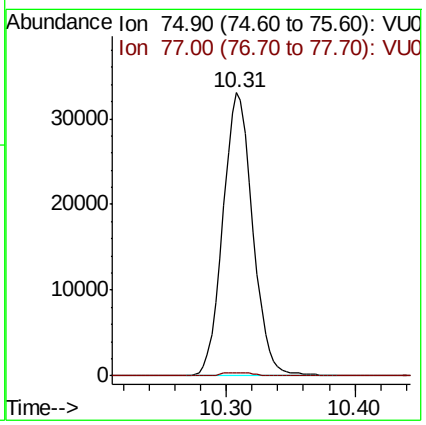


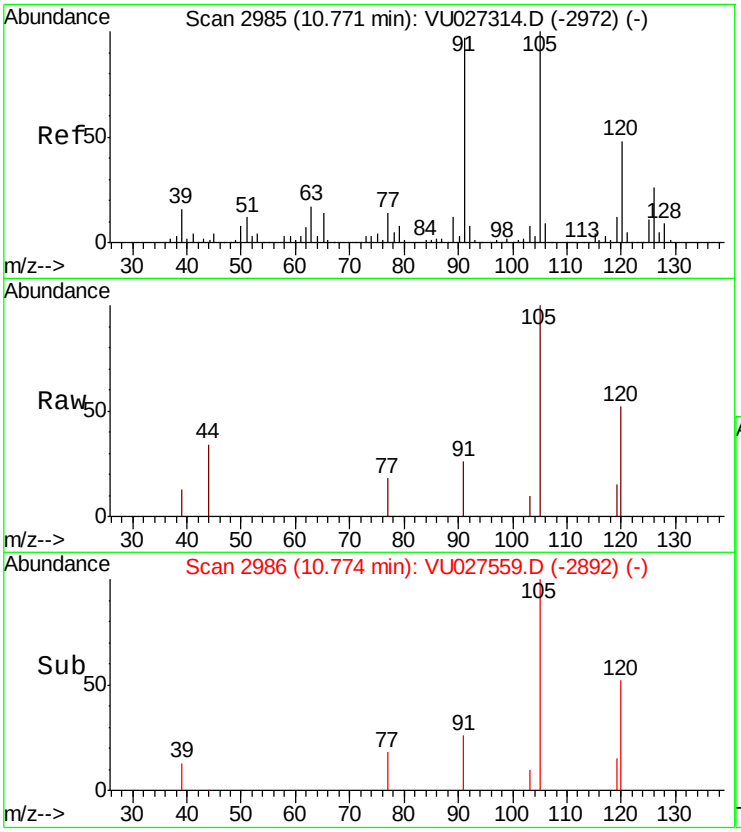


#76
1,2,3-Trichloropropane
Concen: 22.186 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 75 Resp: 52887

Ion	Ratio	Lower	Upper
75	100		
77	0.6	20.3	60.9#



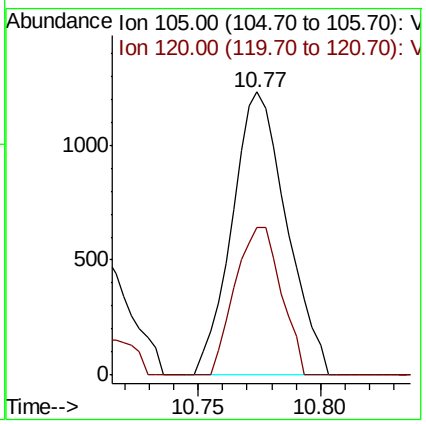


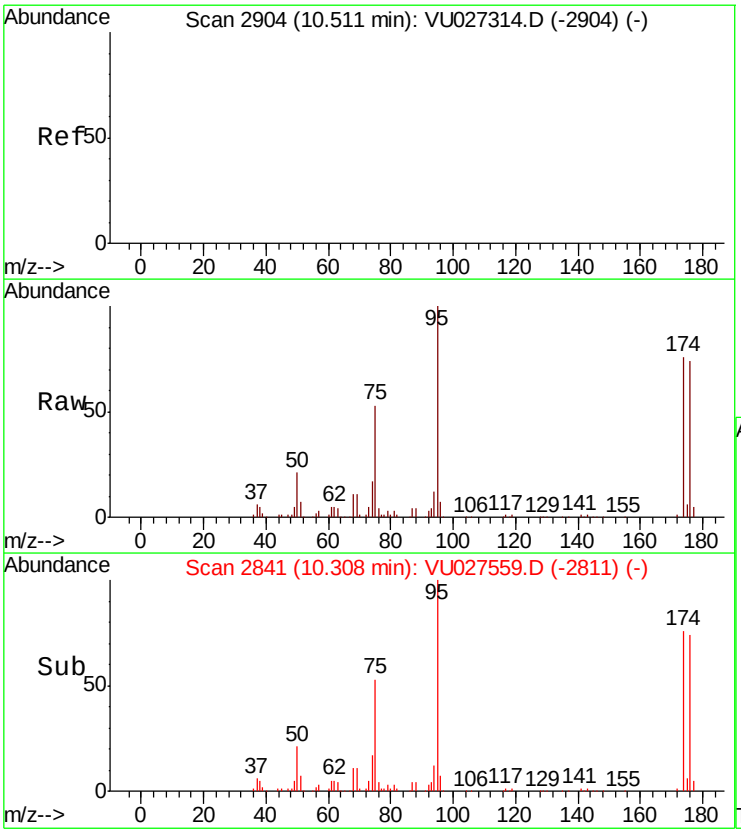
#80
1,3,5-Trimethylbenzene
Concen: 0.351 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_U
ClientSampleId :
OR-03-100818-A

Tgt Ion:105 Resp: 1906

Ion	Ratio	Lower	Upper
105	100		
120	44.2	24.1	72.4

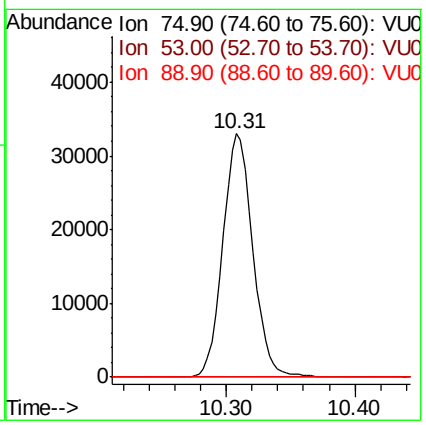


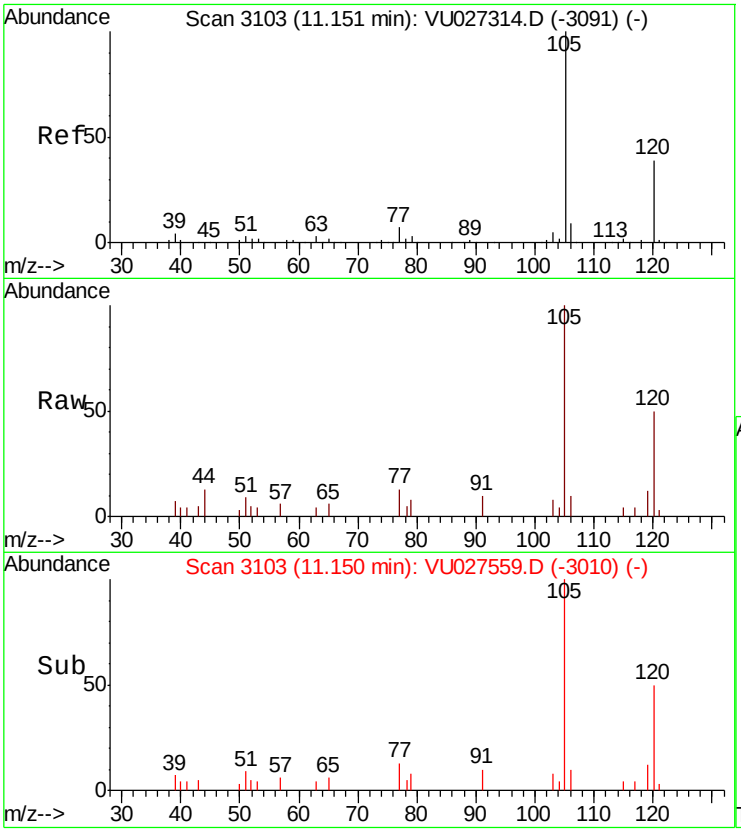


#81
trans-1,4-Dichloro-2-butene
Concen: 58.062 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 75 Resp: 52887

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



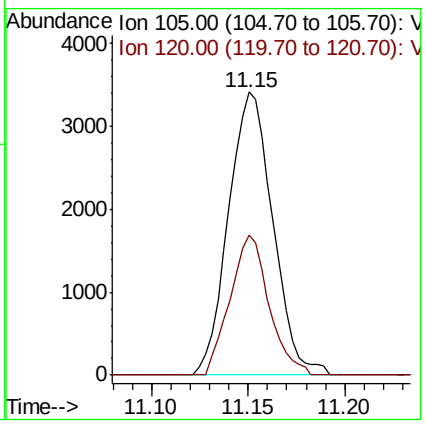


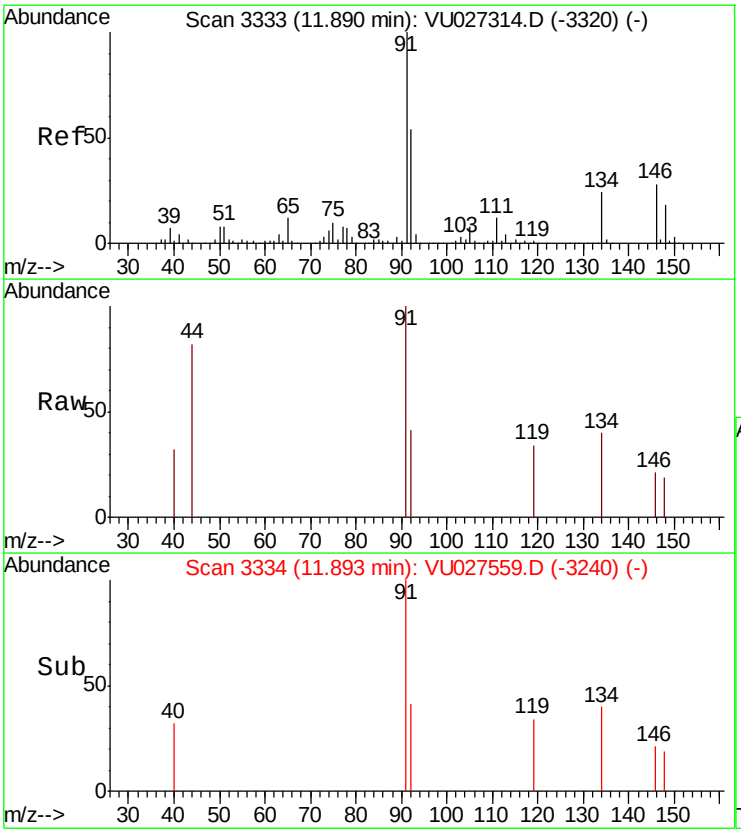
#84
1,2,4-Trimethylbenzene
Concen: 0.978 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. -0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_U
ClientSampleId :
OR-03-100818-A

Tgt Ion:105 Resp: 5430

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.5

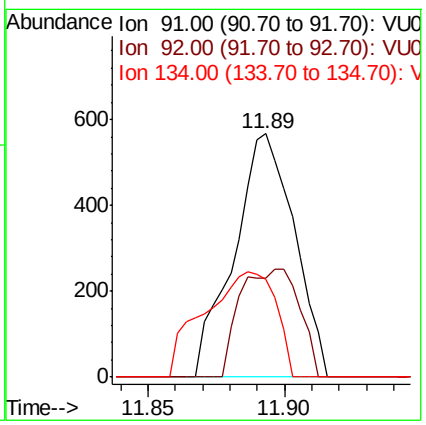


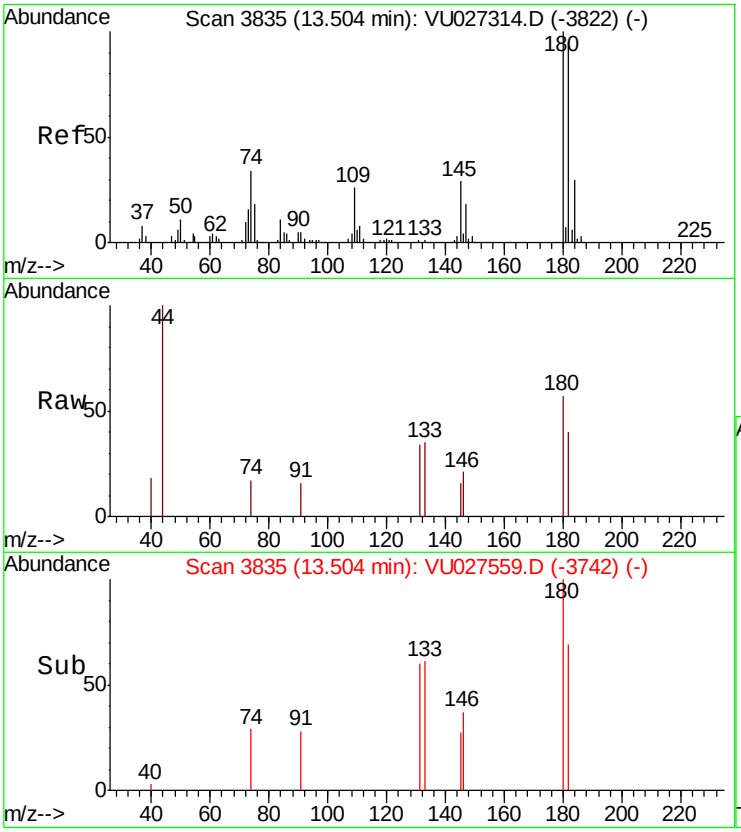


#89
n-Butylbenzene
Concen: 2.088 ug/l
RT: 11.89 min Scan# 3334
Delta R.T. 0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion: 91 Resp: 868

Ion	Ratio	Lower	Upper
91	100		
92	44.0	27.0	81.0
134	51.4	11.7	35.1#



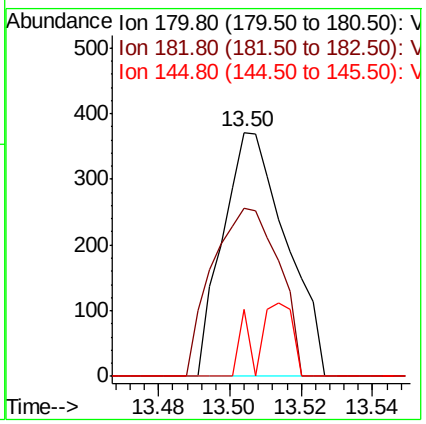


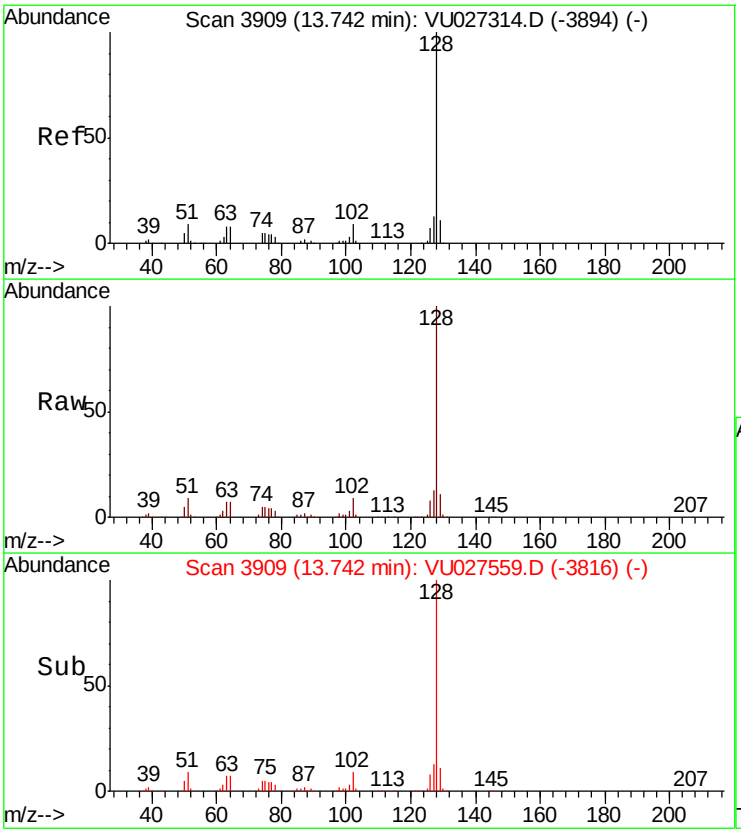
#93
1,2,4-Trichlorobenzene
Concen: 0.246 ug/l
RT: 13.50 min Scan# 3835
Delta R.T. -0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Instrument :
MSVOA_U
ClientSampleId :
OR-03-100818-A

Tgt Ion:180 Resp: 455

Ion	Ratio	Lower	Upper
180	100		
182	73.0	47.4	142.3
145	17.6	14.6	44.0





#95
Naphthalene
Concen: 35.176 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. -0.00 min
Lab File: VU027559.D
Acq: 10 Oct 2018 10:00

Tgt Ion:128 Resp: 241024

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.7	8.6	12.8