Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
Data File : VU029009.D
Acq On : 03 Jan 2019 20:02
Operator : MD/SY
Sample : K1017-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TP-6

Quant Time: Jan 04 08:18:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	128887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	217979	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	200034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	84679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	80856	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.50%			
35) Dibromofluoromethane	4.88	113	70274	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.46%			
50) Toluene-d8	7.56	98	273827	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.18%			
62) 4-Bromofluorobenzene	10.30	95	89838	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.62%			
Target Compounds						Qvalue
16) Acetone	2.32	43	11678	11.635	ug/l	99
18) Methyl Acetate	2.62	43	3305	1.416	ug/l #	88
20) Methylene Chloride	2.70	84	8445	4.956	ug/l	96
43) Isopropyl Acetate	5.55	43	9367	2.553	ug/l	97
52) Toluene	7.64	92	47151	11.396	ug/l	98
67) Ethyl Benzene	9.25	91	37646	5.029	ug/l	99
68) m/p-Xylenes	9.37	106	63968	21.992	ug/l	95
69) o-Xylene	9.78	106	25583	9.128	ug/l	99
78) n-propylbenzene	10.58	91	18457	2.499	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	32195	6.151	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	114653	21.940	ug/l	99
95) Naphthalene	13.74	128	31764	4.847	ug/l	100

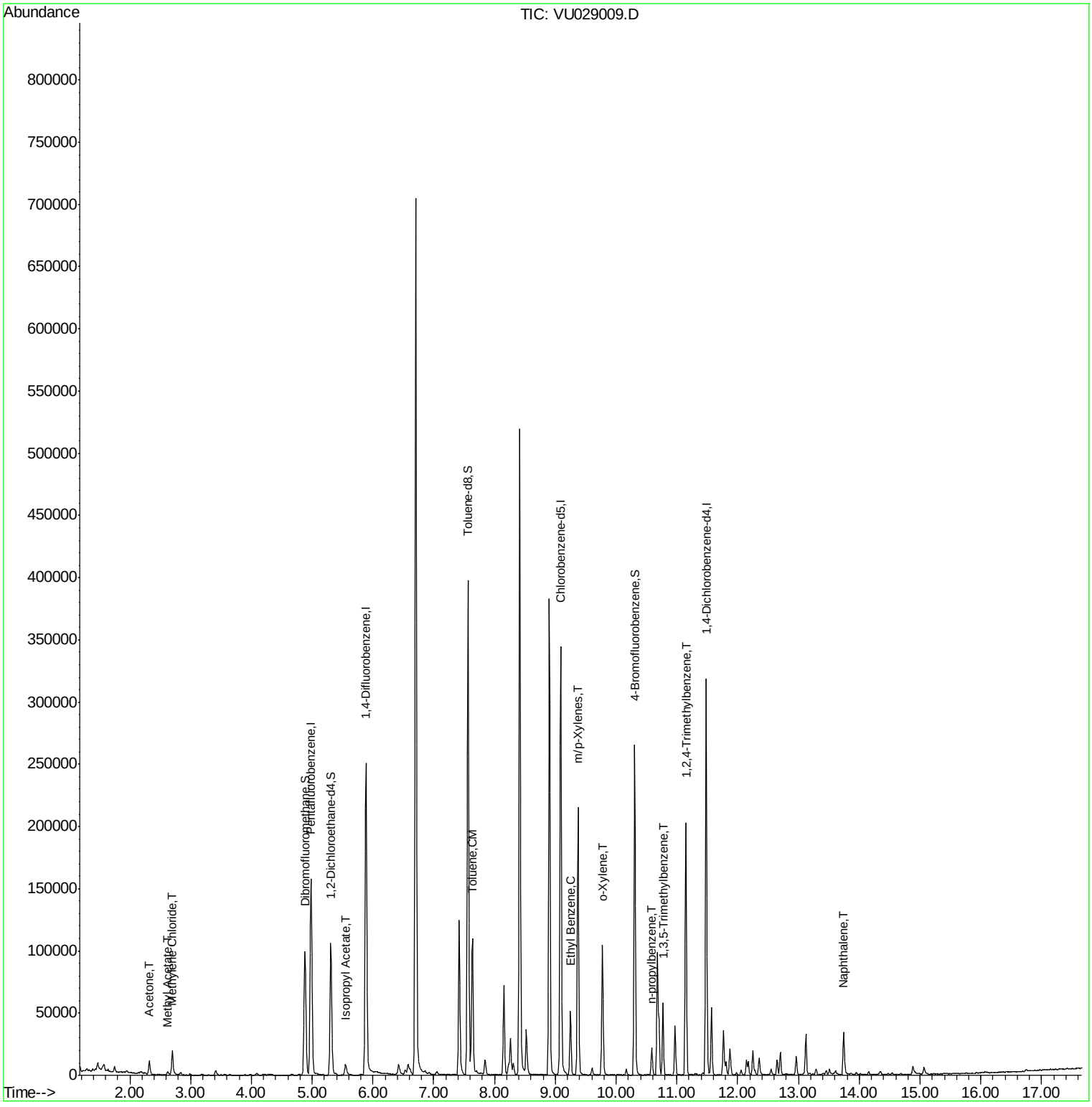
(#) = qualifier out of range (m) = manual integration (+) = signals summed

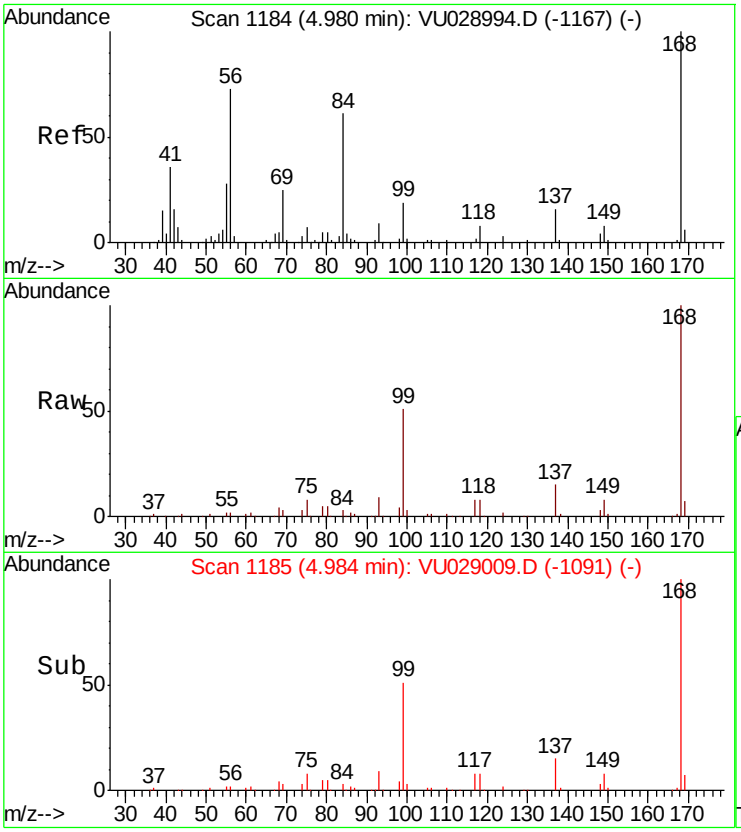
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
Data File : VU029009.D
Acq On : 03 Jan 2019 20:02
Operator : MD/SY
Sample : K1017-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Quant Time: Jan 04 08:18:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration



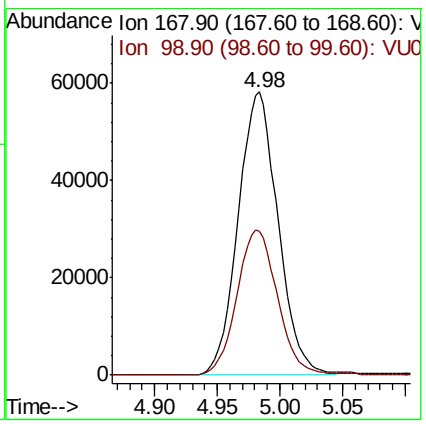


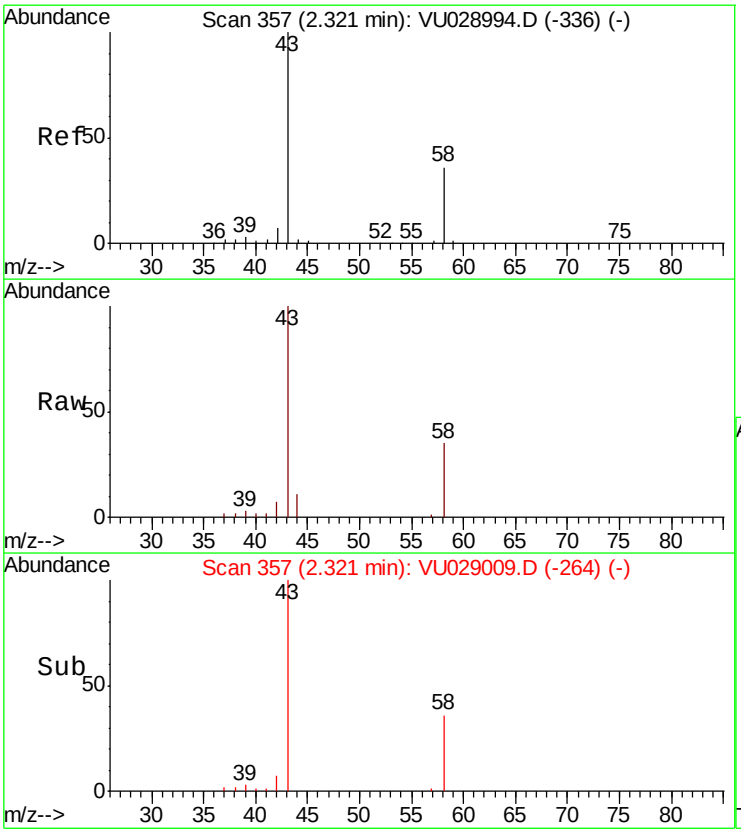
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tgt Ion:168 Resp: 128887

Ion	Ratio	Lower	Upper
168	100		
99	51.0	42.0	63.0

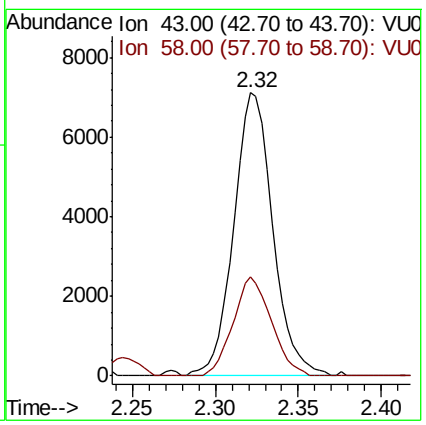


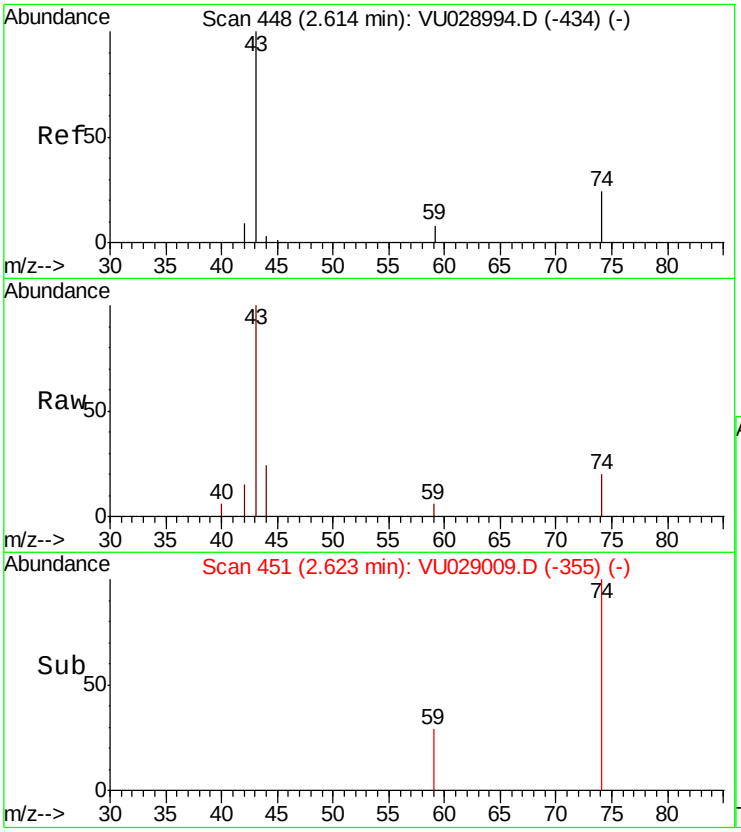


#16
Acetone
Concen: 11.635 ug/l
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Tgt Ion: 43 Resp: 11678

Ion	Ratio	Lower	Upper
43	100		
58	35.2	28.6	42.8



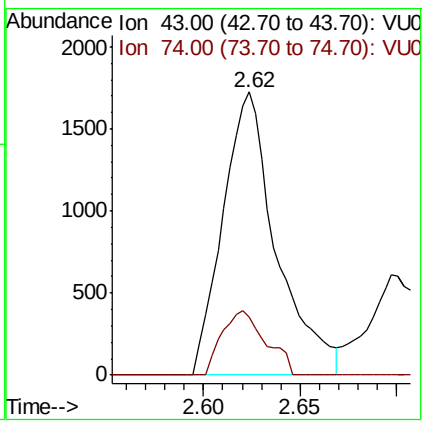


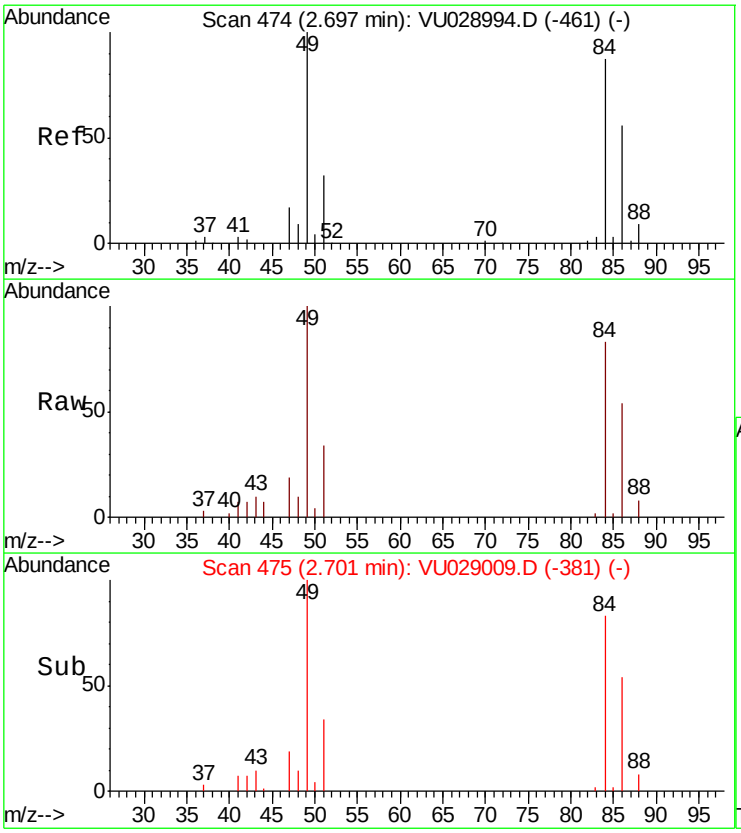
#18
Methyl Acetate
Concen: 1.416 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Instrument : MSVOA_U
ClientSampleId : TP-6

Tgt Ion: 43 Resp: 3305

Ion	Ratio	Lower	Upper
43	100		
74	18.6	19.5	29.3#

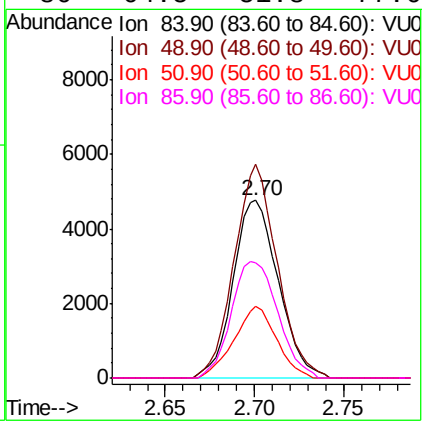


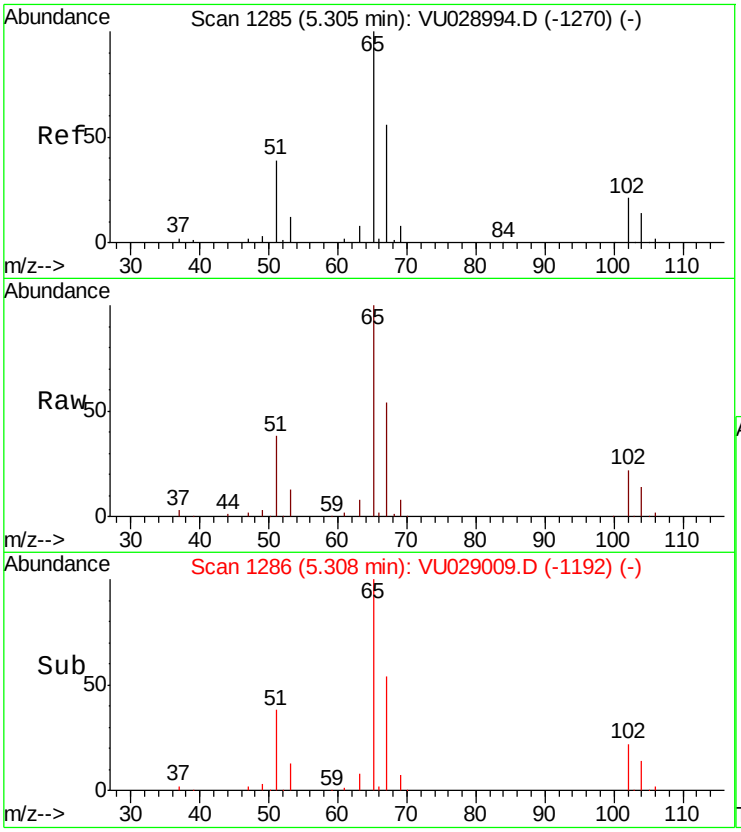


#20
Methylene Chloride
Concen: 4.956 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Tgt Ion: 84 Resp: 8445

Ion	Ratio	Lower	Upper
84	100		
49	120.2	91.9	137.9
51	40.5	29.2	43.8
86	64.5	51.8	77.6



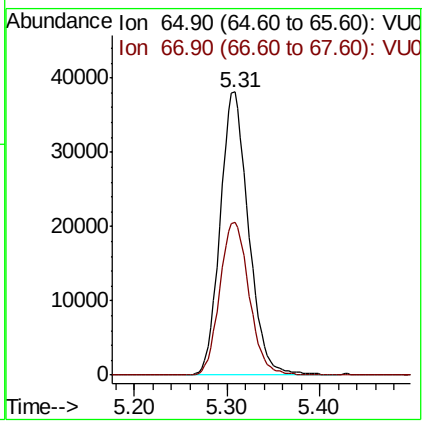


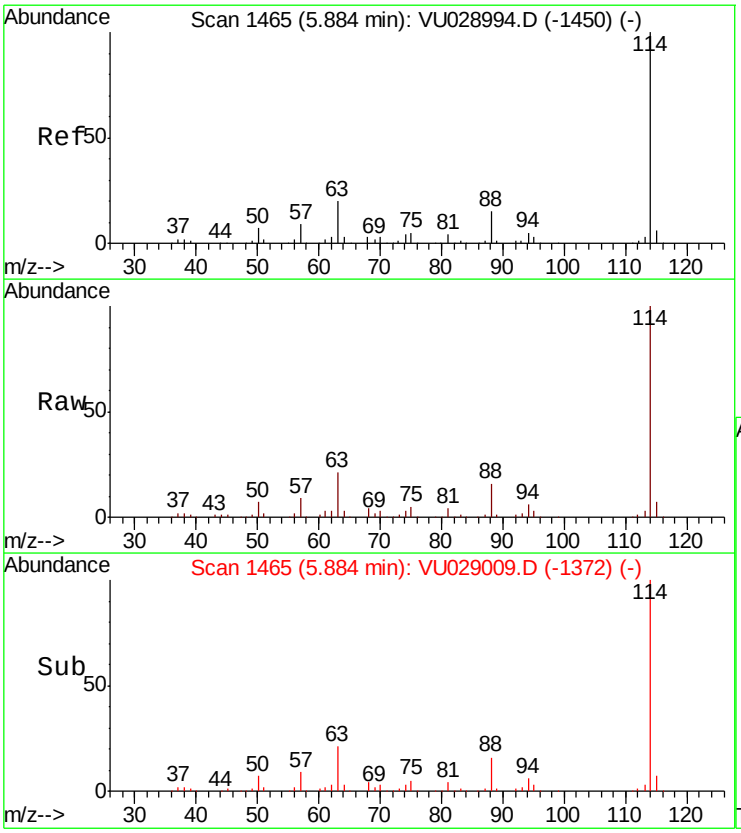
#33
1,2-Dichloroethane-d4
Concen: 50.748 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Instrument : MSVOA_U
ClientSampleId : TP-6

Tgt Ion: 65 Resp: 80856

Ion	Ratio	Lower	Upper
65	100		
67	56.1	0.0	111.0

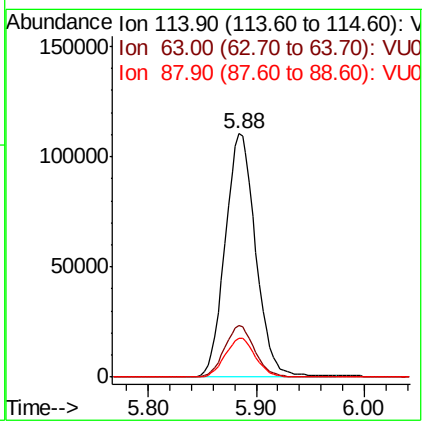


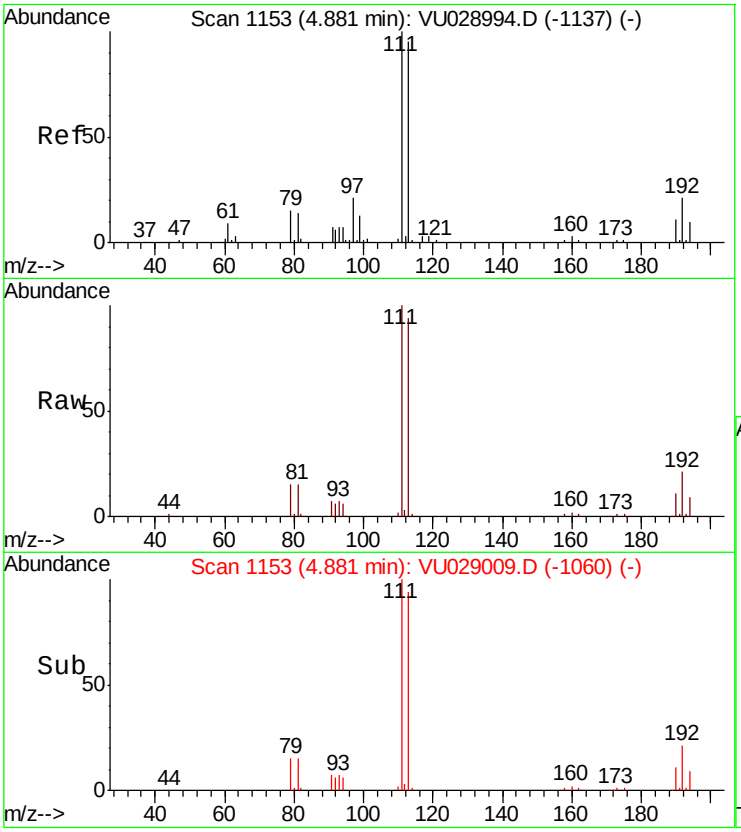


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Tgt Ion:114 Resp: 217979

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.2
88	15.9	0.0	30.4



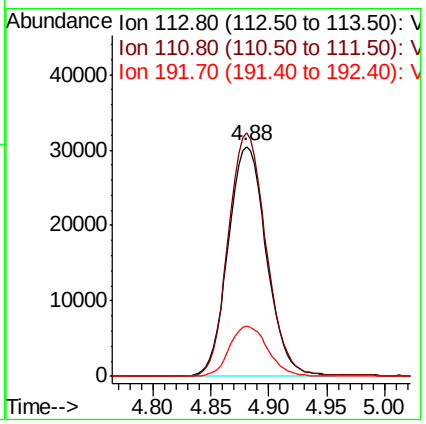


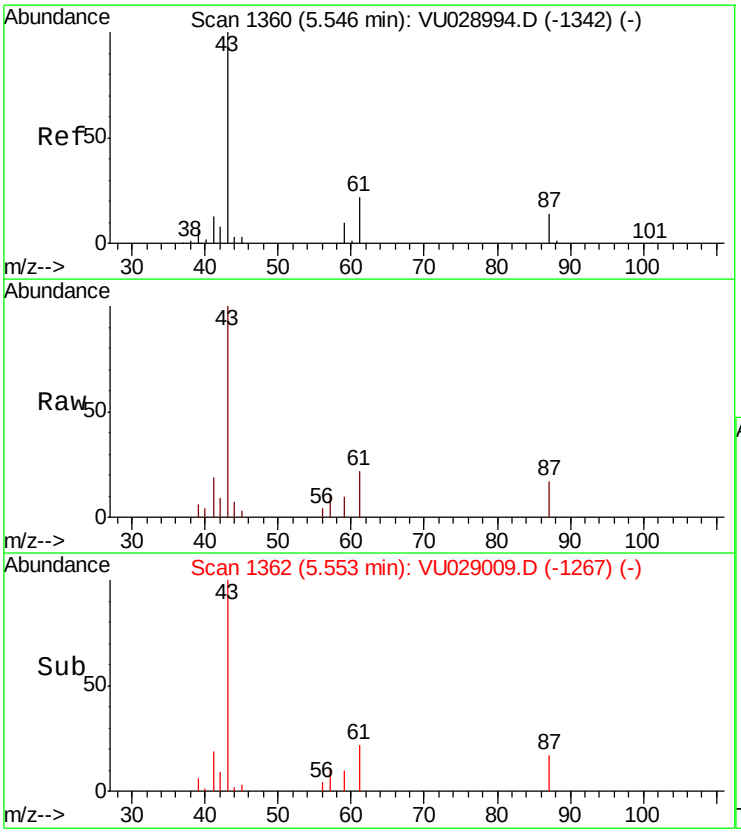
#35
Dibromofluoromethane
Concen: 49.734 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tgt Ion:113 Resp: 70274

Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.4	122.2
192	21.8	16.8	25.2

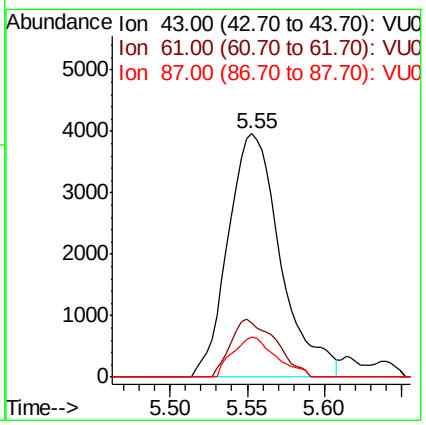


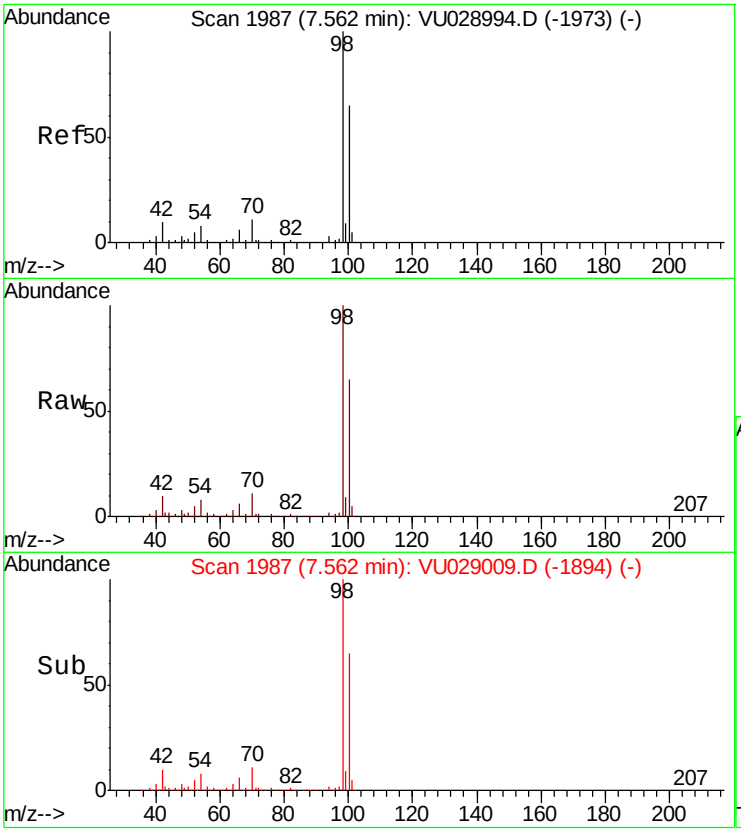


#43
Isopropyl Acetate
Concen: 2.553 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Tgt Ion: 43 Resp: 9367

Ion	Ratio	Lower	Upper
43	100		
61	20.5	17.8	26.6
87	13.5	11.3	16.9



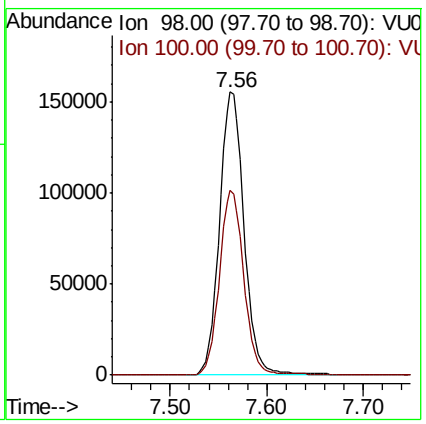


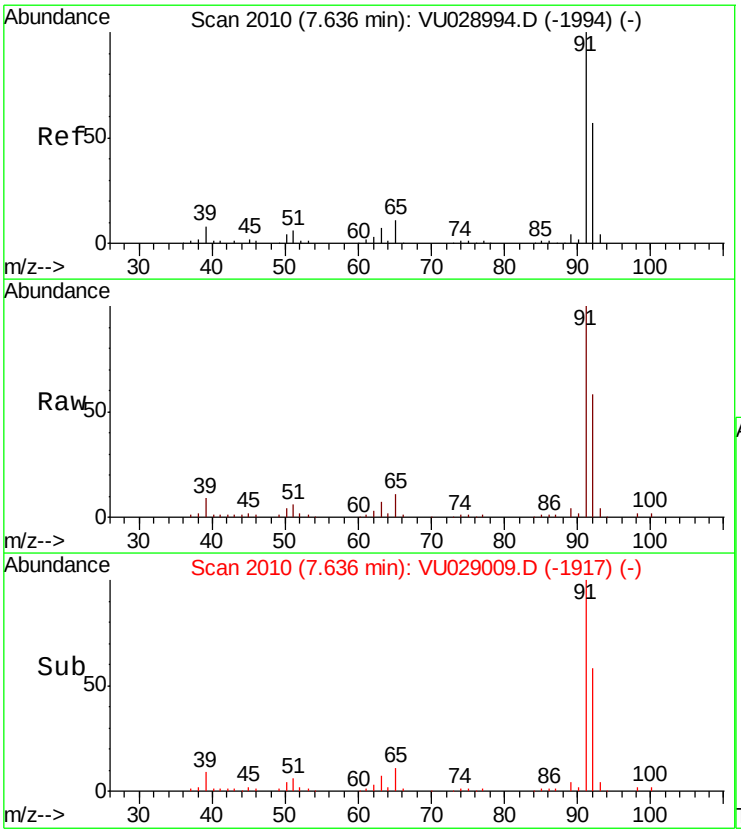
#50
Toluene-d8
Concen: 49.087 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tgt Ion: 98 Resp: 273827

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.6	77.4

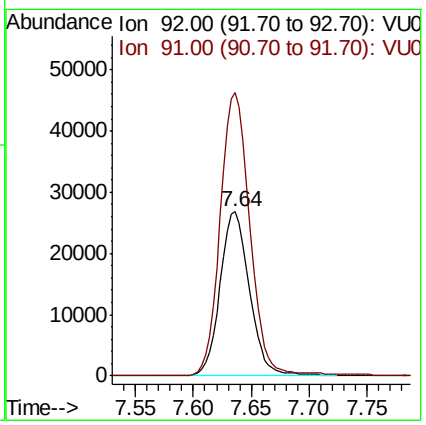


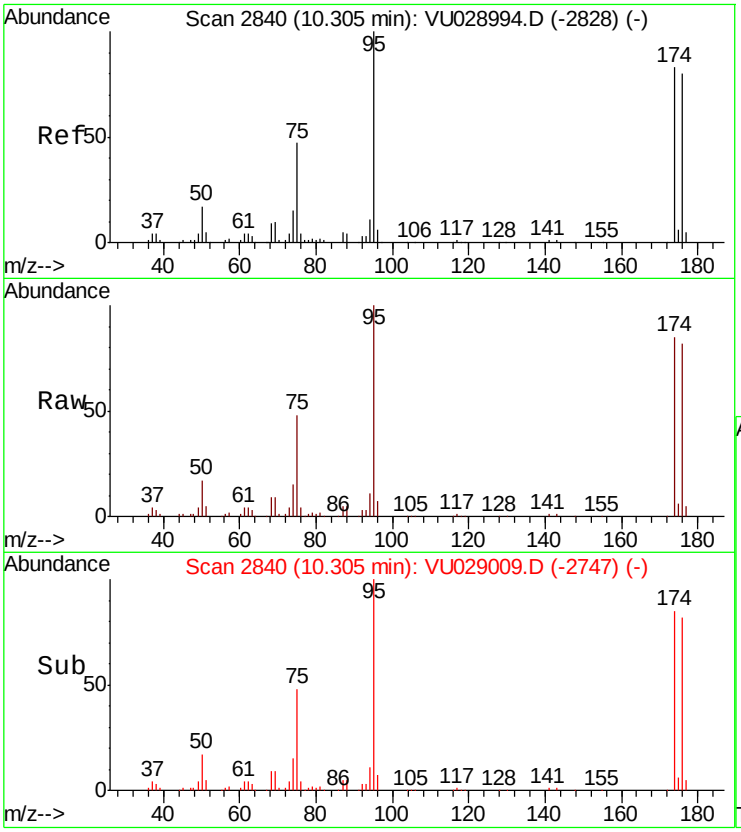


#52
Toluene
Concen: 11.396 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Tgt Ion: 92 Resp: 47151

Ion	Ratio	Lower	Upper
92	100		
91	172.3	139.8	209.8



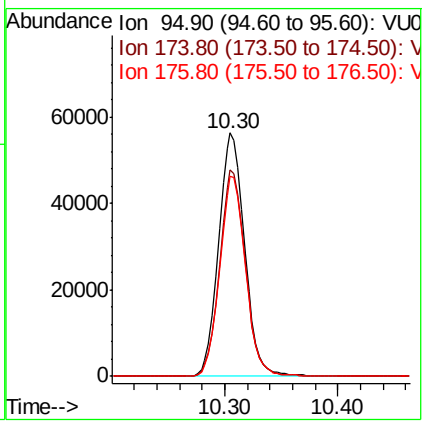


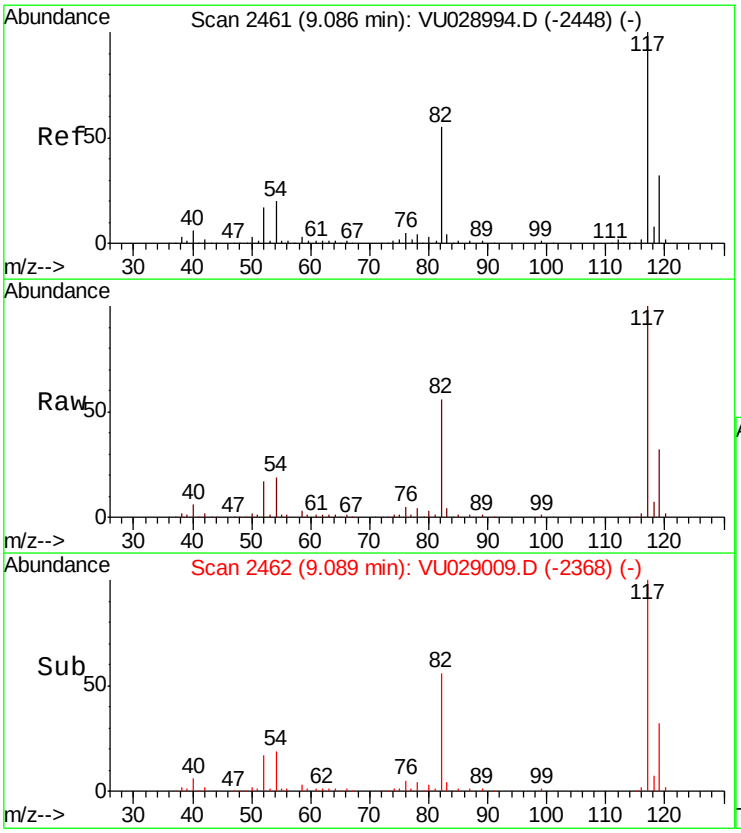
#62
4-Bromofluorobenzene
Concen: 44.812 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tgt Ion: 95 Resp: 89838

Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	170.6
176	81.8	0.0	165.0

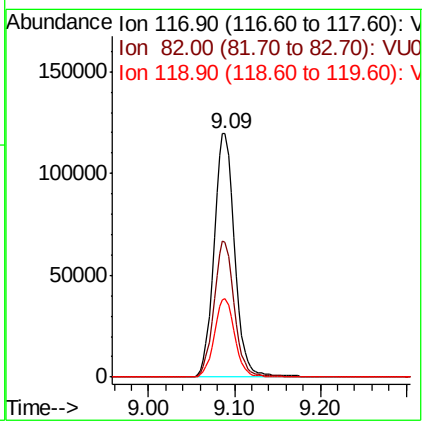


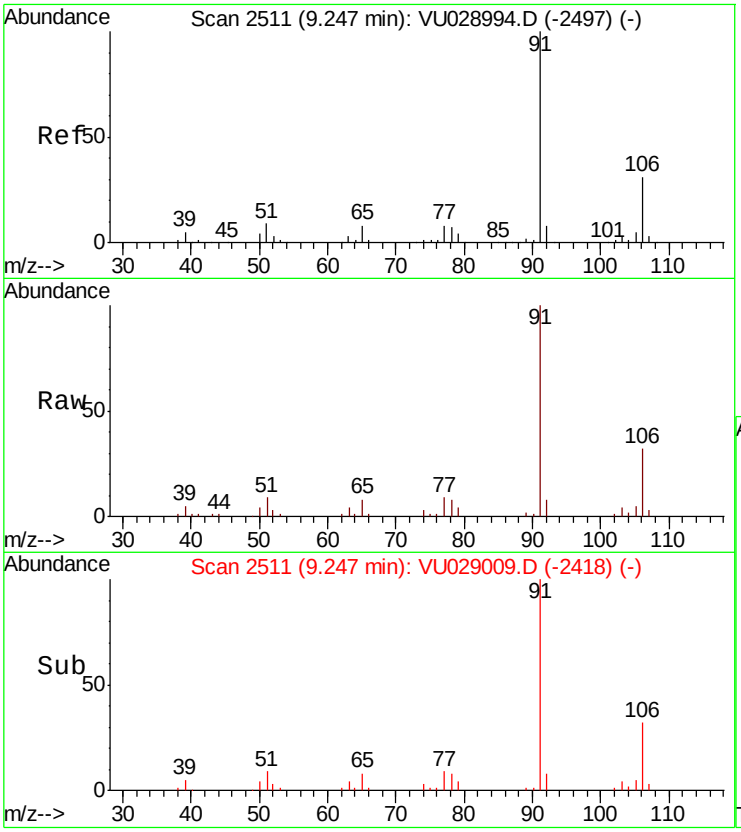


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Tgt Ion:117 Resp: 200034

Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.9	65.9
119	32.1	26.0	39.0



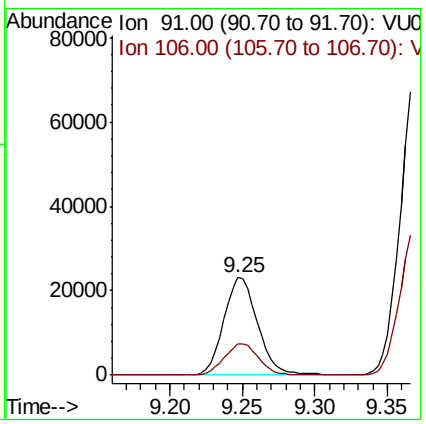


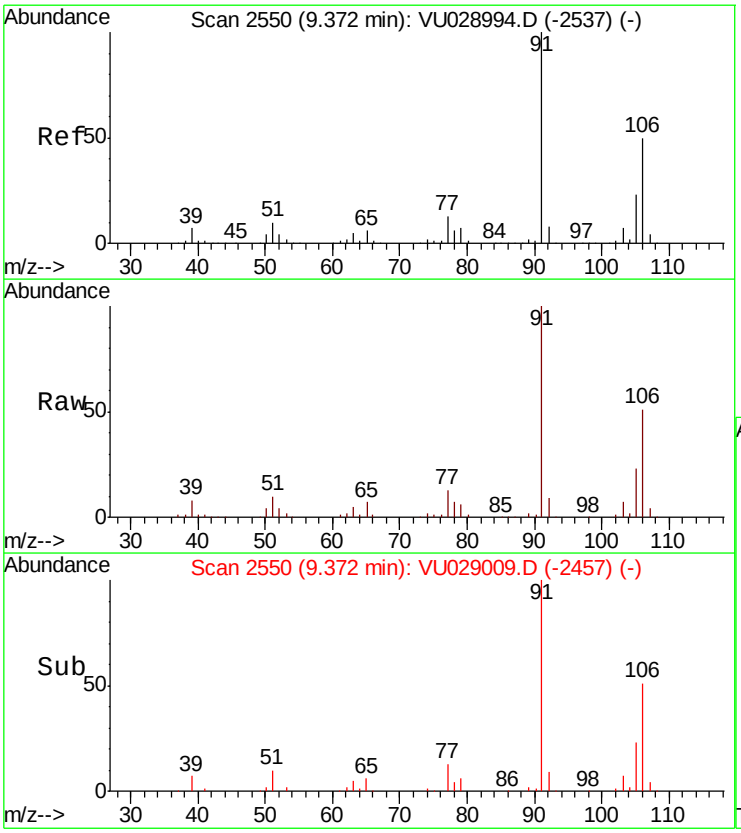
#67
Ethyl Benzene
Concen: 5.029 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tgt Ion: 91 Resp: 37646

Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.0	37.4

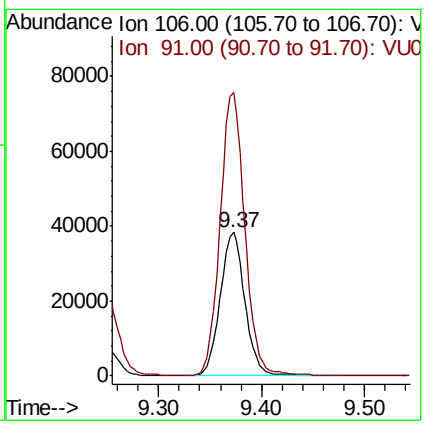


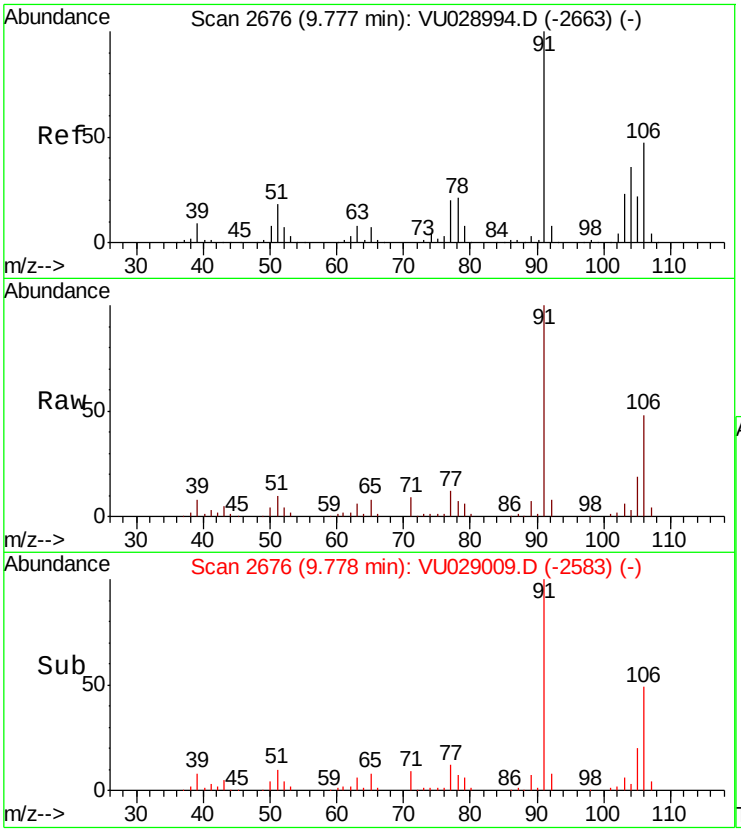


#68
m/p-Xylenes
Concen: 21.992 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Tgt Ion:106 Resp: 63968

Ion	Ratio	Lower	Upper
106	100		
91	195.1	161.7	242.5



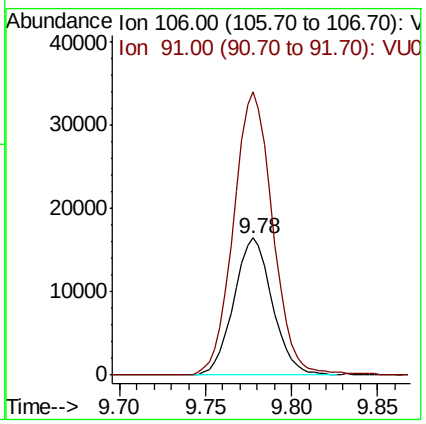


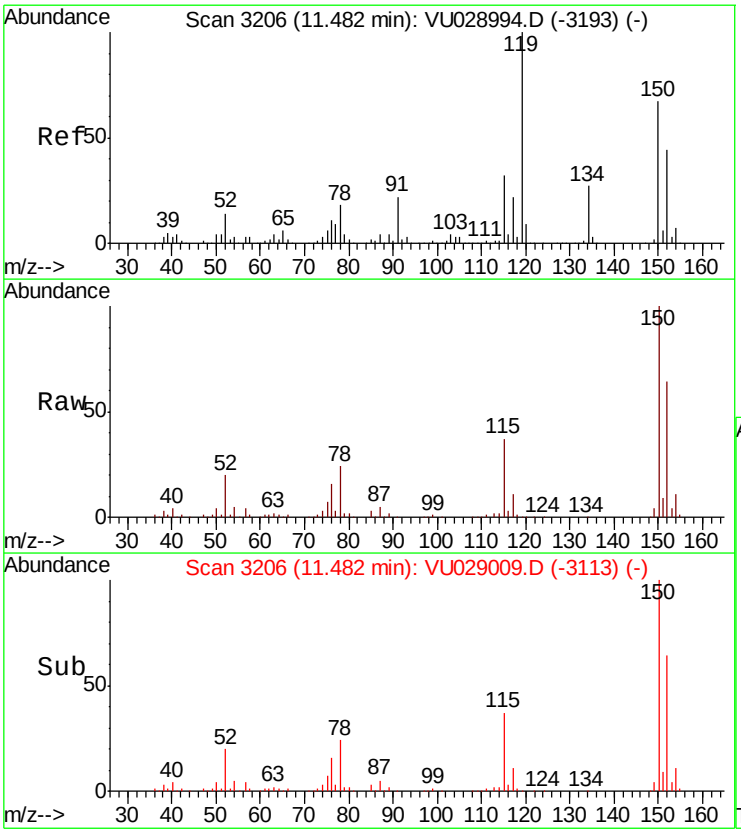
#69
o-Xylene
Concen: 9.128 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tgt Ion:106 Resp: 25583

Ion	Ratio	Lower	Upper
106	100		
91	210.7	106.1	318.3

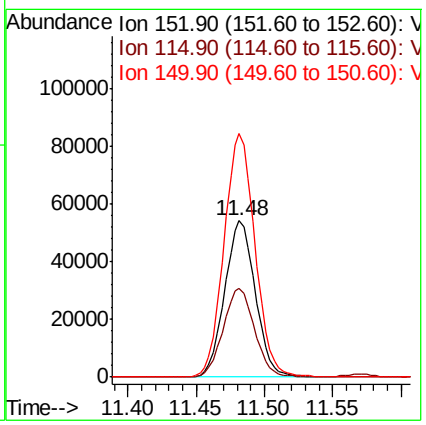


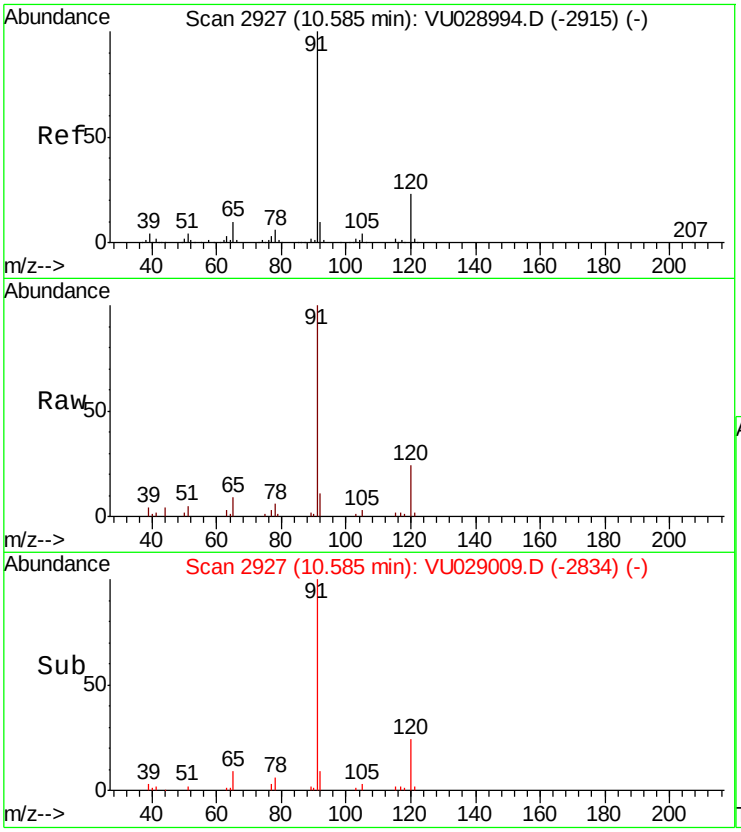


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Tgt Ion:152 Resp: 84679

Ion	Ratio	Lower	Upper
152	100		
115	57.9	40.1	120.3
150	157.1	0.0	345.2



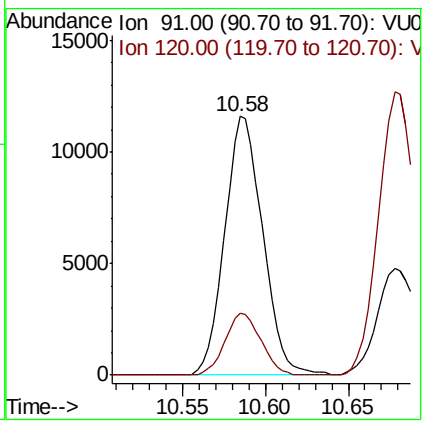


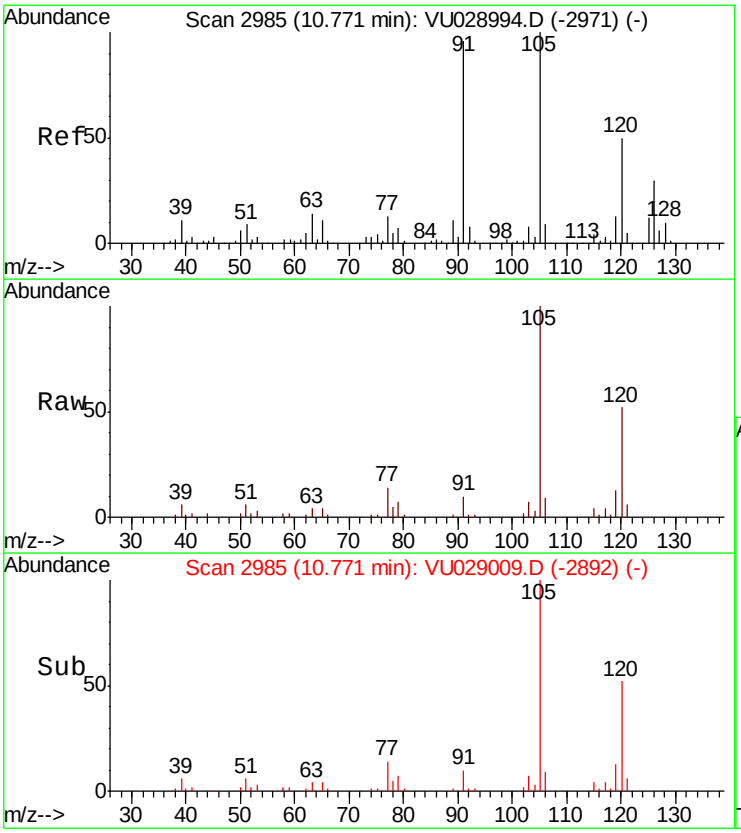
#78
n-propylbenzene
Concen: 2.499 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tgt Ion: 91 Resp: 18457

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.9

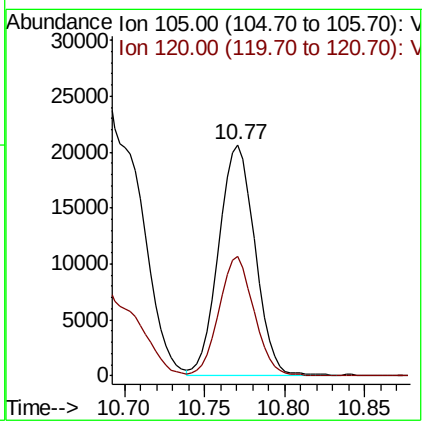


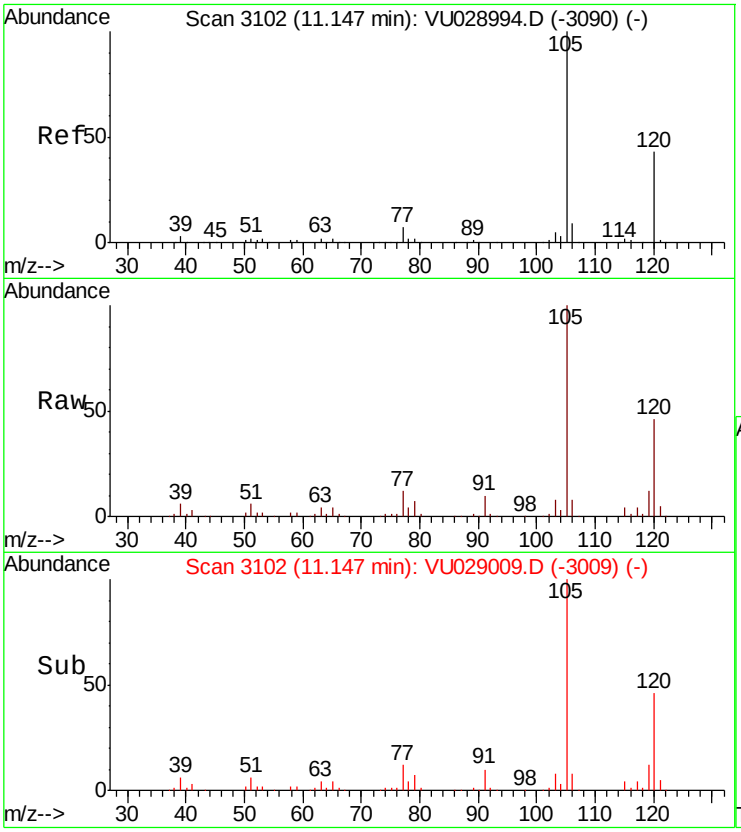


#80
1,3,5-Trimethylbenzene
Concen: 6.151 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Tgt Ion:105 Resp: 32195

Ion	Ratio	Lower	Upper
105	100		
120	49.7	24.8	74.4



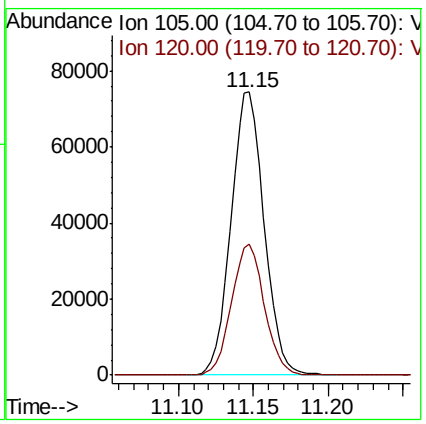


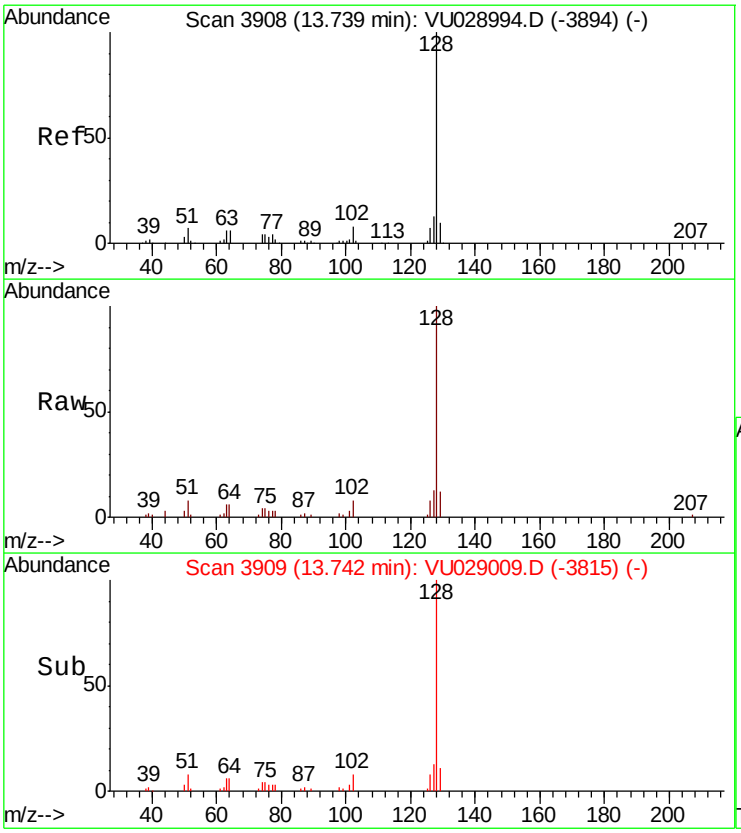
#84
1,2,4-Trimethylbenzene
Concen: 21.940 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tgt Ion:105 Resp: 114653

Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.3





#95
Naphthalene
Concen: 4.847 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU029009.D
Acq: 03 Jan 2019 20:02

Tgt Ion:128 Resp: 31764

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	10.5	8.5	12.7