Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122218\

Quantitation Report (QT Reviewed)

Data File : VU028917.D
Acq On : 22 Dec 2018 16:12
Operator : MD/SY
Sample : J6426-16ME 20X
Misc : 5.60g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : P001-SS013C-3036-01ME

Quant Time: Dec 24 06:29:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	173311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	281314	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	260103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	121866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	99131	37.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.96%			
35) Dibromofluoromethane	4.88	113	85850	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.98%			
50) Toluene-d8	7.57	98	355128	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.42%			
62) 4-Bromofluorobenzene	10.30	95	123143	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.10%			
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	4.22	96	2491	1.013	ug/l	79
31) Cyclohexane	4.98	56	10573	1.162	ug/l #	58
39) Methylcyclohexane	6.41	83	16475	4.387	ug/l	89
52) Toluene	7.64	92	6060617	1135.832	ug/l	96
67) Ethyl Benzene	9.25	91	1328846	130.420	ug/l	97
68) m/p-Xylenes	9.38	106	3077213	829.999	ug/l	94
69) o-Xylene	9.78	106	769033	213.446	ug/l	95
73) Isopropylbenzene	10.16	105	25827	2.762	ug/l	100
78) n-propylbenzene	10.59	91	47306	4.071	ug/l	92
80) 1,3,5-Trimethylbenzene	10.77	105	59331	7.665	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	166681	20.894	ug/l	97
86) p-Isopropyltoluene	11.48	119	25944	3.186	ug/l	98
88) 1,4-Dichlorobenzene	11.50	146	5038	1.179	ug/l	92
89) n-Butylbenzene	11.88	91	18223	2.212	ug/l #	24
93) 1,2,4-Trichlorobenzene	13.50	180	31311	11.688	ug/l	98
95) Naphthalene	13.74	128	107658	10.861	ug/l	98
96) 1,2,3-Trichlorobenzene	13.99	180	7377	2.750	ug/l #	79

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

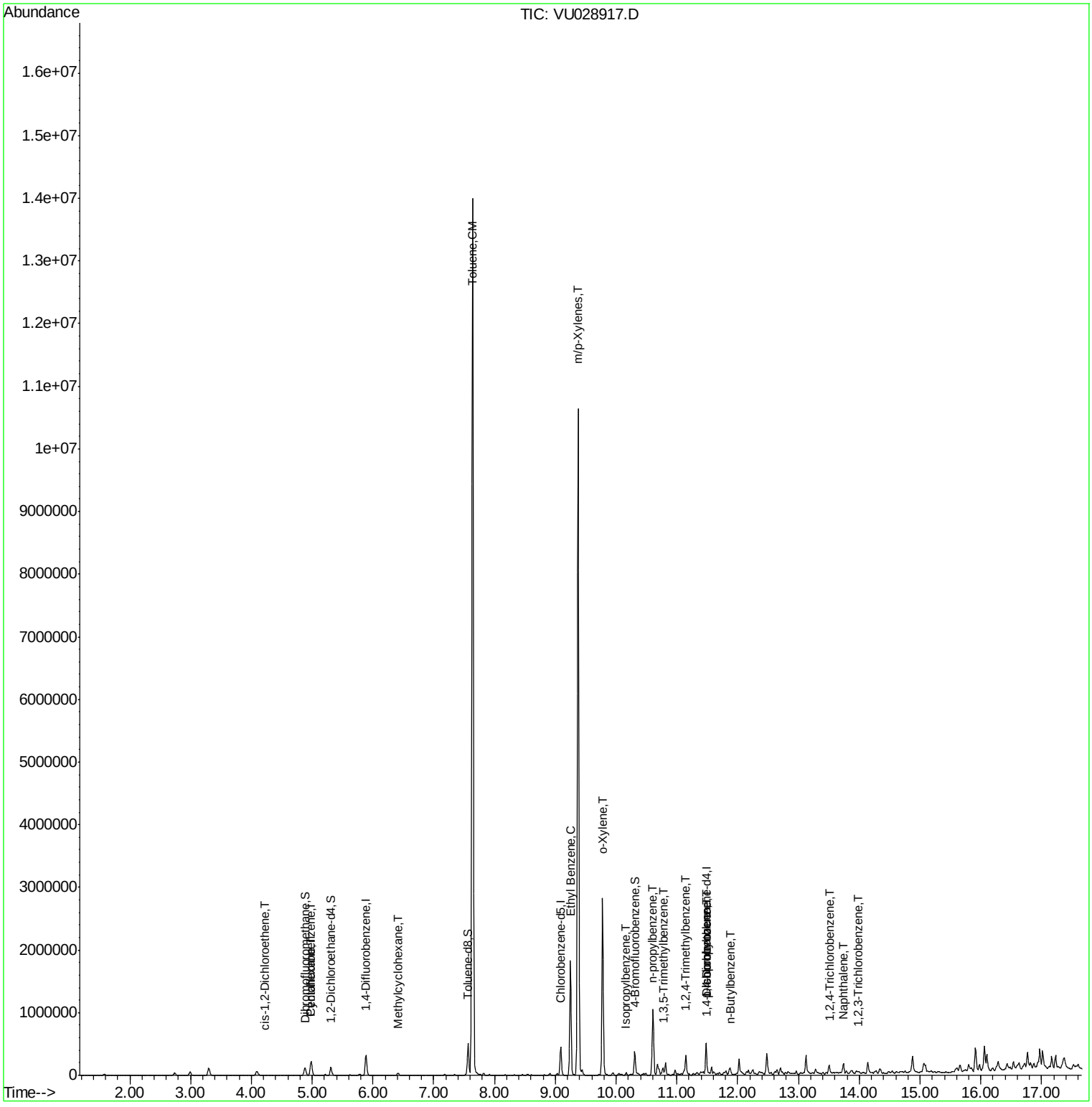
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122218\

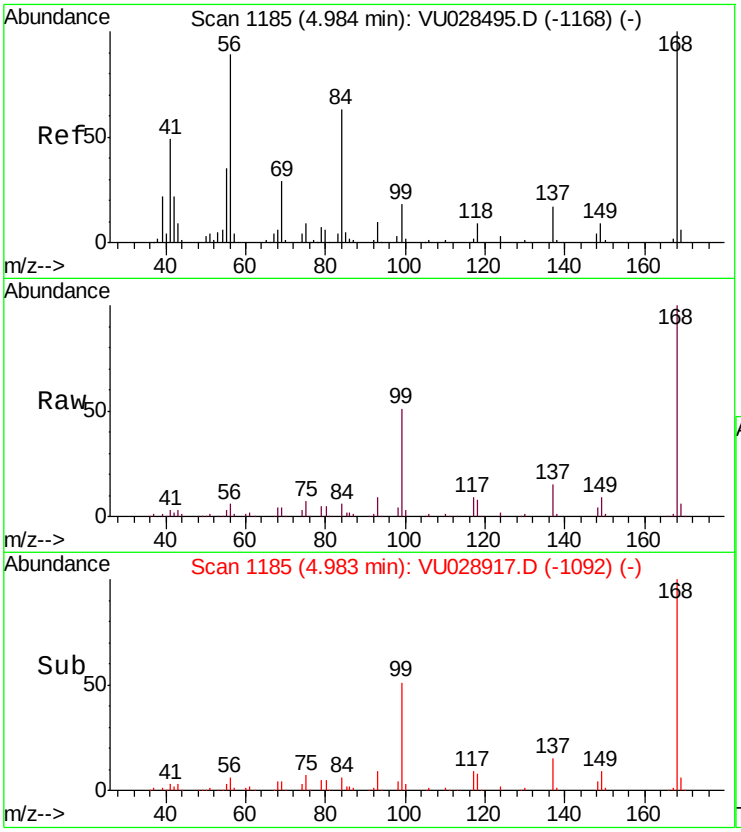
Quantitation Report (QT Reviewed)

Data File : VU028917.D
Acq On : 22 Dec 2018 16:12
Operator : MD/SY
Sample : J6426-16ME 20X
Misc : 5.60g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

Quant Time: Dec 24 06:29:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration



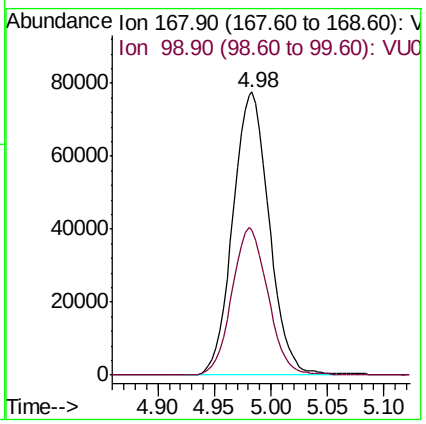


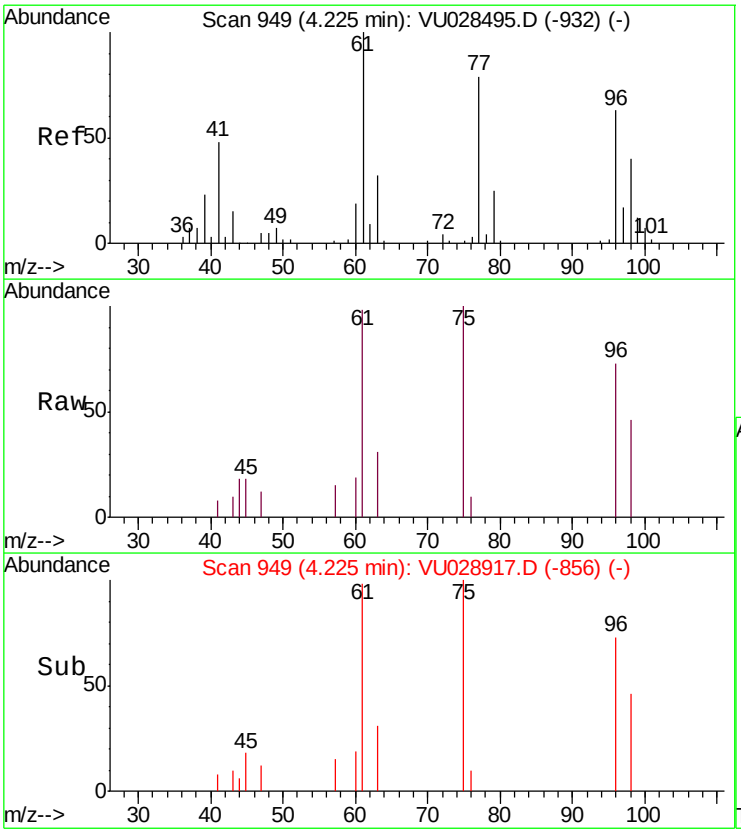
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

Tgt Ion:168 Resp: 173311

Ion	Ratio	Lower	Upper
168	100		
99	51.2	46.6	69.8

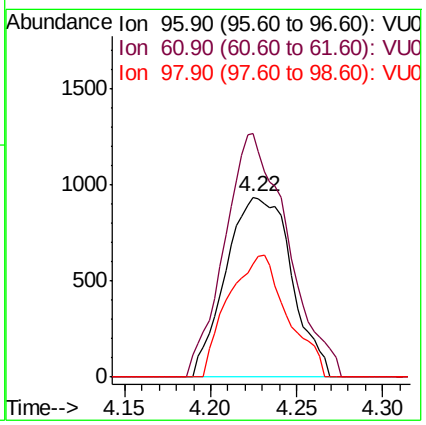


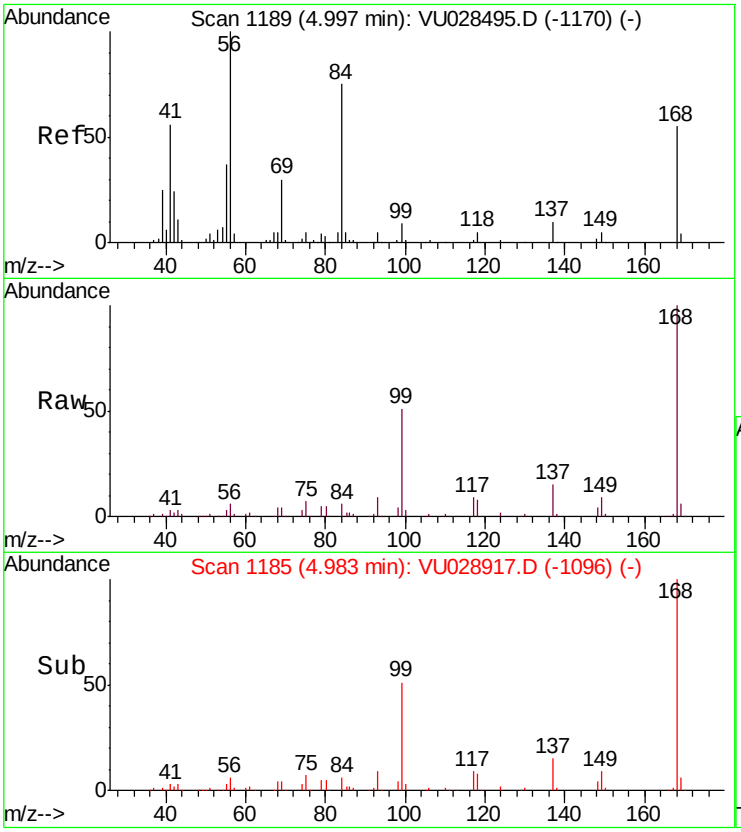


#27
cis-1,2-Dichloroethene
Concen: 1.013 ug/l
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion: 96 Resp: 2491

Ion	Ratio	Lower	Upper
96	100		
61	129.7	0.0	332.4
98	60.9	0.0	129.0



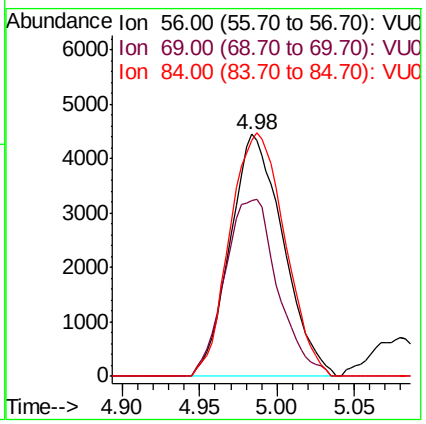


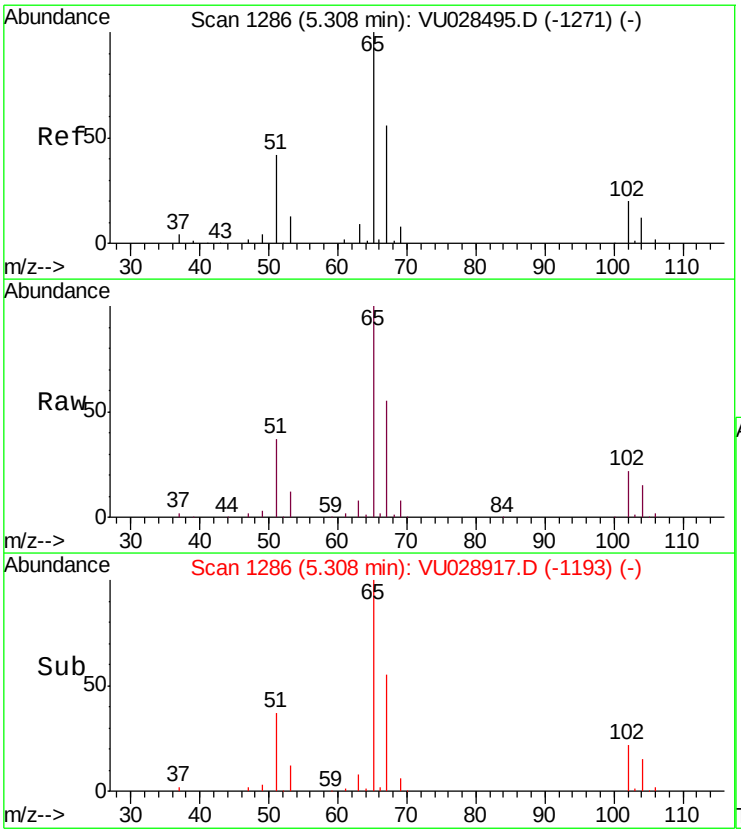
#31
Cyclohexane
Concen: 1.162 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

Tgt Ion: 56 Resp: 10573

Ion	Ratio	Lower	Upper
56	100		
69	72.6	24.0	36.0#
84	97.7	59.7	89.5#

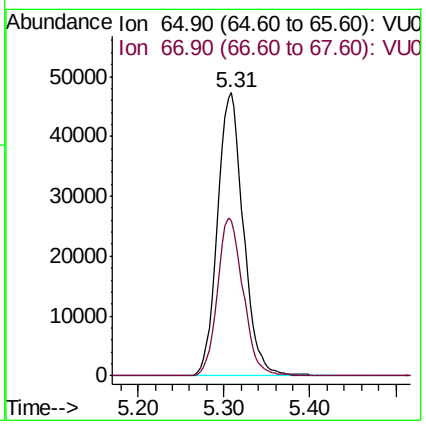


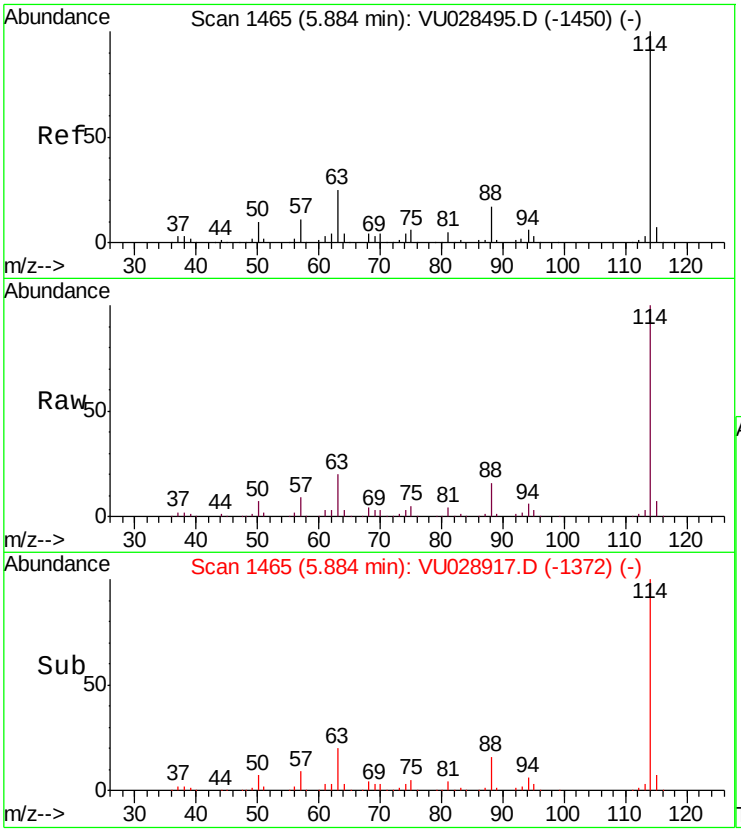


#33
1,2-Dichloroethane-d4
Concen: 37.481 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion: 65 Resp: 99131

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	110.6



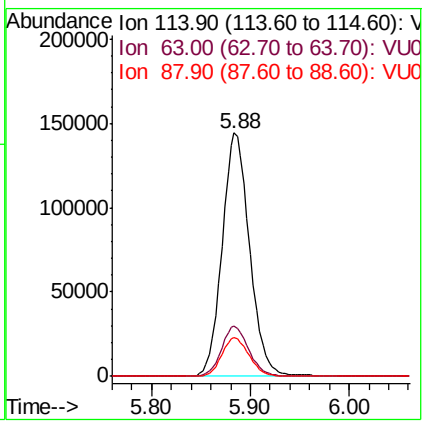


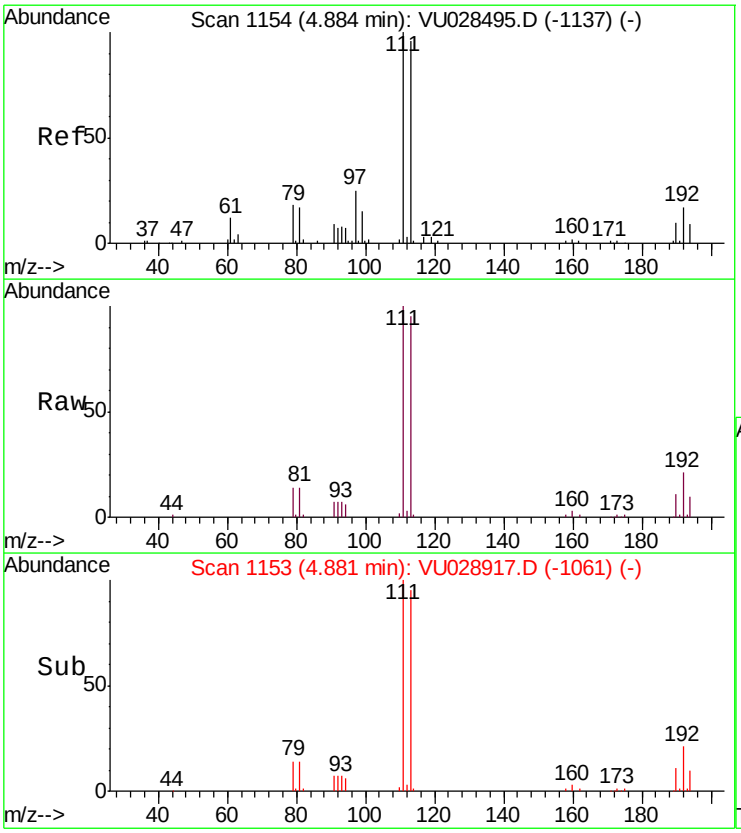
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

Tgt Ion:114 Resp: 281314

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	49.2
88	15.7	0.0	33.4

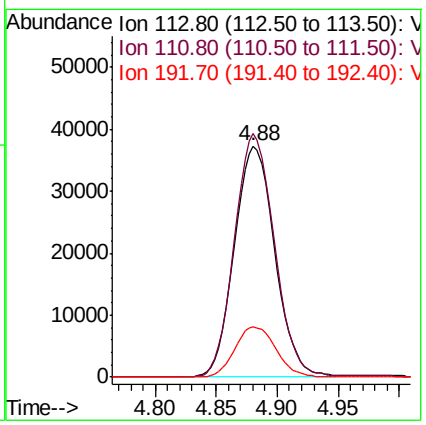


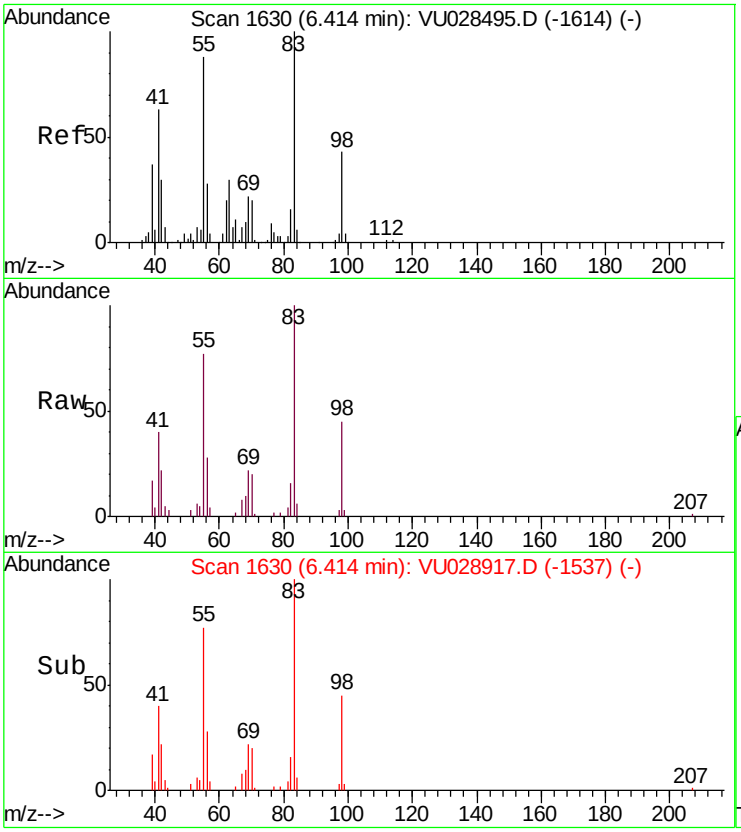


#35
Dibromofluoromethane
Concen: 48.494 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion:113 Resp: 85850

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.4	125.0
192	22.0	14.8	22.2



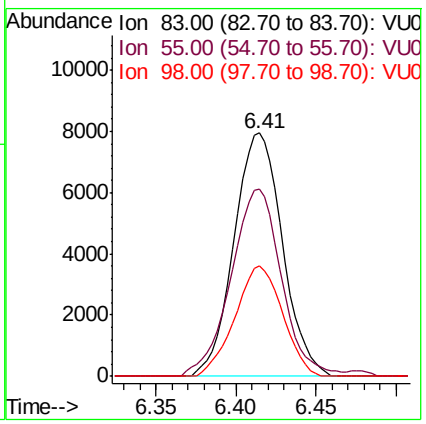


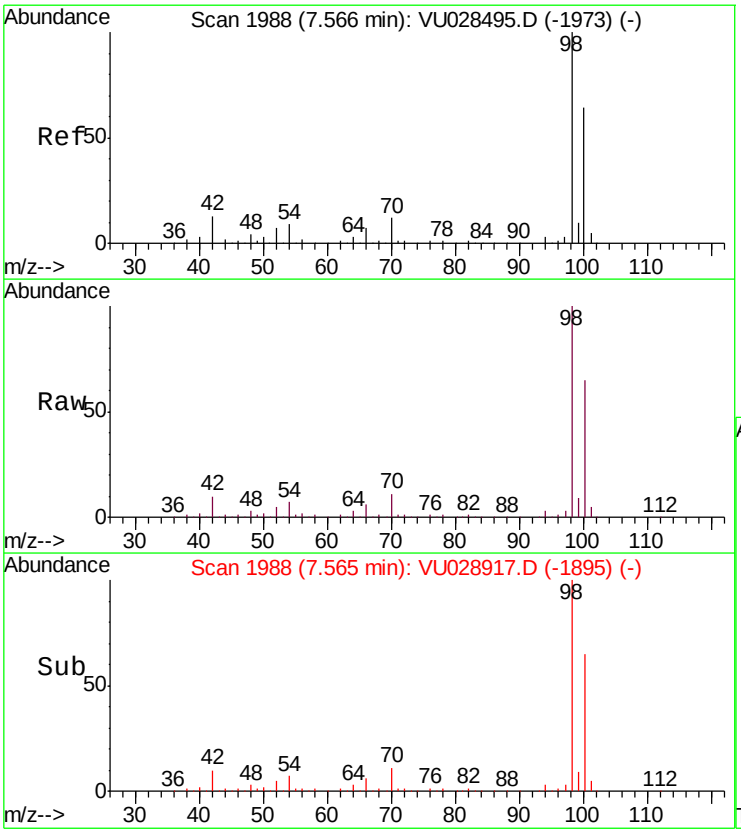
#39
Methylcyclohexane
Concen: 4.387 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

Tgt Ion: 83 Resp: 16475

Ion	Ratio	Lower	Upper
83	100		
55	74.9	70.2	105.2
98	45.4	34.2	51.4

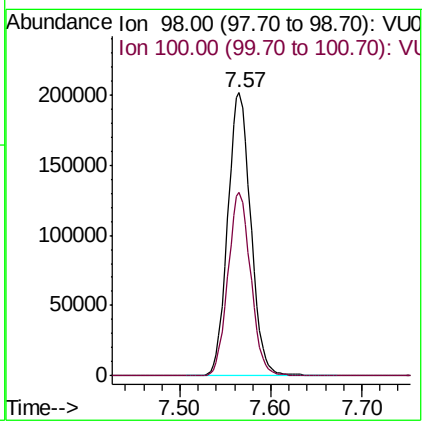


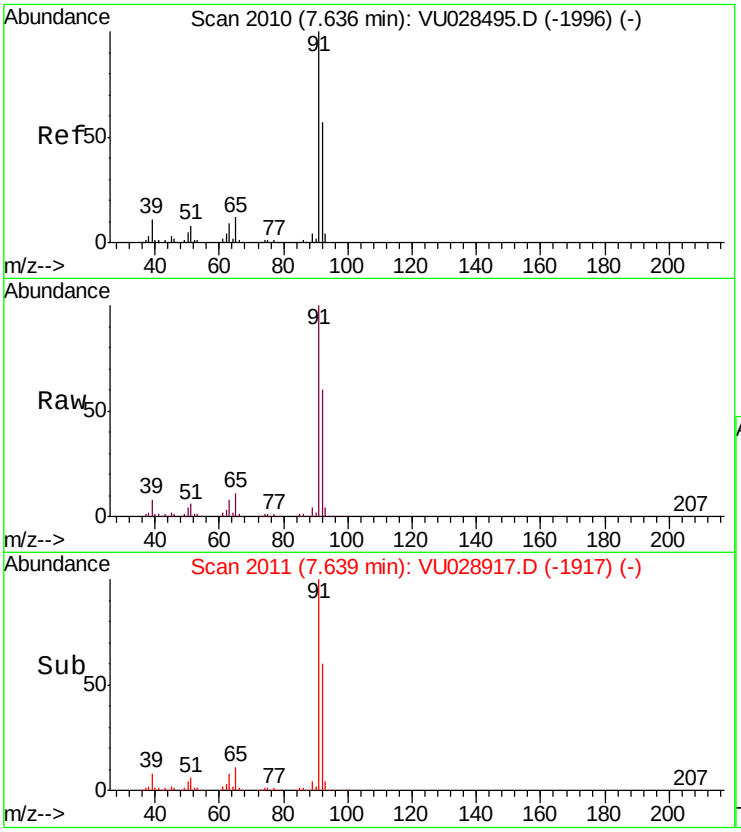


#50
Toluene-d8
Concen: 50.710 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion: 98 Resp: 355128

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.0	76.6



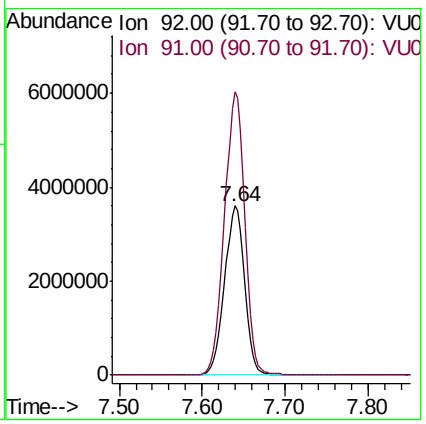


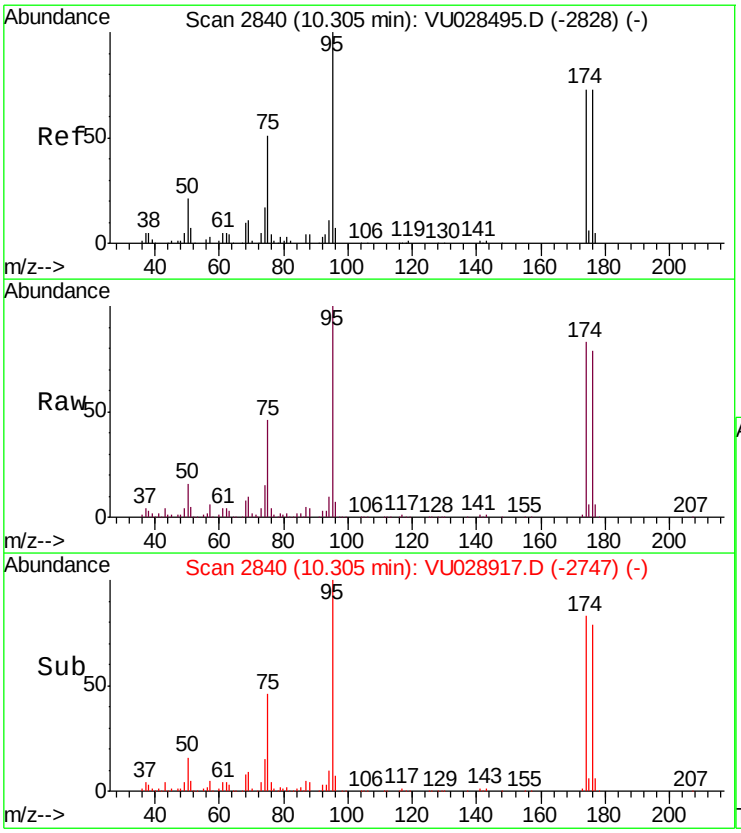
#52
Toluene
Concen: 1135.832 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

Tgt Ion: 92 Resp: 6060617

Ion	Ratio	Lower	Upper
92	100		
91	170.2	140.2	210.4

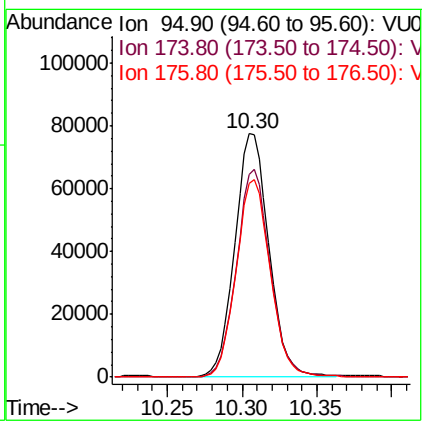


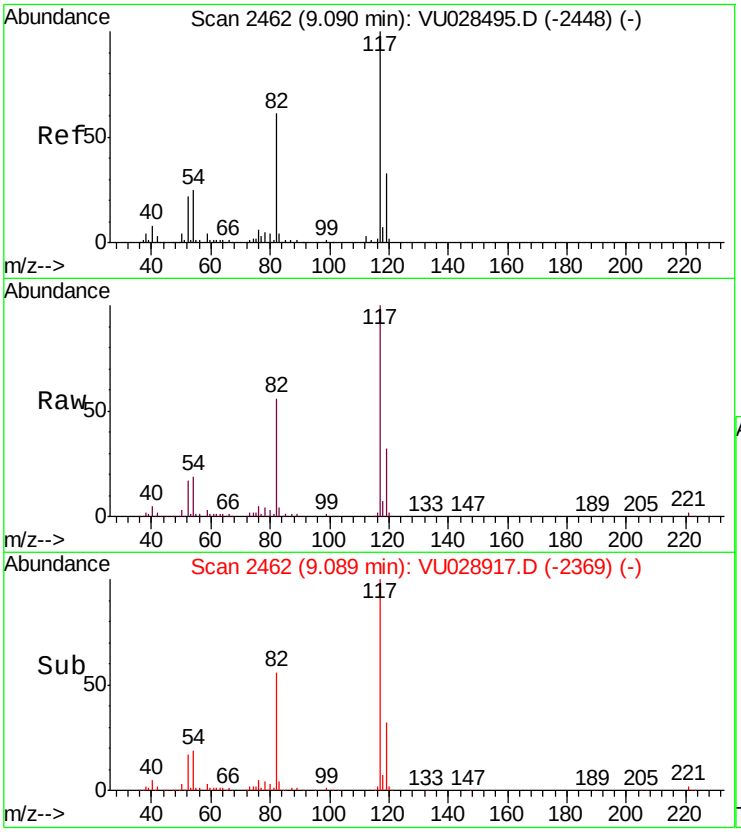


#62
4-Bromofluorobenzene
Concen: 47.046 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion: 95 Resp: 123143

Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	150.4
176	81.1	0.0	145.2



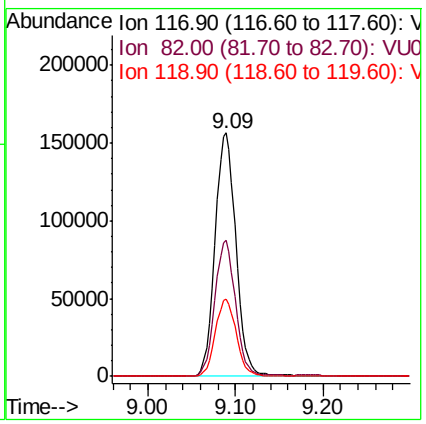


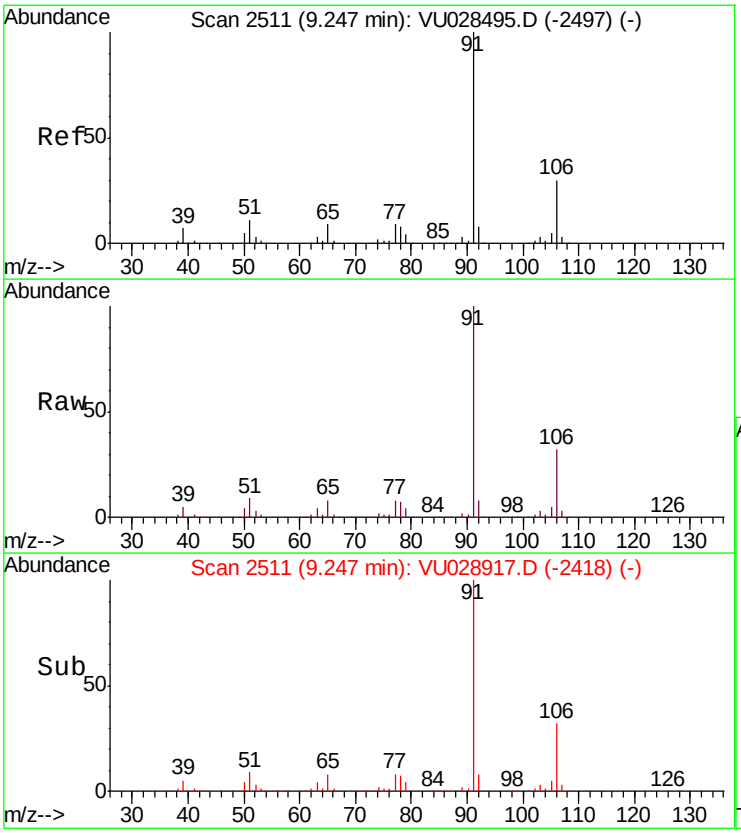
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

Tgt Ion:117 Resp: 260103

Ion	Ratio	Lower	Upper
117	100		
82	55.7	48.9	73.3
119	32.0	26.2	39.4

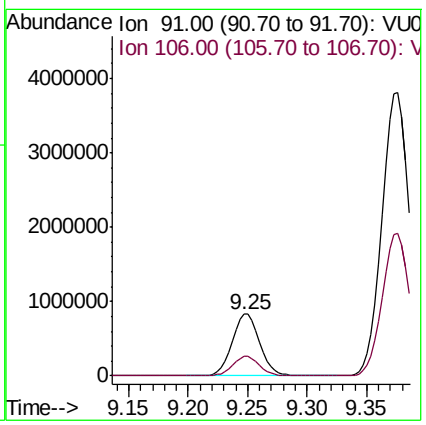


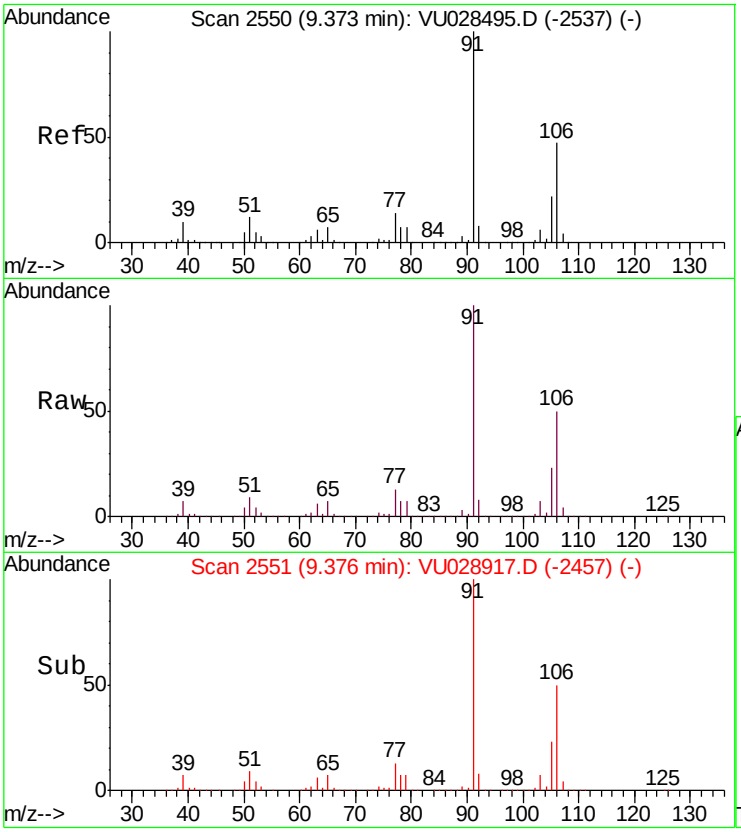


#67
Ethyl Benzene
Concen: 130.420 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion: 91 Resp: 1328846

Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.1	36.1



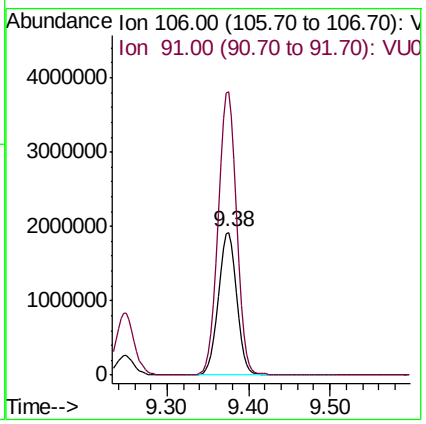


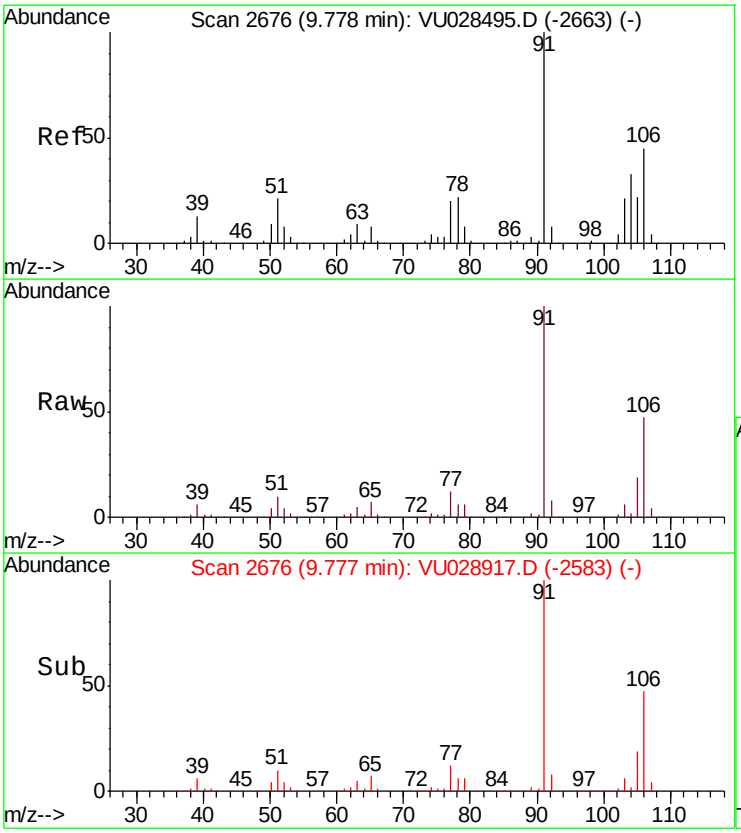
#68
m/p-Xylenes
Concen: 829.999 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

Tgt Ion:106 Resp: 3077213

Ion	Ratio	Lower	Upper
106	100		
91	200.6	167.4	251.0

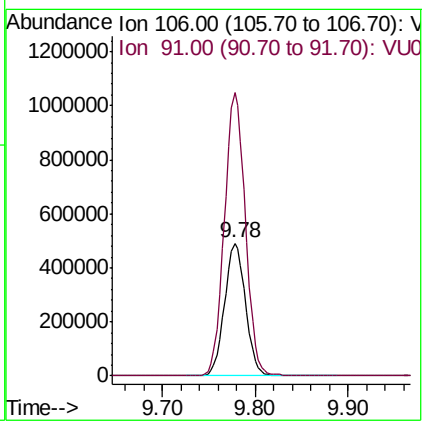


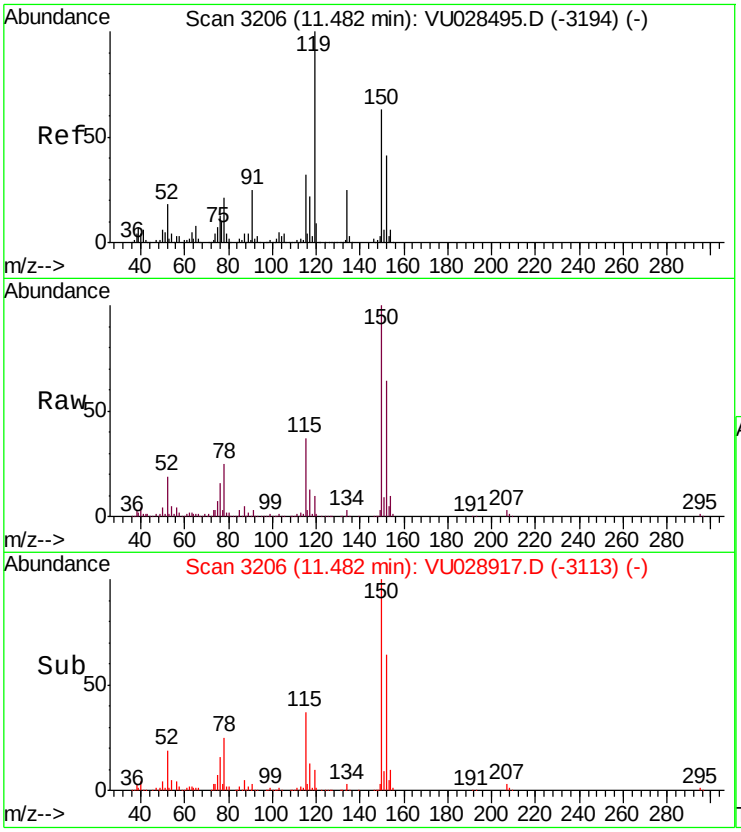


#69
o-Xylene
Concen: 213.446 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion:106 Resp: 769033

Ion	Ratio	Lower	Upper
106	100		
91	214.0	111.3	334.0



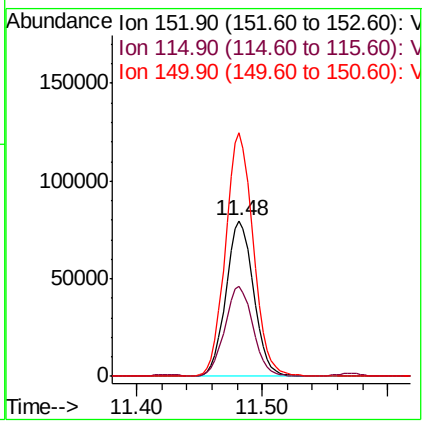


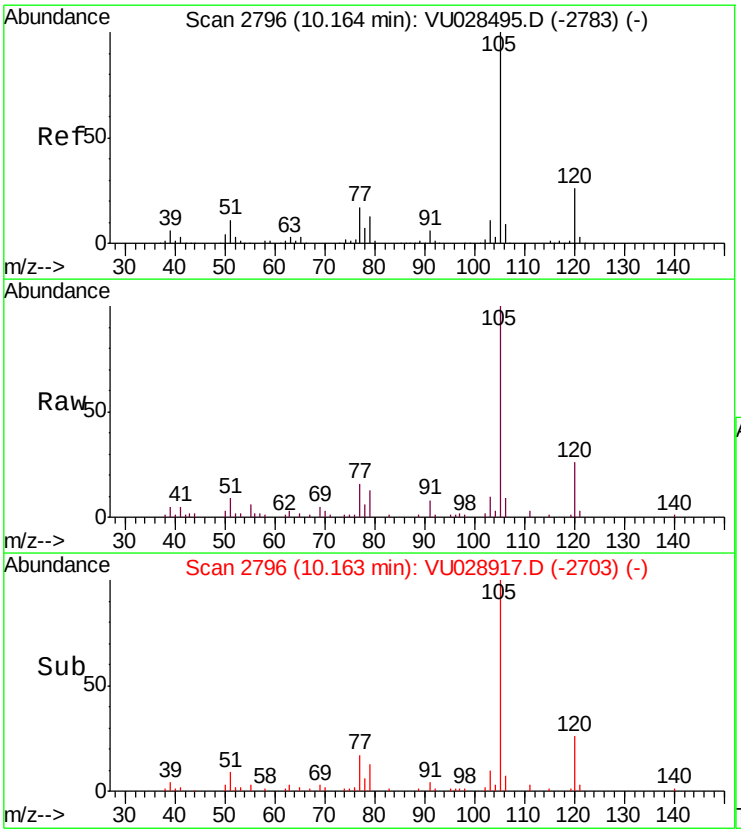
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

Tgt Ion:152 Resp: 121866

Ion	Ratio	Lower	Upper
152	100		
115	59.1	42.7	128.1
150	157.4	0.0	346.0

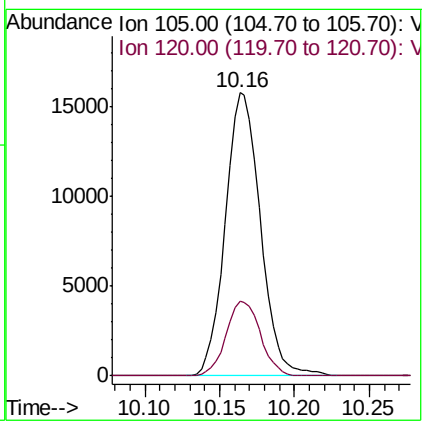


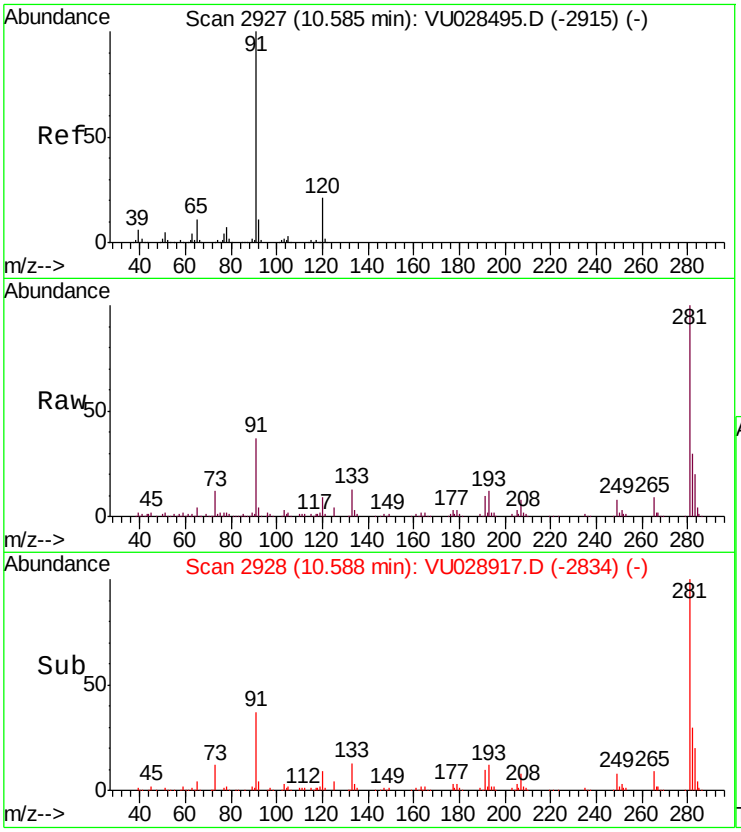


#73
Isopropylbenzene
Concen: 2.762 ug/l
RT: 10.16 min Scan# 2796
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion:105 Resp: 25827

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.9	38.6



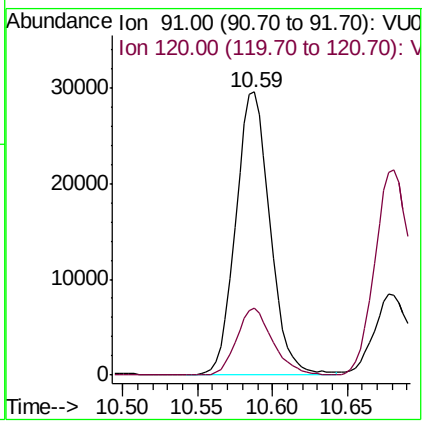


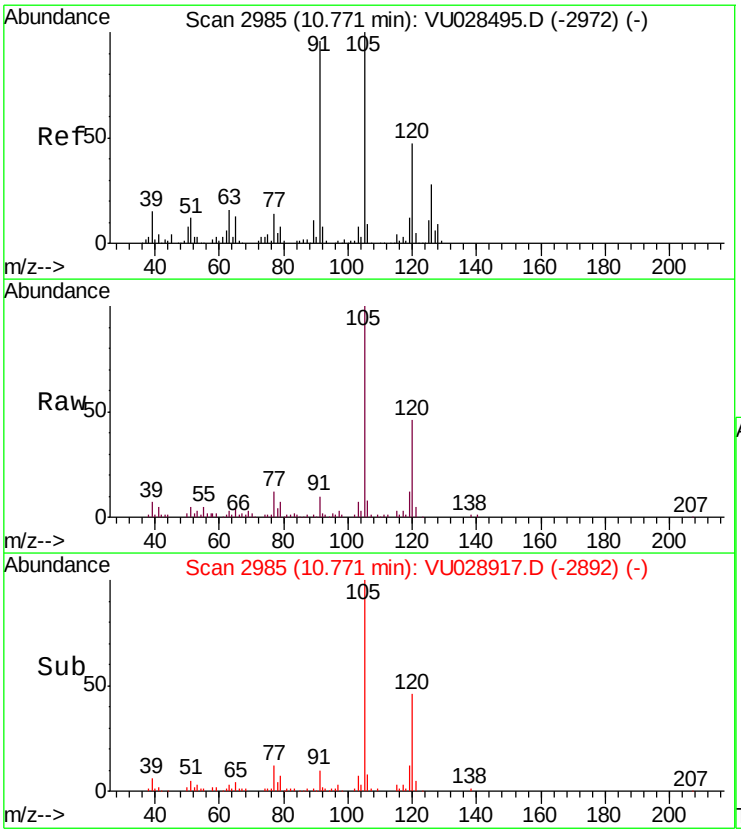
#78
n-propylbenzene
Concen: 4.071 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

Tgt Ion: 91 Resp: 47306

Ion	Ratio	Lower	Upper
91	100		
120	24.8	10.6	31.8

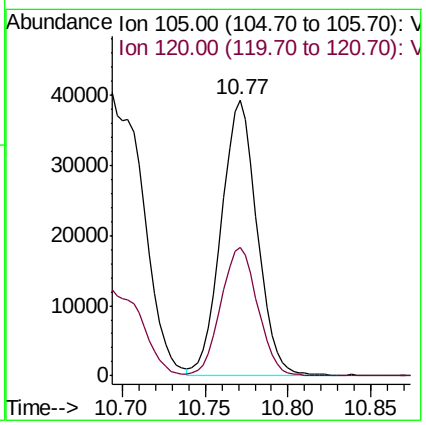


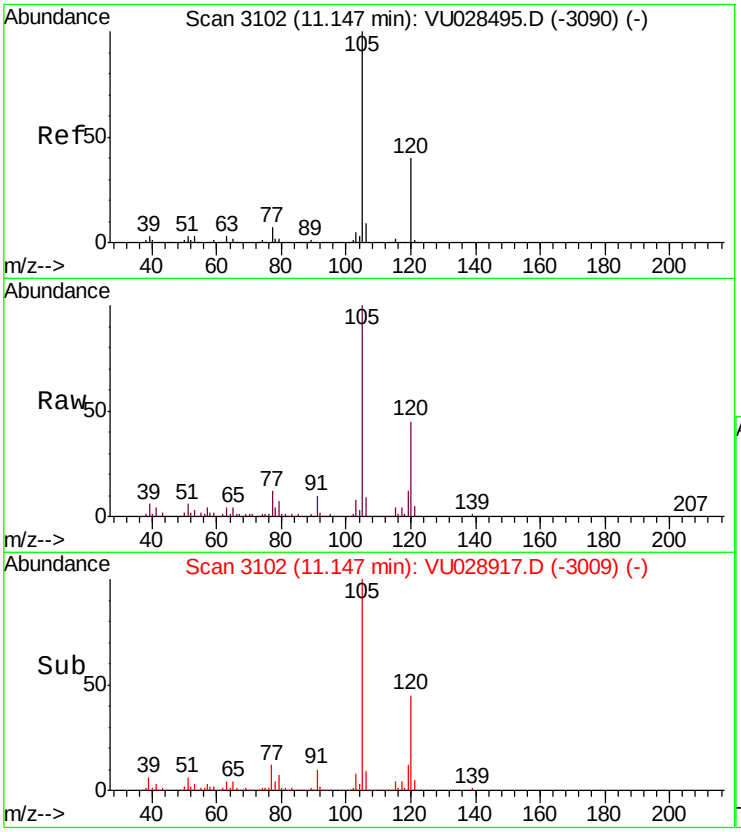


#80
1,3,5-Trimethylbenzene
Concen: 7.665 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion:105 Resp: 59331

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.7	71.1



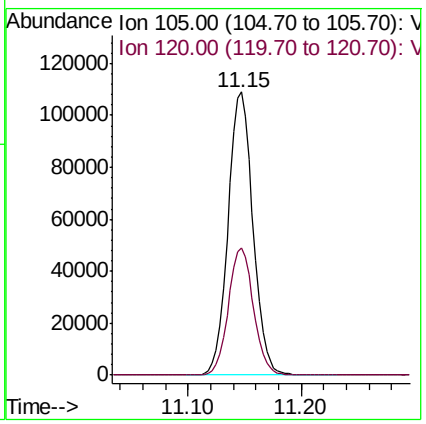


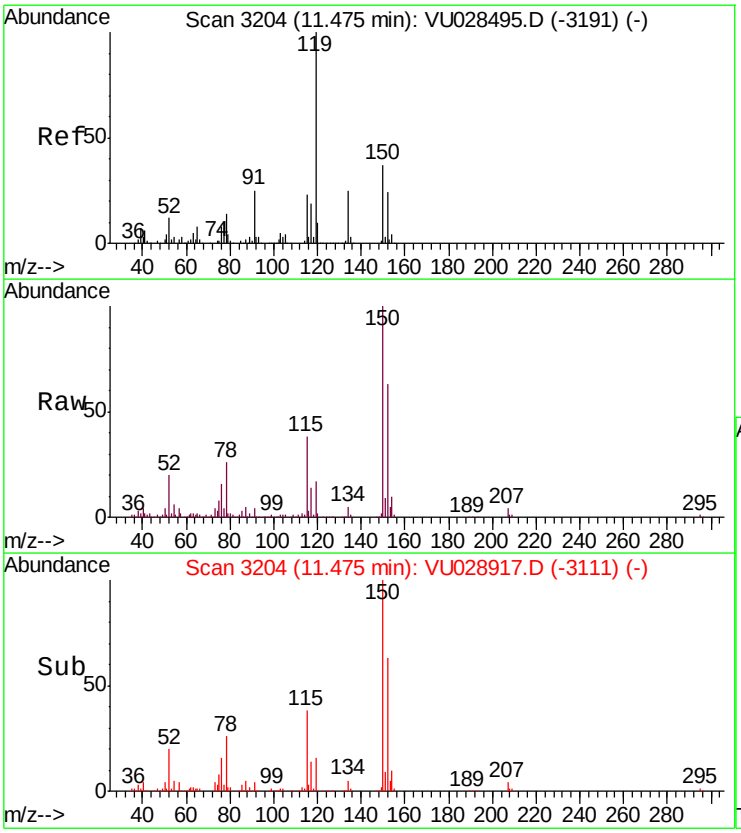
#84
1,2,4-Trimethylbenzene
Concen: 20.894 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

Tgt Ion:105 Resp: 166681

Ion	Ratio	Lower	Upper
105	100		
120	45.3	21.8	65.4

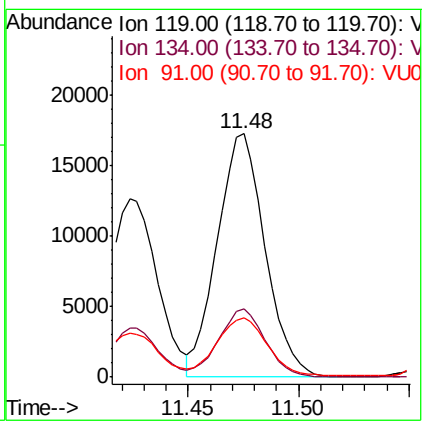


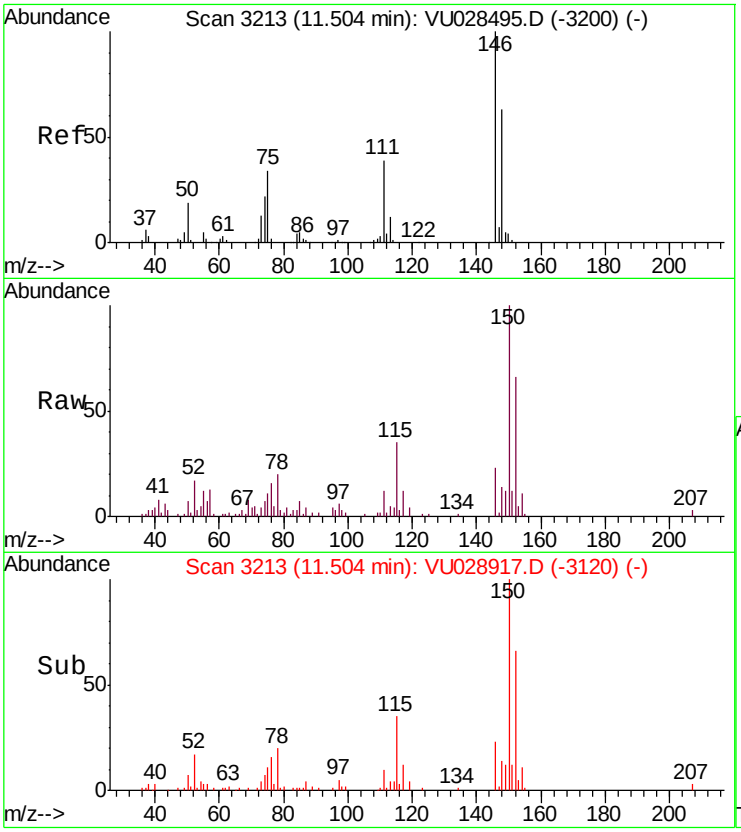


#86
p-Isopropyltoluene
Concen: 3.186 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion:119 Resp: 25944

Ion	Ratio	Lower	Upper
119	100		
134	27.3	12.7	38.1
91	24.5	12.6	37.6



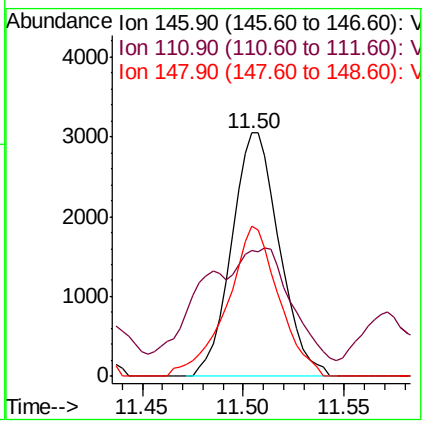


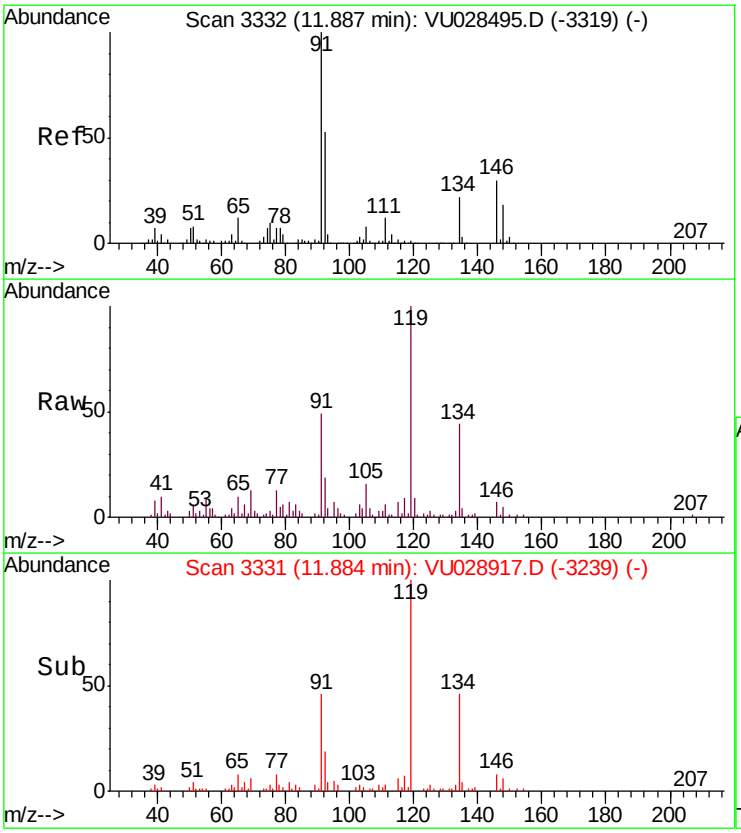
#88
1,4-Dichlorobenzene
Concen: 1.179 ug/l
RT: 11.50 min Scan# 3213
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

Tgt Ion:146 Resp: 5038

Ion	Ratio	Lower	Upper
146	100		
111	48.9	20.2	60.5
148	67.1	31.6	95.0

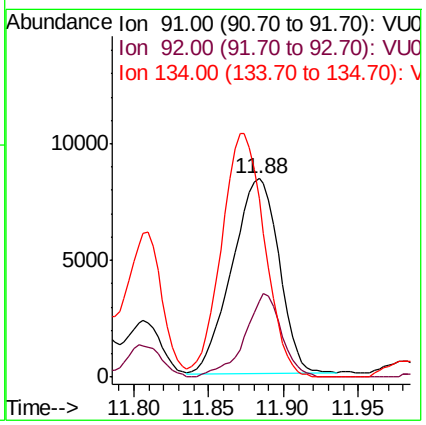


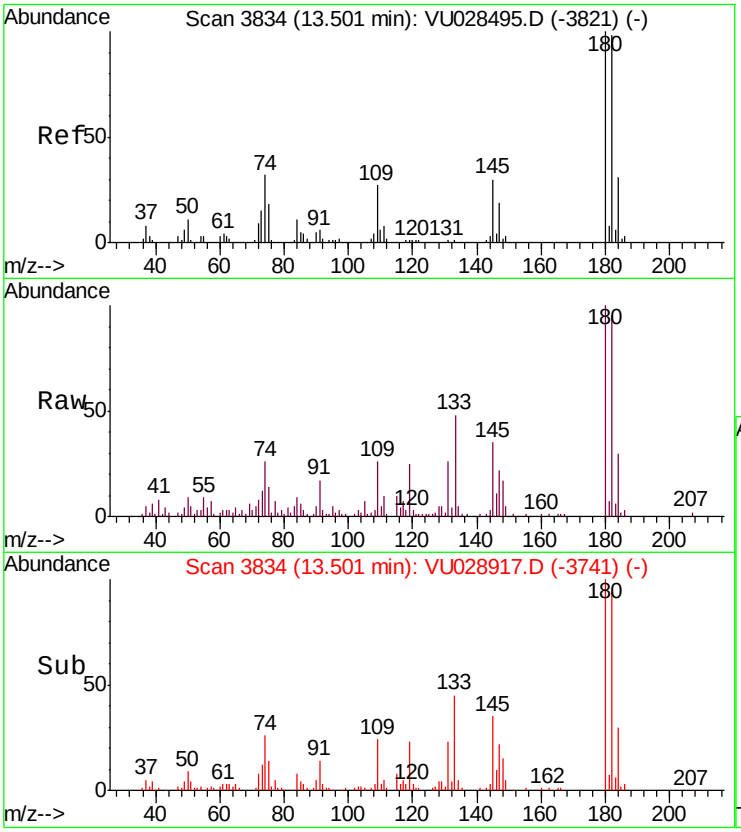


#89
n-Butylbenzene
Concen: 2.212 ug/l
RT: 11.88 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion: 91 Resp: 18223

Ion	Ratio	Lower	Upper
91	100		
92	33.6	26.3	78.9
134	115.0	11.3	33.8#



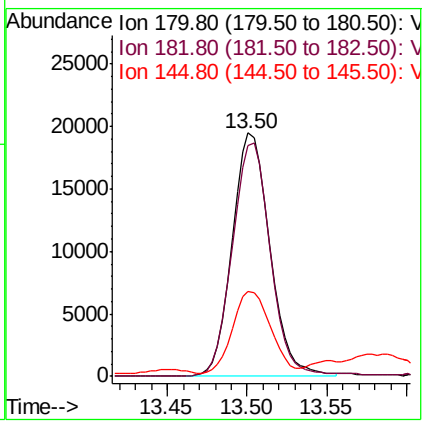


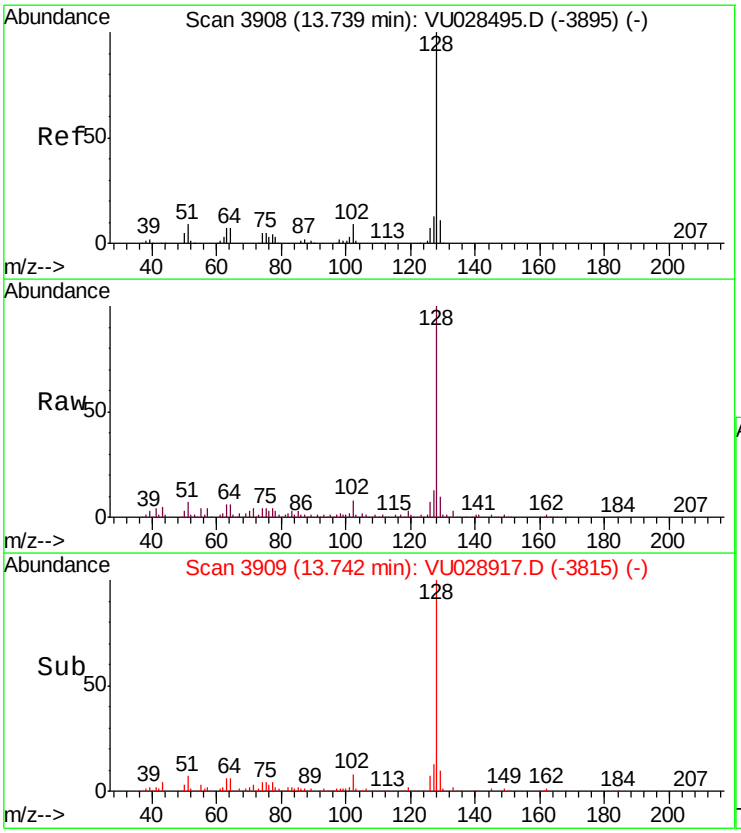
#93
1,2,4-Trichlorobenzene
Concen: 11.688 ug/l
RT: 13.50 min Scan# 3834
Delta R.T. -0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

Tgt Ion:180 Resp: 31311

Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.9	143.8
145	33.3	15.0	45.1

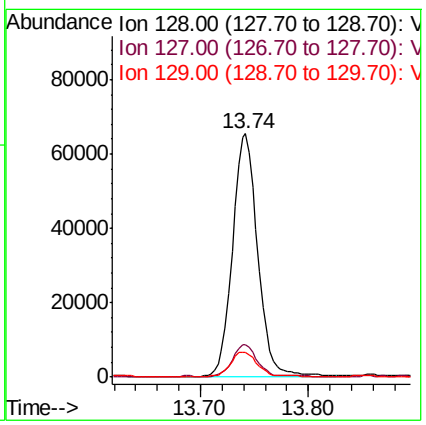


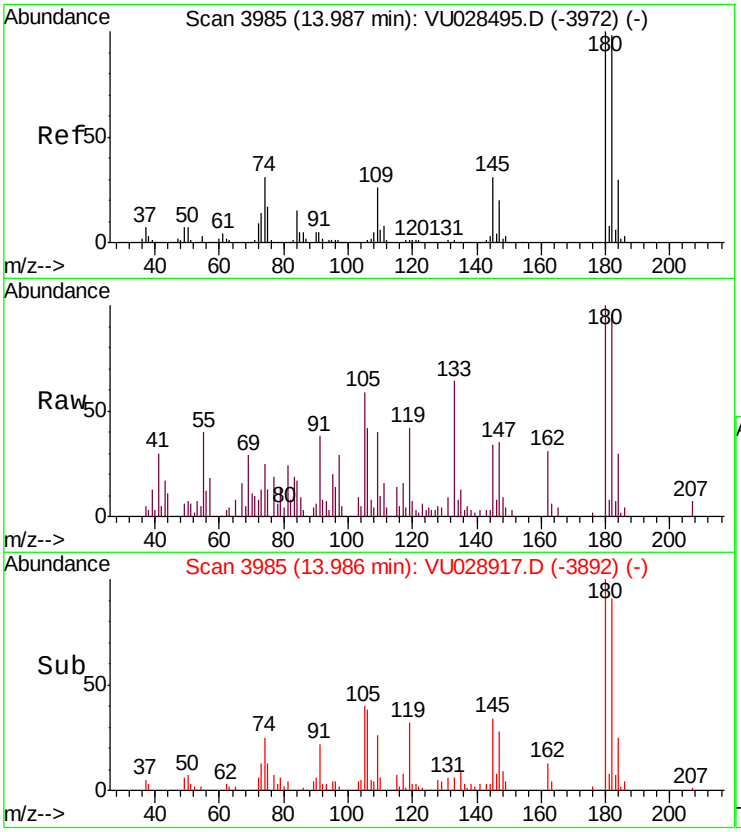


#95
Naphthalene
Concen: 10.861 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Tgt Ion:128 Resp: 107658

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	11.5	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 2.750 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028917.D
Acq: 22 Dec 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-3036-01ME

Tgt Ion:180 Resp: 7377

Ion	Ratio	Lower	Upper
180	100		
182	105.4	48.2	144.6
145	0.0	15.8	47.3#