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

Quantitation Report (QT Reviewed)

Data File : VU028927.D
Acq On : 22 Dec 2018 20:14
Operator : MD/SY
Sample : J6426-15ME 10X
Misc : 4.93g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : P001-SS013C-1824-01ME

Quant Time: Jan 05 06:01:55 2019
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	191553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	314546	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	132288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	108066	36.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.94%			
35) Dibromofluoromethane	4.88	113	94830	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.82%			
50) Toluene-d8	7.57	98	386109	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.62%			
62) 4-Bromofluorobenzene	10.31	95	135007	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.26%			
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	4.22	96	3241	1.192	ug/l	78
31) Cyclohexane	4.99	56	13404	1.514	ug/l #	60
39) Methylcyclohexane	6.41	83	19973	4.756	ug/l	88
52) Toluene	7.64	92	5515777	924.509	ug/l	97
67) Ethyl Benzene	9.25	91	967495	87.028	ug/l	98
68) m/p-Xylenes	9.37	106	2506911	619.728	ug/l	95
69) o-Xylene	9.78	106	630662	160.428	ug/l	94
73) Isopropylbenzene	10.17	105	18344	1.807	ug/l	100
78) n-propylbenzene	10.59	91	29537	2.342	ug/l	90
80) 1,3,5-Trimethylbenzene	10.77	105	48034	5.717	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	122541	14.151	ug/l	97
85) sec-Butylbenzene	11.32	105	5917	0.569	ug/l	99
86) p-Isopropyltoluene	11.48	119	17503	1.980	ug/l	97
89) n-Butylbenzene	11.88	91	14540	1.626	ug/l #	16
93) 1,2,4-Trichlorobenzene	13.50	180	24445	8.643	ug/l	96
95) Naphthalene	13.74	128	60042	5.580	ug/l #	97
96) 1,2,3-Trichlorobenzene	13.99	180	6610	2.296	ug/l #	85

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

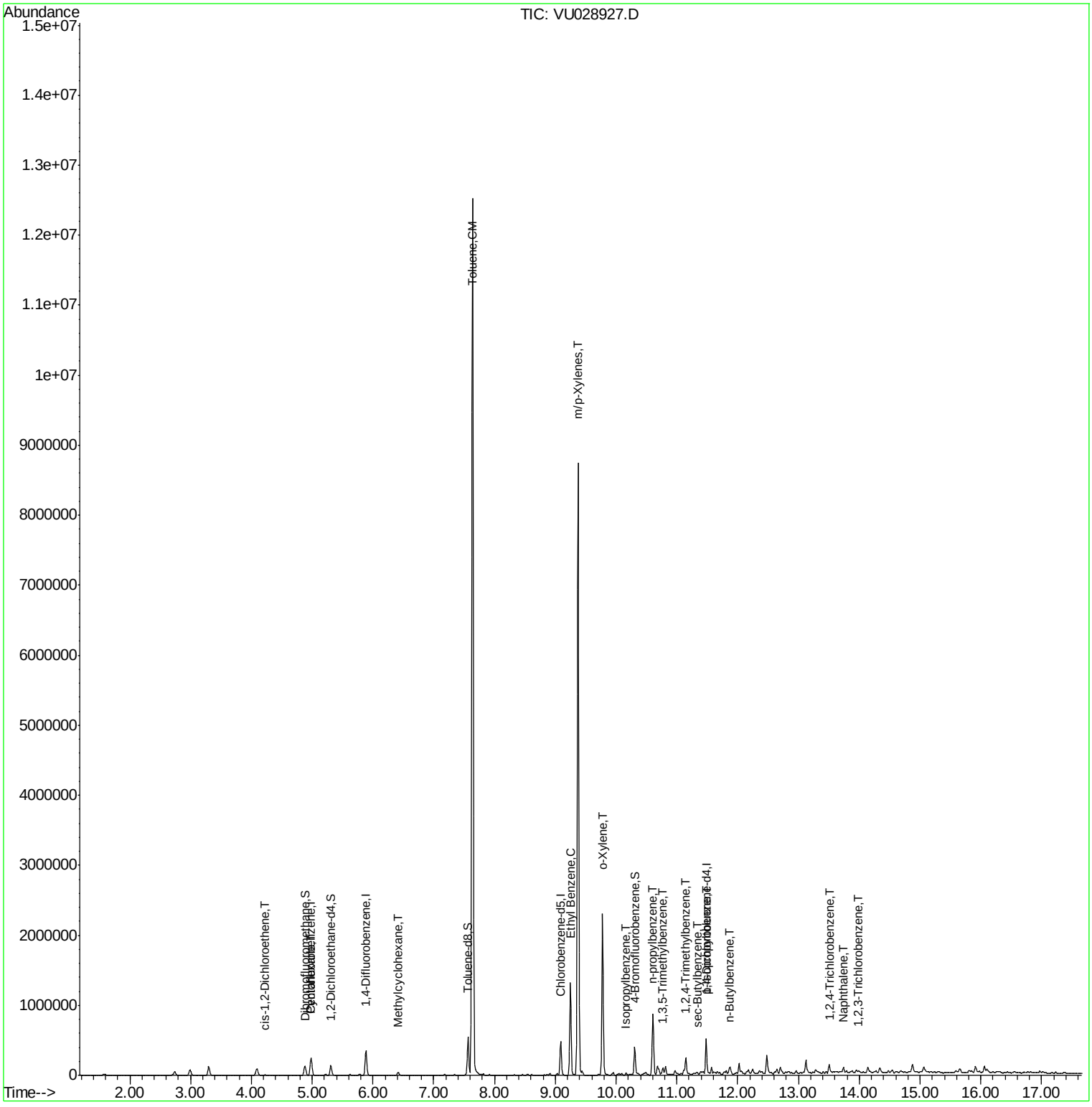
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122218\

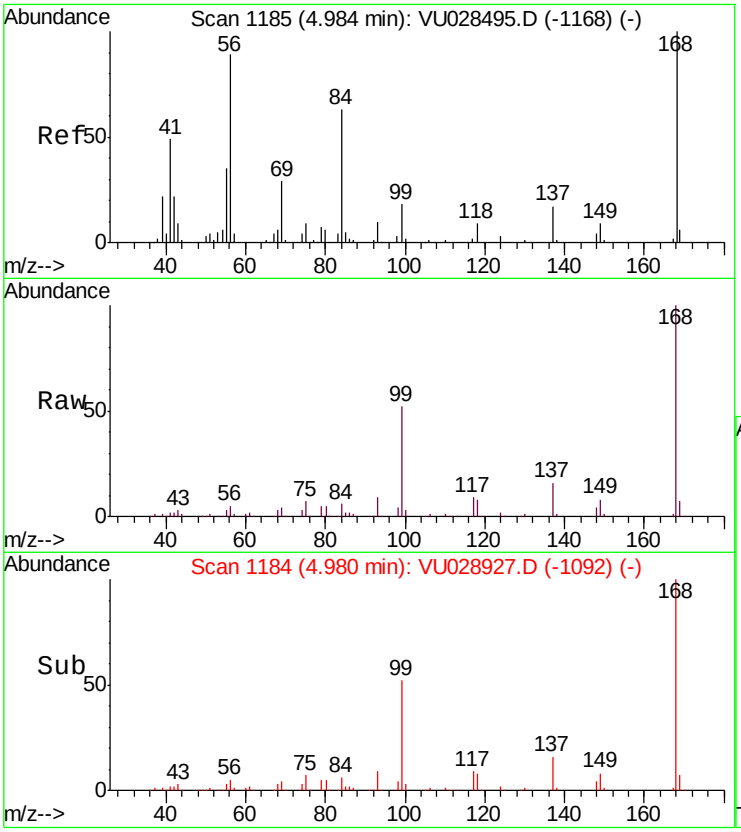
Quantitation Report (QT Reviewed)

Data File : VU028927.D
Acq On : 22 Dec 2018 20:14
Operator : MD/SY
Sample : J6426-15ME 10X
Misc : 4.93g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01ME

Quant Time: Jan 05 06:01:55 2019
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



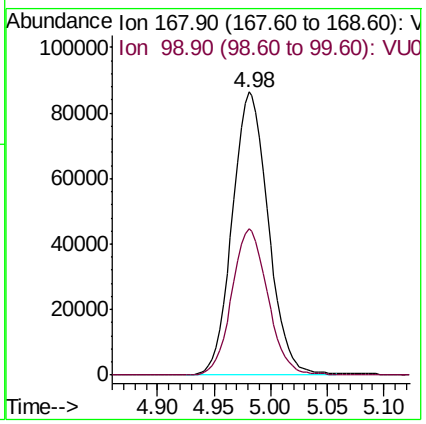


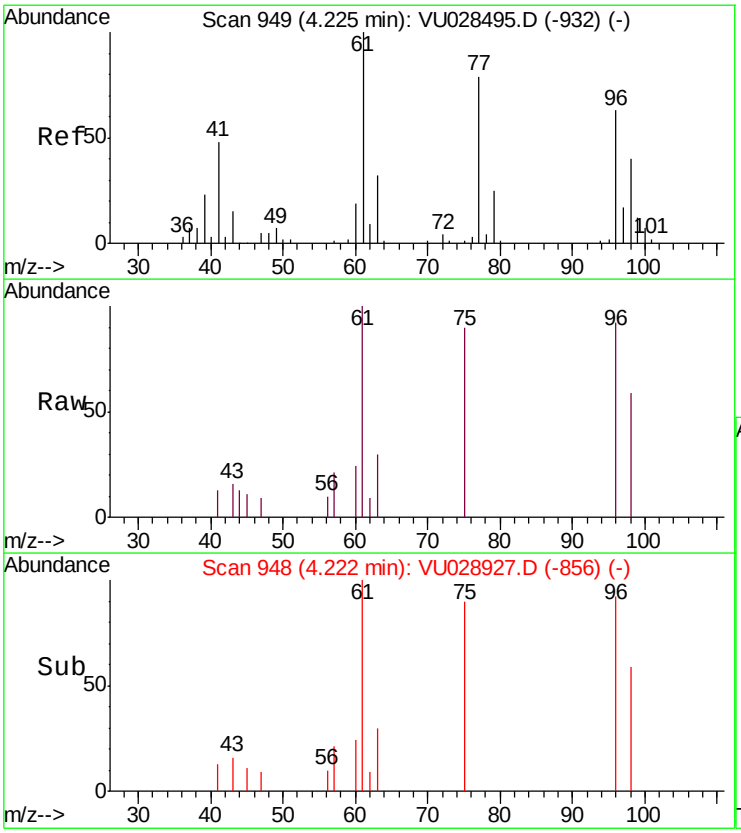
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01ME

Tgt Ion:168 Resp: 191553

Ion	Ratio	Lower	Upper
168	100		
99	51.7	46.6	69.8

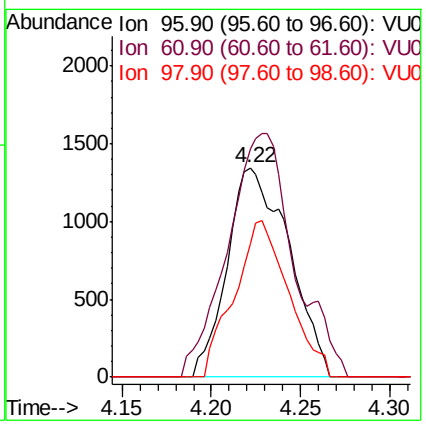


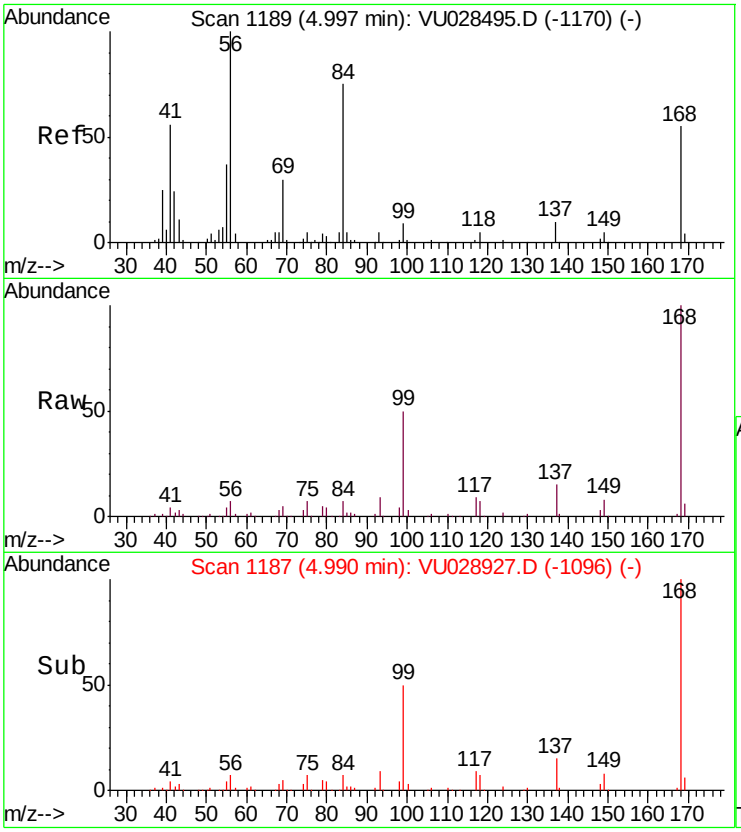


#27
cis-1,2-Dichloroethene
Concen: 1.192 ug/l
RT: 4.22 min Scan# 948
Delta R.T. -0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Tgt Ion: 96 Resp: 3241

Ion	Ratio	Lower	Upper
96	100		
61	125.1	0.0	332.4
98	65.6	0.0	129.0



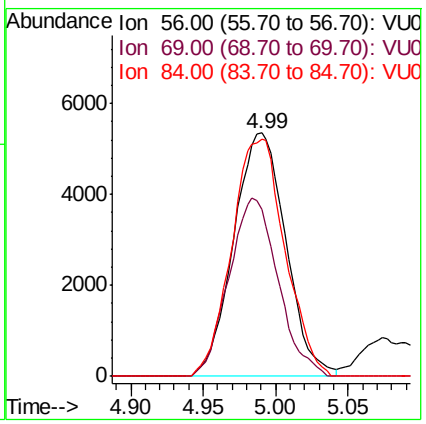


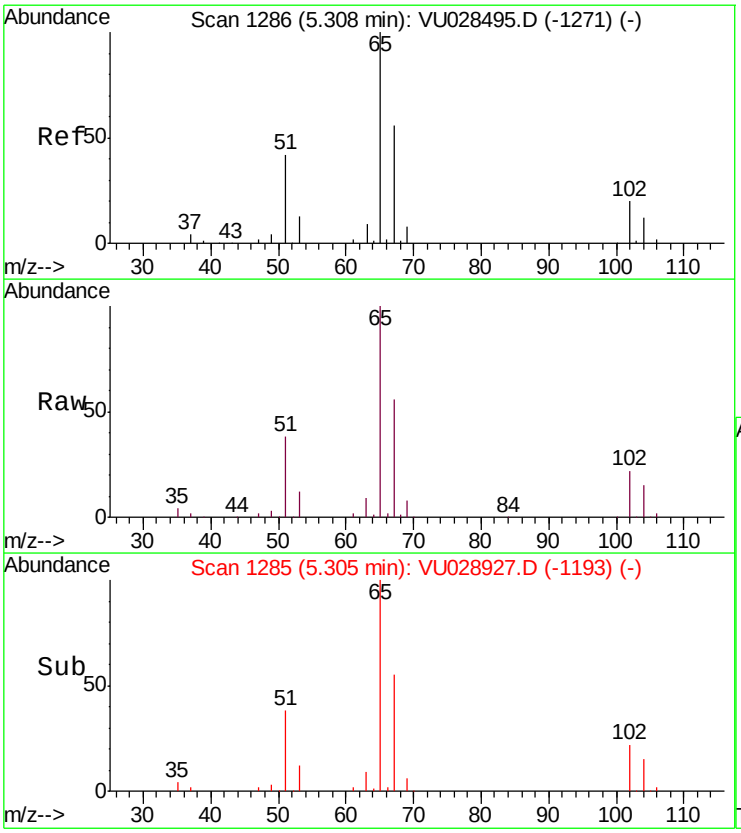
#31
Cyclohexane
Concen: 1.514 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01ME

Tgt Ion: 56 Resp: 13404

Ion	Ratio	Lower	Upper
56	100		
69	68.5	24.0	36.0#
84	97.6	59.7	89.5#

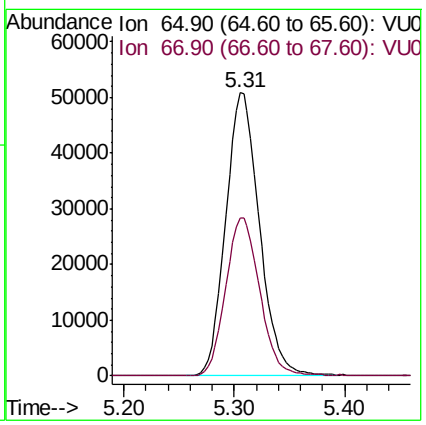


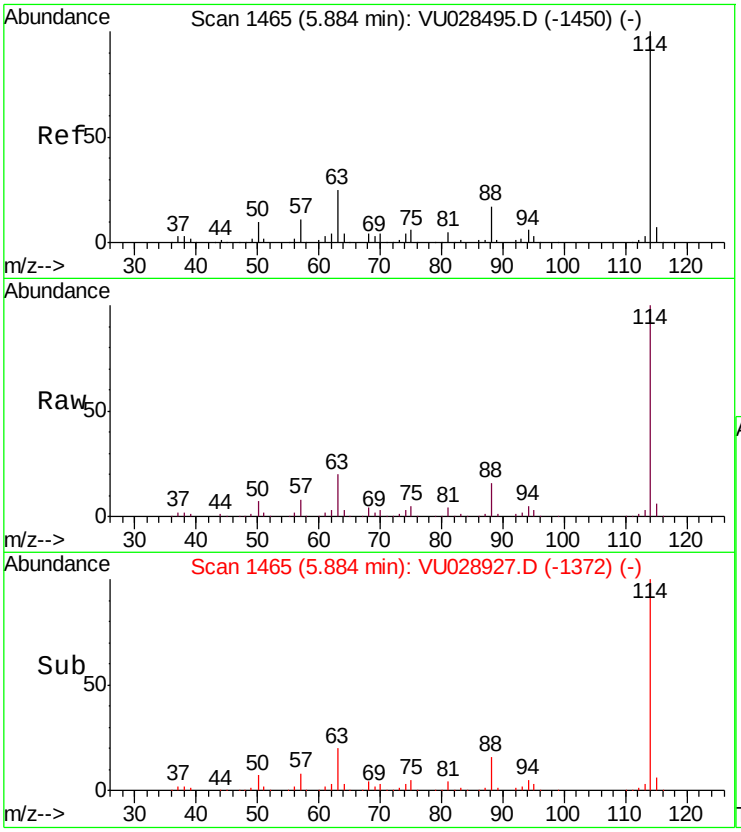


#33
1,2-Dichloroethane-d4
Concen: 36.968 ug/l
RT: 5.31 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Tgt Ion: 65 Resp: 108066

Ion	Ratio	Lower	Upper
65	100		
67	56.3	0.0	110.6



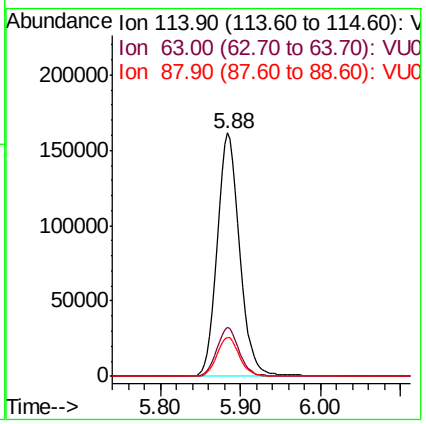


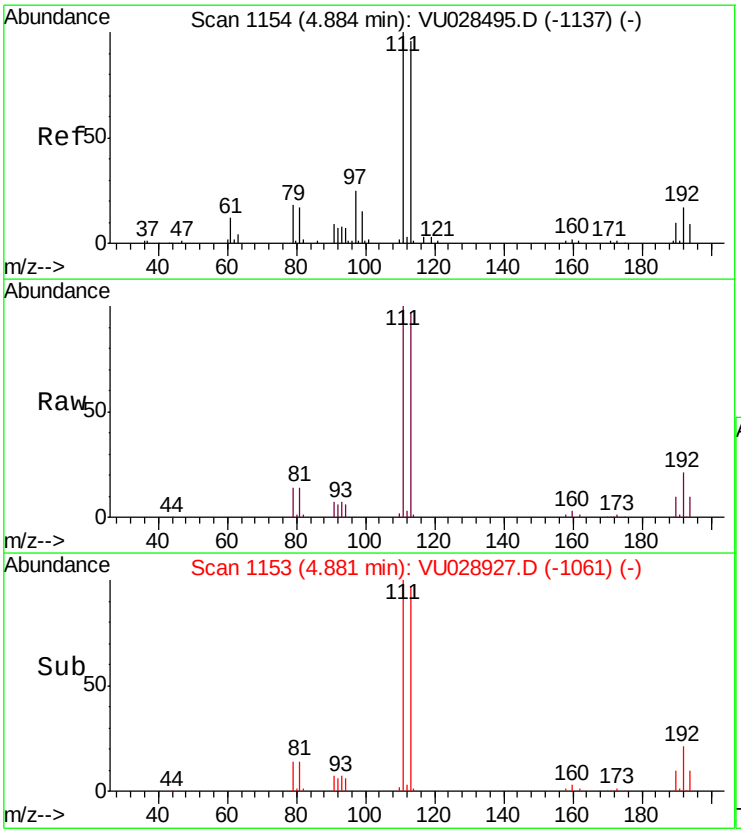
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. 0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01ME

Tgt Ion:114 Resp: 314546

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	49.2
88	16.1	0.0	33.4

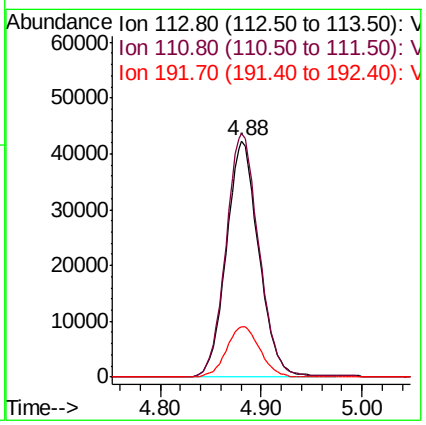


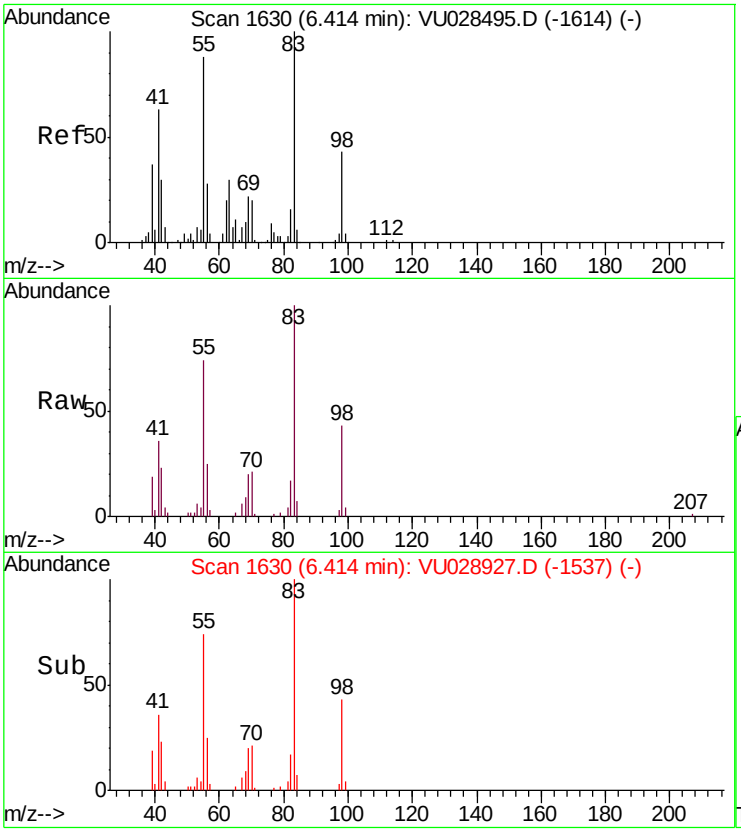


#35
Dibromofluoromethane
Concen: 47.907 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Tgt Ion:113 Resp: 94830

Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.4	125.0
192	21.9	14.8	22.2



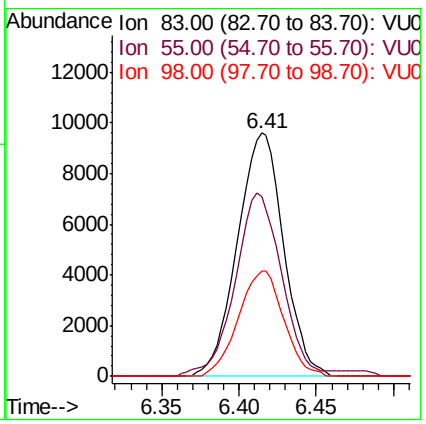


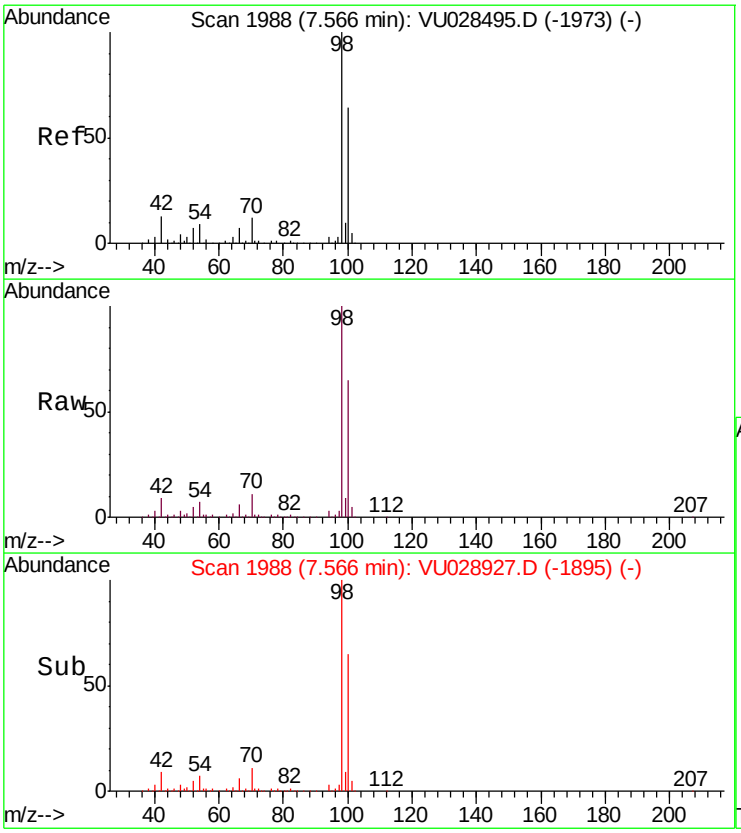
#39
Methylcyclohexane
Concen: 4.756 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01ME

Tgt Ion: 83 Resp: 19973

Ion	Ratio	Lower	Upper
83	100		
55	71.7	70.2	105.2
98	43.2	34.2	51.4

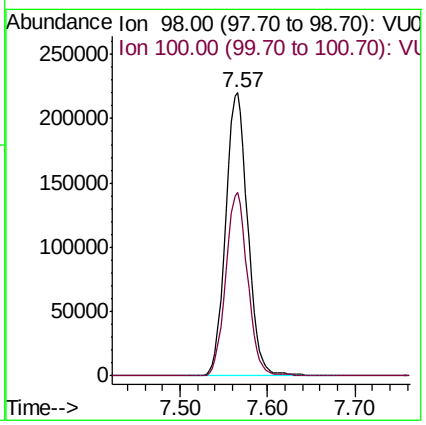


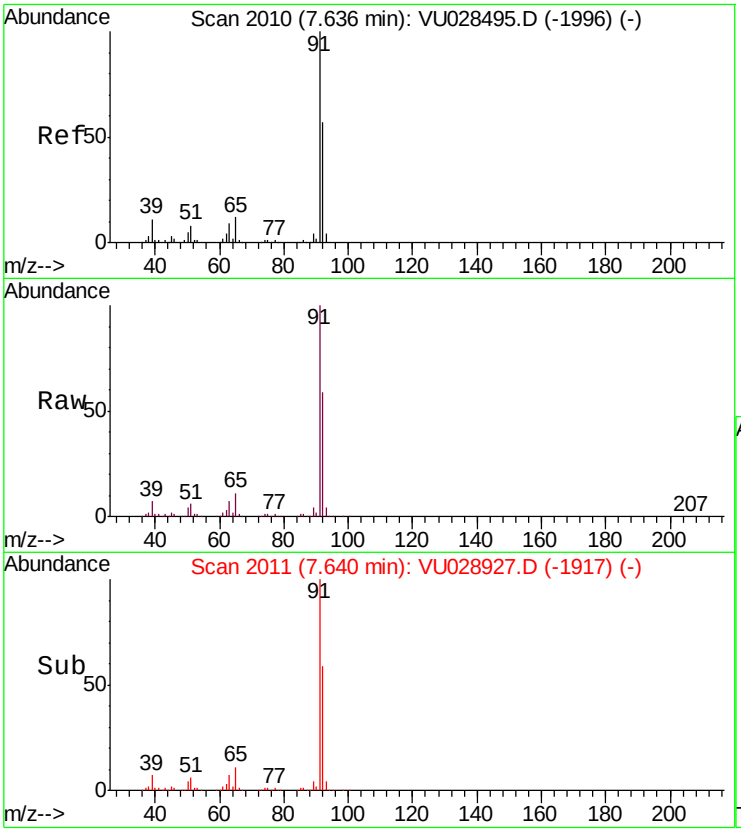


#50
Toluene-d8
Concen: 49.309 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Tgt Ion: 98 Resp: 386109

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.0	76.6



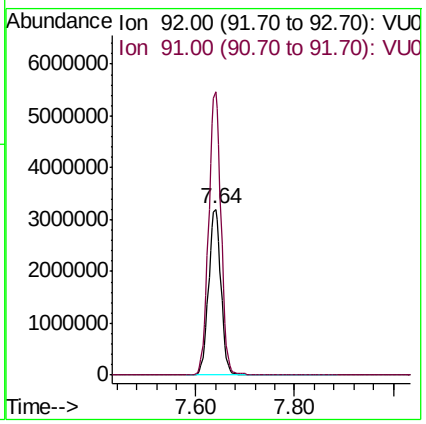


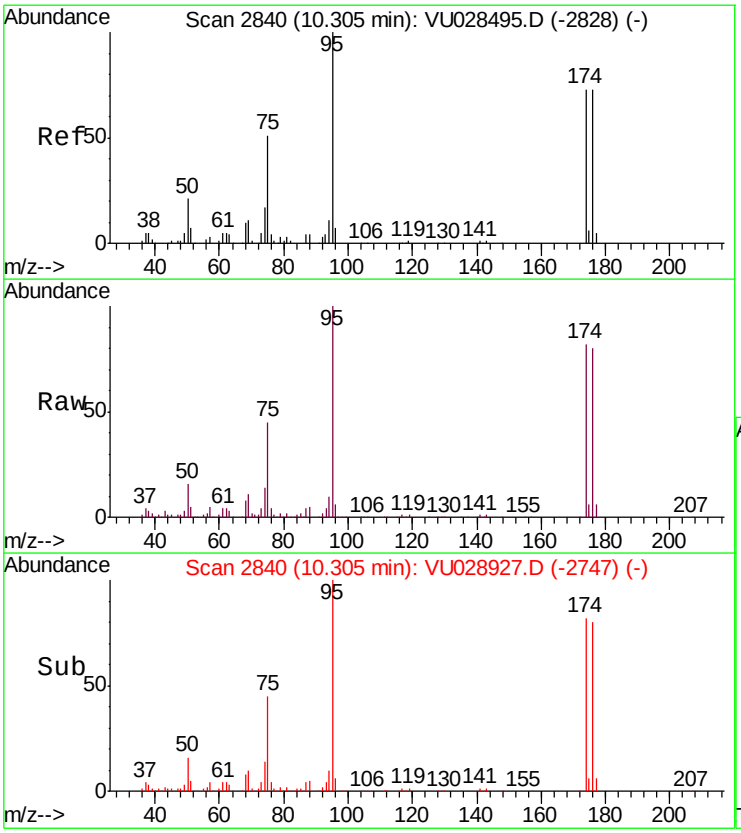
#52
Toluene
Concen: 924.509 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01ME

Tgt Ion: 92 Resp: 5515777

Ion	Ratio	Lower	Upper
92	100		
91	171.4	140.2	210.4

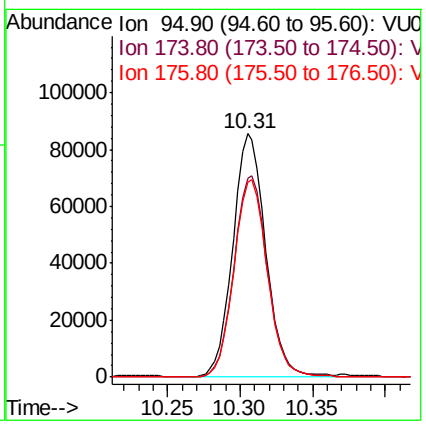


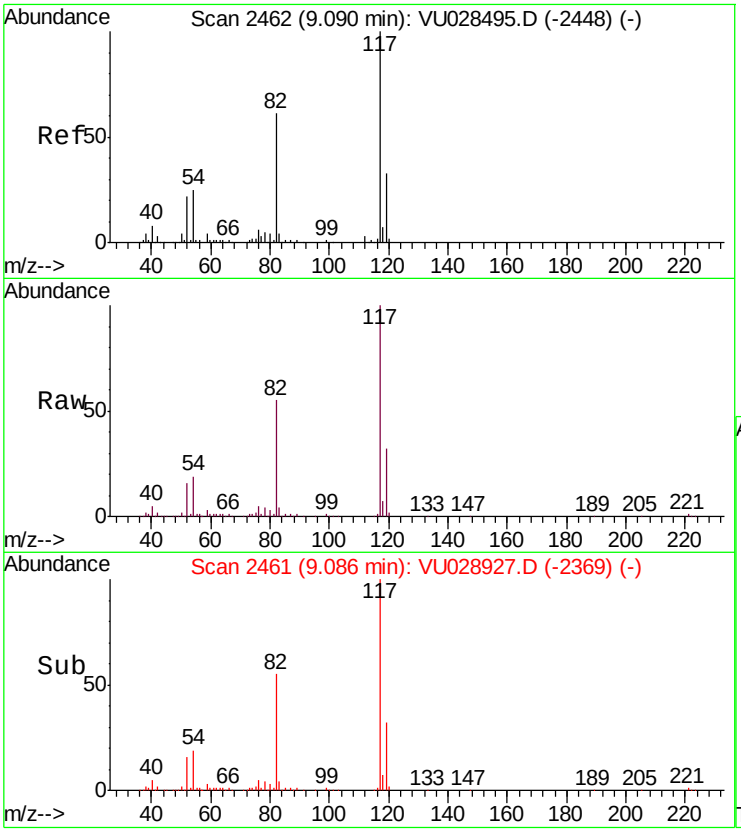


#62
4-Bromofluorobenzene
Concen: 46.129 ug/l
RT: 10.31 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Tgt Ion: 95 Resp: 135007

Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	150.4
176	82.4	0.0	145.2



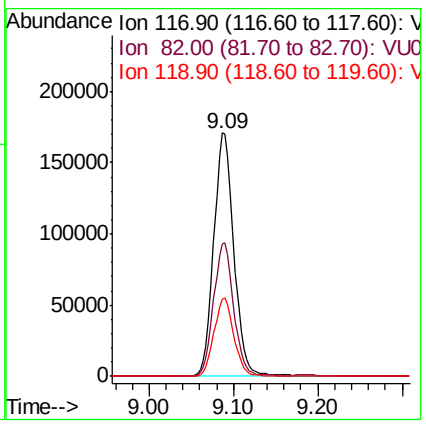


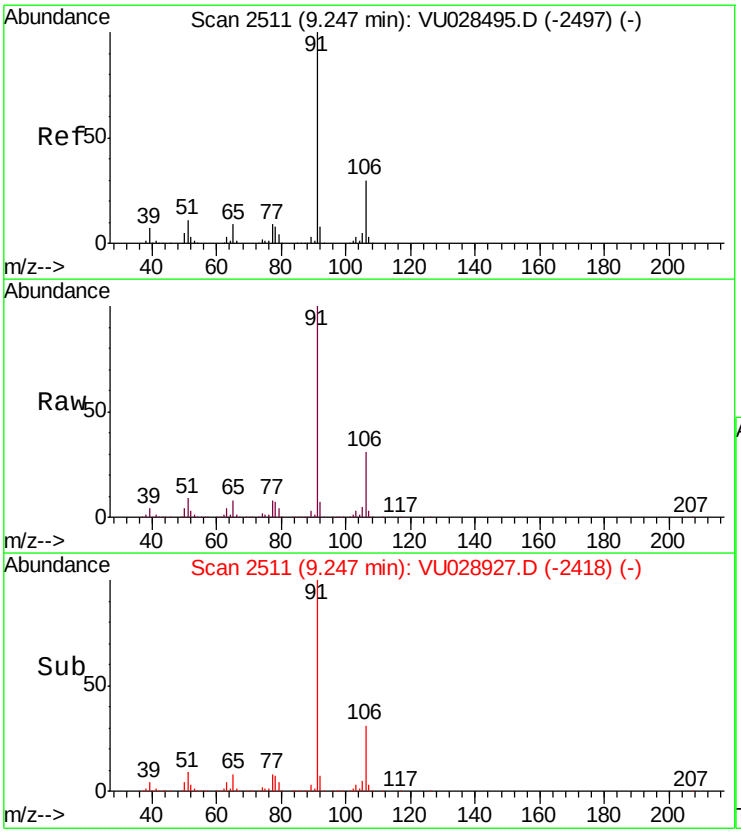
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Instrument : MSVOA_U
ClientSampleId : P001-SS013C-1824-01ME

Tgt Ion:117 Resp: 283794

Ion	Ratio	Lower	Upper
117	100		
82	54.5	48.9	73.3
119	31.8	26.2	39.4

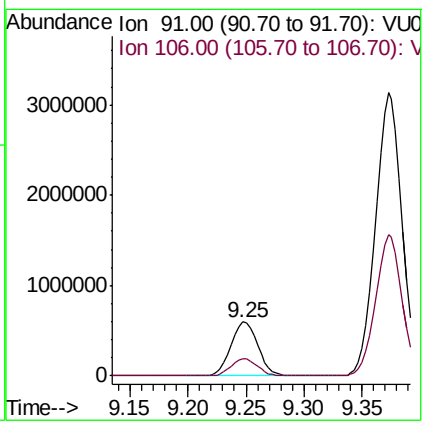


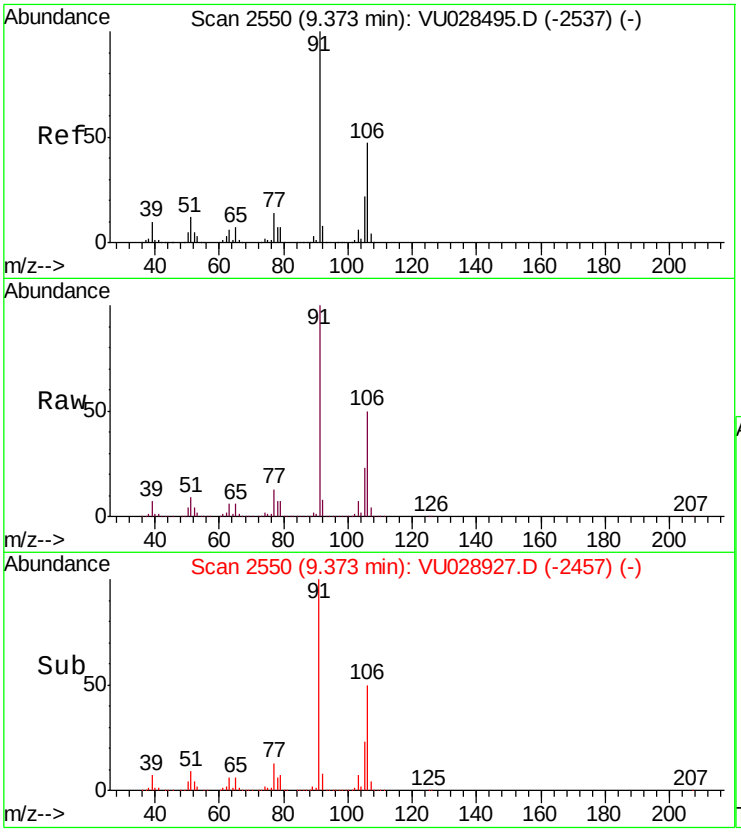


#67
Ethyl Benzene
Concen: 87.028 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Tgt Ion: 91 Resp: 967495

Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.1	36.1



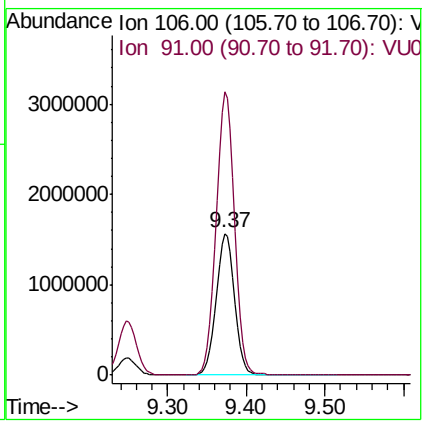


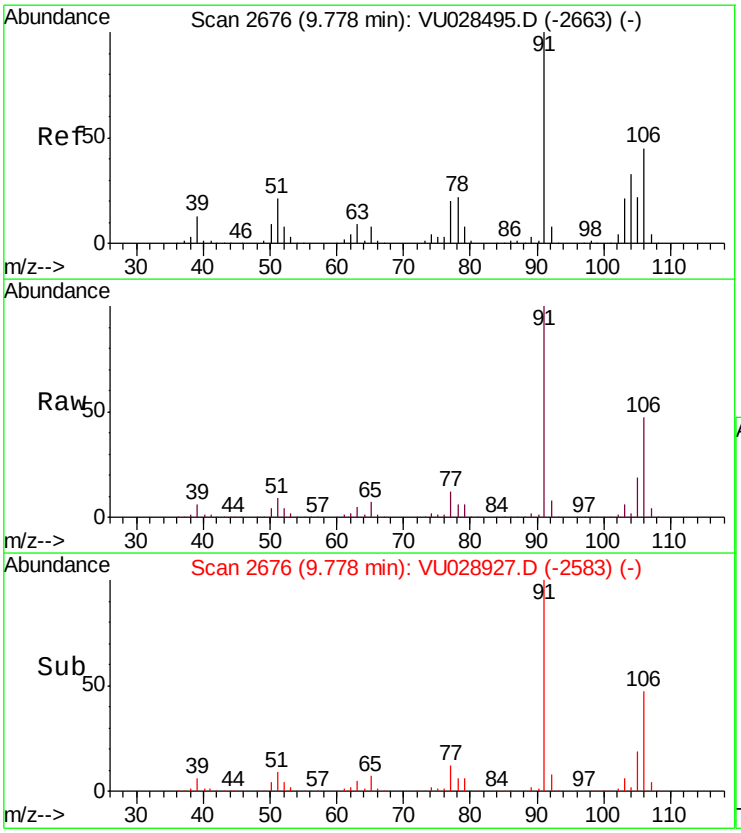
#68
m/p-Xylenes
Concen: 619.728 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01ME

Tgt Ion:106 Resp: 2506911

Ion	Ratio	Lower	Upper
106	100		
91	200.7	167.4	251.0

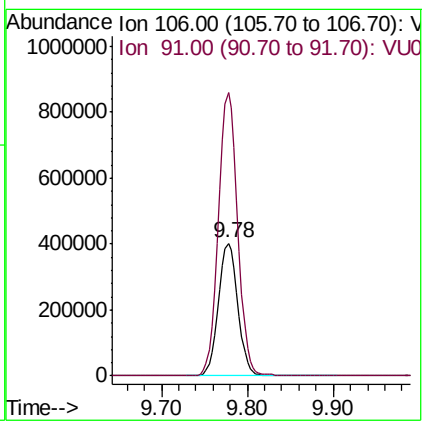


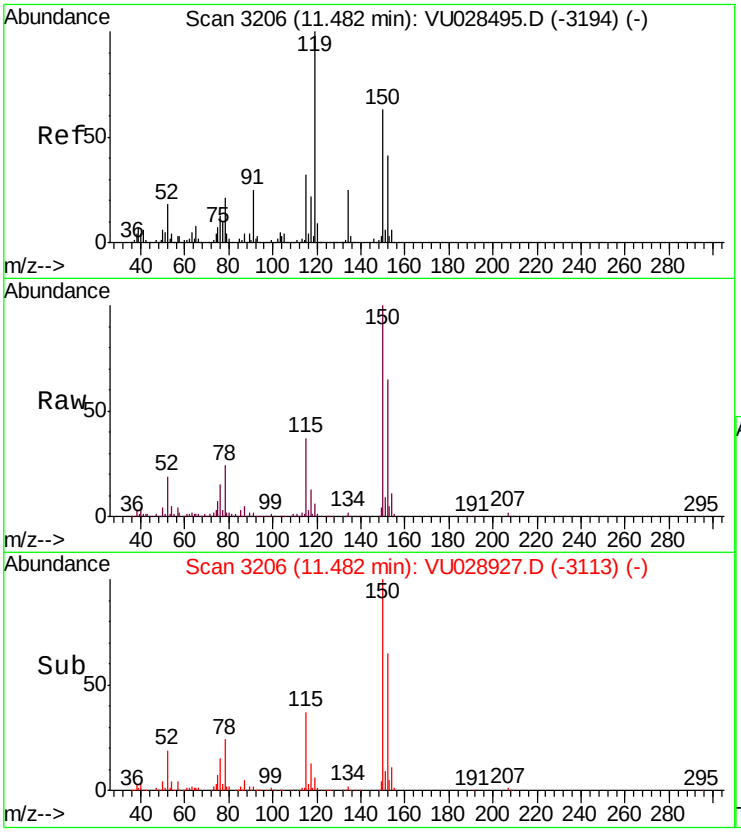


#69
o-Xylene
Concen: 160.428 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Tgt Ion:106 Resp: 630662

Ion	Ratio	Lower	Upper
106	100		
91	212.2	111.3	334.0



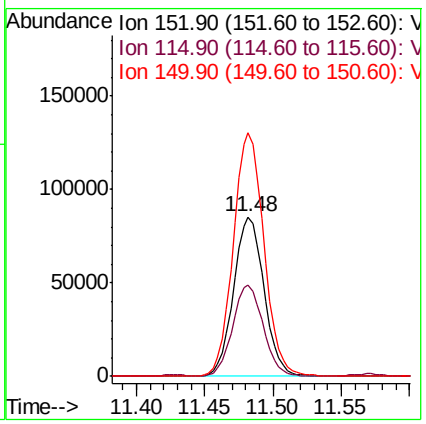


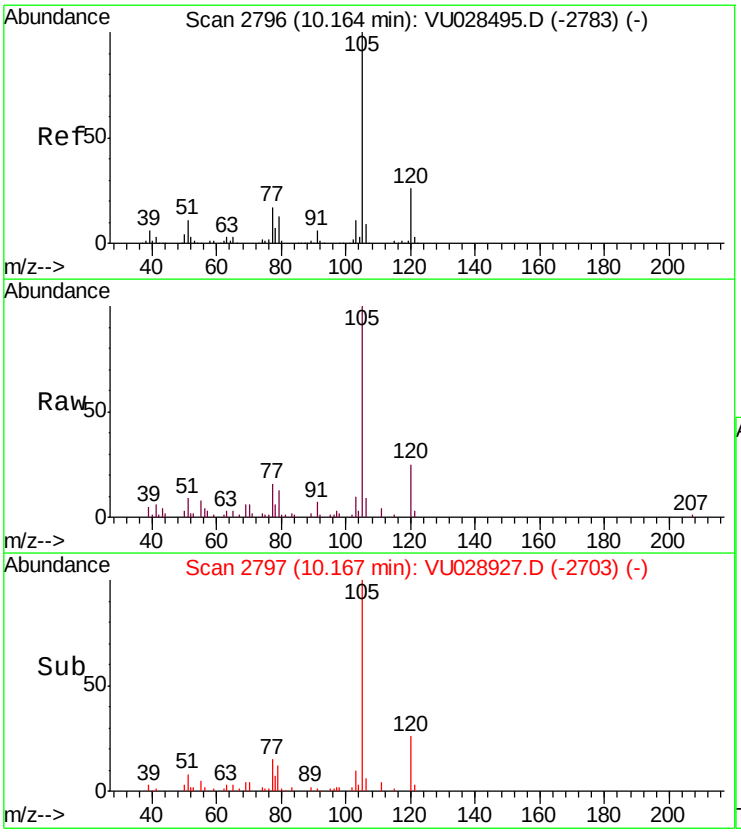
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01ME

Tgt Ion:152 Resp: 132288

Ion	Ratio	Lower	Upper
152	100		
115	57.2	42.7	128.1
150	154.0	0.0	346.0

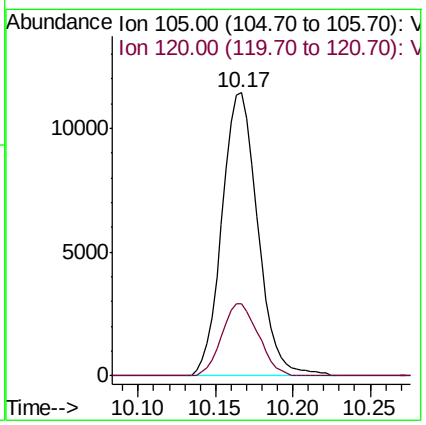


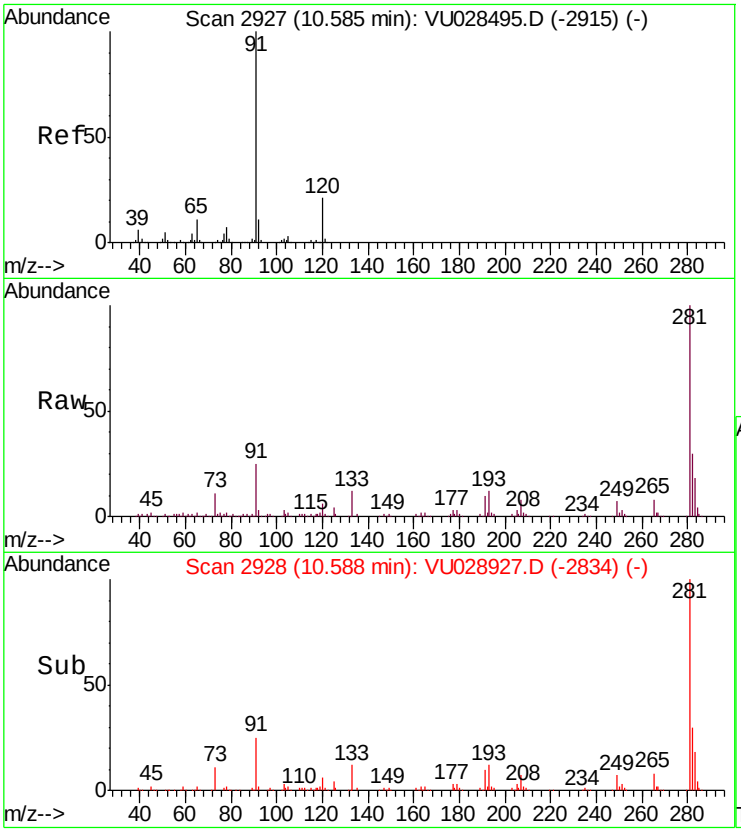


#73
Isopropylbenzene
Concen: 1.807 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Tgt Ion:105 Resp: 18344

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.9	38.6



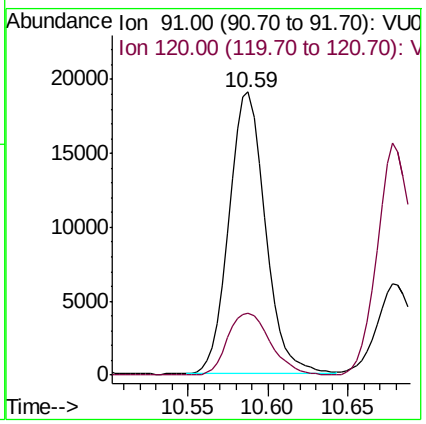


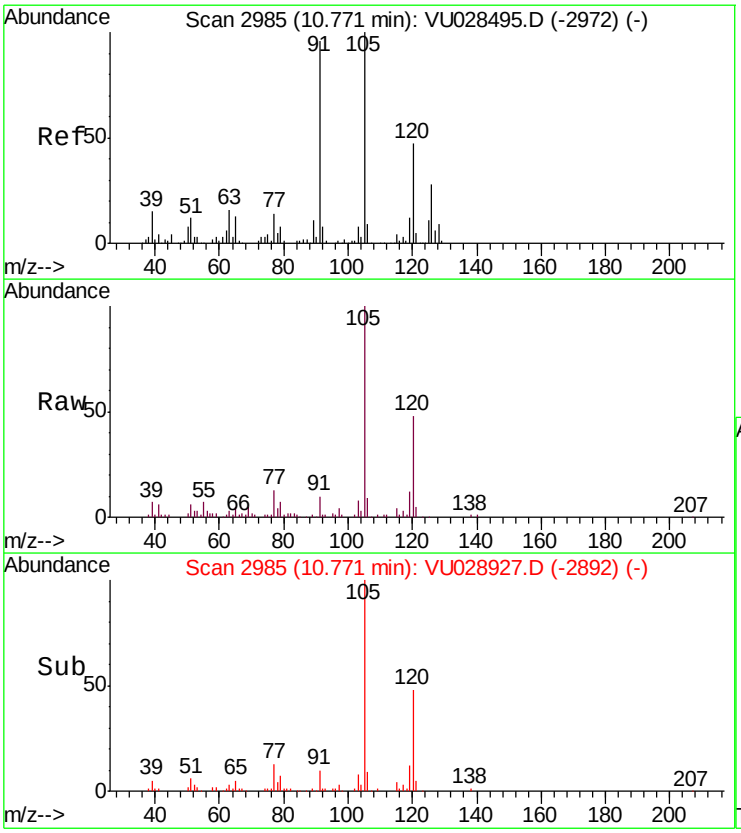
#78
n-propylbenzene
Concen: 2.342 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01ME

Tgt Ion: 91 Resp: 29537

Ion	Ratio	Lower	Upper
91	100		
120	26.0	10.6	31.8

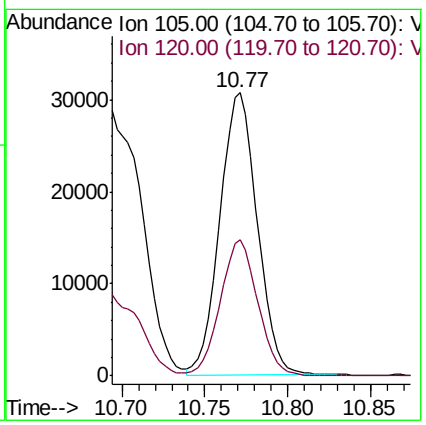


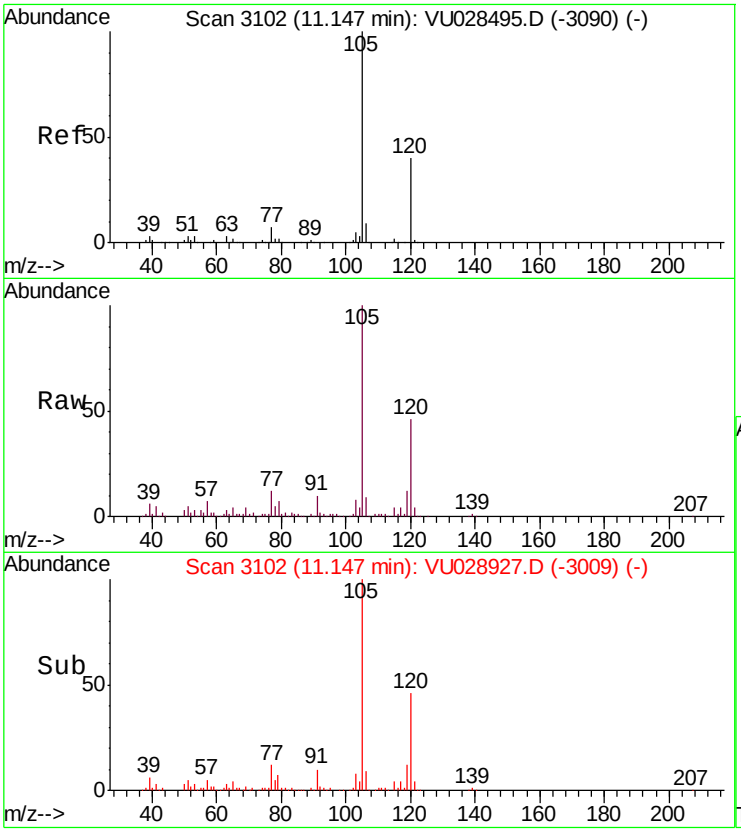


#80
1,3,5-Trimethylbenzene
Concen: 5.717 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Tgt Ion:105 Resp: 48034

Ion	Ratio	Lower	Upper
105	100		
120	48.3	23.7	71.1



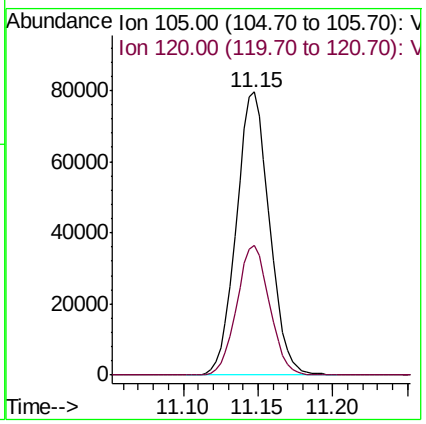


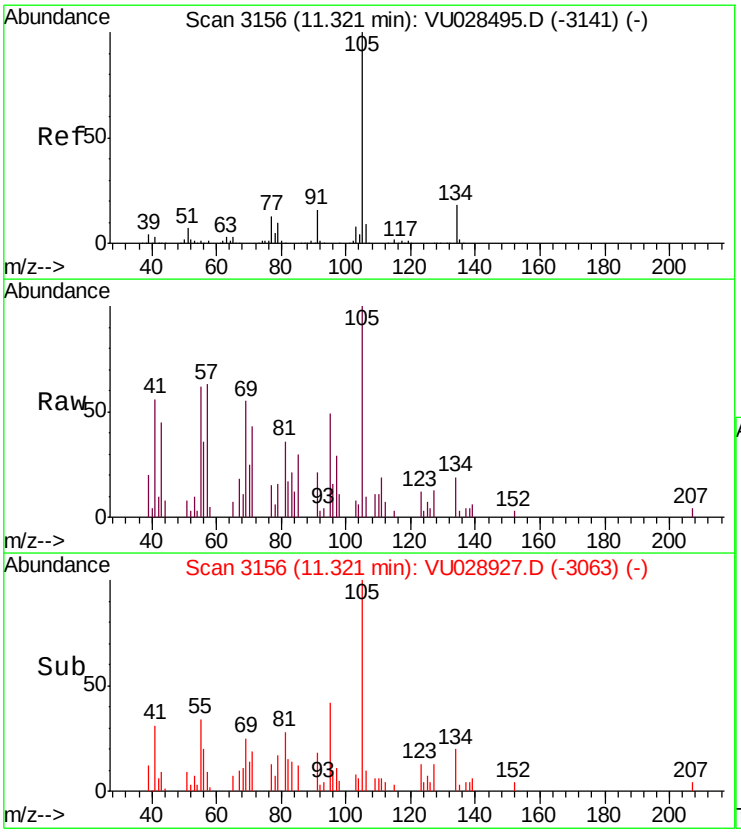
#84
1,2,4-Trimethylbenzene
Concen: 14.151 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01ME

Tgt Ion:105 Resp: 122541

Ion	Ratio	Lower	Upper
105	100		
120	45.4	21.8	65.4

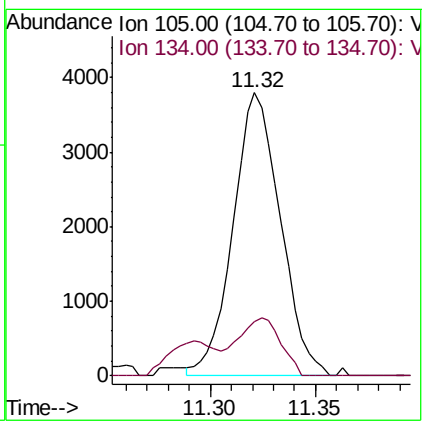


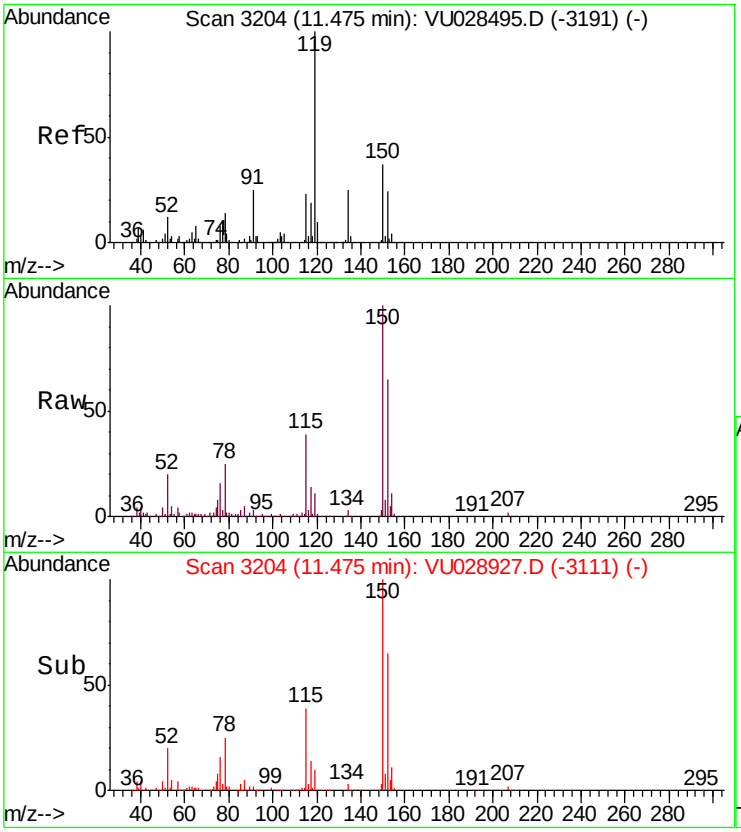


#85
sec-Butylbenzene
Concen: 0.569 ug/l
RT: 11.32 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Tgt Ion:105 Resp: 5917

Ion	Ratio	Lower	Upper
105	100		
134	18.7	9.2	27.6



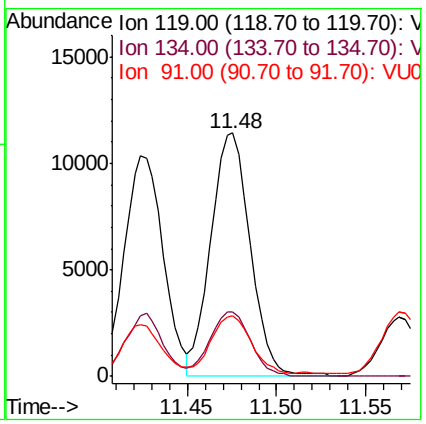


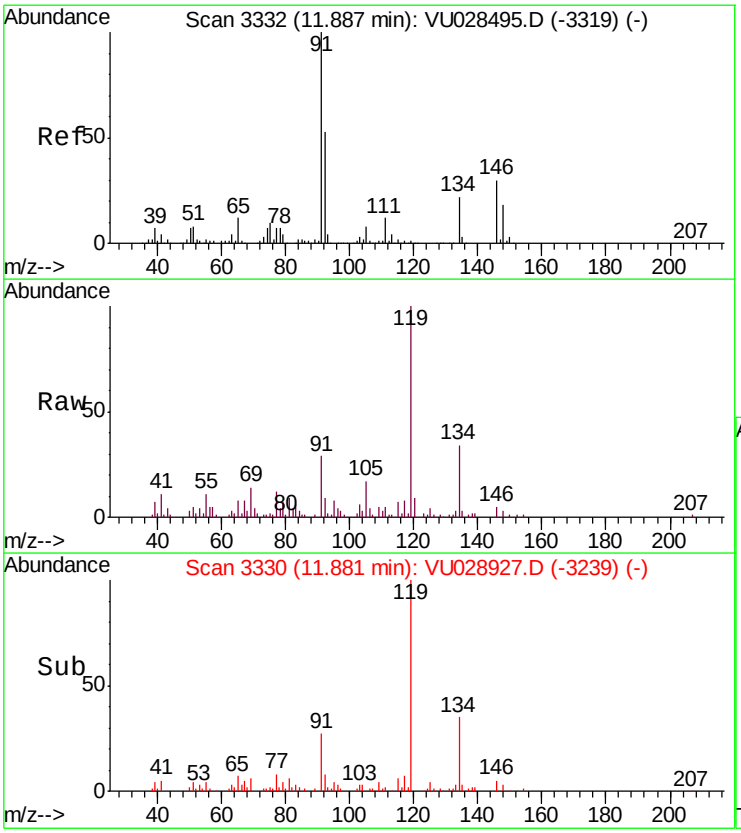
#86
p-Isopropyltoluene
Concen: 1.980 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01ME

Tgt Ion:119 Resp: 17503

Ion	Ratio	Lower	Upper
119	100		
134	27.2	12.7	38.1
91	23.5	12.6	37.6

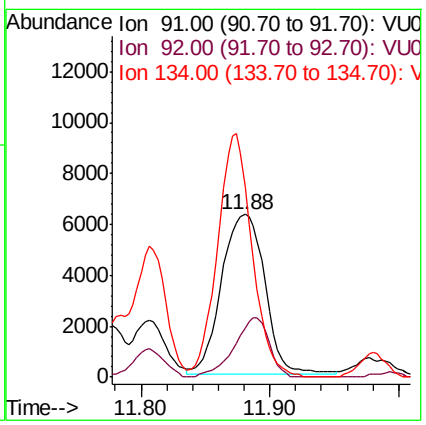


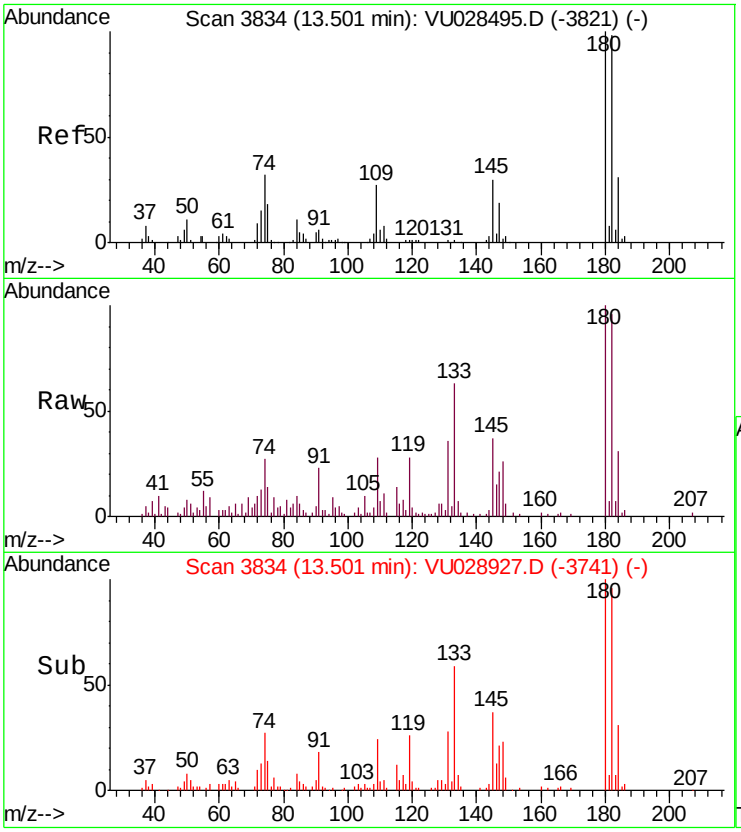


#89
n-Butylbenzene
Concen: 1.626 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. -0.01 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Tgt Ion: 91 Resp: 14540

Ion	Ratio	Lower	Upper
91	100		
92	30.2	26.3	78.9
134	122.0	11.3	33.8#



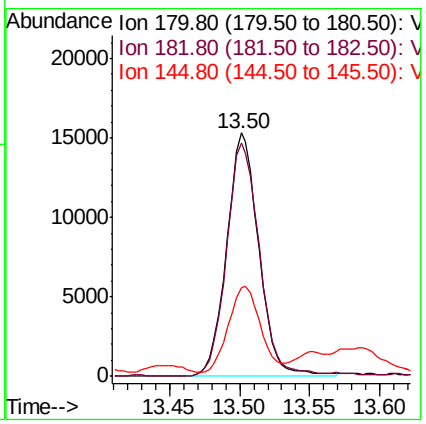


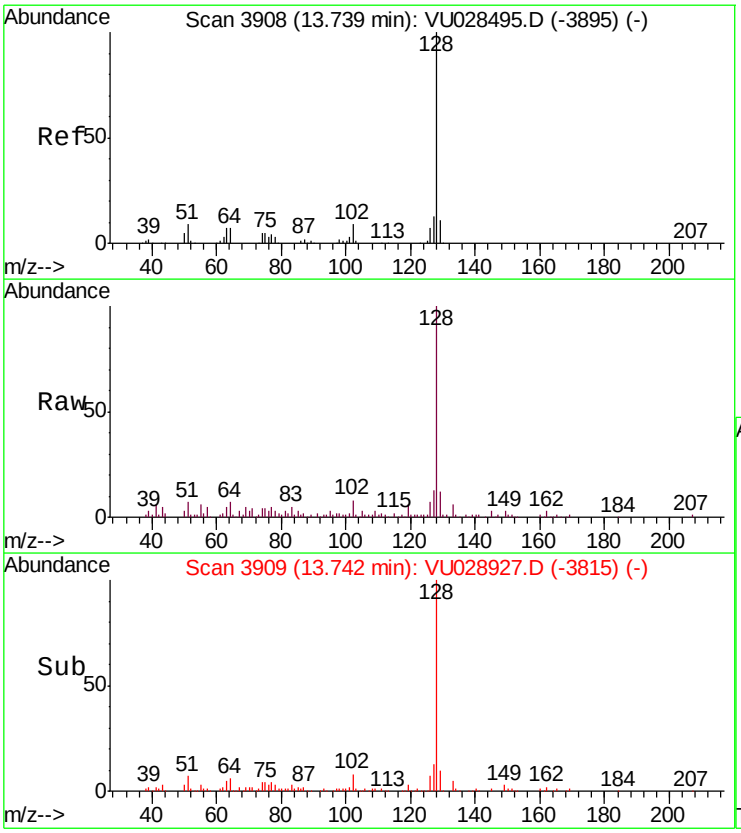
#93
1,2,4-Trichlorobenzene
Concen: 8.643 ug/l
RT: 13.50 min Scan# 3834
Delta R.T. 0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01ME

Tgt Ion:180 Resp: 24445

Ion	Ratio	Lower	Upper
180	100		
182	98.1	47.9	143.8
145	35.1	15.0	45.1

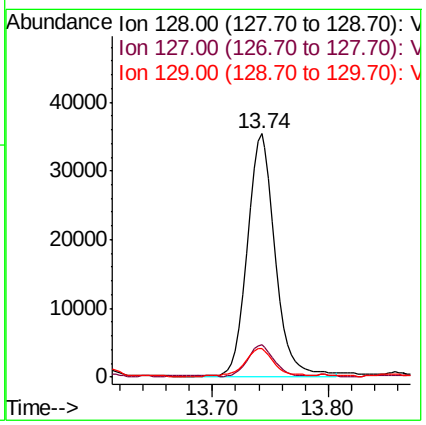


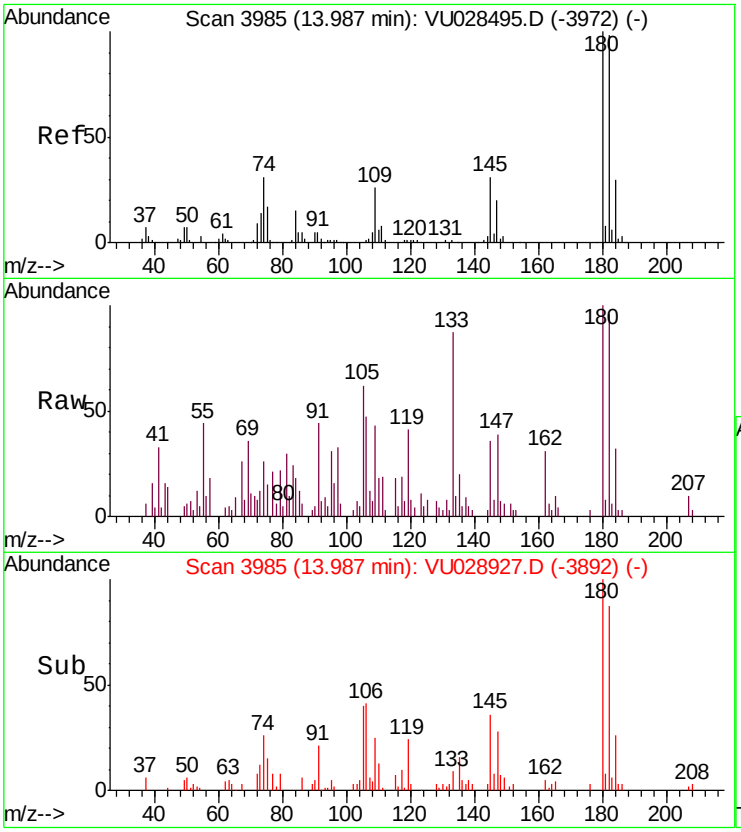


#95
Naphthalene
Concen: 5.580 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Tgt Ion:128 Resp: 60042

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	13.0	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 2.296 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028927.D
Acq: 22 Dec 2018 20:14

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013C-1824-01ME

Tgt Ion:180 Resp: 6610

Ion	Ratio	Lower	Upper
180	100		
182	97.6	48.2	144.6
145	0.0	15.8	47.3#