Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028751.D
Acq On : 18 Dec 2018 04:23
Operator : MD/SY
Sample : J6411-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EP1-MW-K-1218

Quant Time: Dec 18 08:36:04 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	87724	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.88	114	154067	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.09	117	140535	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	61188	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.31	65	70130	52.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.78%				
35) Dibromofluoromethane	4.88	113	52435	54.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.16%				
50) Toluene-d8	7.57	98	199708	52.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.14%				
62) 4-Bromofluorobenzene	10.31	95	71452	49.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.68%				
Target Compounds							Qvalue
11) Tert butyl alcohol	2.82	59	4137	13.870	ug/l	#	94
16) Acetone	2.32	43	11789	13.495	ug/l		92
17) Carbon Disulfide	2.48	76	2575	0.732	ug/l	#	89
25) 2-Butanone	4.28	43	5664	4.744	ug/l		97
39) Methylcyclohexane	6.42	83	2126	1.034	ug/l		91
40) Benzene	5.39	78	7276	1.465	ug/l		92
67) Ethyl Benzene	9.25	91	5172	0.939	ug/l		100
68) m/p-Xylenes	9.38	106	14052	7.015	ug/l		98
69) o-Xylene	9.78	106	2224	1.142	ug/l		97
73) Isopropylbenzene	10.17	105	997349	212.420	ug/l		100
78) n-propylbenzene	10.58	91	1648481	282.555	ug/l		99
83) tert-Butylbenzene	11.10	119	96026	25.634	ug/l		89
84) 1,2,4-Trimethylbenzene	11.15	105	1135209	283.421	ug/l		99
85) sec-Butylbenzene	11.32	105	439795	91.386	ug/l		100
86) p-Isopropyltoluene	11.48	119	33752	8.256	ug/l		99
89) n-Butylbenzene	11.89	91	198674	48.020	ug/l	#	79

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

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EP1-MW-K-1218

Quant Time: Dec 18 08:36:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
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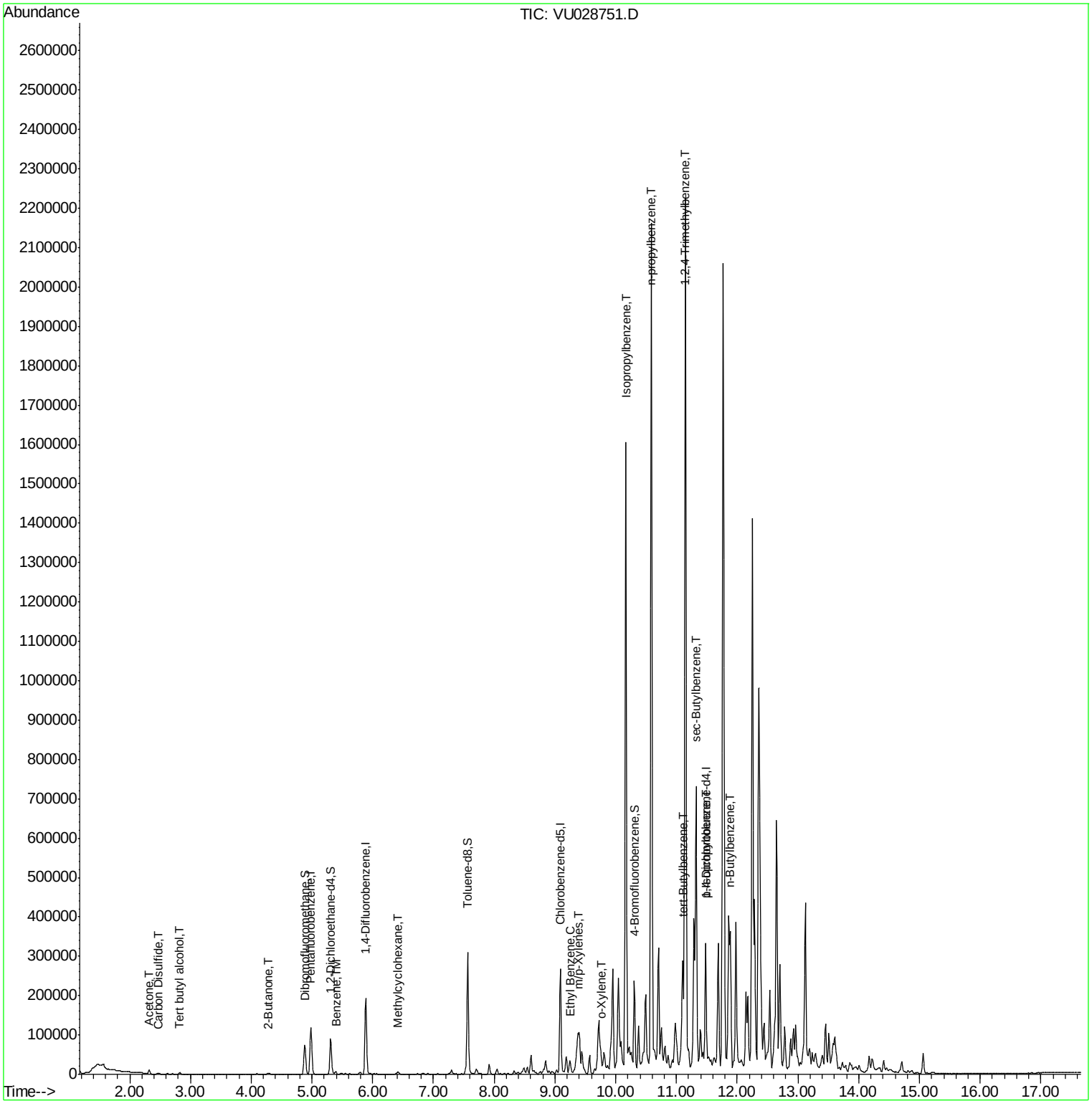
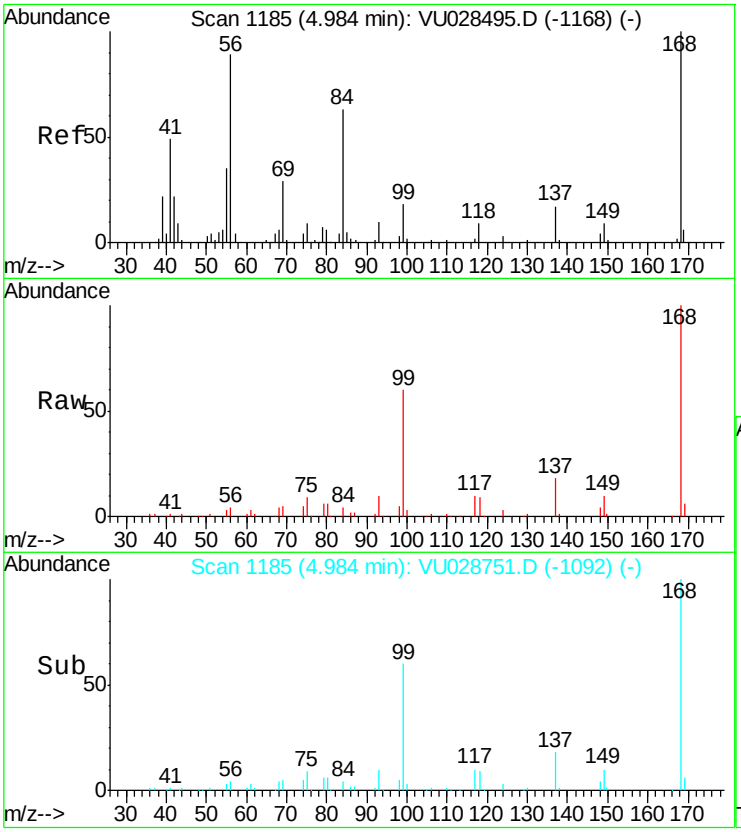
Response via : Initial Calibration



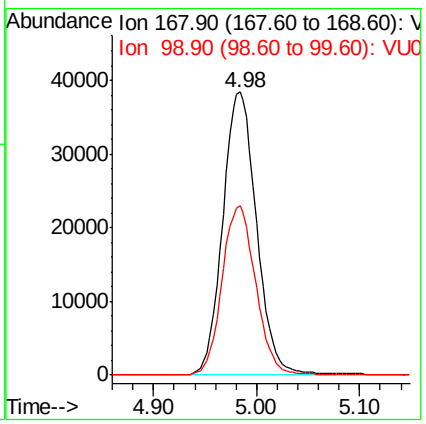


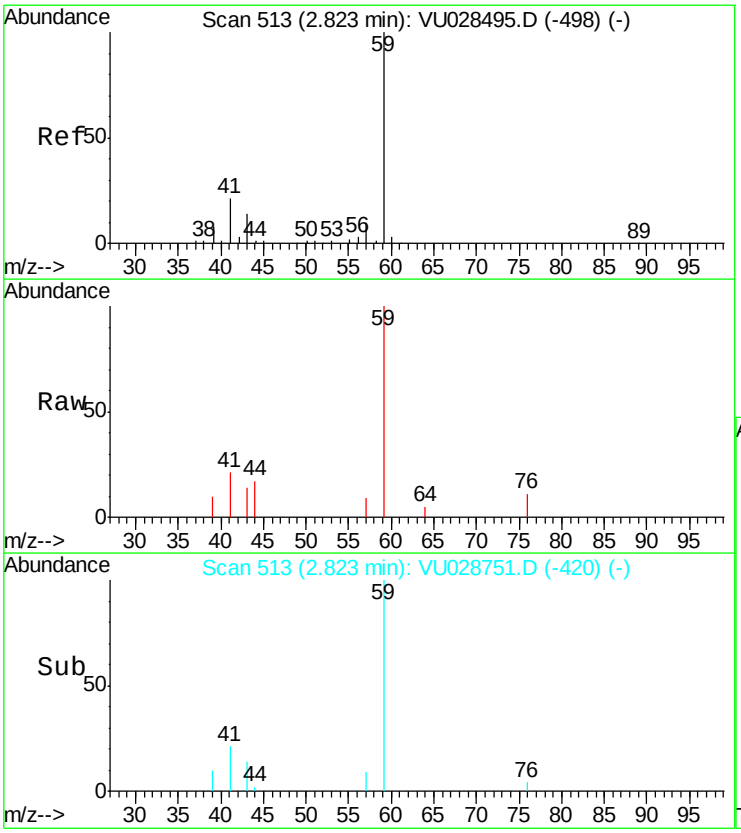
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218

Tgt Ion:168 Resp: 87724

Ion	Ratio	Lower	Upper
168	100		
99	59.9	46.6	69.8

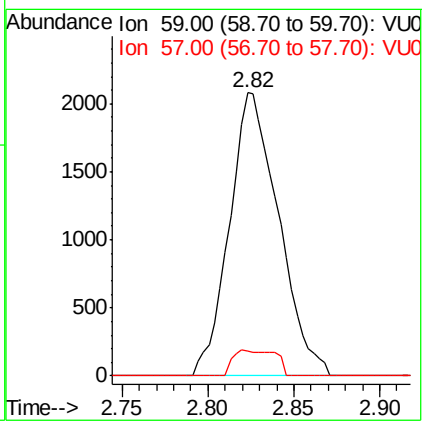


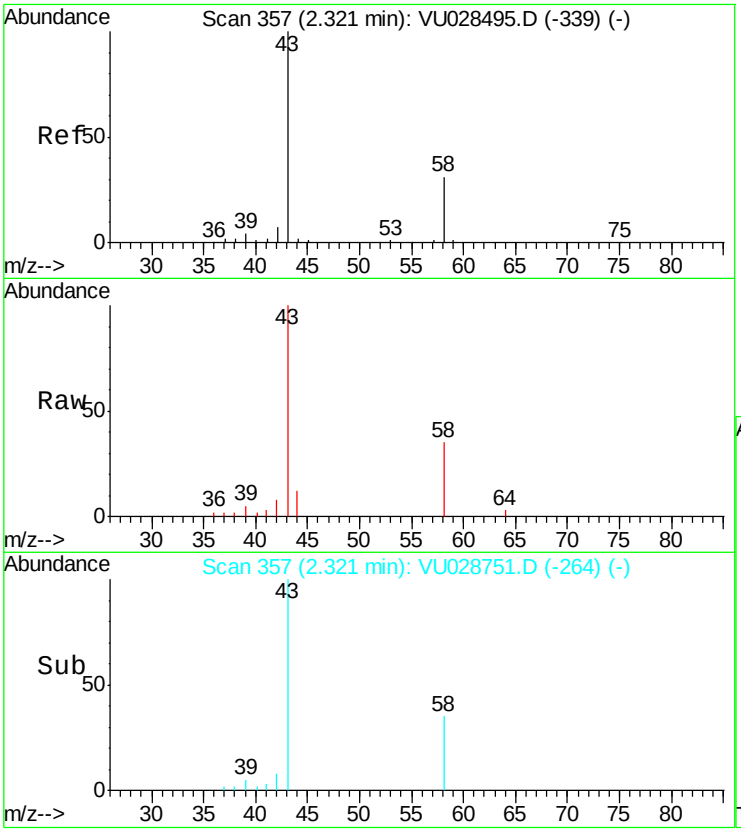


#11
Tert butyl alcohol
Concen: 13.870 ug/l
RT: 2.82 min Scan# 513
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion: 59 Resp: 4137

Ion	Ratio	Lower	Upper
59	100		
57	7.9	8.0	12.0#



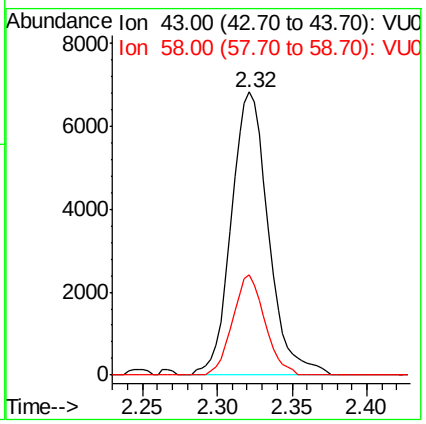


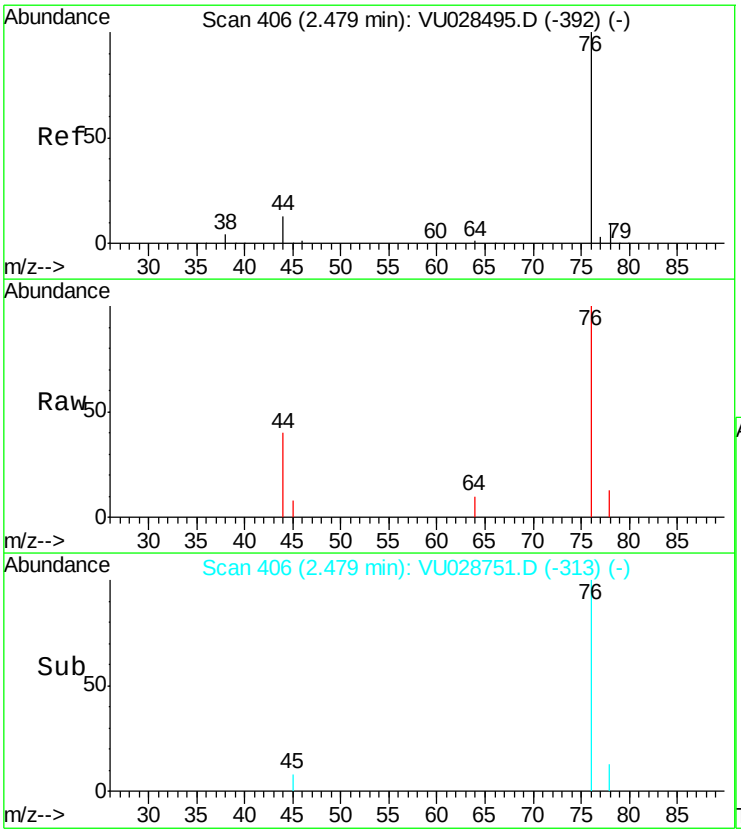
#16
Acetone
Concen: 13.495 ug/l
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218

Tgt Ion: 43 Resp: 11789

Ion	Ratio	Lower	Upper
43	100		
58	35.3	24.6	37.0

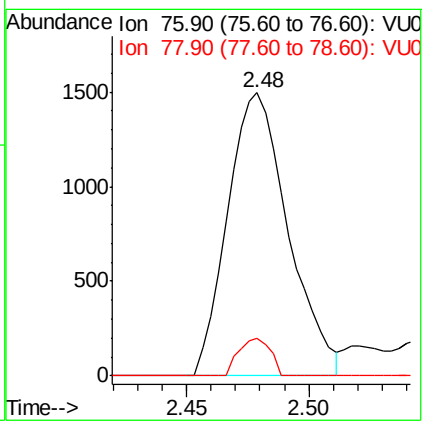


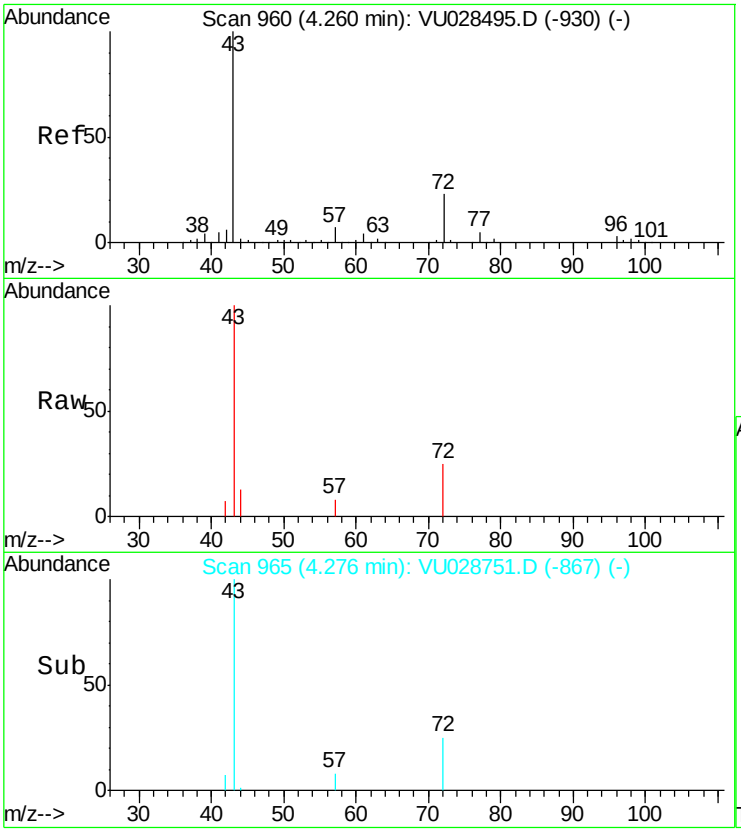


#17
Carbon Disulfide
Concen: 0.732 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion: 76 Resp: 2575

Ion	Ratio	Lower	Upper
76	100		
78	13.1	7.2	10.8#



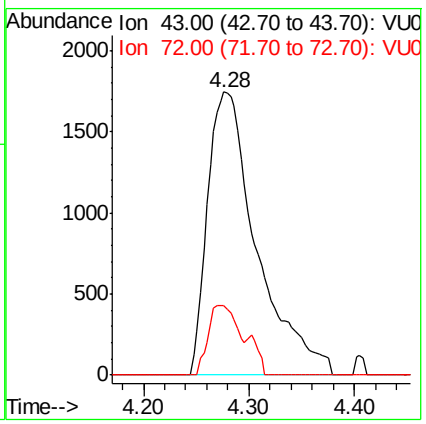


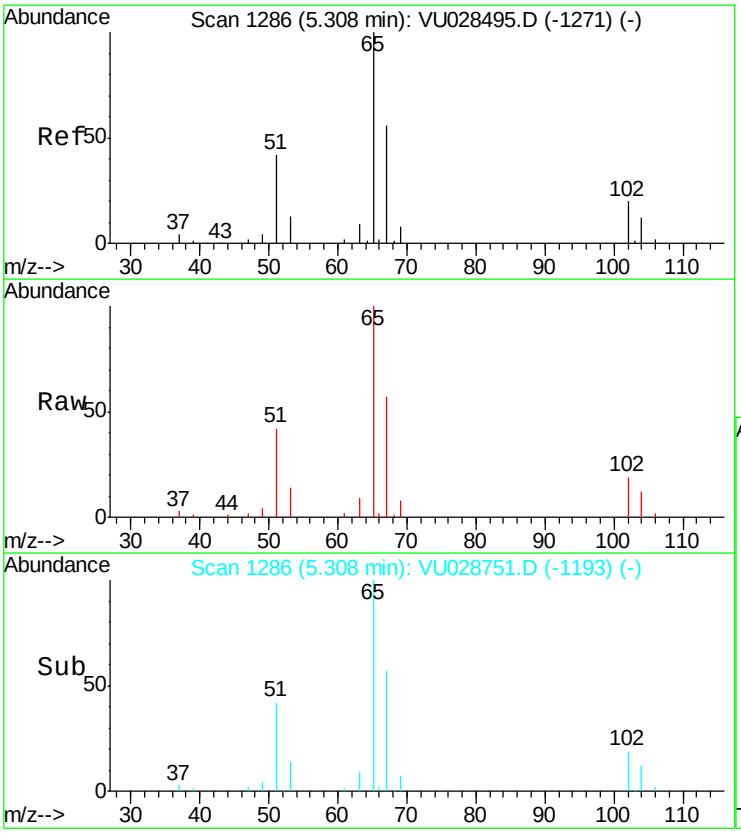
#25
2-Butanone
Concen: 4.744 ug/l
RT: 4.28 min Scan# 965
Delta R.T. 0.02 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218

Tgt Ion: 43 Resp: 5664

Ion	Ratio	Lower	Upper
43	100		
72	24.7	18.6	28.0

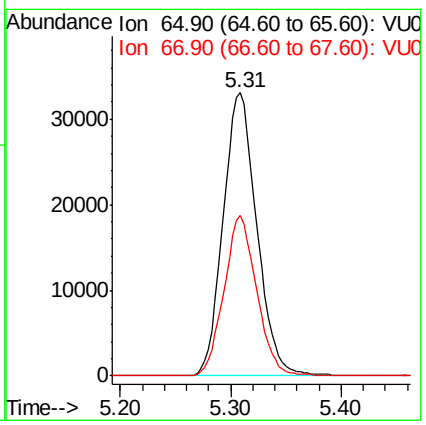


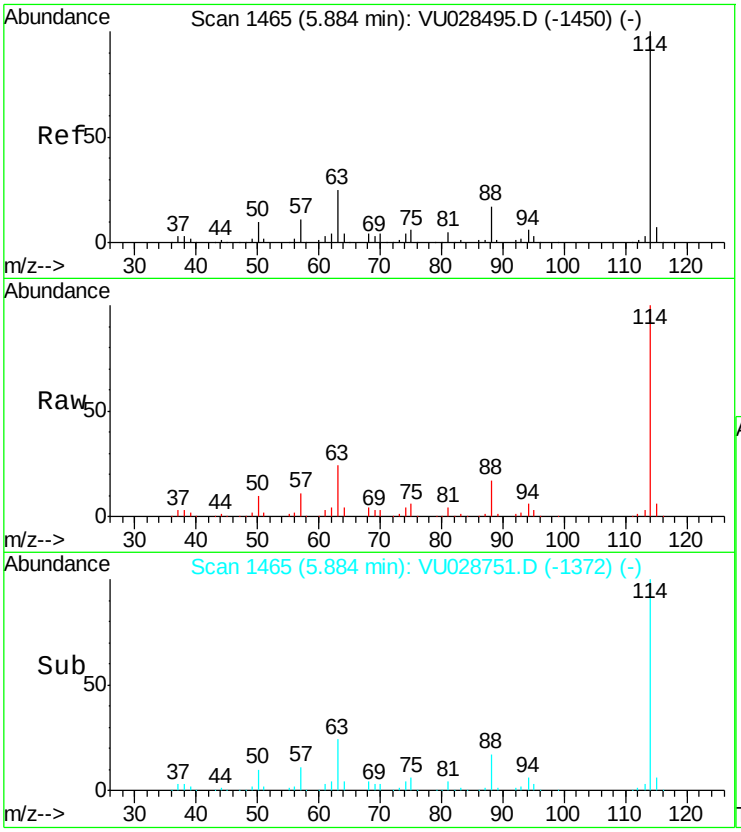


#33
1,2-Dichloroethane-d4
Concen: 52.386 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion: 65 Resp: 70130

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	110.6



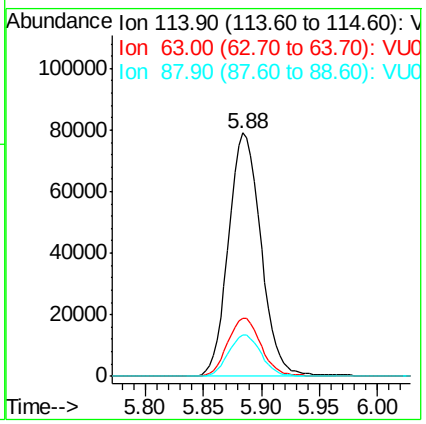


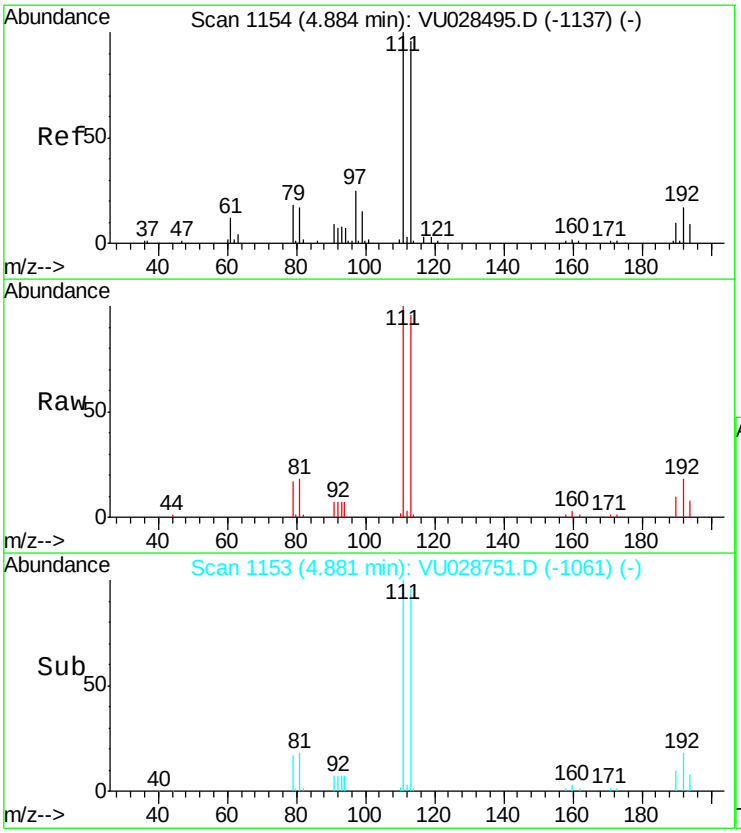
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218

Tgt Ion:114 Resp: 154067

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	49.2
88	17.1	0.0	33.4

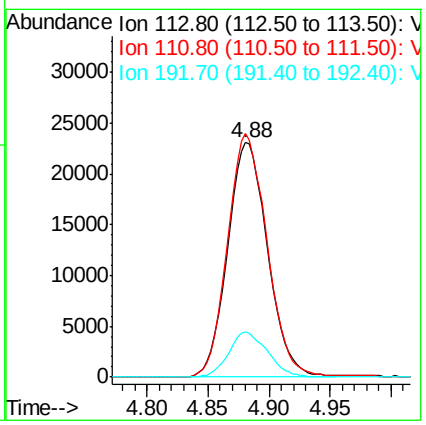


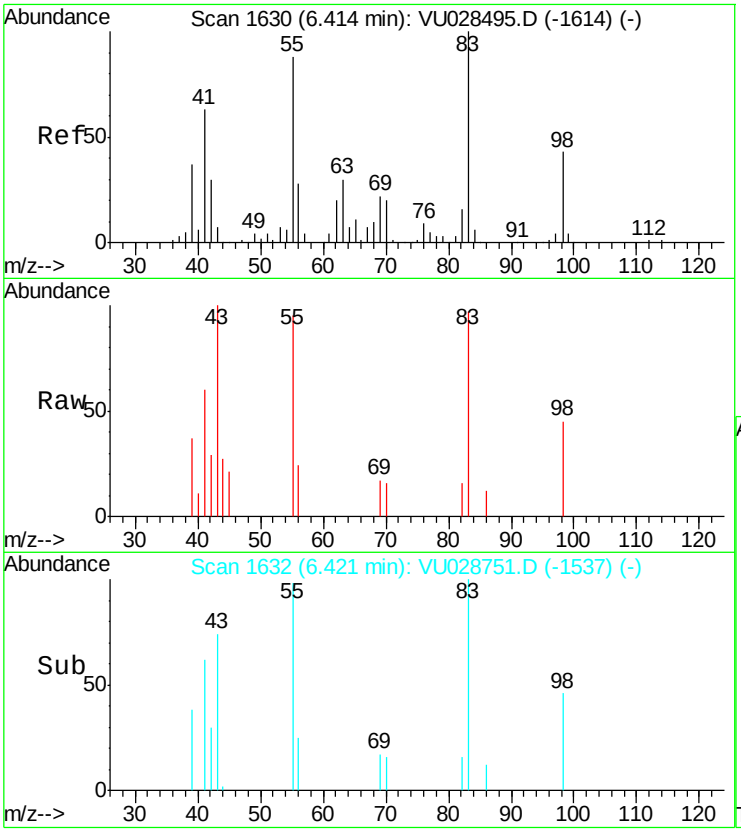


#35
Dibromofluoromethane
Concen: 54.082 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion:113 Resp: 52435

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.4	125.0
192	18.5	14.8	22.2



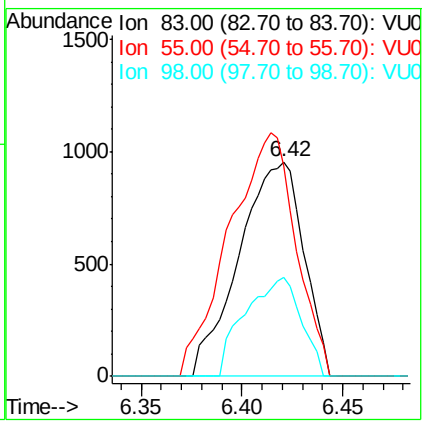


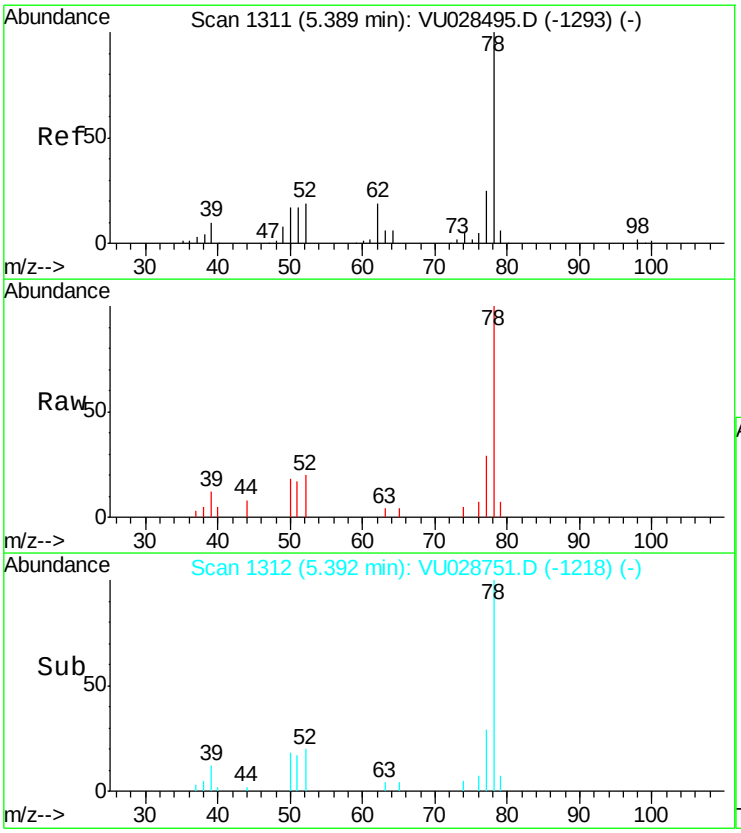
#39
Methylcyclohexane
Concen: 1.034 ug/l
RT: 6.42 min Scan# 1632
Delta R.T. 0.01 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218

Tgt Ion: 83 Resp: 2126

Ion	Ratio	Lower	Upper
83	100		
55	98.0	70.2	105.2
98	45.9	34.2	51.4

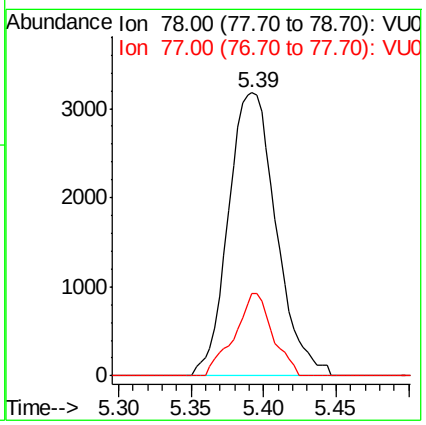


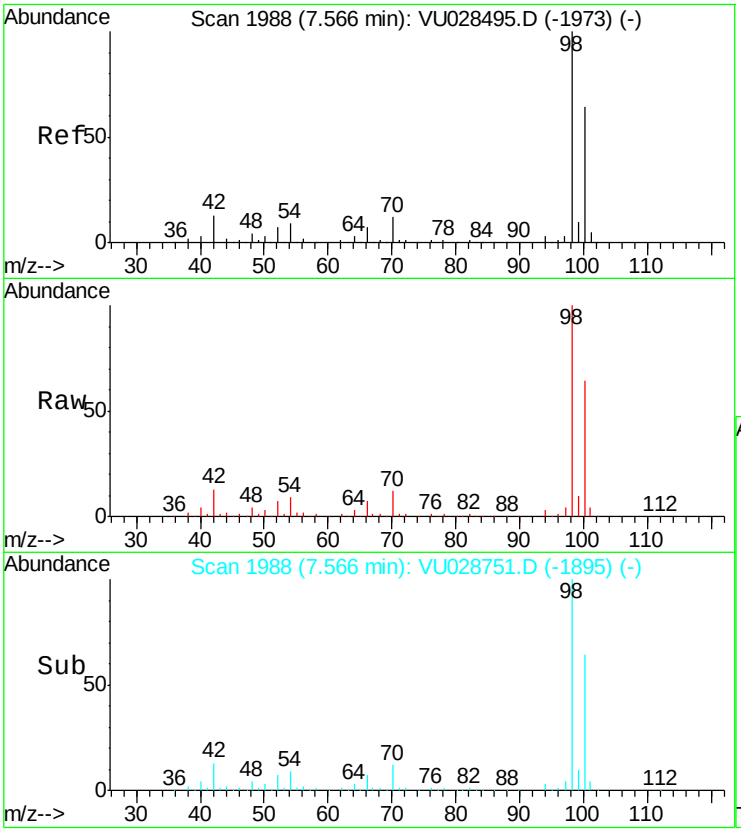


#40
Benzene
Concen: 1.465 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion: 78 Resp: 7276

Ion	Ratio	Lower	Upper
78	100		
77	29.0	19.9	29.9



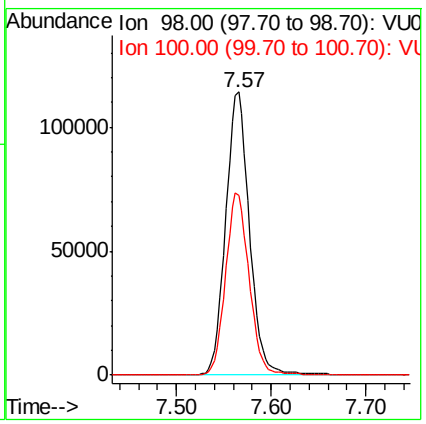


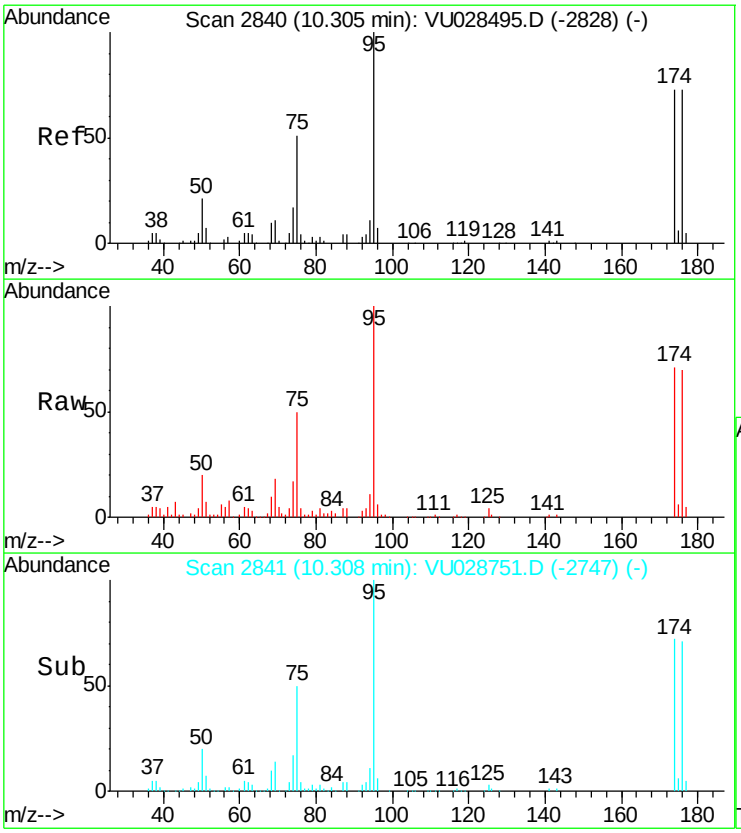
#50
Toluene-d8
Concen: 52.070 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218

Tgt Ion: 98 Resp: 199708

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.0	76.6

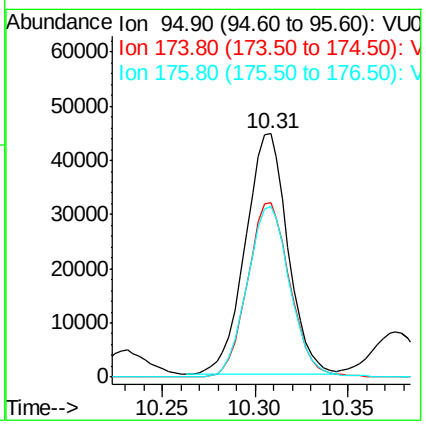


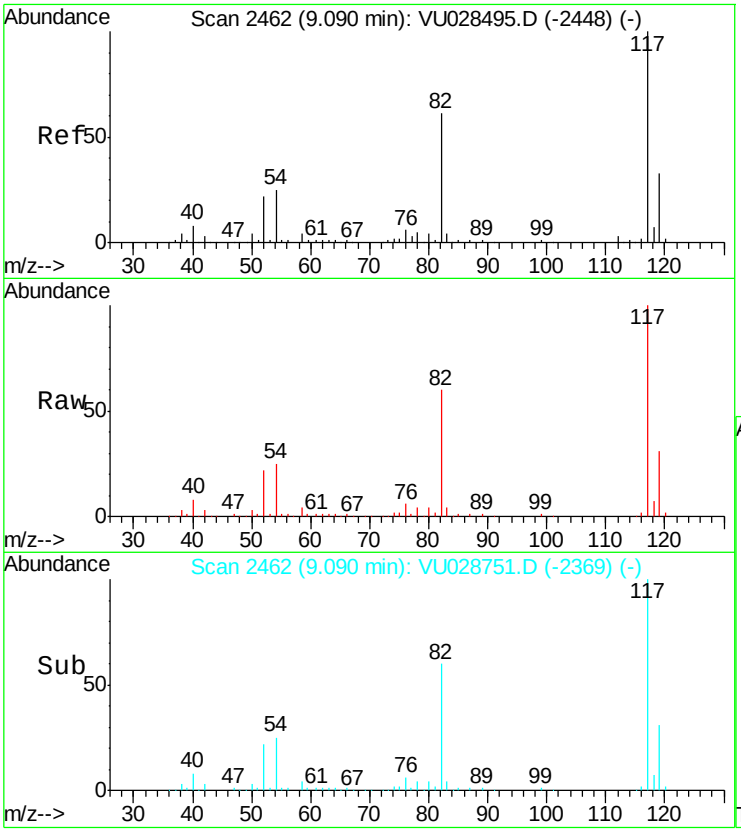


#62
4-Bromofluorobenzene
Concen: 49.843 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion: 95 Resp: 71452

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	150.4
176	71.3	0.0	145.2



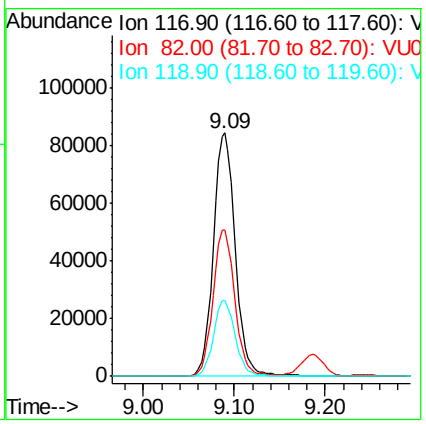


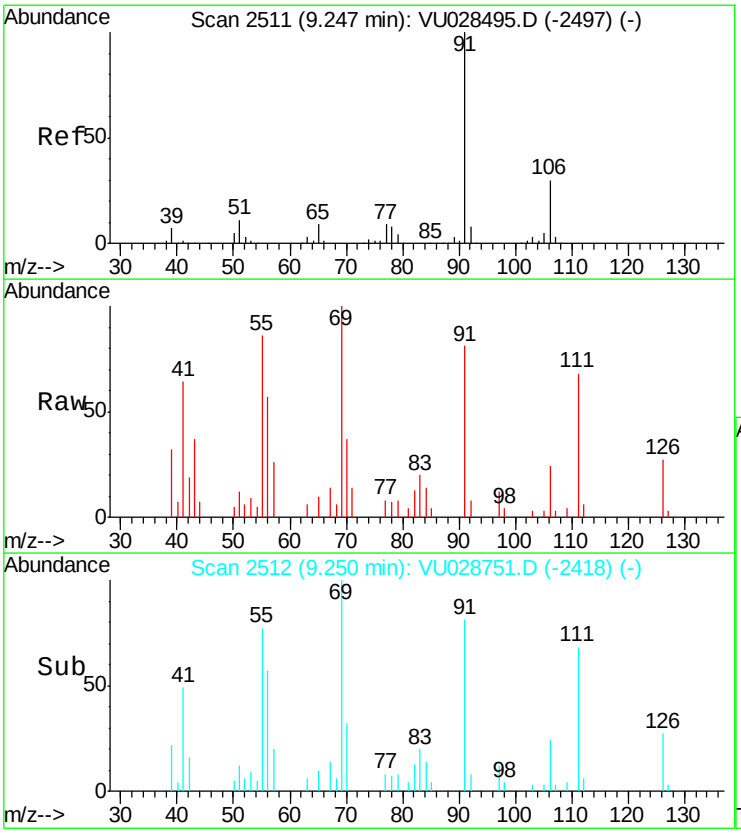
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument : MSVOA_U
ClientSampleId : EP1-MW-K-1218

Tgt Ion:117 Resp: 140535

Ion	Ratio	Lower	Upper
117	100		
82	60.1	48.9	73.3
119	31.4	26.2	39.4

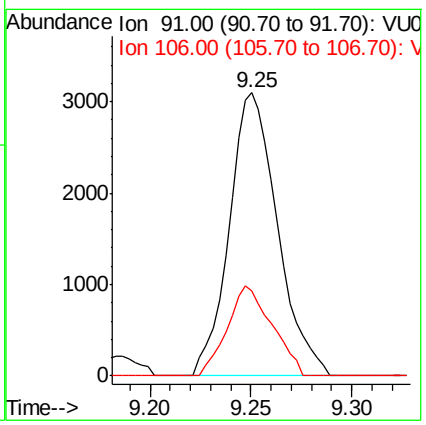


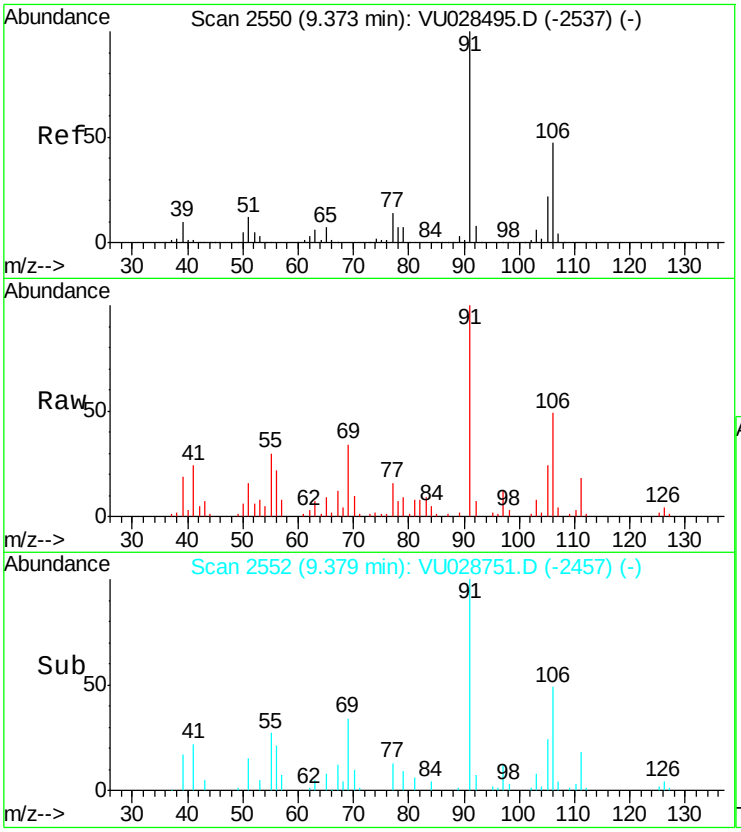


#67
Ethyl Benzene
Concen: 0.939 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion: 91 Resp: 5172

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.1	36.1



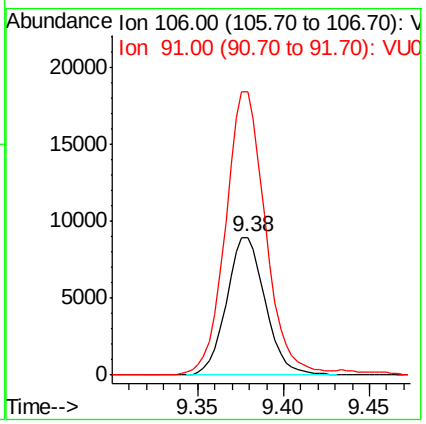


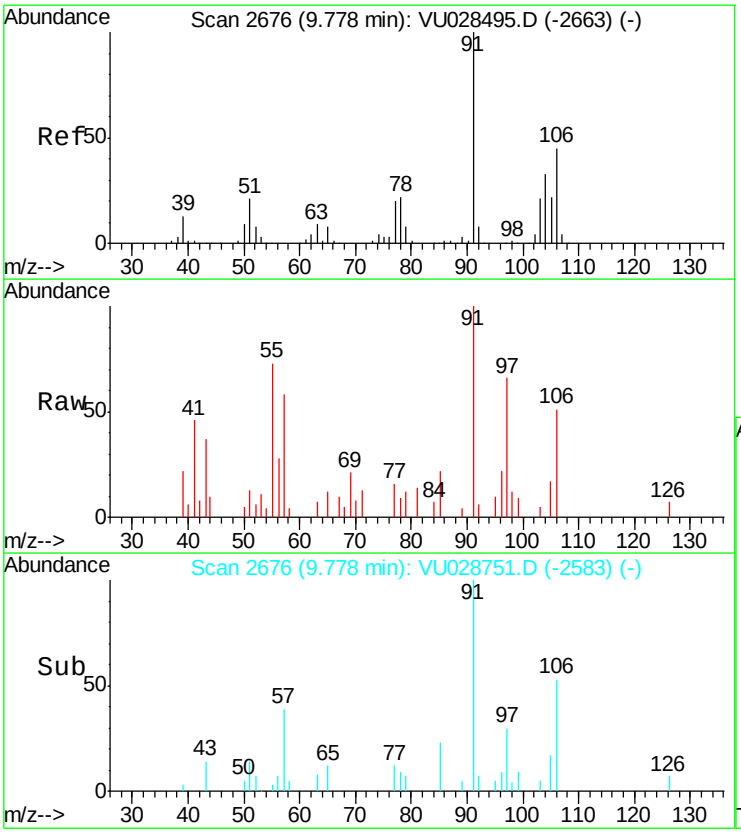
#68
m/p-Xylenes
Concen: 7.015 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.01 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218

Tgt Ion:106 Resp: 14052

Ion	Ratio	Lower	Upper
106	100		
91	212.4	167.4	251.0

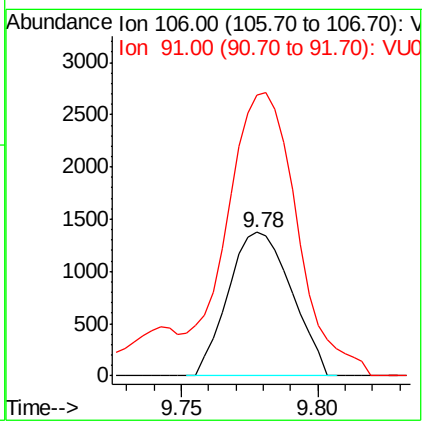


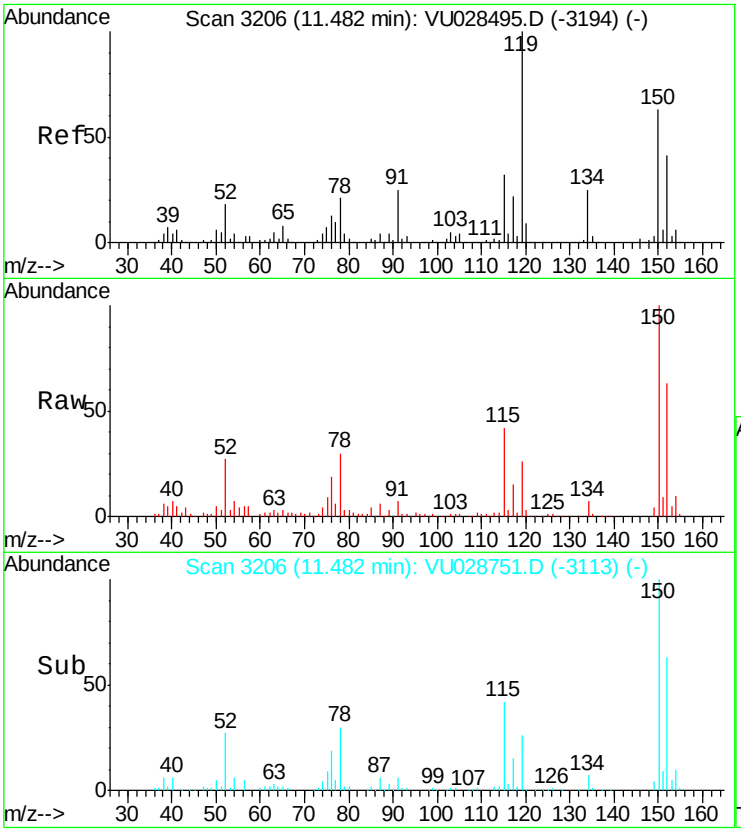


#69
o-Xylene
Concen: 1.142 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion:106 Resp: 2224

Ion	Ratio	Lower	Upper
106	100		
91	218.1	111.3	334.0



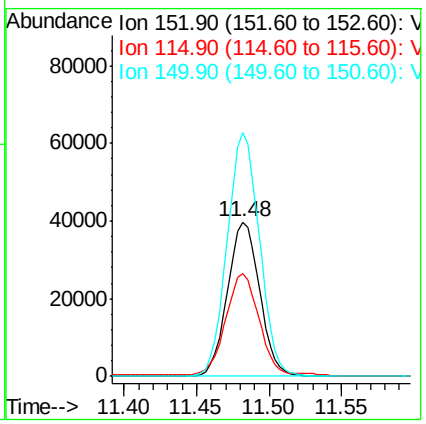


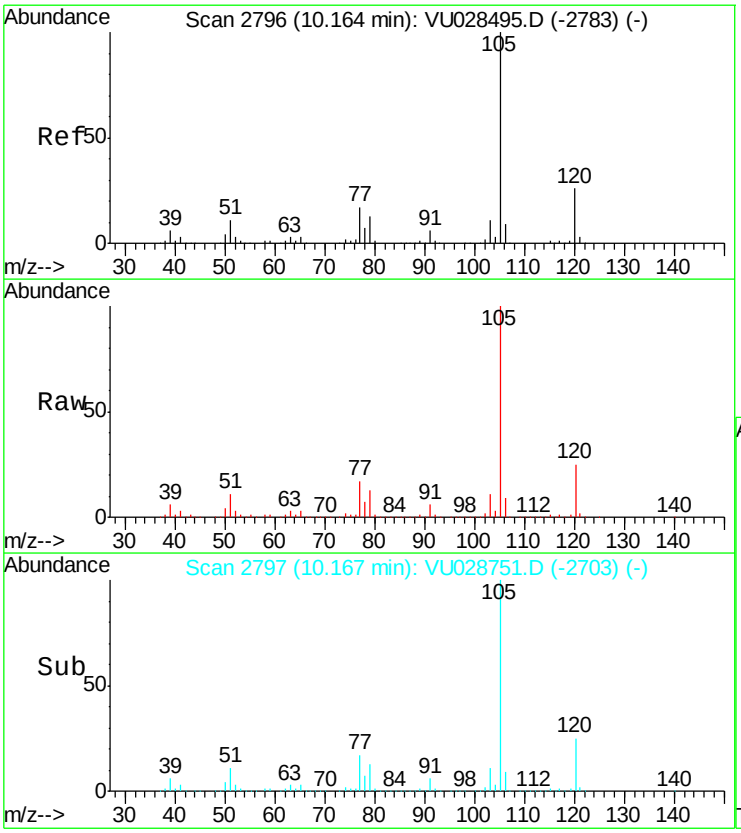
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218

Tgt Ion:152 Resp: 61188

Ion	Ratio	Lower	Upper
152	100		
115	67.4	42.7	128.1
150	158.3	0.0	346.0

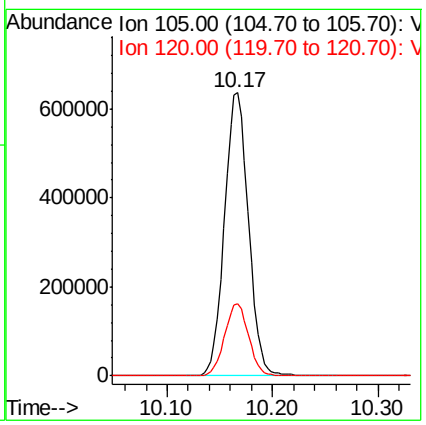


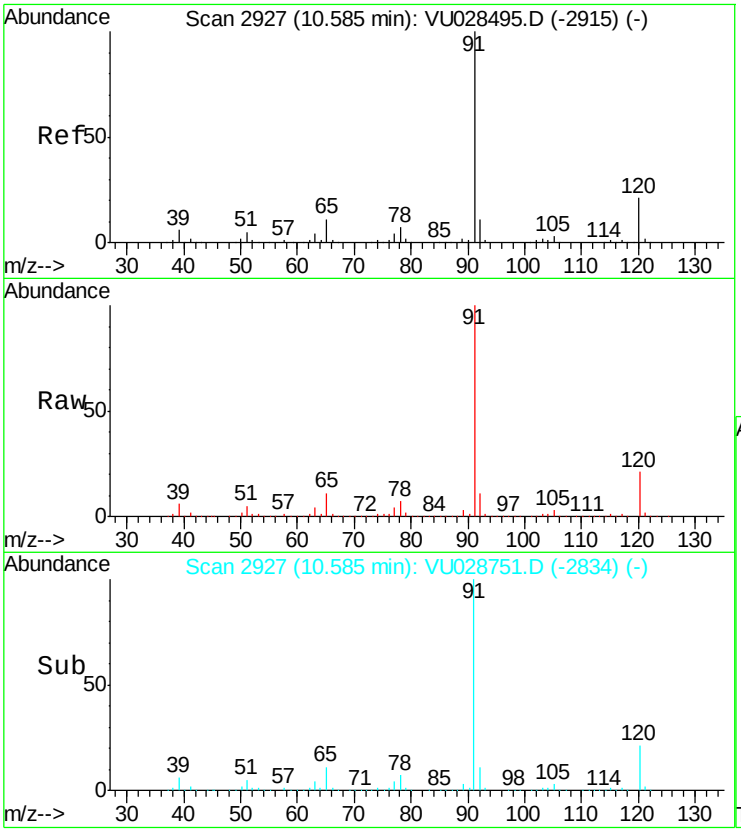


#73
Isopropylbenzene
Concen: 212.420 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion:105 Resp: 997349

Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.9	38.6



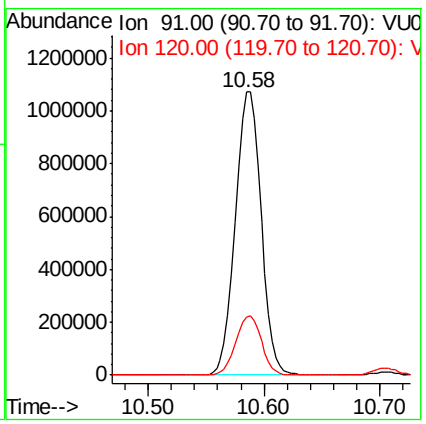


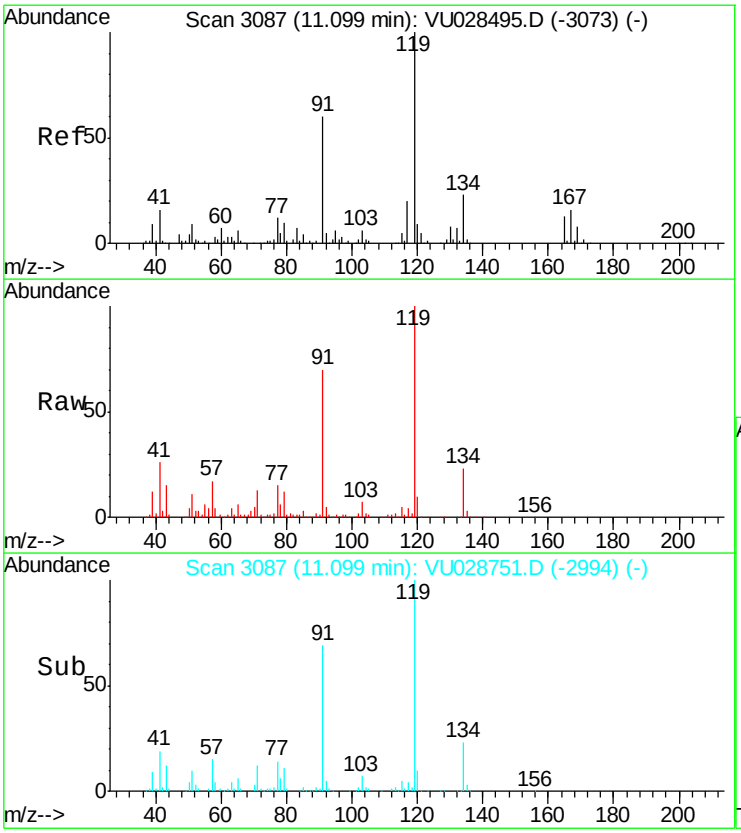
#78
n-propylbenzene
Concen: 282.555 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218

Tgt Ion: 91 Resp: 1648481

Ion	Ratio	Lower	Upper
91	100		
120	20.8	10.6	31.8

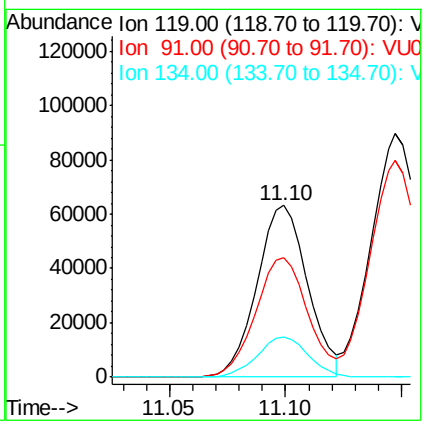


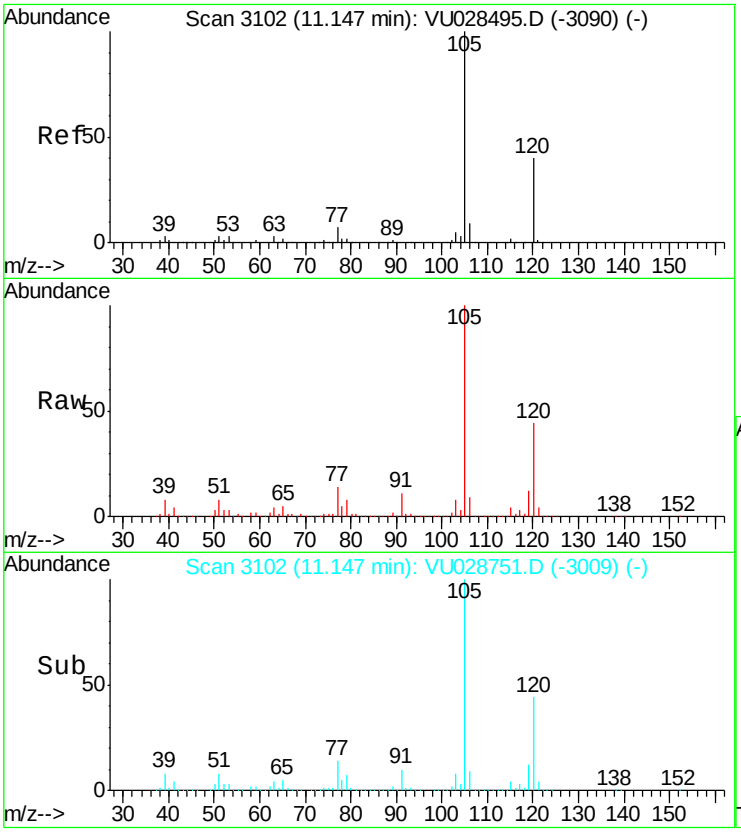


#83
tert-Butylbenzene
Concen: 25.634 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion:119 Resp: 96026

Ion	Ratio	Lower	Upper
119	100		
91	71.0	30.3	91.0
134	23.7	11.2	33.5



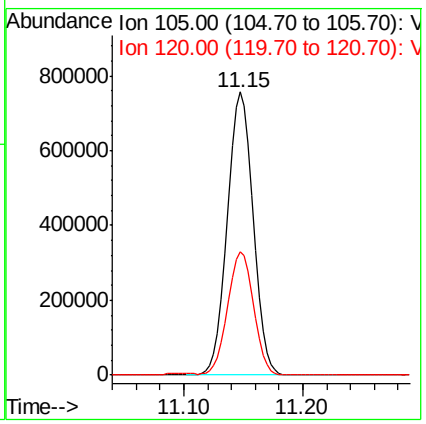


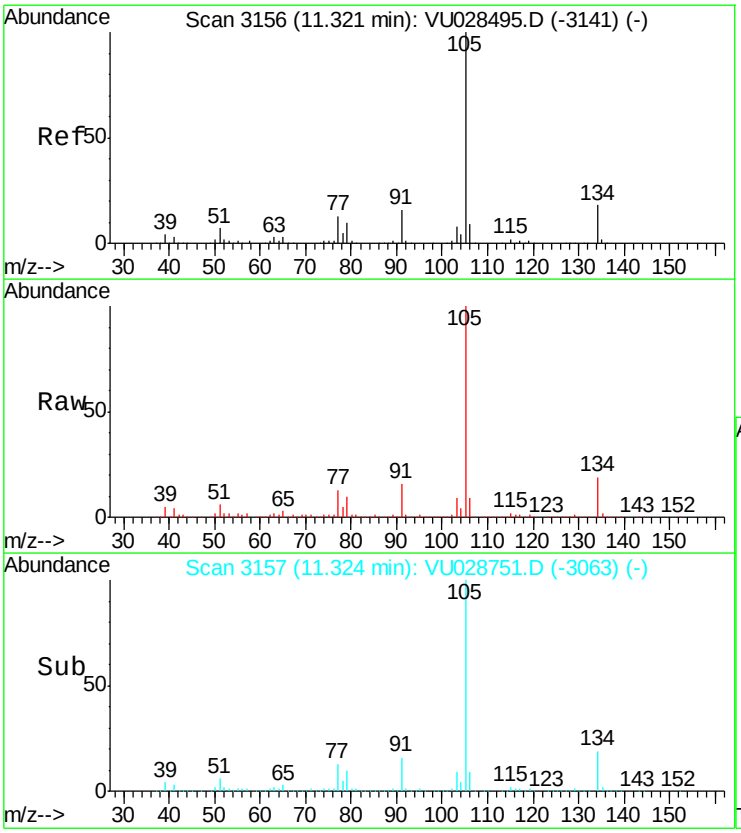
#84
1,2,4-Trimethylbenzene
Concen: 283.421 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218

Tgt Ion:105 Resp: 1135209

Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.8	65.4

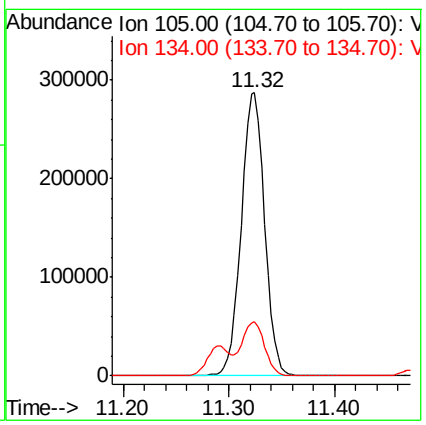


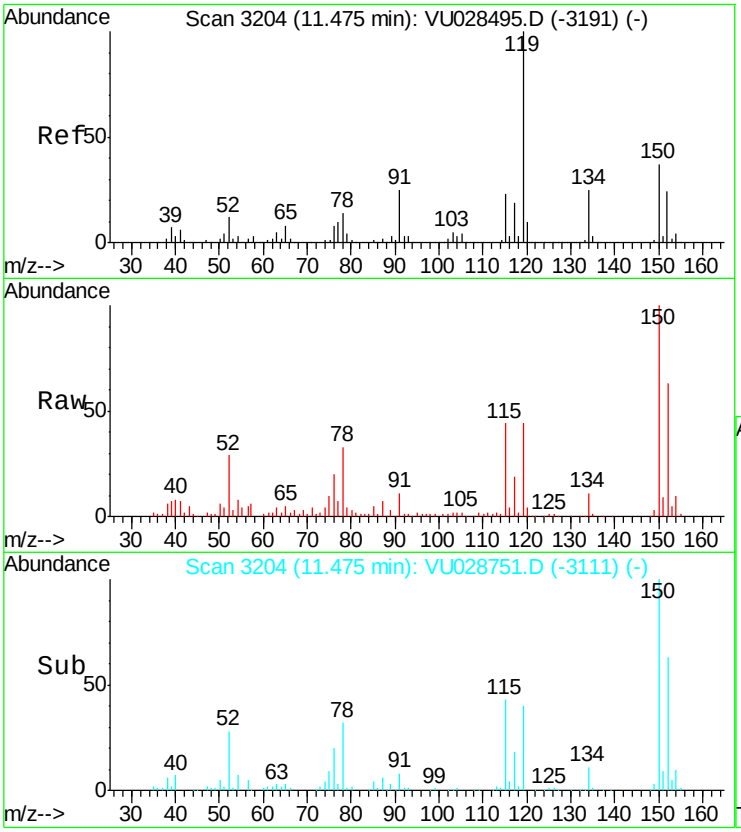


#85
sec-Butylbenzene
Concen: 91.386 ug/l
RT: 11.32 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion:105 Resp: 439795

Ion	Ratio	Lower	Upper
105	100		
134	18.5	9.2	27.6



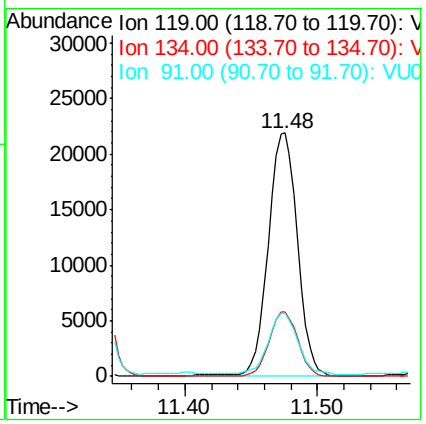


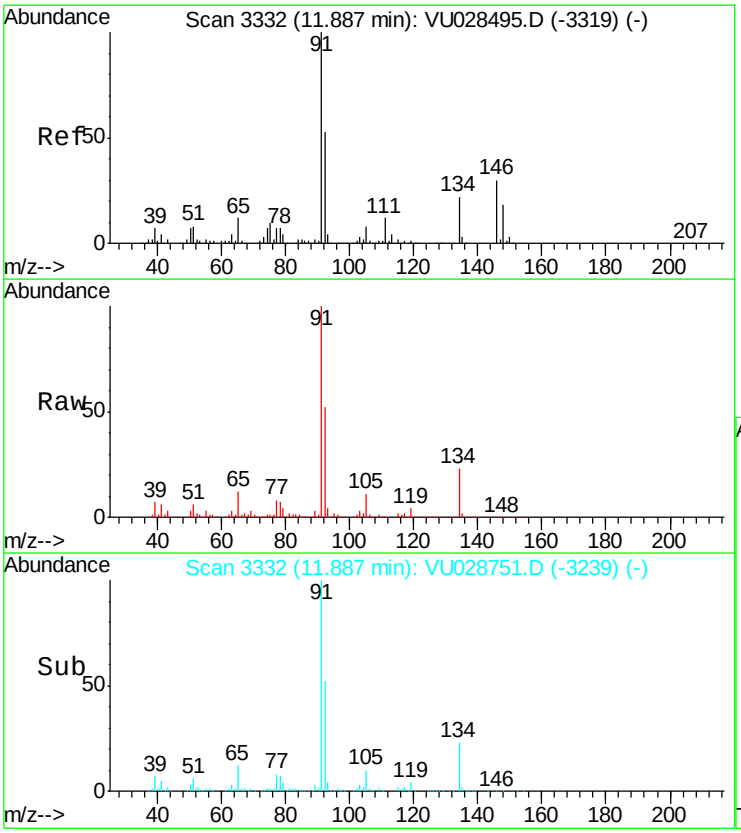
#86
p-Isopropyltoluene
Concen: 8.256 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218

Tgt Ion:119 Resp: 33752

Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.7	38.1
91	25.7	12.6	37.6





#89
n-Butylbenzene
Concen: 48.020 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion: 91 Resp: 198674

Ion	Ratio	Lower	Upper
91	100		
92	46.0	26.3	78.9
134	0.0	11.3	33.8#