Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
Data File : VU028705.D
Acq On : 15 Dec 2018 00:06
Operator : MD/SY
Sample : J6395-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-2B_R1

Quant Time: Dec 15 02:47:56 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	73896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	132866	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	123125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	51274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	63506	56.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.62%			
35) Dibromofluoromethane	4.88	113	46266	55.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.66%			
50) Toluene-d8	7.57	98	174434	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.48%			
62) 4-Bromofluorobenzene	10.31	95	58554	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.72%			
Target Compounds						Qvalue
39) Methylcyclohexane	6.41	83	3004	1.694	ug/l #	94
40) Benzene	5.40	78	1558	0.364	ug/l #	82
67) Ethyl Benzene	9.25	91	2862	0.593	ug/l	92
73) Isopropylbenzene	10.17	105	30057	7.639	ug/l	100
78) n-propylbenzene	10.58	91	74545	15.248	ug/l	98
83) tert-Butylbenzene	11.10	119	9083	2.893	ug/l	85
85) sec-Butylbenzene	11.32	105	38237	9.482	ug/l	96
89) n-Butylbenzene	11.89	91	16618	4.793	ug/l #	75

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

Quantitation Report (QT/LSC Reviewed)

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Data File : VU028705.D
Acq On : 15 Dec 2018 00:06
Operator : MD/SY
Sample : J6395-07
Misc : 5.0mL/MSVOA_U/WATER
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Instrument :
MSVOA_U
ClientSampleId :
MW-2B_R1

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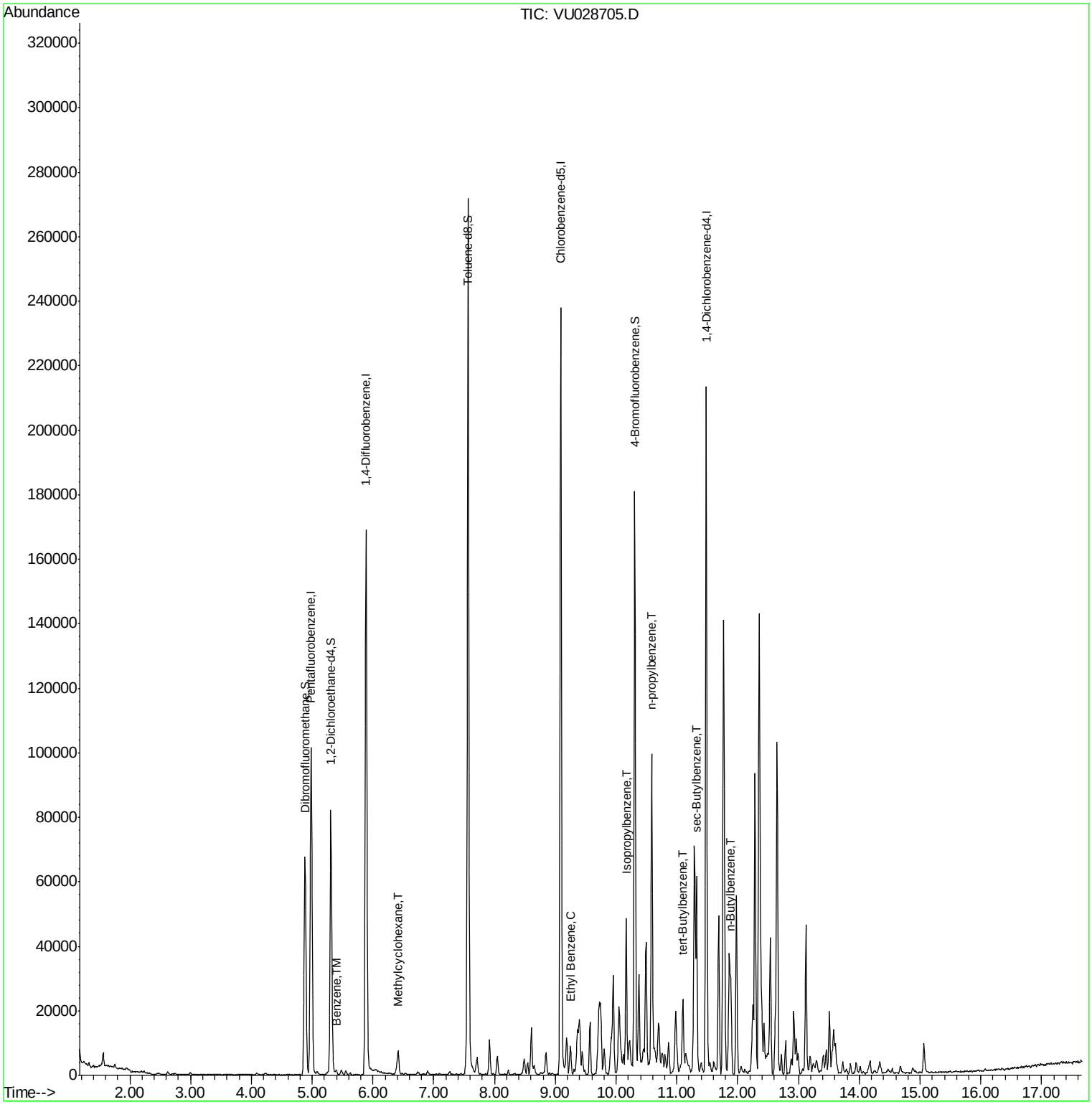
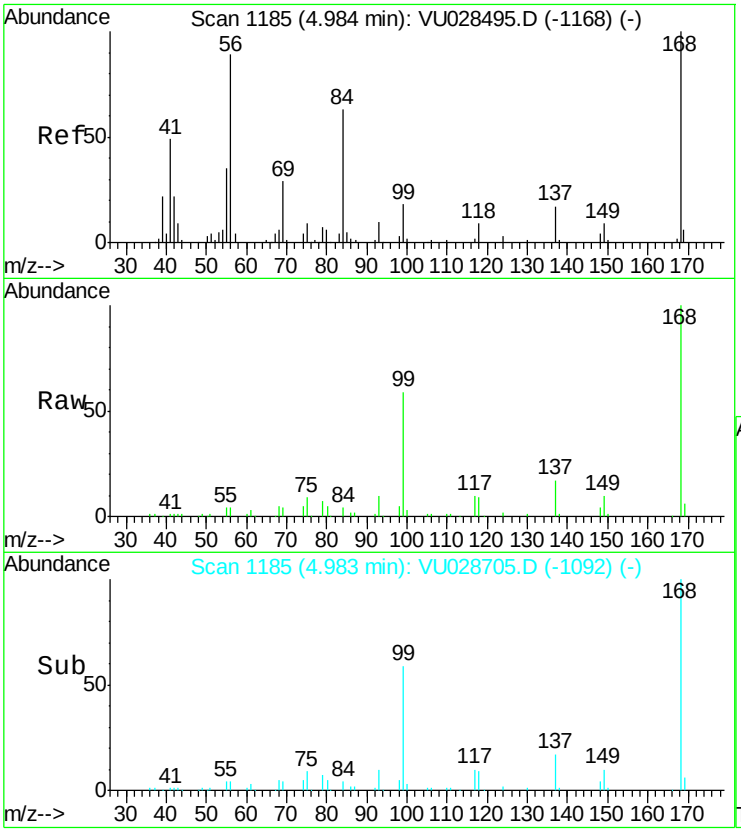


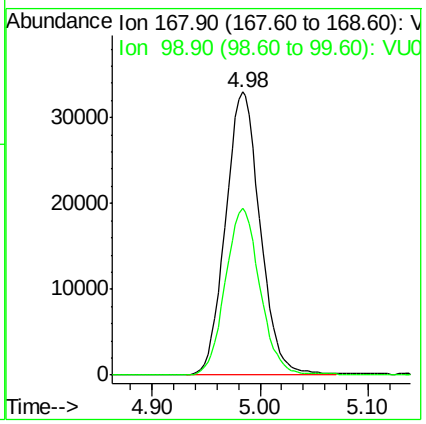


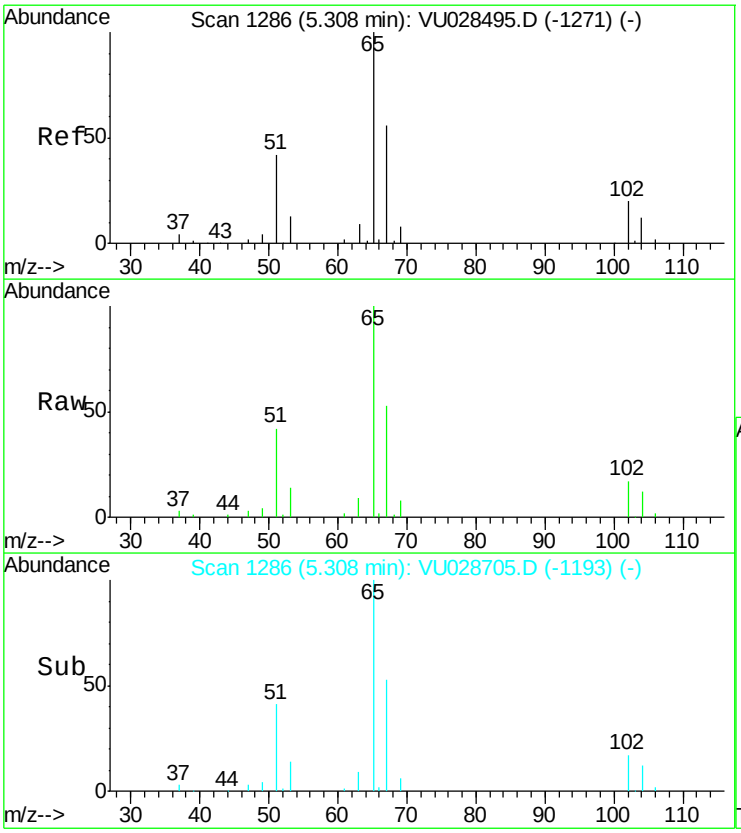
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Instrument : MSVOA_U
ClientSampleId : MW-2B_R1

Tgt Ion:168 Resp: 73896

Ion	Ratio	Lower	Upper
168	100		
99	58.9	46.6	69.8

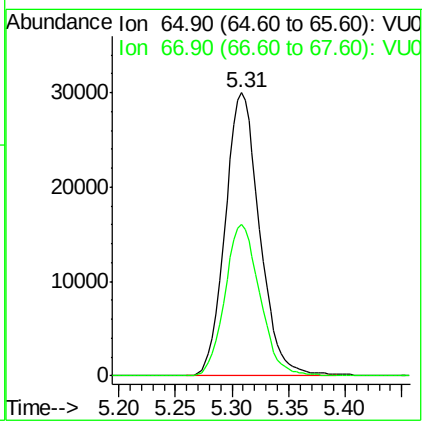


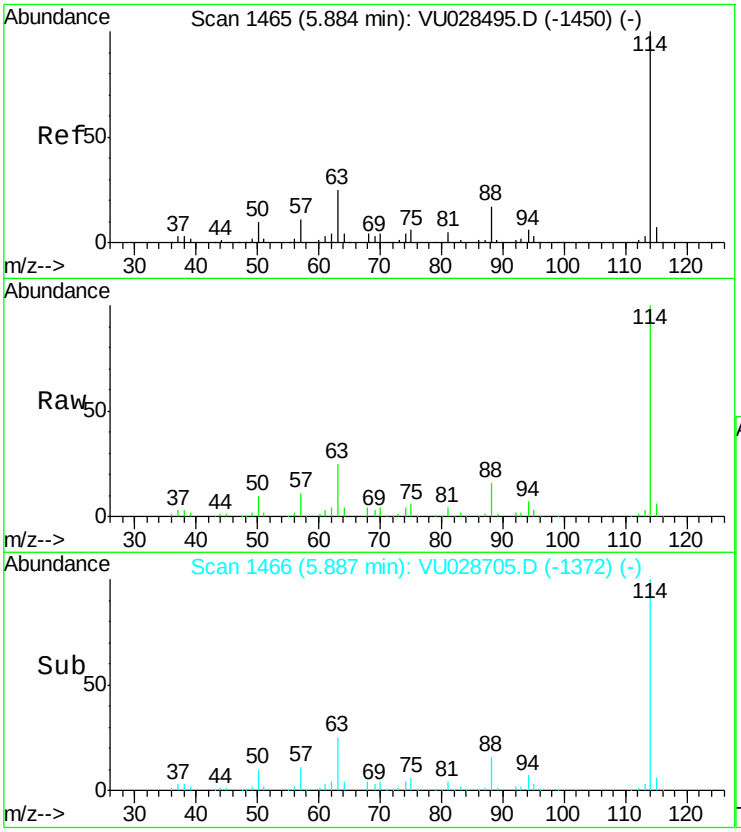


#33
1,2-Dichloroethane-d4
Concen: 56.315 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Tgt Ion: 65 Resp: 63506

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	110.6



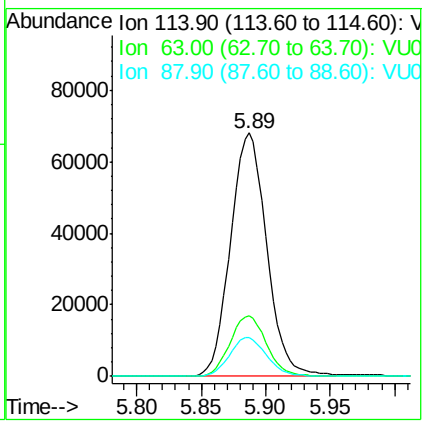


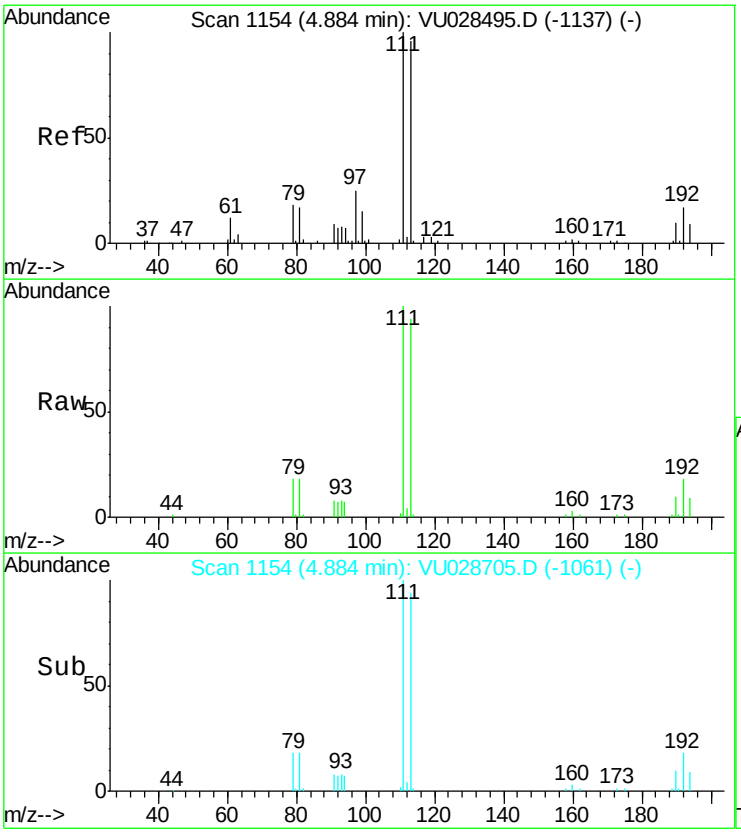
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Instrument :
MSVOA_U
ClientSampleId :
MW-2B_R1

Tgt Ion:114 Resp: 132866

Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	49.2
88	16.1	0.0	33.4

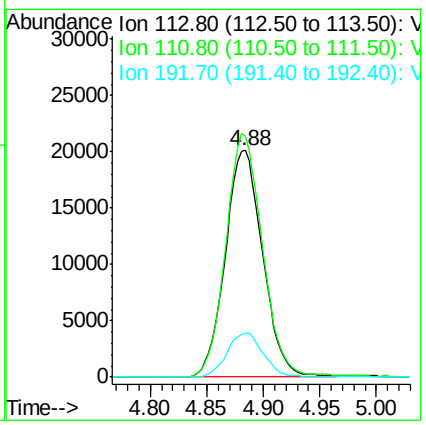


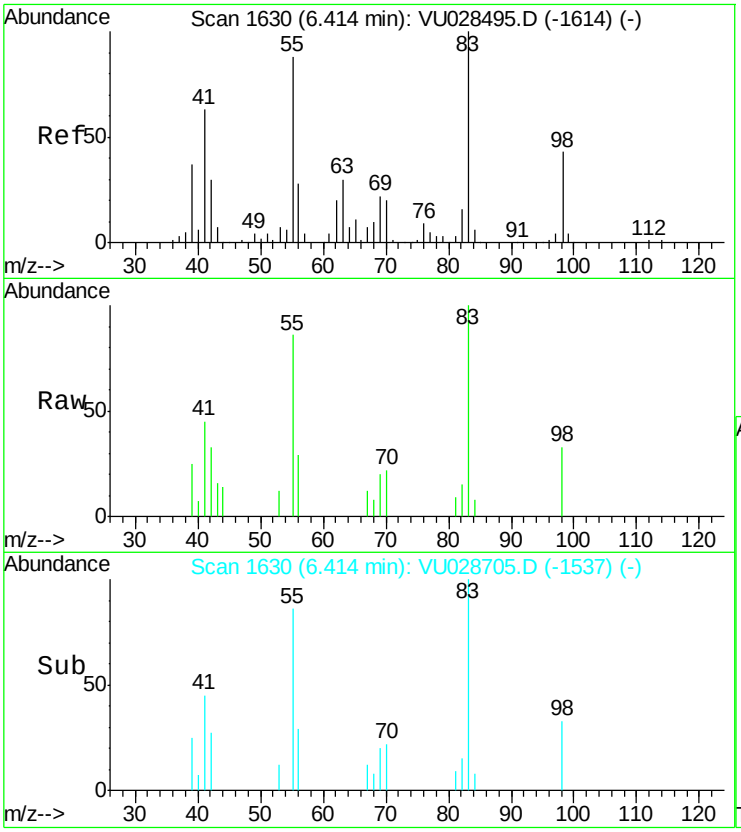


#35
Dibromofluoromethane
Concen: 55.333 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. -0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Tgt Ion:113 Resp: 46266

Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.4	125.0
192	18.8	14.8	22.2



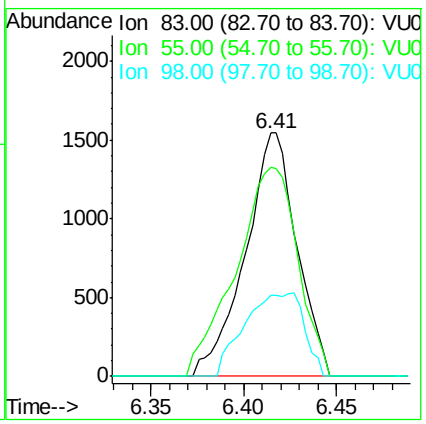


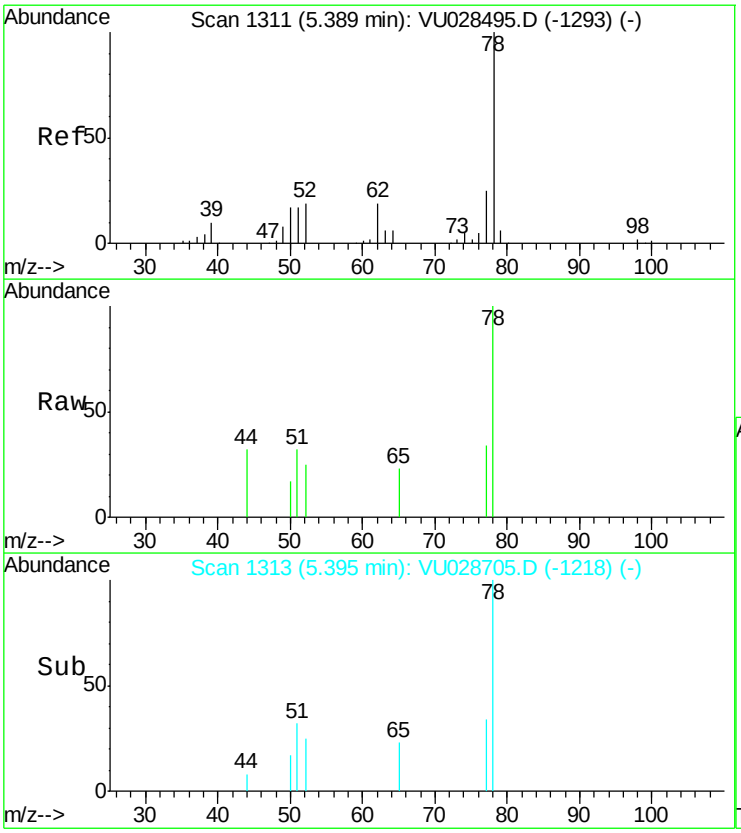
#39
Methylcyclohexane
Concen: 1.694 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Instrument : MSVOA_U
ClientSampleId : MW-2B_R1

Tgt Ion: 83 Resp: 3004

Ion	Ratio	Lower	Upper
83	100		
55	85.7	70.2	105.2
98	33.4	34.2	51.4#

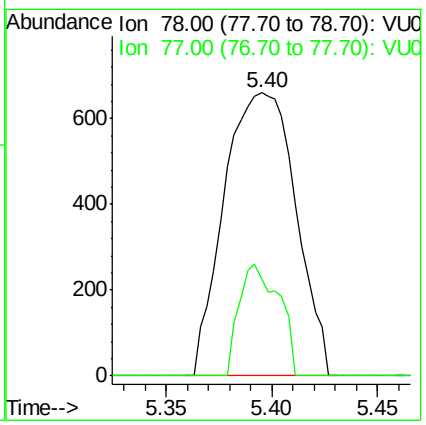


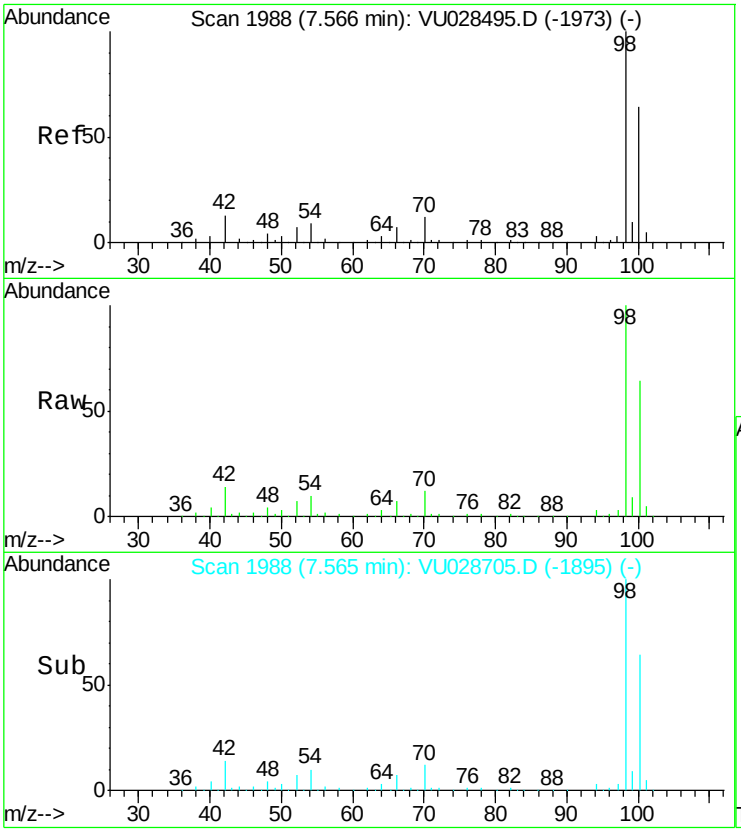


#40
Benzene
Concen: 0.364 ug/l
RT: 5.40 min Scan# 1313
Delta R.T. 0.01 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Tgt Ion: 78 Resp: 1558

Ion	Ratio	Lower	Upper
78	100		
77	34.1	19.9	29.9#



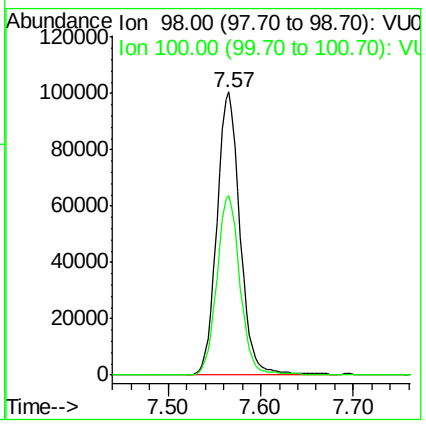


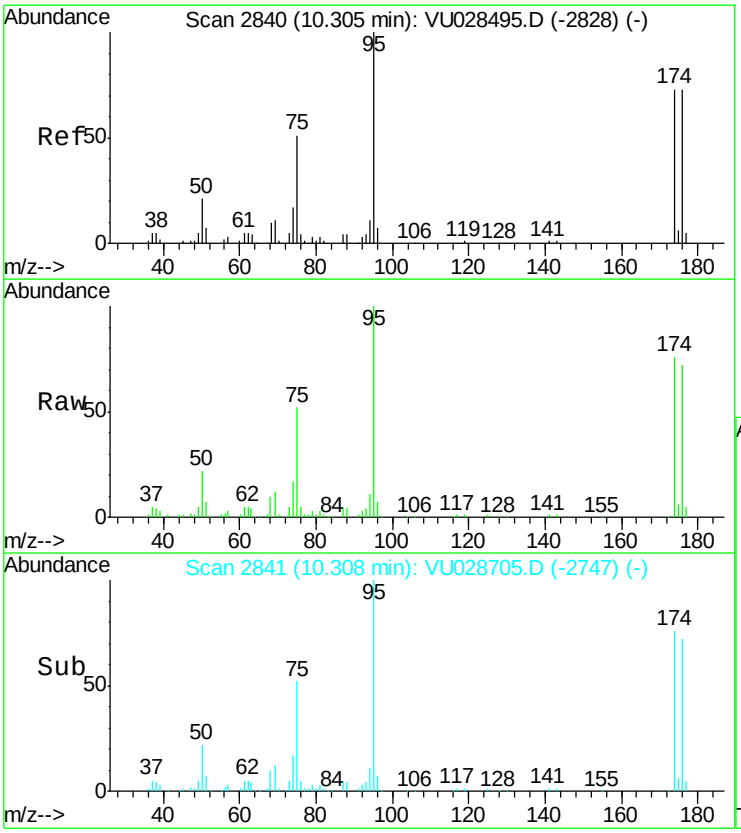
#50
Toluene-d8
Concen: 52.737 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Instrument : MSVOA_U
ClientSampleId : MW-2B_R1

Tgt Ion: 98 Resp: 174434

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.0	76.6

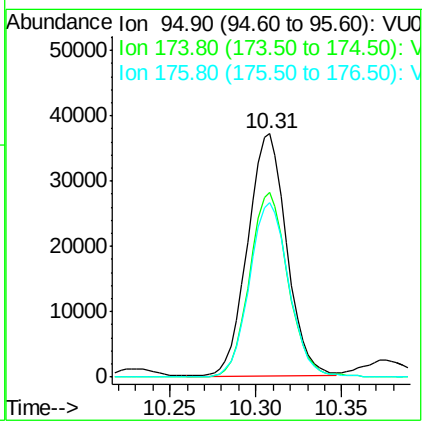


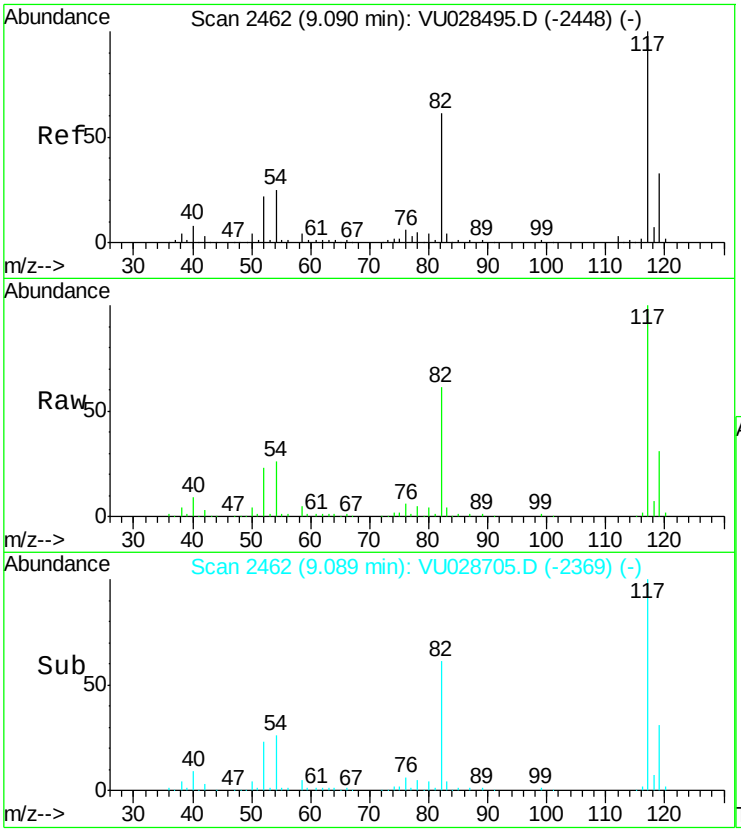


#62
4-Bromofluorobenzene
Concen: 47.364 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Tgt Ion: 95 Resp: 58554

Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	150.4
176	72.7	0.0	145.2



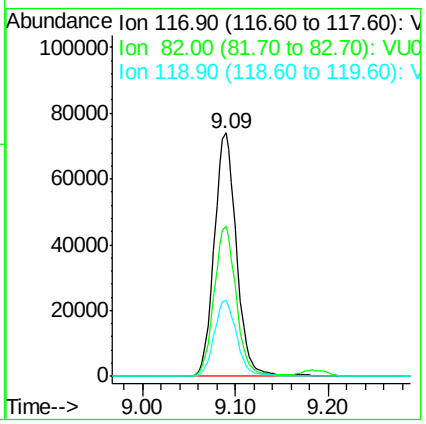


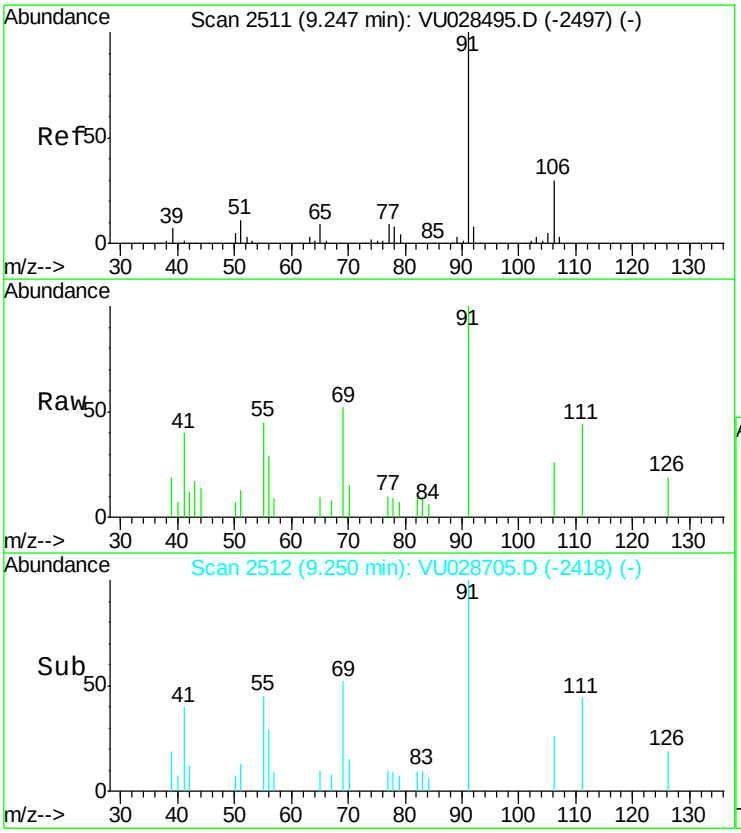
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Instrument : MSVOA_U
ClientSampleId : MW-2B_R1

Tgt Ion:117 Resp: 123125

Ion	Ratio	Lower	Upper
117	100		
82	61.5	48.9	73.3
119	30.9	26.2	39.4

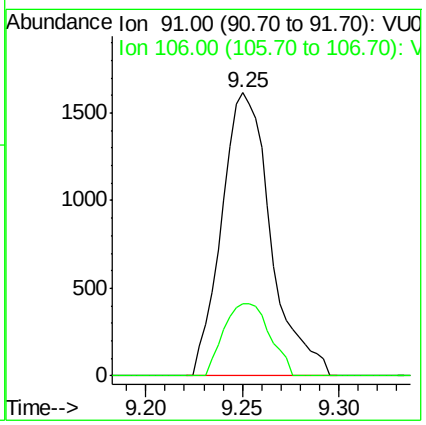


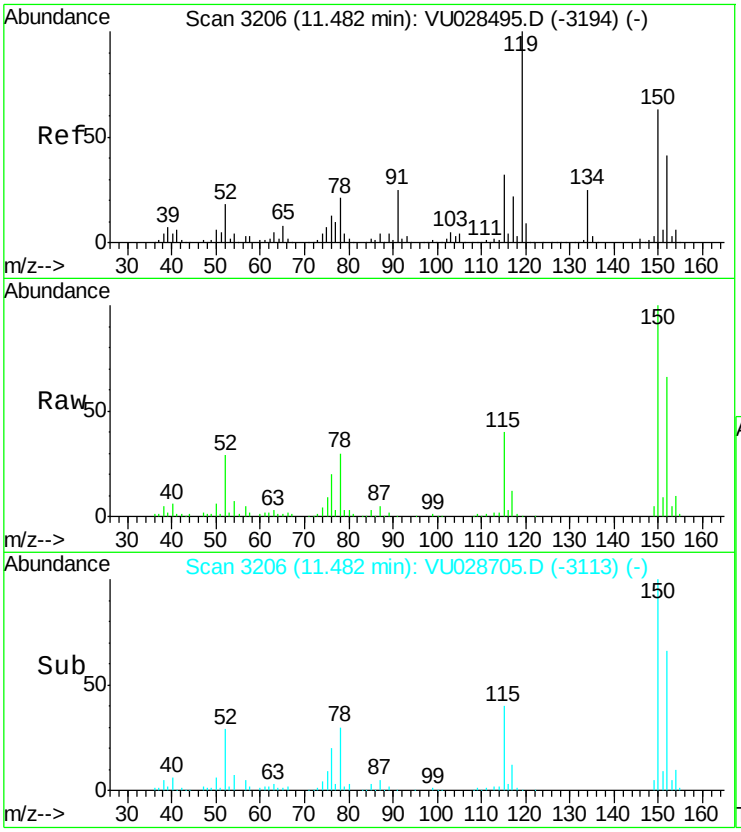


#67
Ethyl Benzene
Concen: 0.593 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Tgt Ion: 91 Resp: 2862

Ion	Ratio	Lower	Upper
91	100		
106	25.6	24.1	36.1



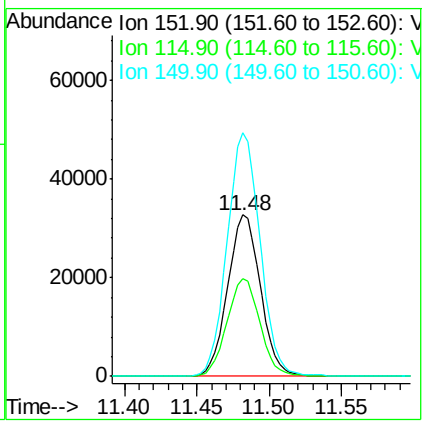


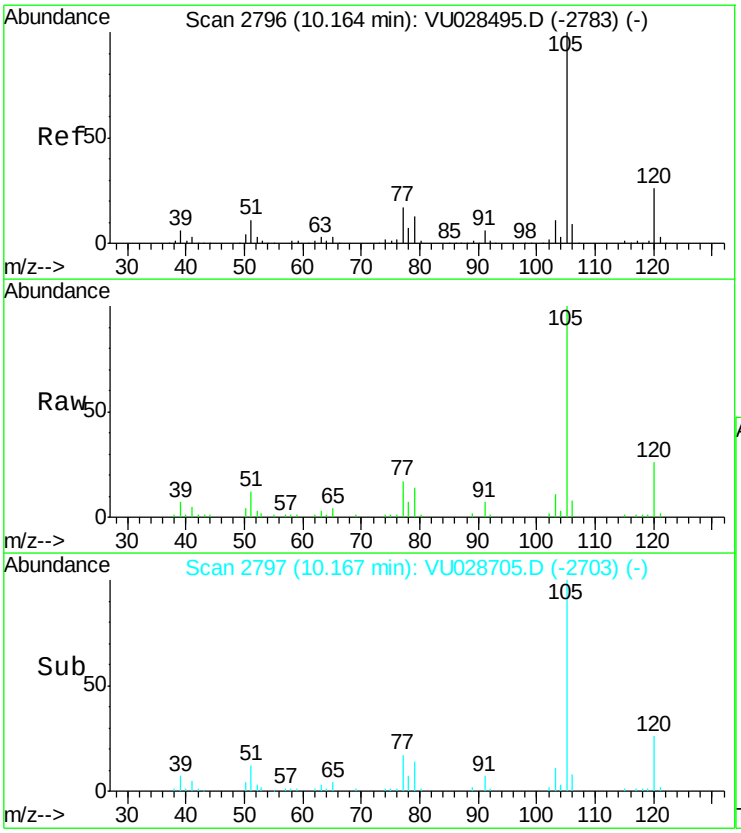
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Instrument : MSVOA_U
ClientSampleId : MW-2B_R1

Tgt Ion:152 Resp: 51274

Ion	Ratio	Lower	Upper
152	100		
115	60.8	42.7	128.1
150	152.2	0.0	346.0

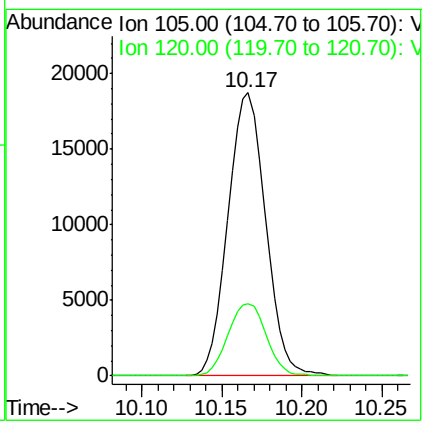


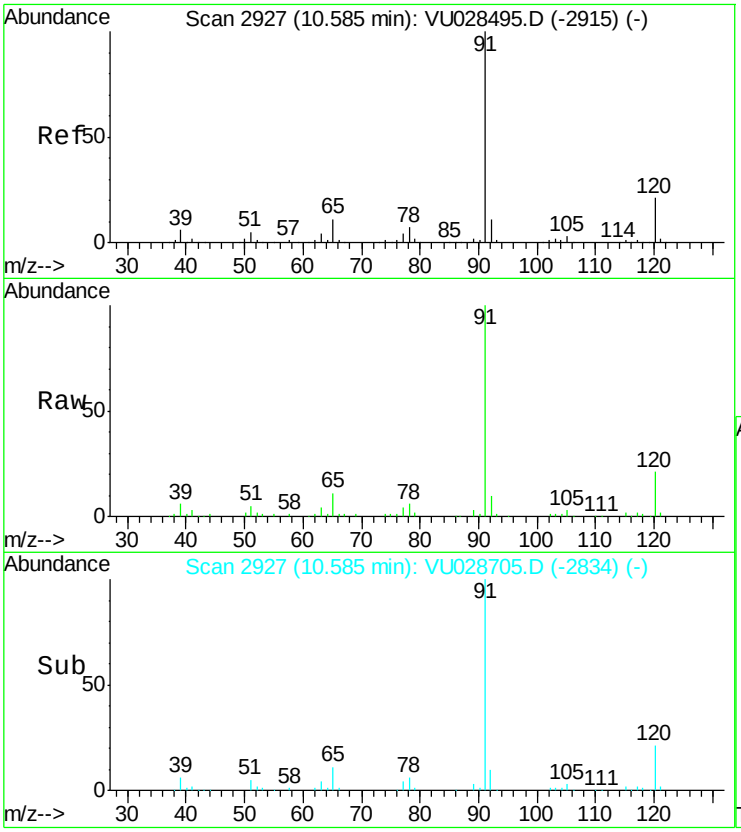


#73
Isopropylbenzene
Concen: 7.639 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Tgt Ion:105 Resp: 30057

Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.9	38.6



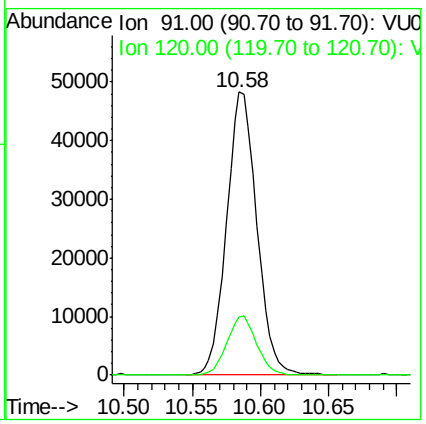


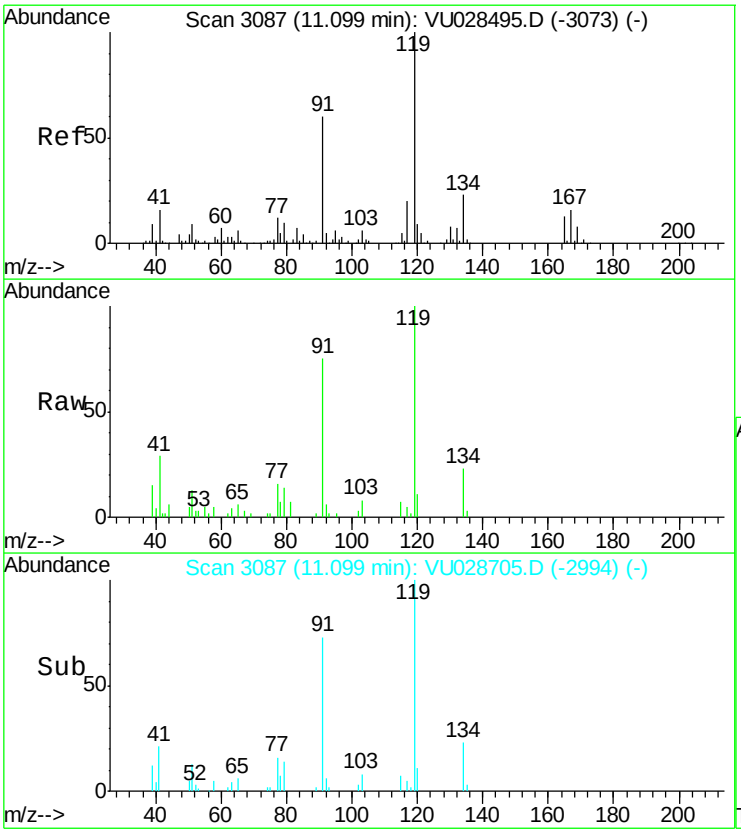
#78
n-propylbenzene
Concen: 15.248 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. -0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Instrument : MSVOA_U
ClientSampleId : MW-2B_R1

Tgt Ion: 91 Resp: 74545

Ion	Ratio	Lower	Upper
91	100		
120	20.5	10.6	31.8

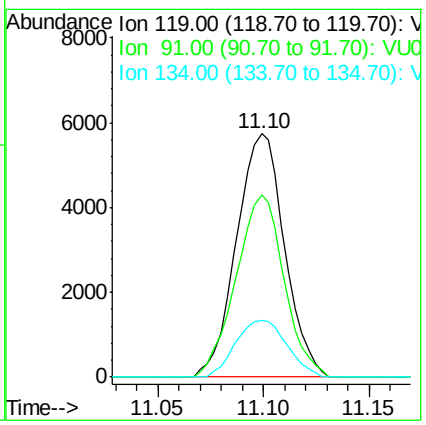


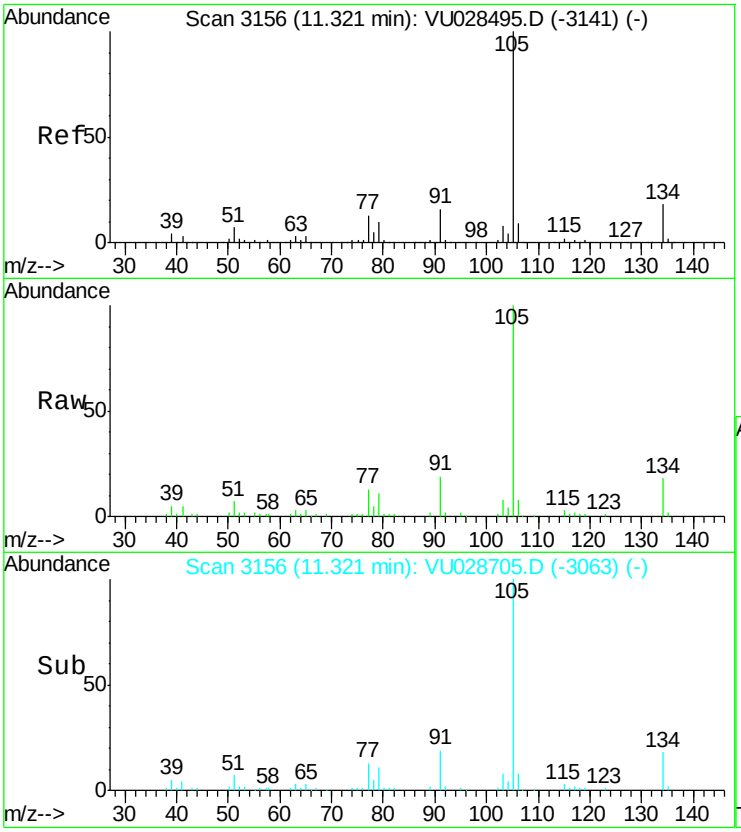


#83
tert-Butylbenzene
Concen: 2.893 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Tgt Ion:119 Resp: 9083

Ion	Ratio	Lower	Upper
119	100		
91	74.9	30.3	91.0
134	24.9	11.2	33.5



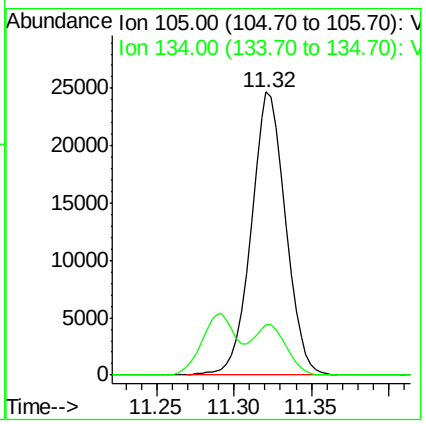


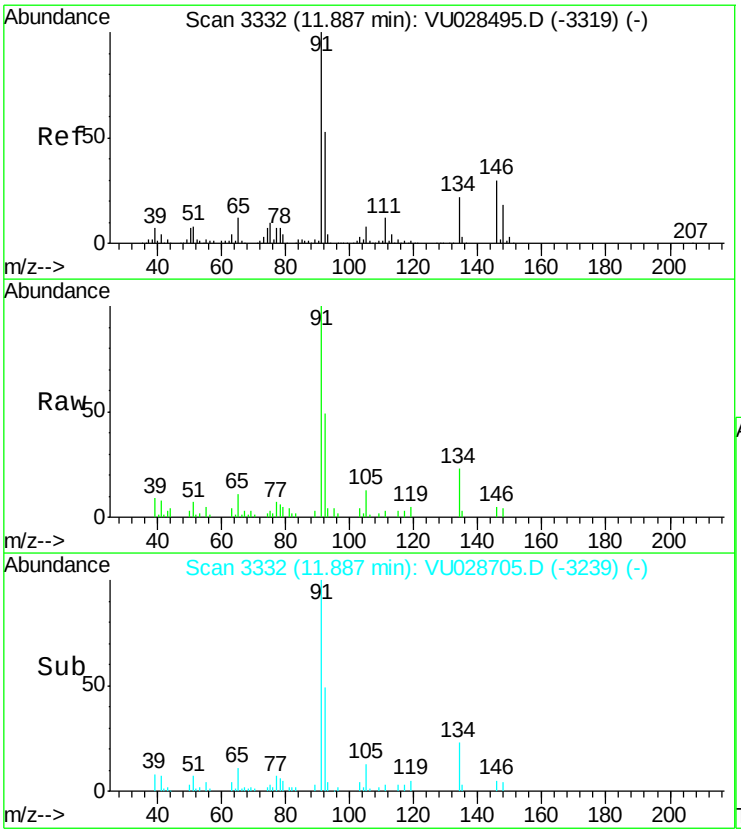
#85
sec-Butylbenzene
Concen: 9.482 ug/l
RT: 11.32 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Instrument :
MSVOA_U
ClientSampleId :
MW-2B_R1

Tgt Ion:105 Resp: 38237

Ion	Ratio	Lower	Upper
105	100		
134	16.8	9.2	27.6





#89
n-Butylbenzene
Concen: 4.793 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU028705.D
Acq: 15 Dec 2018 00:06

Tgt Ion: 91 Resp: 16618

Ion	Ratio	Lower	Upper
91	100		
92	41.6	26.3	78.9
134	0.0	11.3	33.8#