Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121118\
Data File : VU028591.D
Acq On : 11 Dec 2018 08:05
Operator : MD/SY
Sample : J6305-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : P001-SW003-01

Quant Time: Dec 11 14:13:30 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	85452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	158174	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	141501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	59679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	72173	55.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.70%			
35) Dibromofluoromethane	4.88	113	53025	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.54%			
50) Toluene-d8	7.56	98	207009	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.14%			
62) 4-Bromofluorobenzene	10.30	95	70492	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.80%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.83	59	24092	82.922	ug/l #	83
15) Acrylonitrile	2.94	53	3076	3.813	ug/l	90
16) Acetone	2.32	43	189360	222.526	ug/l	100
25) 2-Butanone	4.26	43	72937	62.719	ug/l	99
29) Tetrahydrofuran	4.64	42	12395	16.596	ug/l	97
31) Cyclohexane	4.99	56	45939	19.825	ug/l	95
39) Methylcyclohexane	6.41	83	37715	17.861	ug/l	99
40) Benzene	5.39	78	70994	13.926	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	27109	12.145	ug/l	99
52) Toluene	7.64	92	175983	58.658	ug/l	99
59) 2-Hexanone	8.37	43	4034	2.280	ug/l	93
67) Ethyl Benzene	9.25	91	108332	19.544	ug/l	98
68) m/p-Xylenes	9.37	106	131167	65.032	ug/l	95
69) o-Xylene	9.78	106	48673	24.832	ug/l	98
70) Styrene	9.79	104	39552	12.193	ug/l	89
73) Isopropylbenzene	10.17	105	11532	2.518	ug/l	100
78) n-propylbenzene	10.58	91	54223	9.529	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	58040	15.311	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	189250	48.444	ug/l	99
95) Naphthalene	13.74	128	45249	9.322	ug/l	100

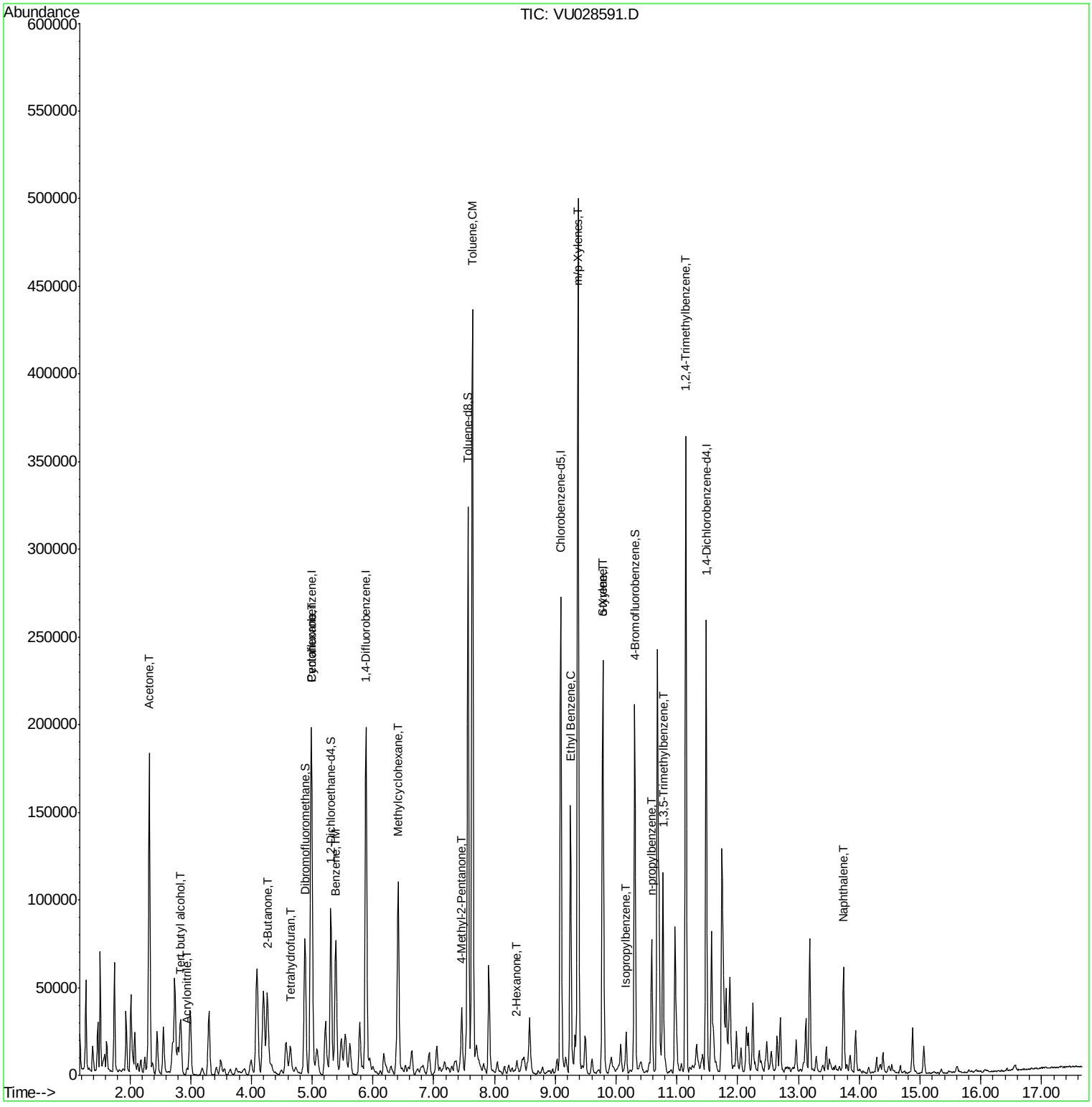
(#) = qualifier out of range (m) = manual integration (+) = signals summed

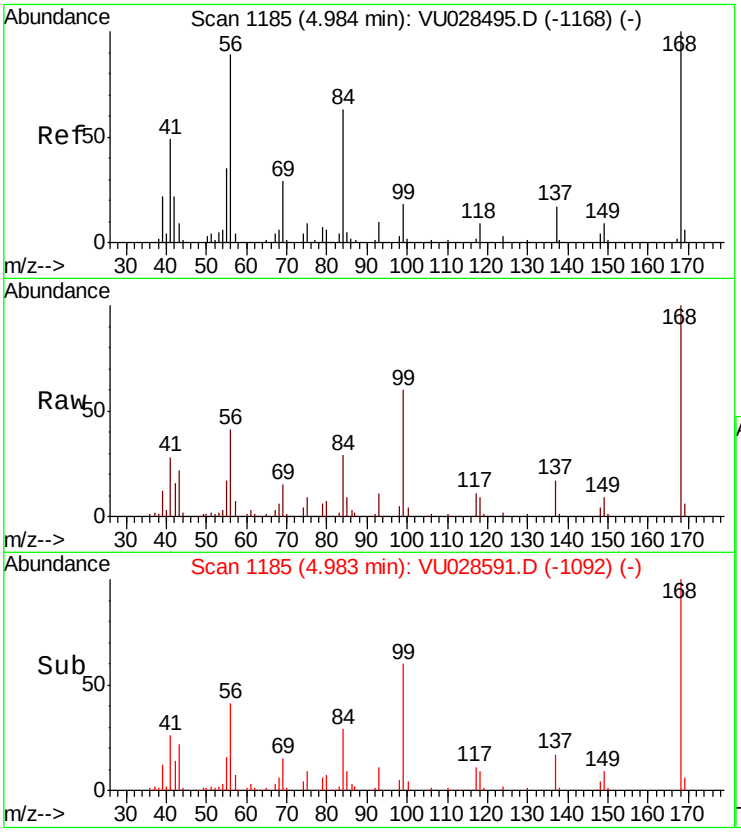
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121118\
Data File : VU028591.D
Acq On : 11 Dec 2018 08:05
Operator : MD/SY
Sample : J6305-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
P001-SW003-01

Quant Time: Dec 11 14:13:30 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

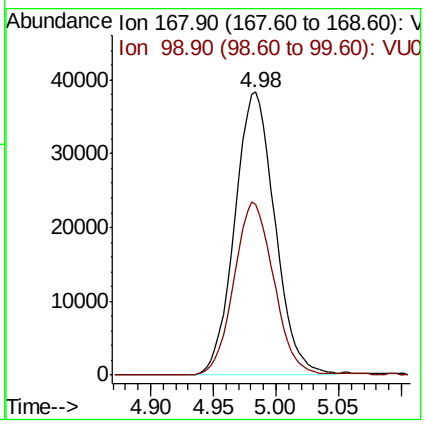




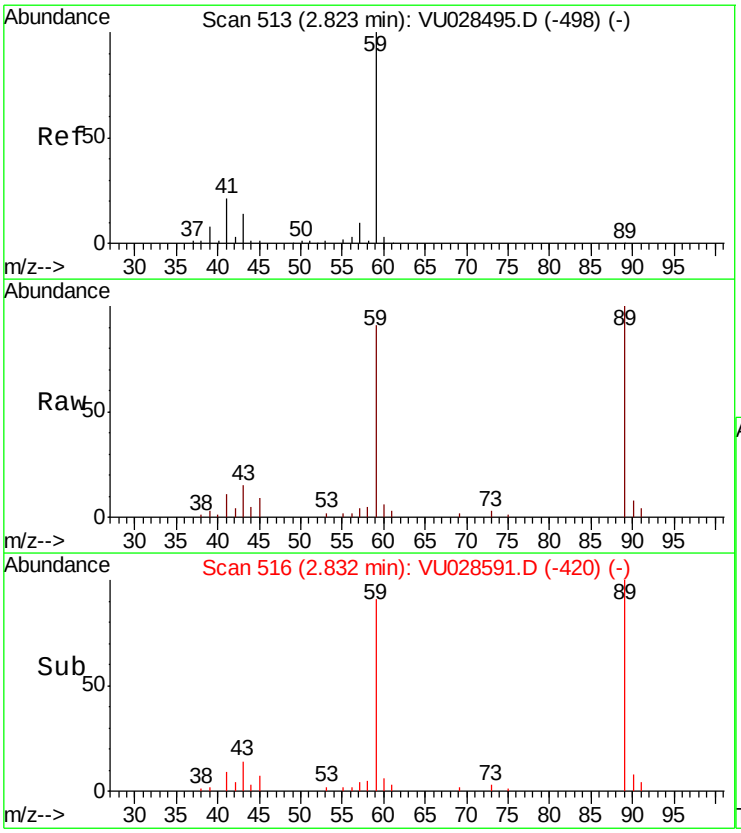
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Tgt Ion:168 Resp: 85452

Ion	Ratio	Lower	Upper
168	100		
99	60.3	46.6	69.8



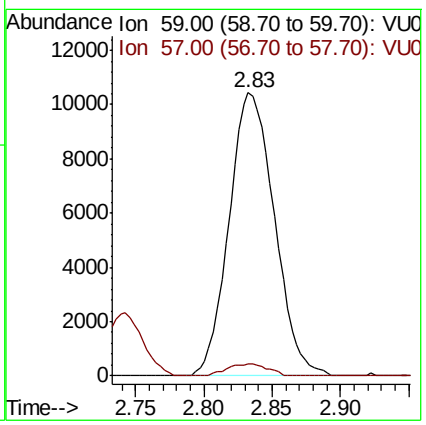
Instrument :
MSVOA_U
ClientSampleId :
P001-SW003-01

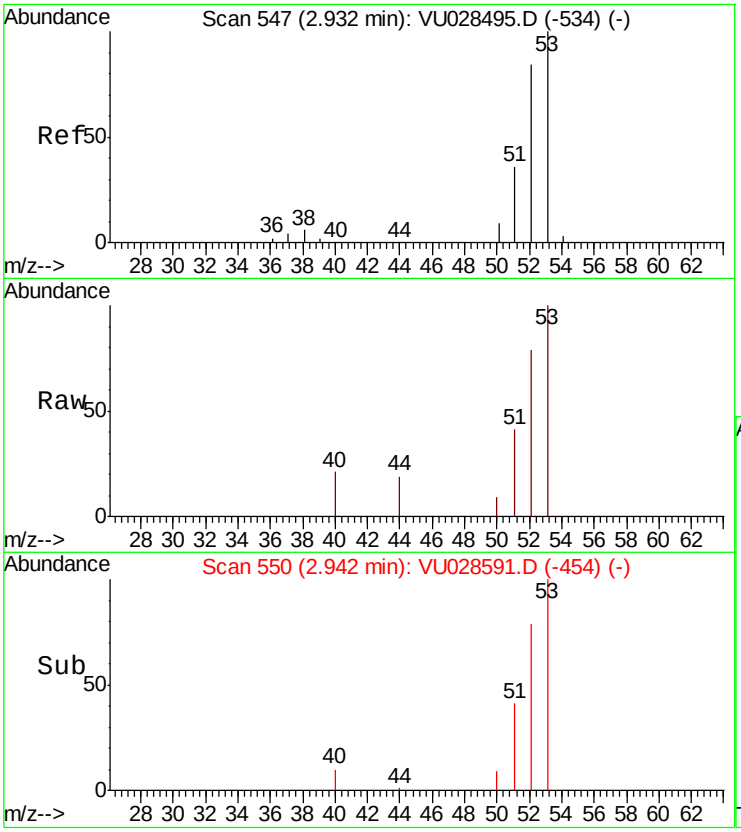


#11
Tert butyl alcohol
Concen: 82.922 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.01 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Tgt Ion: 59 Resp: 24092

Ion	Ratio	Lower	Upper
59	100		
57	3.7	8.0	12.0#



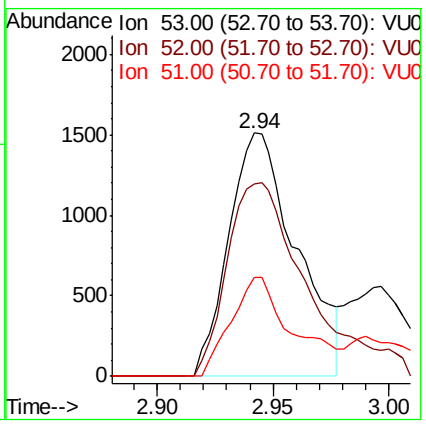


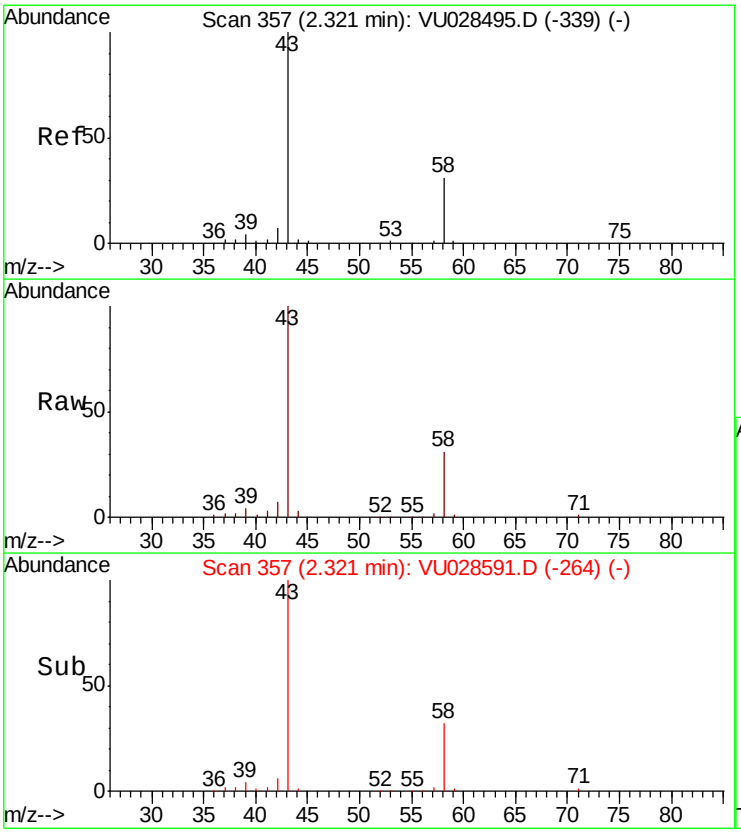
#15
Acrylonitrile
Concen: 3.813 ug/l
RT: 2.94 min Scan# 550
Delta R.T. 0.01 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Instrument : MSVOA_U
ClientSampleId : P001-SW003-01

Tgt Ion: 53 Resp: 3076

Ion	Ratio	Lower	Upper
53	100		
52	93.7	66.1	99.1
51	37.1	28.1	42.1

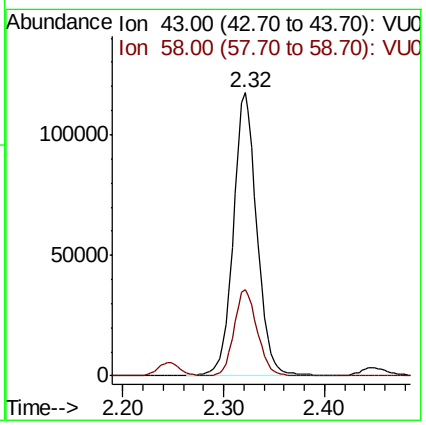


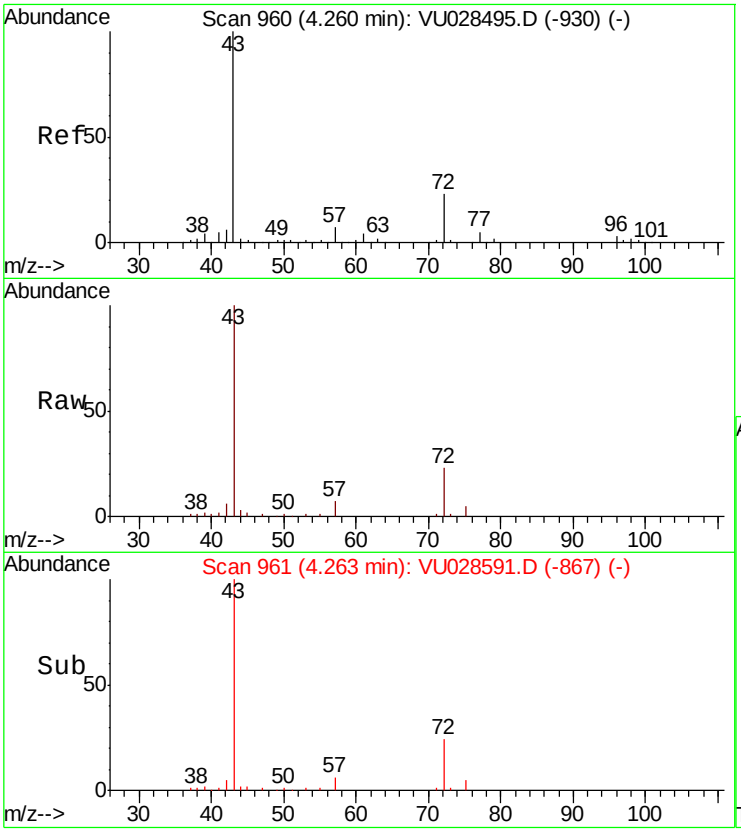


#16
Acetone
Concen: 222.526 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Tgt Ion: 43 Resp: 189360

Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.6	37.0



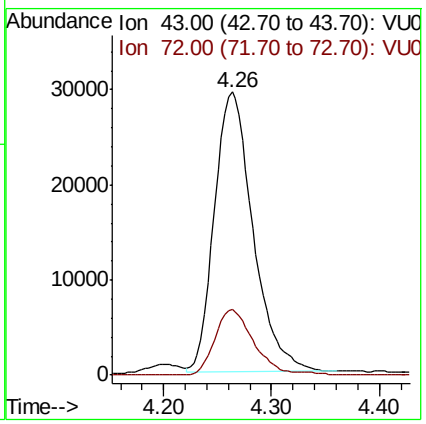


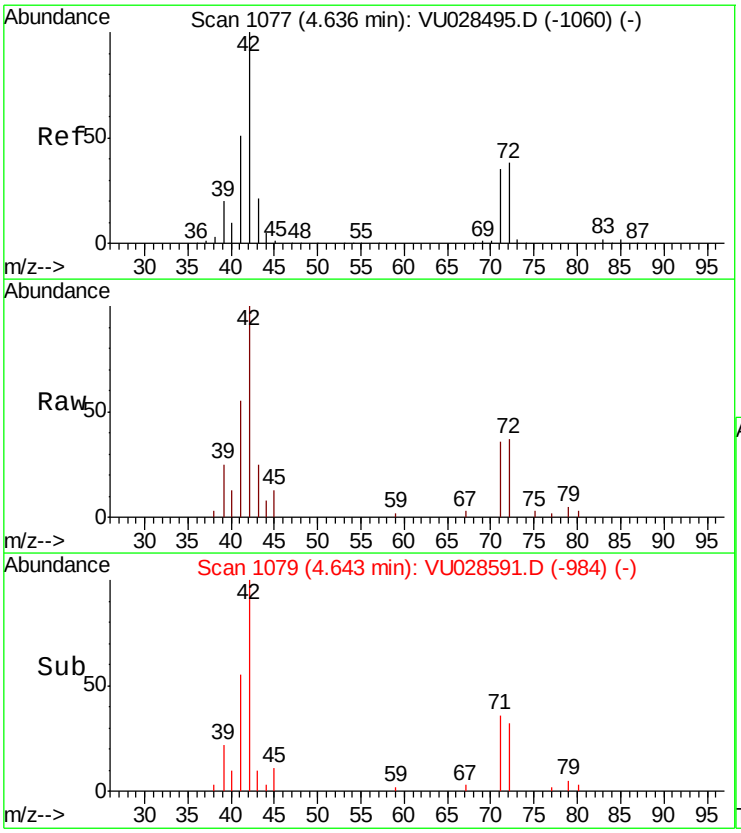
#25
2-Butanone
Concen: 62.719 ug/l
RT: 4.26 min Scan# 961
Delta R.T. 0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
P001-SW003-01

Tgt Ion: 43 Resp: 72937

Ion	Ratio	Lower	Upper
43	100		
72	23.6	18.6	28.0

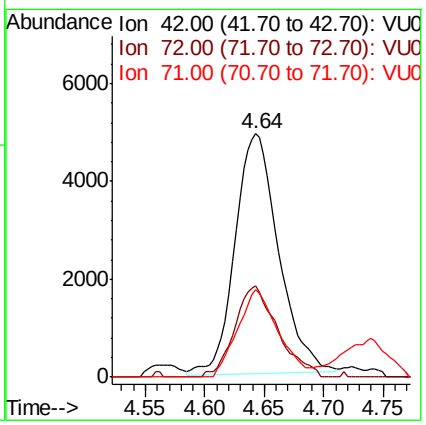


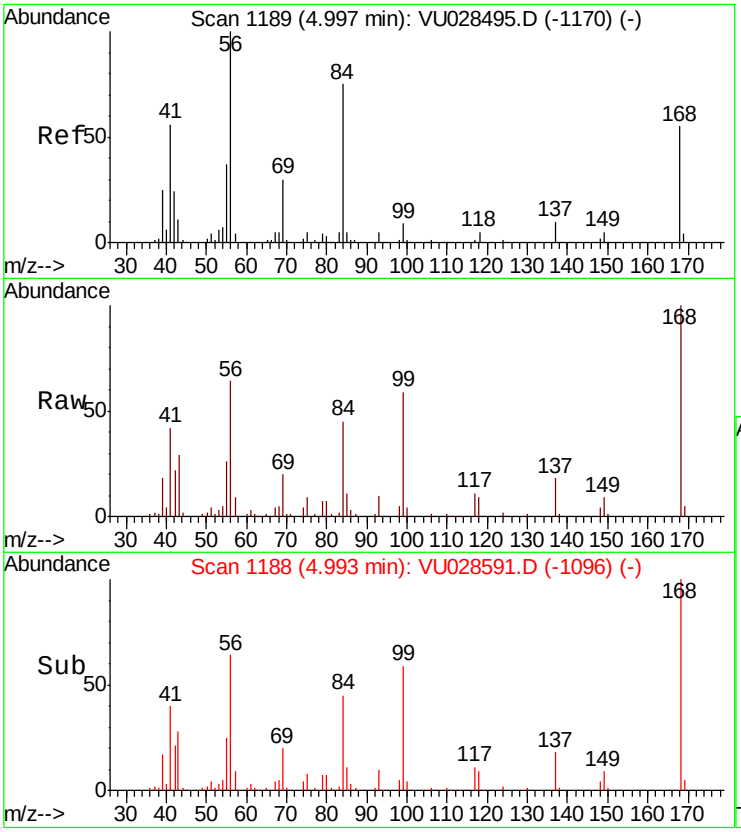


#29
Tetrahydrofuran
Concen: 16.596 ug/l
RT: 4.64 min Scan# 1079
Delta R.T. 0.01 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Tgt Ion: 42 Resp: 12395

Ion	Ratio	Lower	Upper
42	100		
72	37.6	31.4	47.0
71	33.8	28.6	43.0



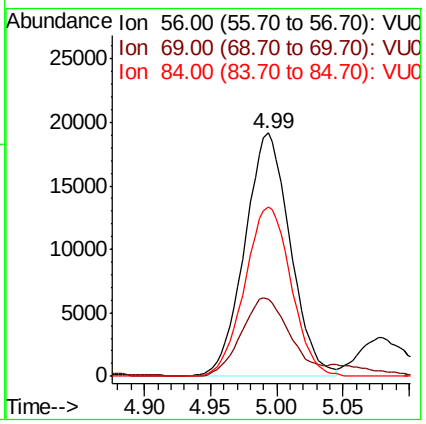


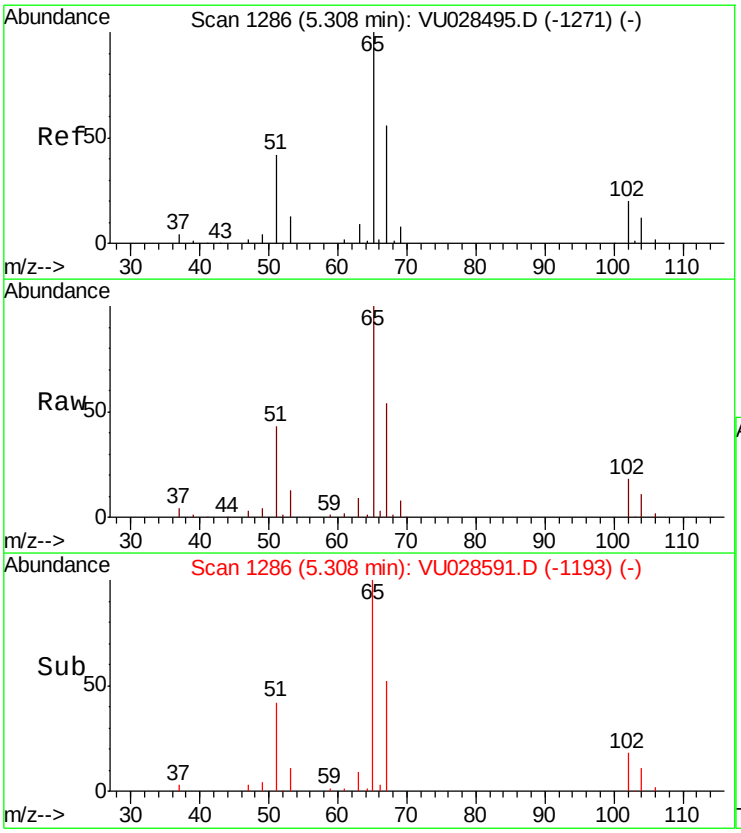
#31
Cyclohexane
Concen: 19.825 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
P001-SW003-01

Tgt Ion: 56 Resp: 45939

Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.0	36.0
84	69.3	59.7	89.5

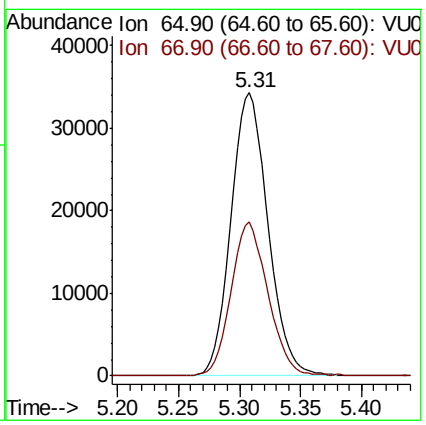


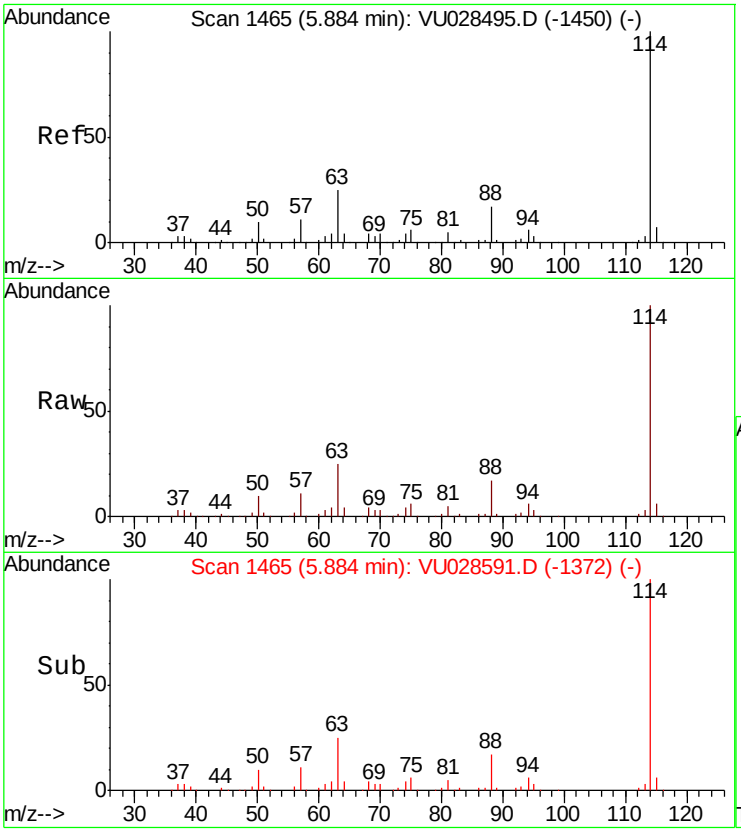


#33
1,2-Dichloroethane-d4
Concen: 55.345 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Tgt Ion: 65 Resp: 72173

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	110.6



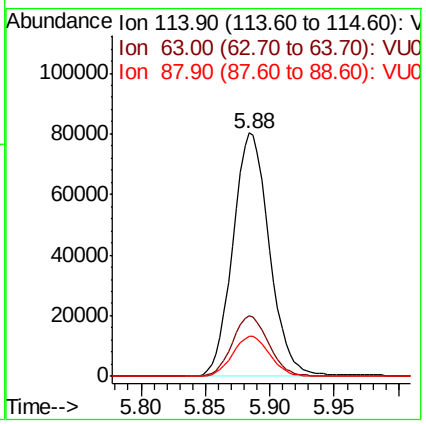


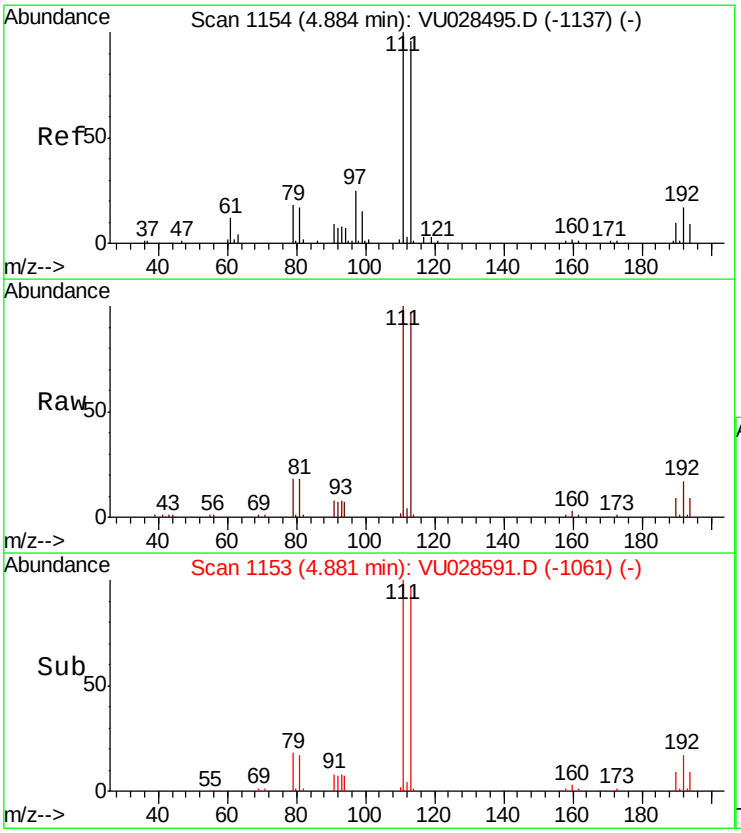
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
P001-SW003-01

Tgt Ion:114 Resp: 158174

Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	49.2
88	16.5	0.0	33.4

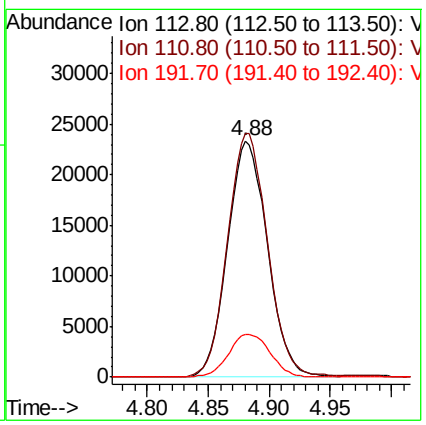


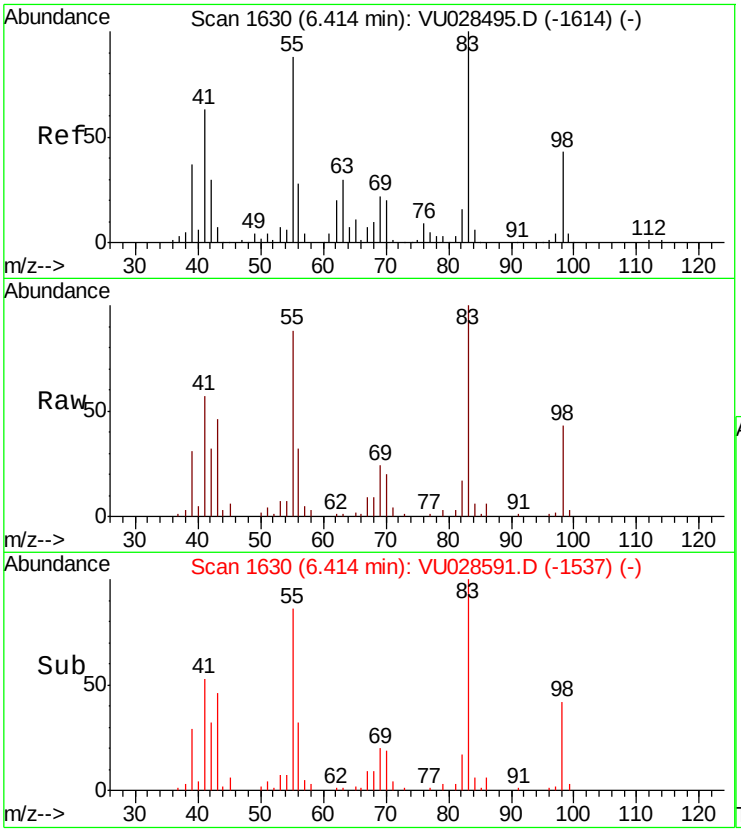


#35
Dibromofluoromethane
Concen: 53.270 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Tgt Ion:113 Resp: 53025

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.0
192	18.7	14.8	22.2



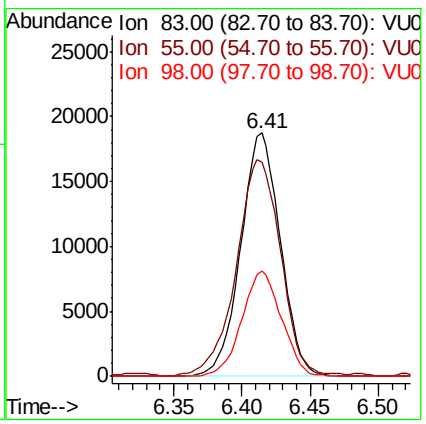


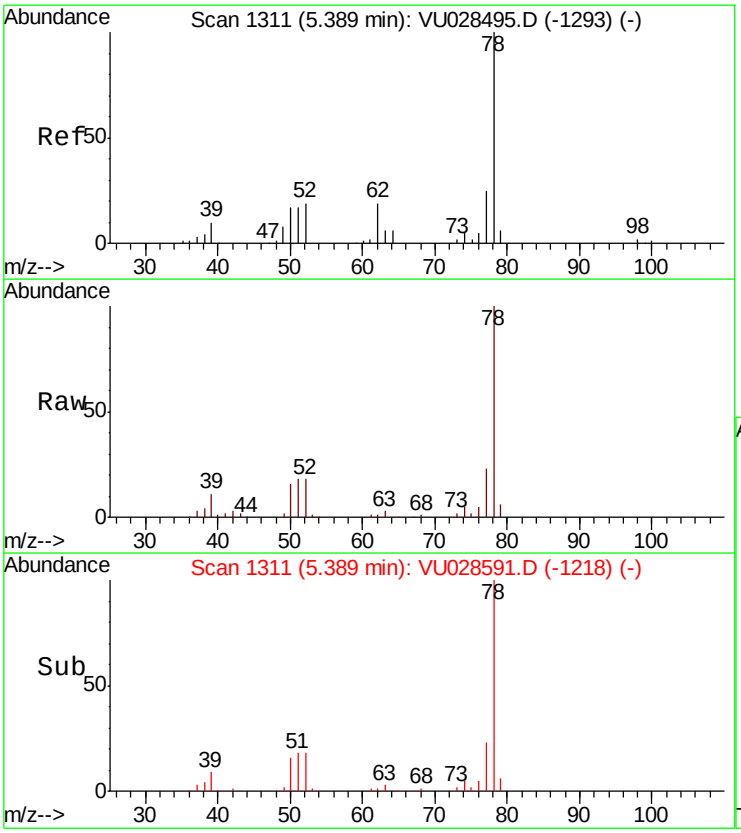
#39
Methylcyclohexane
Concen: 17.861 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
P001-SW003-01

Tgt Ion: 83 Resp: 37715

Ion	Ratio	Lower	Upper
83	100		
55	86.6	70.2	105.2
98	43.3	34.2	51.4

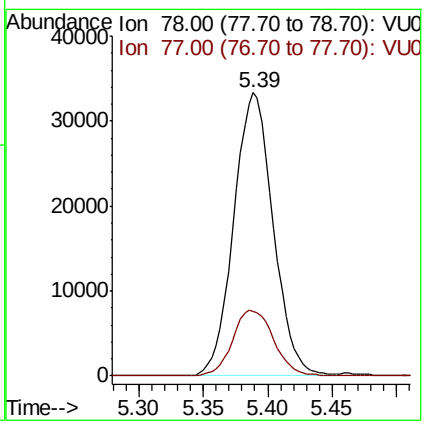


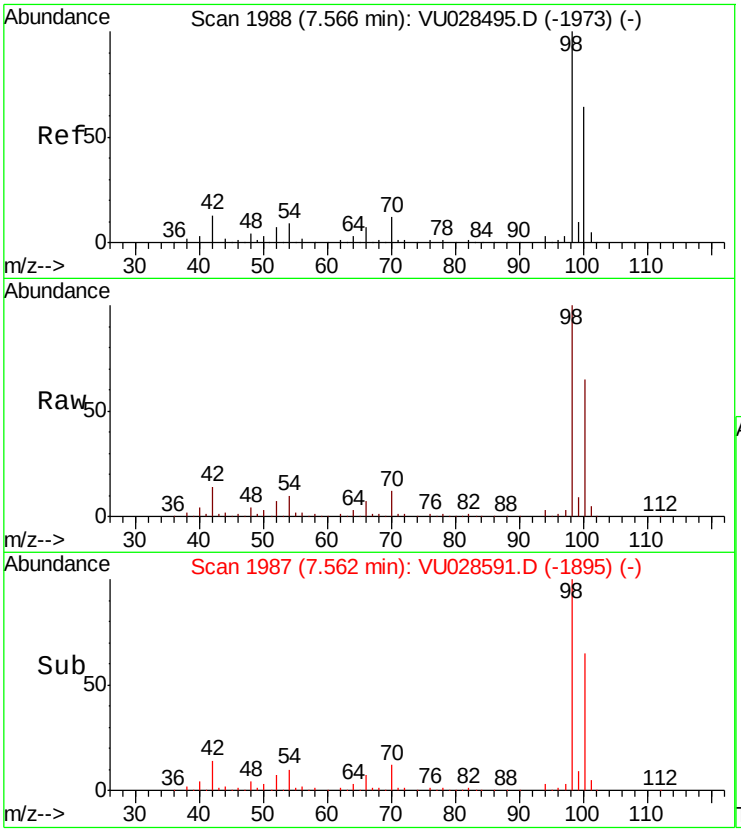


#40
Benzene
Concen: 13.926 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Tgt Ion: 78 Resp: 70994

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.9	29.9



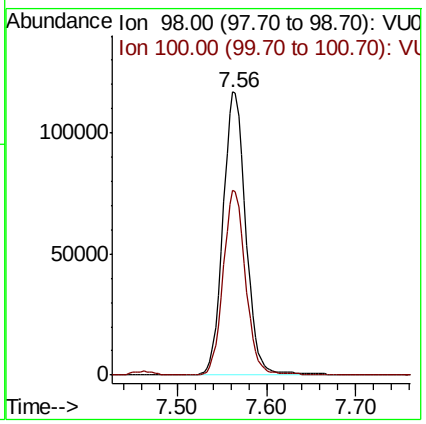


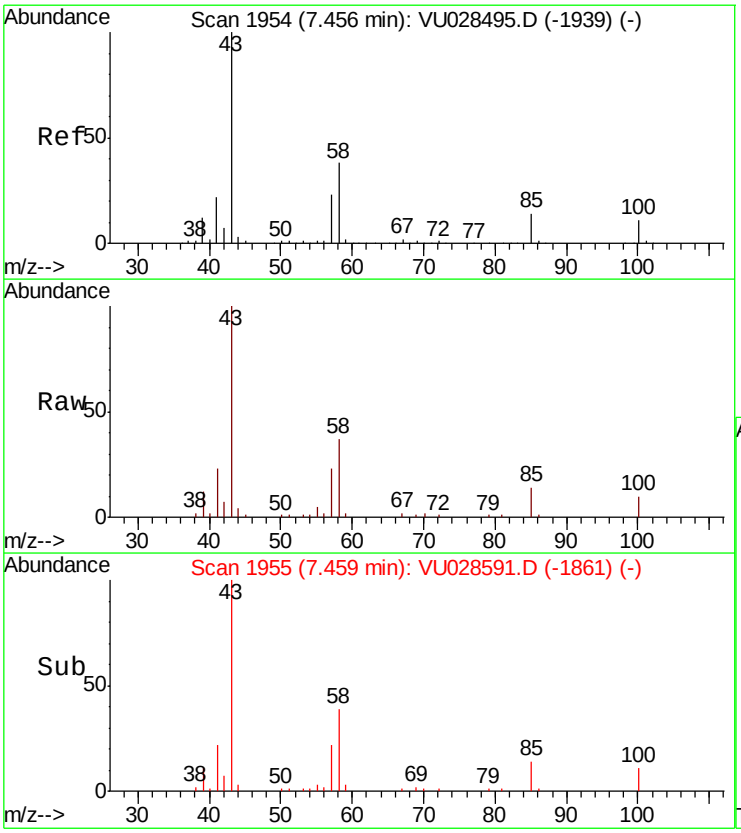
#50
Toluene-d8
Concen: 52.572 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
P001-SW003-01

Tgt Ion: 98 Resp: 207009

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.0	76.6

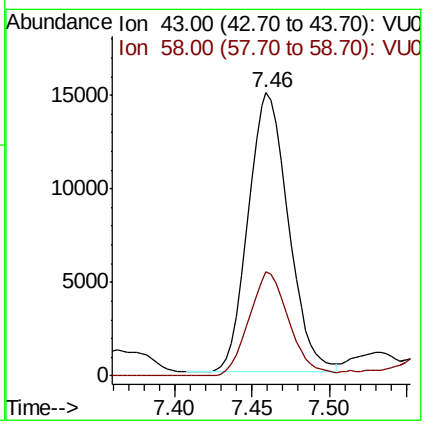


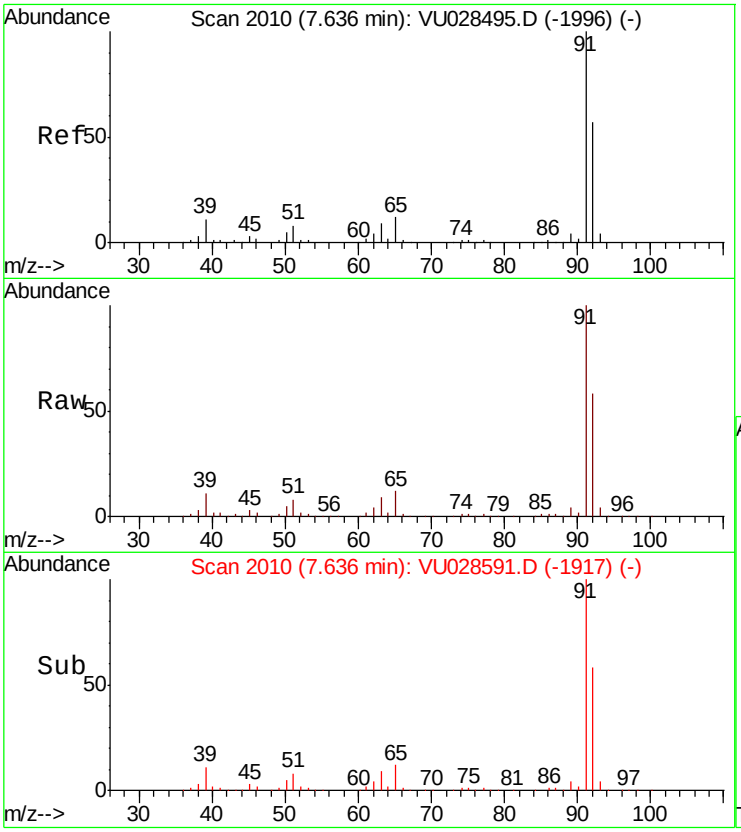


#51
4-Methyl-2-Pentanone
Concen: 12.145 ug/l
RT: 7.46 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Tgt Ion: 43 Resp: 27109

Ion	Ratio	Lower	Upper
43	100		
58	37.0	30.2	45.2



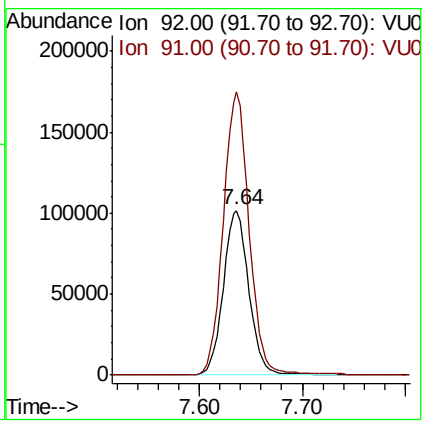


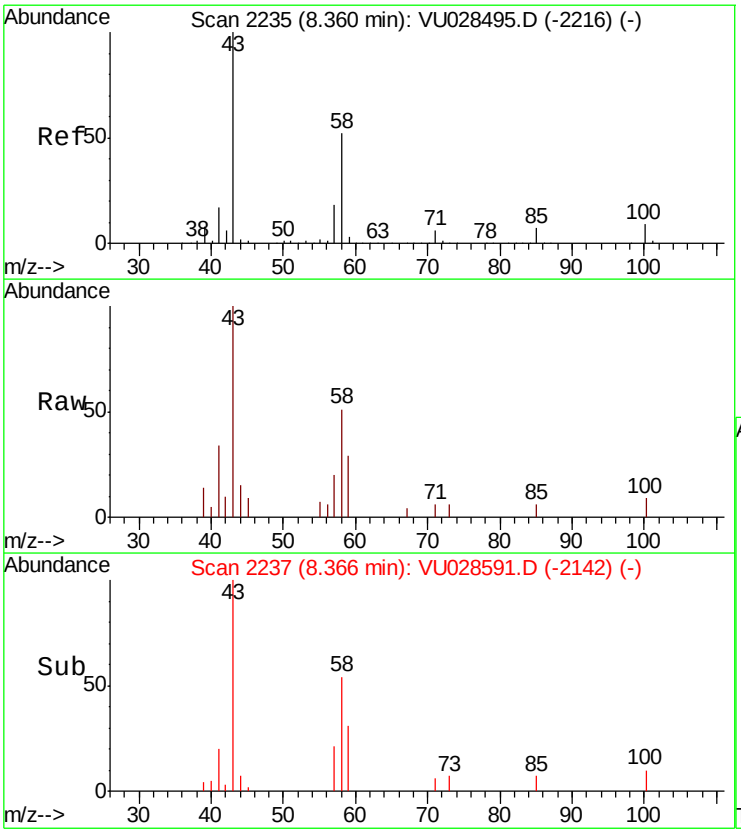
#52
Toluene
Concen: 58.658 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
P001-SW003-01

Tgt Ion: 92 Resp: 175983

Ion	Ratio	Lower	Upper
92	100		
91	174.0	140.2	210.4

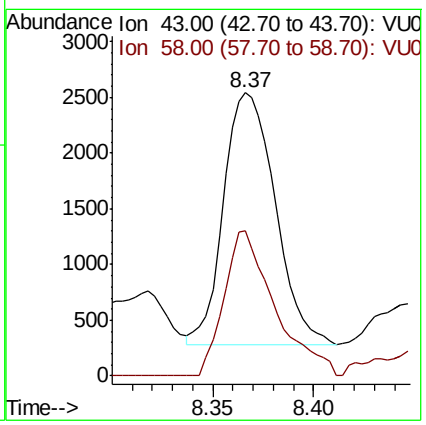


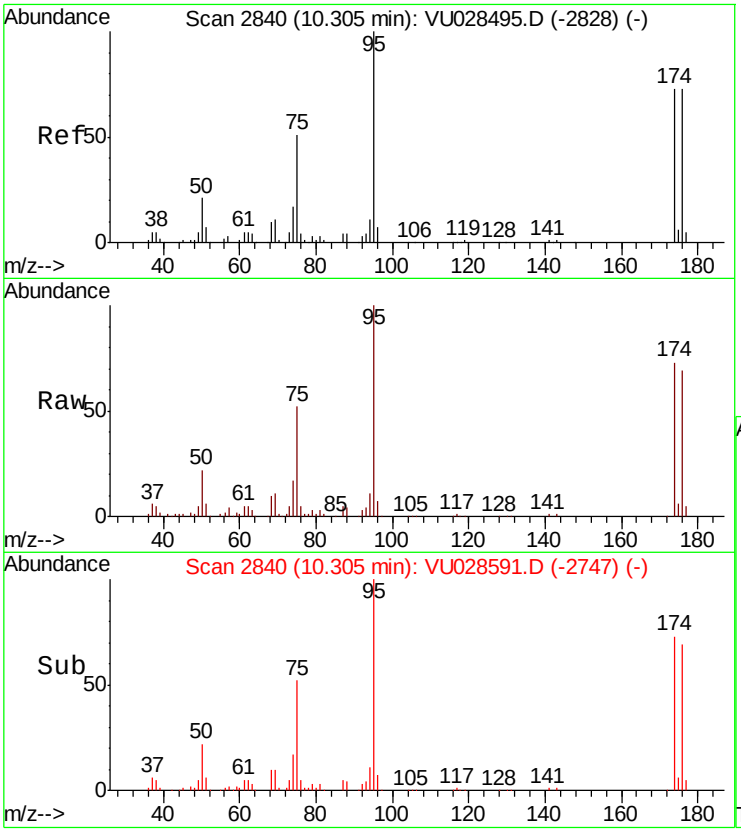


#59
2-Hexanone
Concen: 2.280 ug/l
RT: 8.37 min Scan# 2237
Delta R.T. 0.01 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Tgt Ion: 43 Resp: 4034

Ion	Ratio	Lower	Upper
43	100		
58	56.5	25.9	77.6



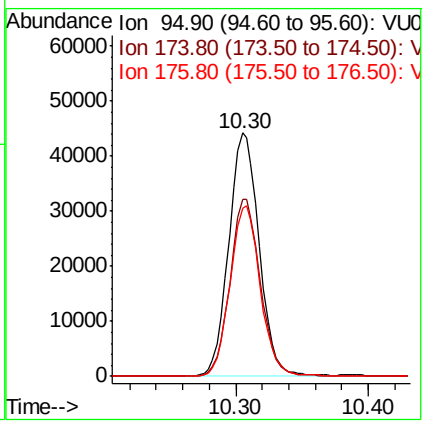


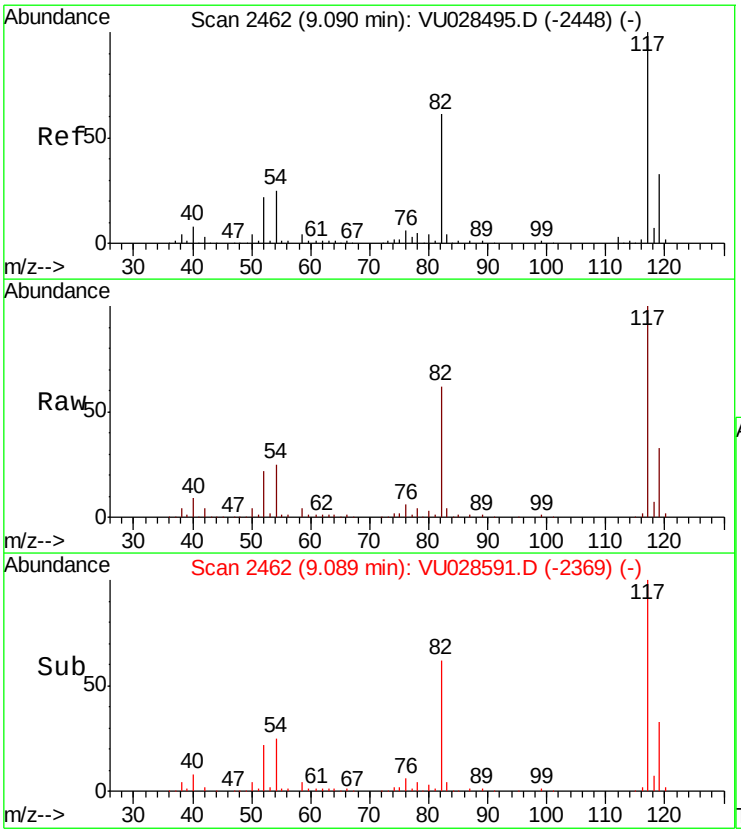
#62
4-Bromofluorobenzene
Concen: 47.897 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
P001-SW003-01

Tgt Ion: 95 Resp: 70492

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	150.4
176	69.5	0.0	145.2

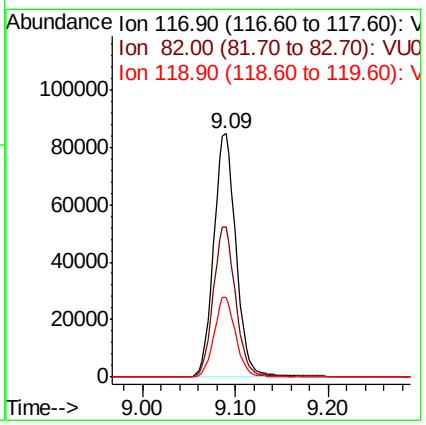


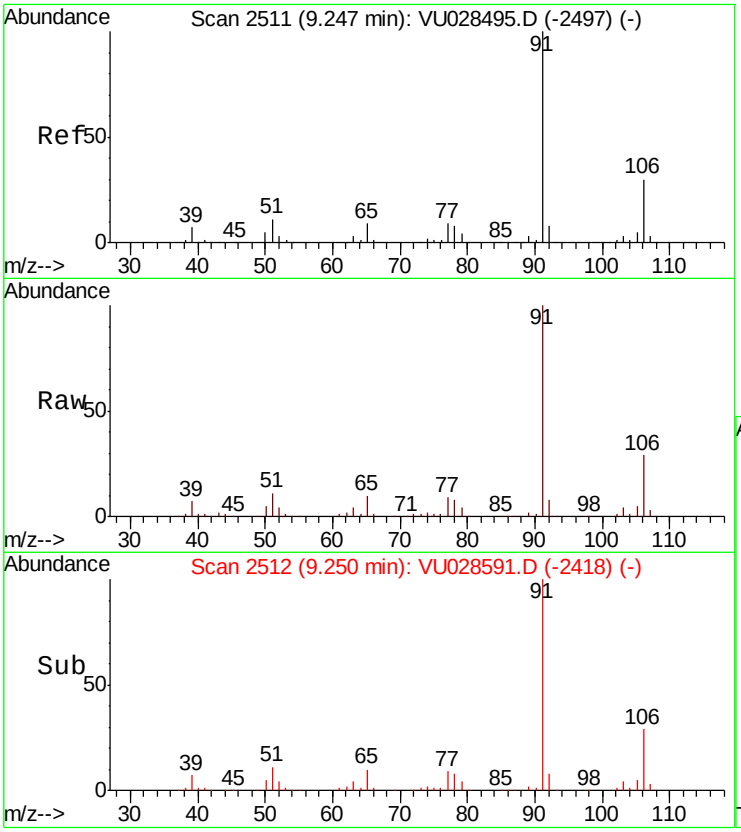


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Tgt Ion:117 Resp: 141501

Ion	Ratio	Lower	Upper
117	100		
82	61.6	48.9	73.3
119	32.5	26.2	39.4



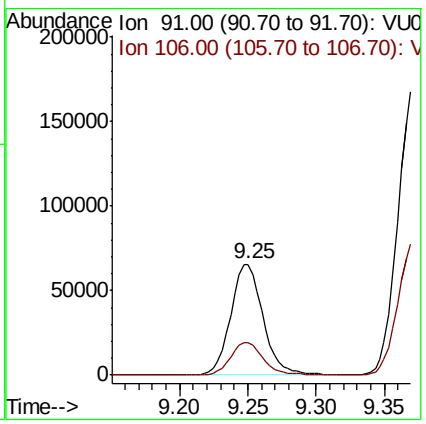


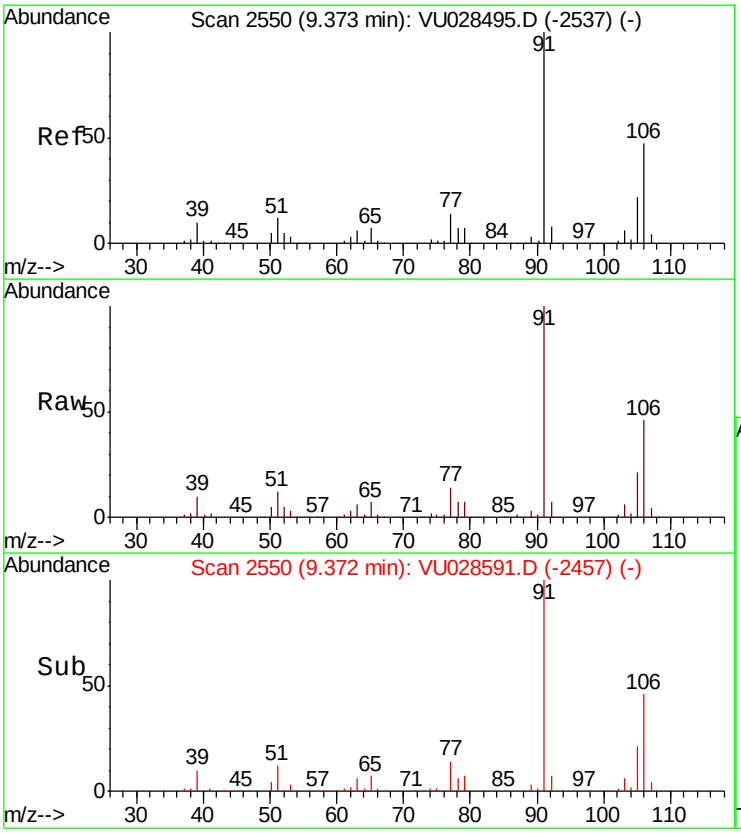
#67
Ethyl Benzene
Concen: 19.544 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
P001-SW003-01

Tgt Ion: 91 Resp: 108332

Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.1	36.1

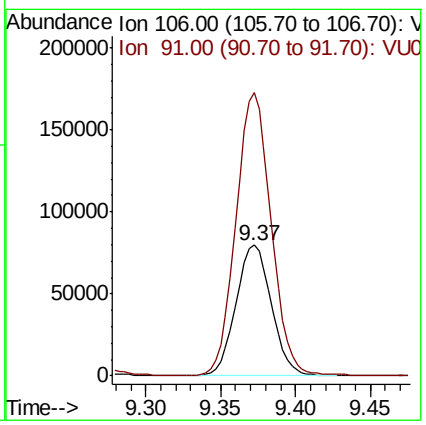


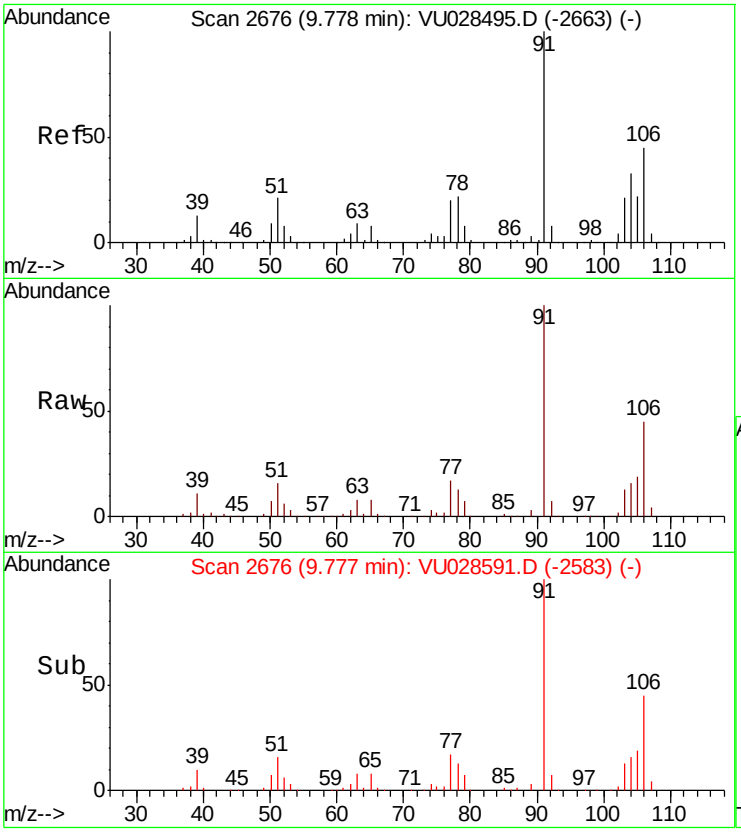


#68
m/p-Xylenes
Concen: 65.032 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Tgt Ion:106 Resp: 131167

Ion	Ratio	Lower	Upper
106	100		
91	216.5	167.4	251.0



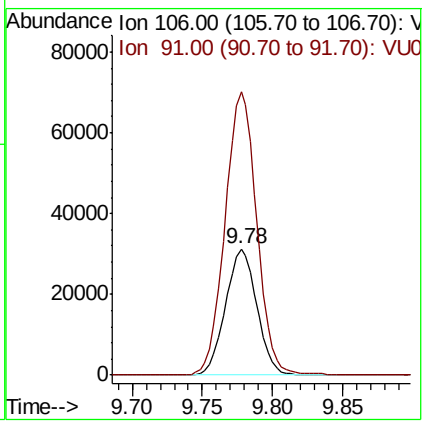


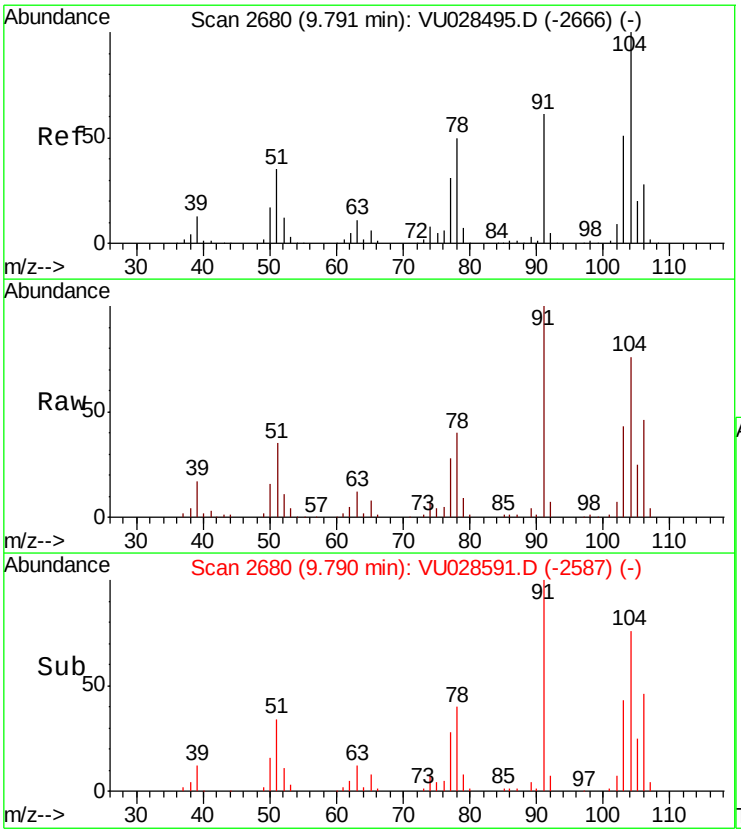
#69
o-Xylene
Concen: 24.832 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Instrument : MSVOA_U
ClientSampleId : P001-SW003-01

Tgt Ion:106 Resp: 48673

Ion	Ratio	Lower	Upper
106	100		
91	226.5	111.3	334.0

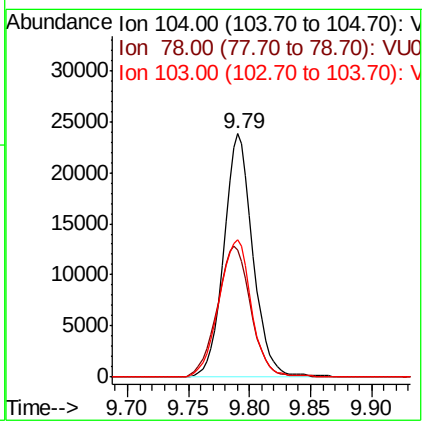


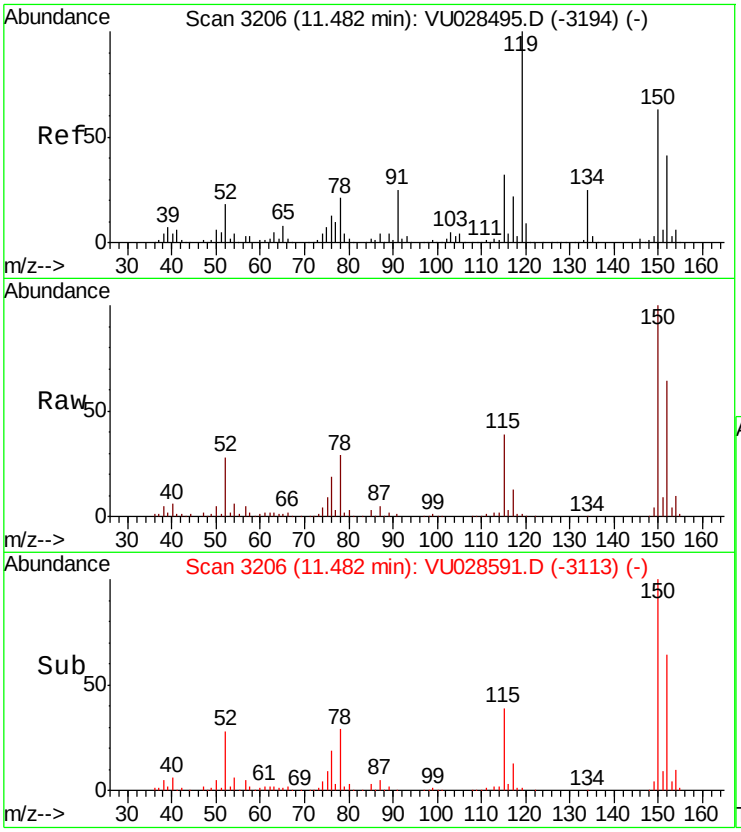


#70
Styrene
Concen: 12.193 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Tgt Ion:104 Resp: 39552

Ion	Ratio	Lower	Upper
104	100		
78	62.0	43.0	64.6
103	63.0	44.2	66.4



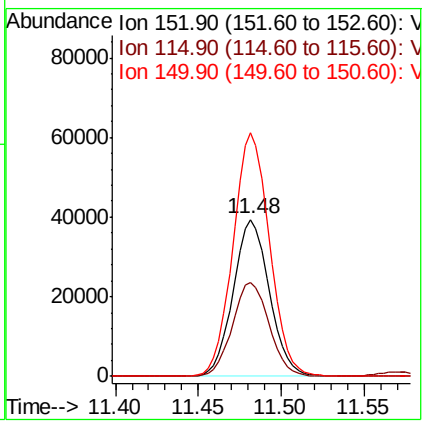


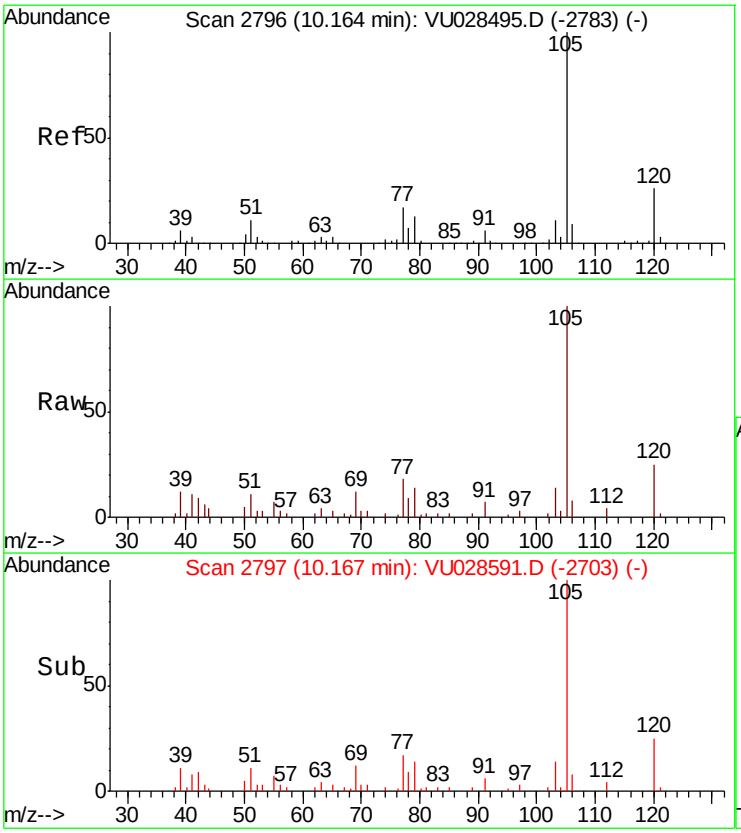
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Instrument : MSVOA_U
ClientSampleId : P001-SW003-01

Tgt Ion:152 Resp: 59679

Ion	Ratio	Lower	Upper
152	100		
115	61.0	42.7	128.1
150	156.8	0.0	346.0

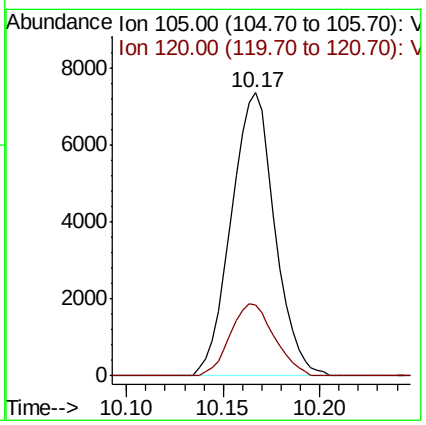


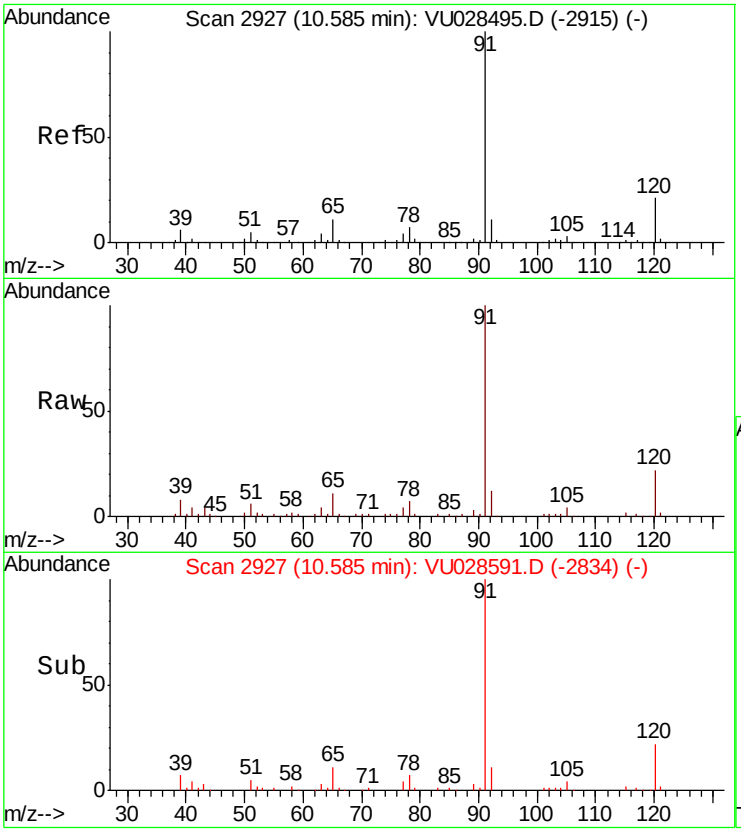


#73
Isopropylbenzene
Concen: 2.518 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Tgt Ion:105 Resp: 11532

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.9	38.6



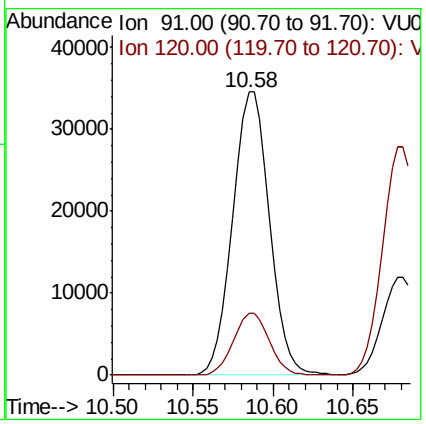


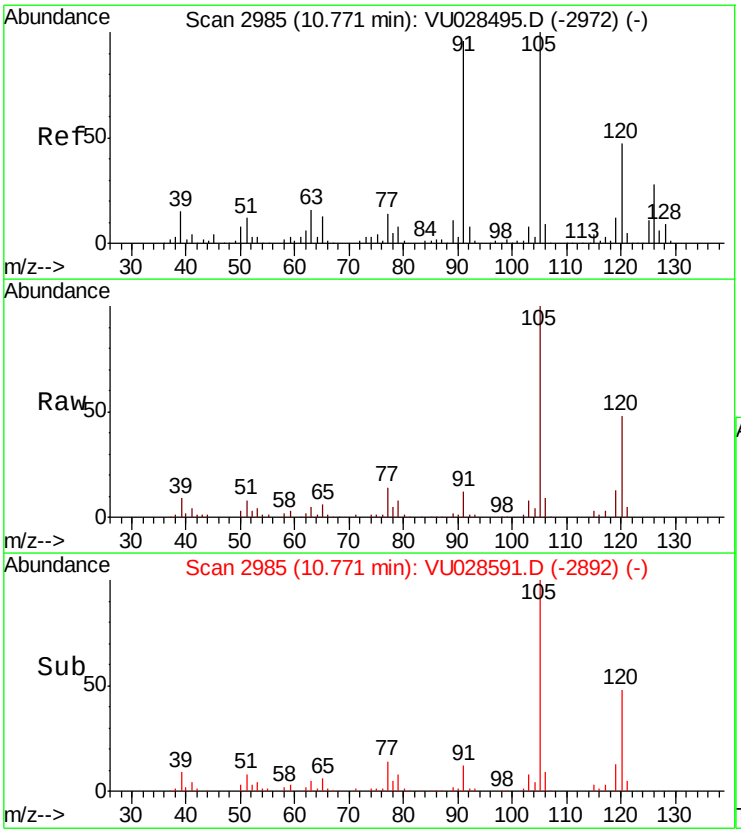
#78
n-propylbenzene
Concen: 9.529 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Instrument : MSVOA_U
ClientSampleId : P001-SW003-01

Tgt Ion: 91 Resp: 54223

Ion	Ratio	Lower	Upper
91	100		
120	21.1	10.6	31.8

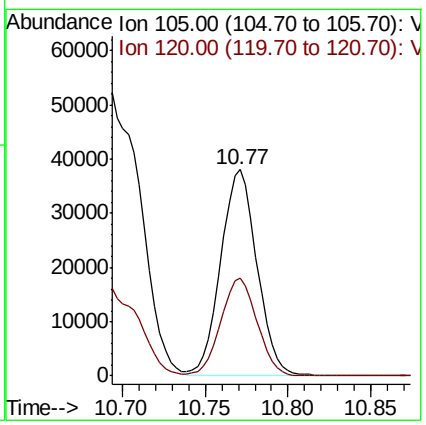


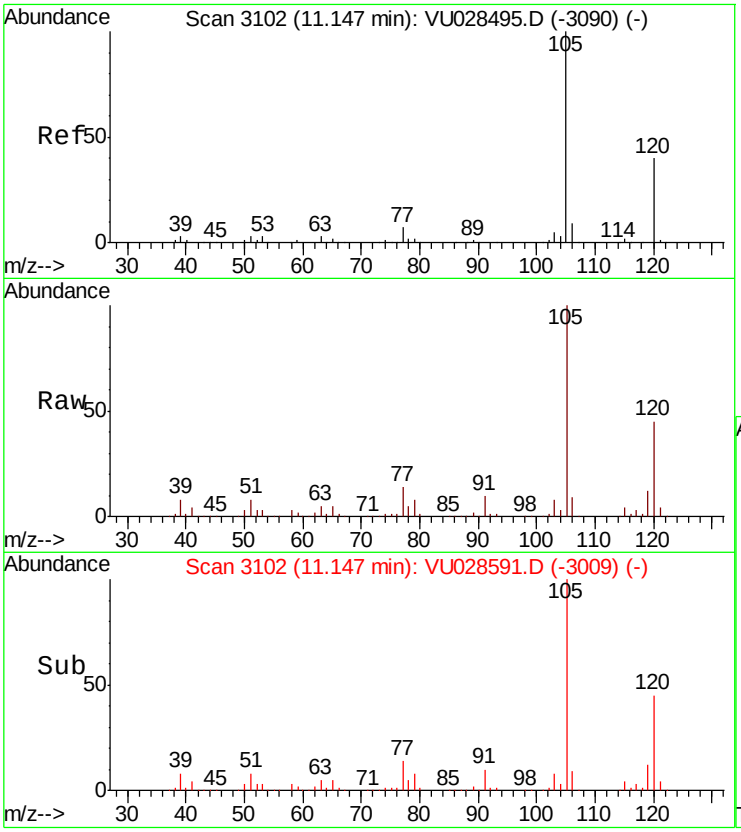


#80
1,3,5-Trimethylbenzene
Concen: 15.311 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Tgt Ion:105 Resp: 58040

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.7	71.1



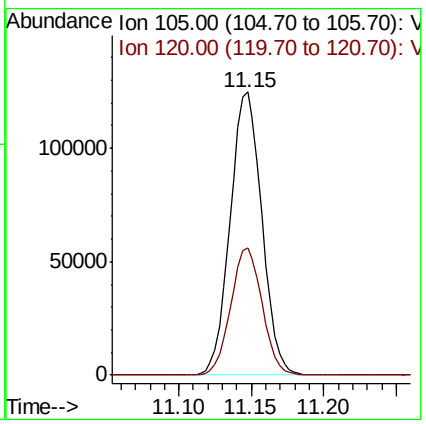


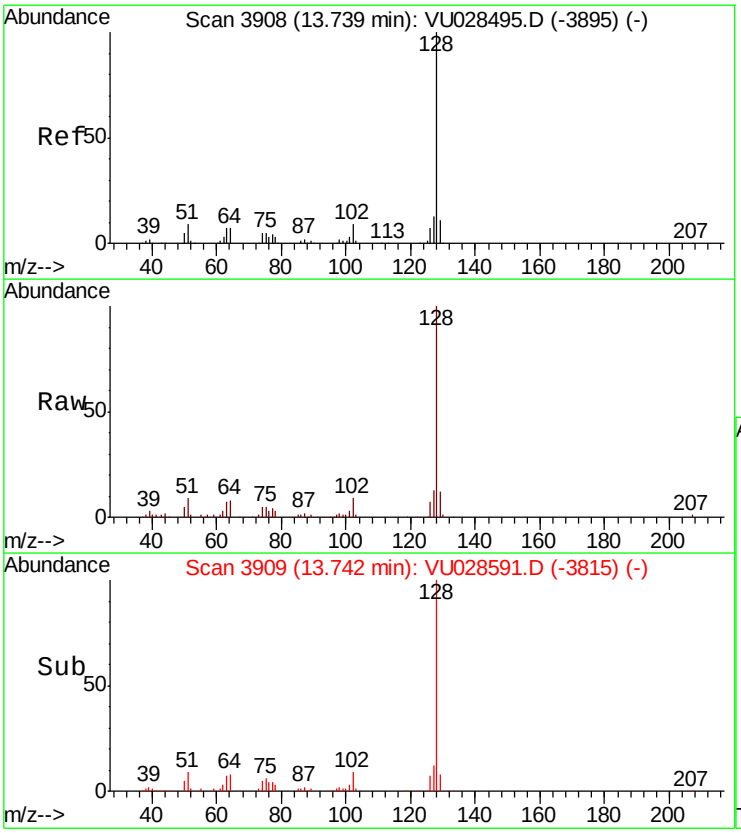
#84
1,2,4-Trimethylbenzene
Concen: 48.444 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Instrument :
MSVOA_U
ClientSampleId :
P001-SW003-01

Tgt Ion:105 Resp: 189250

Ion	Ratio	Lower	Upper
105	100		
120	44.4	21.8	65.4





#95
Naphthalene
Concen: 9.322 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028591.D
Acq: 11 Dec 2018 08:05

Tgt Ion:128 Resp: 45249

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.7	8.6	13.0