Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121118\
Data File : VU028593.D
Acq On : 11 Dec 2018 08:54
Operator : MD/SY
Sample : J6305-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : P001-SW004-01

Quant Time: Dec 11 11:41:03 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	84781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	158512	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	143428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	60446	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	72206	55.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.62%			
35) Dibromofluoromethane	4.88	113	52878	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.02%			
50) Toluene-d8	7.56	98	203990	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.38%			
62) 4-Bromofluorobenzene	10.30	95	69482	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.22%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	1851	0.886	ug/l	90
7) Trichlorofluoromethane	1.88	101	10126	6.384	ug/l	98
11) Tert butyl alcohol	2.83	59	2157	7.483	ug/l #	76
13) Acrolein	2.20	56	550	2.393	ug/l #	61
16) Acetone	2.32	43	144453	171.098	ug/l	100
17) Carbon Disulfide	2.47	76	3160	0.929	ug/l	95
18) Methyl Acetate	2.62	43	5642	2.578	ug/l	94
24) 1,1-Dichloroethane	3.45	63	782	0.344	ug/l #	85
25) 2-Butanone	4.27	43	24439	21.182	ug/l	98
29) Tetrahydrofuran	4.65	42	1436	1.938	ug/l #	77
31) Cyclohexane	4.98	56	2156	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7660	4.416	ug/l #	49
37) Ethyl Acetate	4.27	43	24439	10.899	ug/l #	70
38) Carbon Tetrachloride	4.98	117	9072	6.489	ug/l #	16
40) Benzene	5.39	78	8646	1.692	ug/l	97
41) Methacrylonitrile	4.59	41	343	0.279	ug/l #	25
49) 1,4-Dioxane	6.62	88	405	14.543	ug/l #	74
51) 4-Methyl-2-Pentanone	7.46	43	5144	2.300	ug/l	92
52) Toluene	7.64	92	3431	1.141	ug/l	85
59) 2-Hexanone	8.37	43	1065	0.601	ug/l	100
67) Ethyl Benzene	9.25	91	3780	0.673	ug/l	95
68) m/p-Xylenes	9.37	106	2631	1.287	ug/l	97
69) o-Xylene	9.78	106	788	0.397	ug/l	74
70) Styrene	9.80	104	2363	0.719	ug/l	91
76) 1,2,3-Trichloropropane	10.30	75	36751	23.810	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.77	105	1394	0.363	ug/l	96
81) trans-1,4-Dichloro-2-buten	10.30	75	36751	58.452	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	3154	0.797	ug/l	94
85) sec-Butylbenzene	11.15	105	3154	0.663	ug/l #	59
95) Naphthalene	13.74	128	6265	1.274	ug/l	100

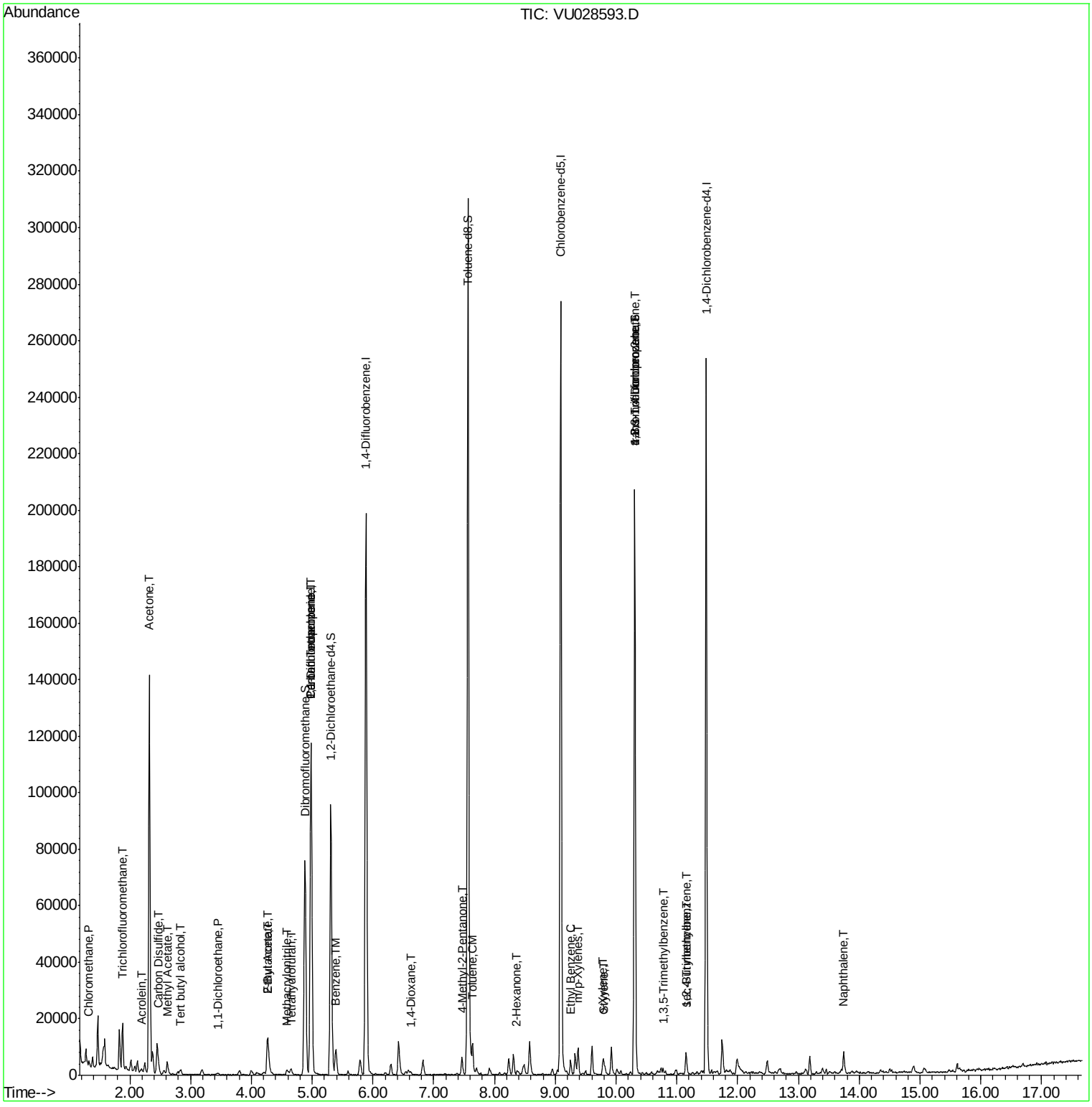
(#) = qualifier out of range (m) = manual integration (+) = signals summed

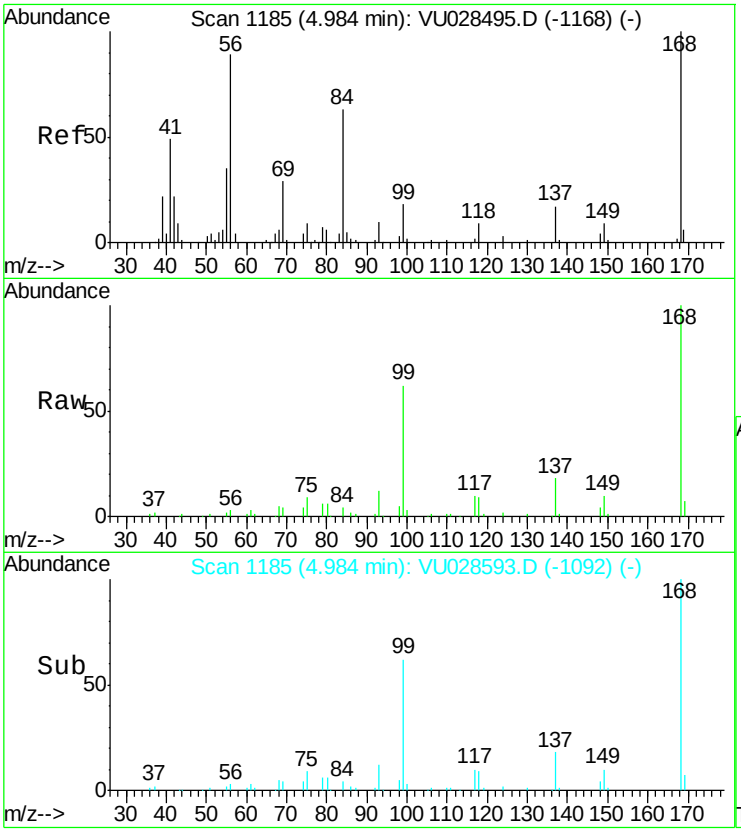
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
Data File : VU028593.D
Acq On : 11 Dec 2018 08:54
Operator : MD/SY
Sample : J6305-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Quant Time: Dec 11 11:41:03 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



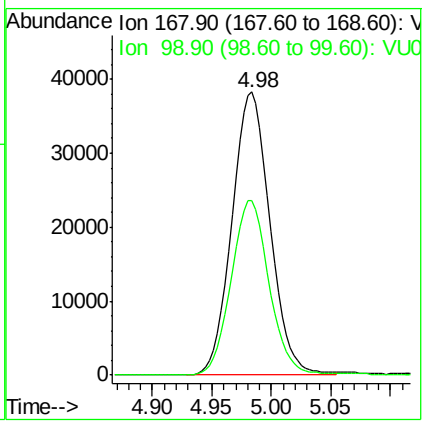


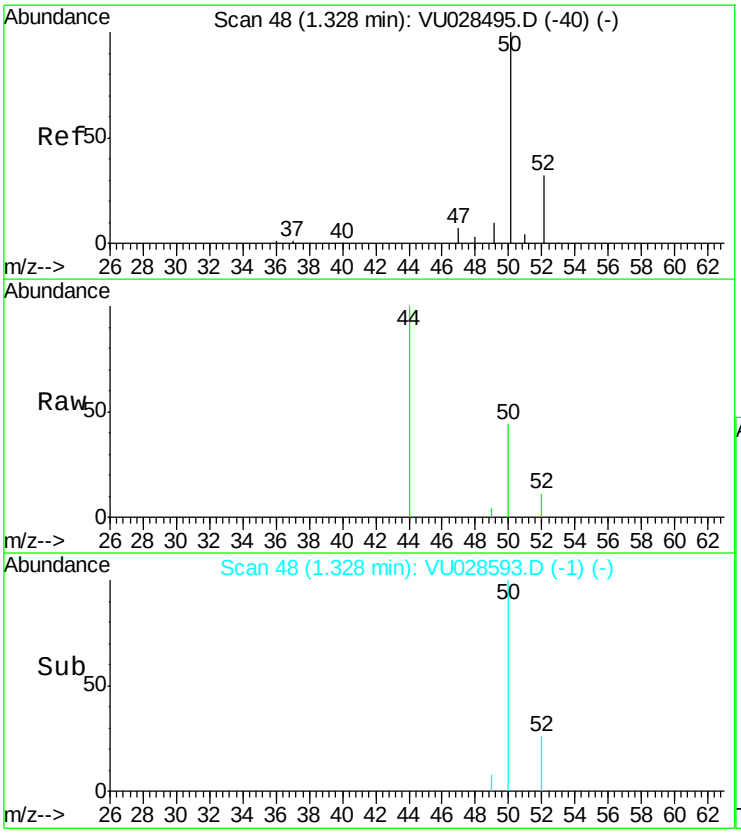
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Tgt Ion:168 Resp: 84781

Ion	Ratio	Lower	Upper
168	100		
99	61.6	46.6	69.8

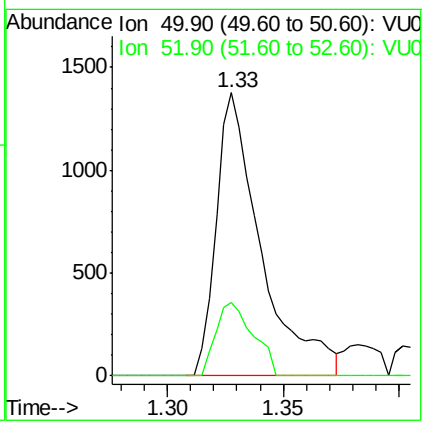


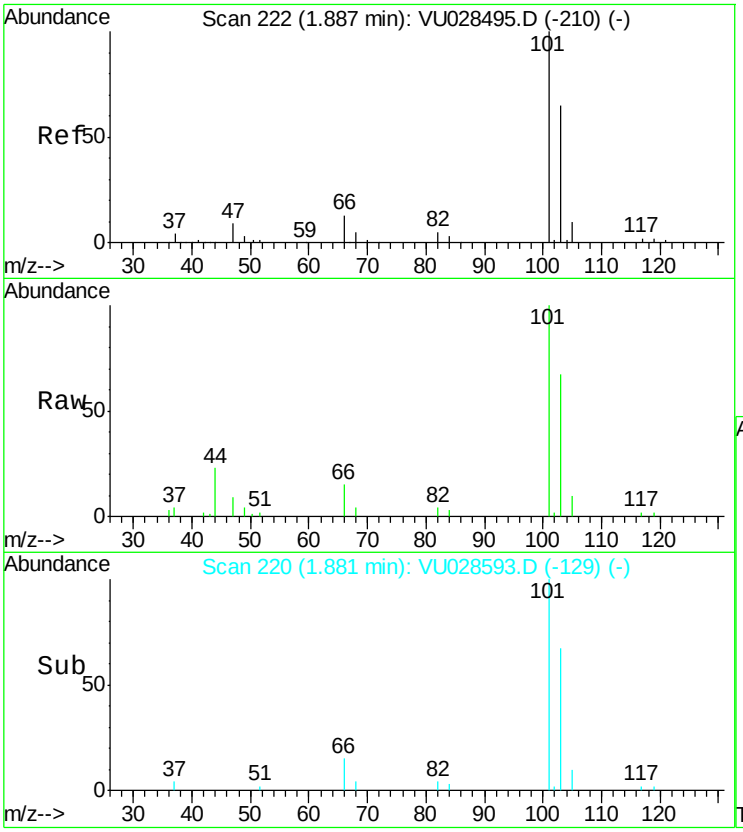


#3
Chloromethane
Concen: 0.886 ug/l
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion: 50 Resp: 1851

Ion	Ratio	Lower	Upper
50	100		
52	26.1	25.5	38.3

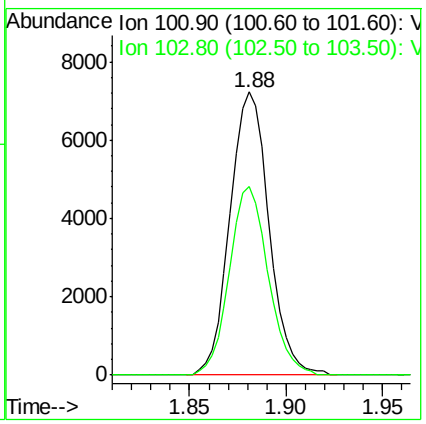




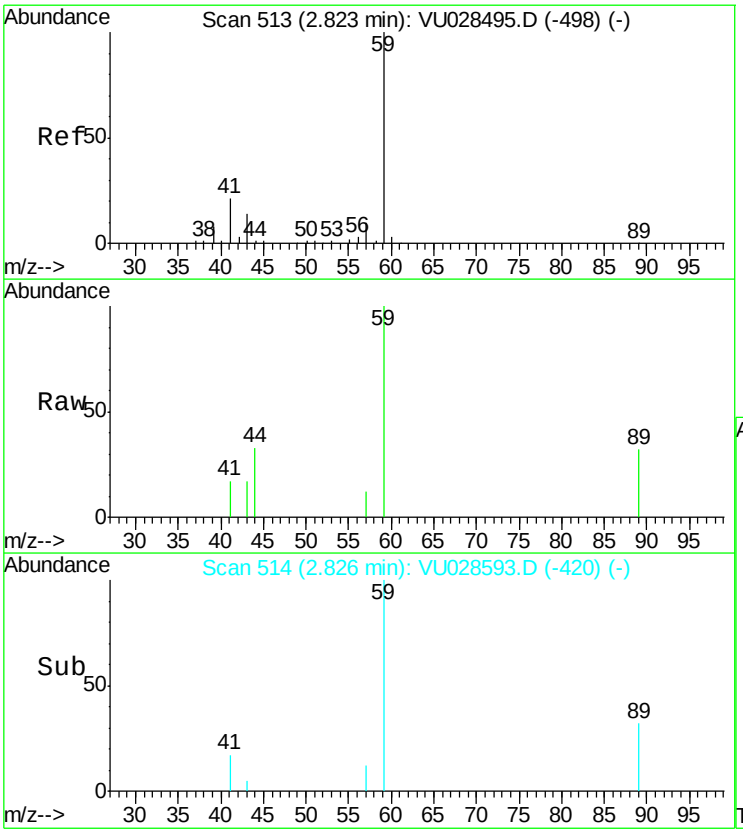
#7
Trichlorofluoromethane
Concen: 6.384 ug/l
RT: 1.88 min Scan# 220
Delta R.T. -0.01 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion:101 Resp: 10126

Ion	Ratio	Lower	Upper
101	100		
103	66.6	52.3	78.5



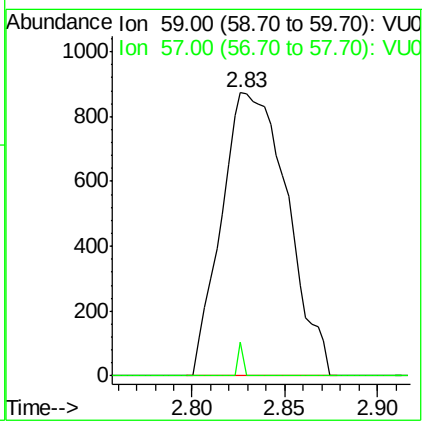
Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

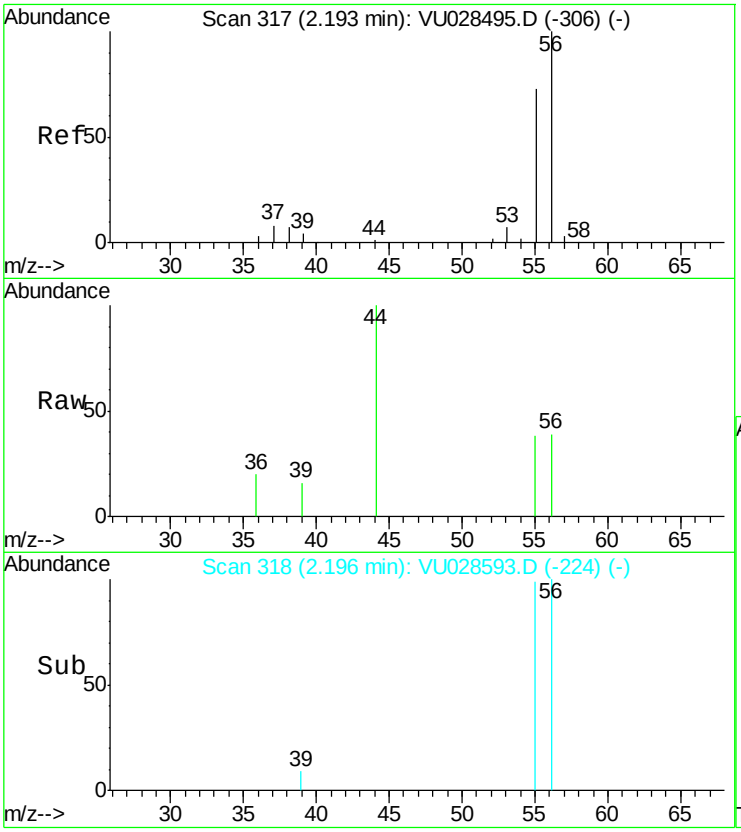


#11
Tert butyl alcohol
Concen: 7.483 ug/l
RT: 2.83 min Scan# 514
Delta R.T. 0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion: 59 Resp: 2157

Ion	Ratio	Lower	Upper
59	100		
57	0.9	8.0	12.0#



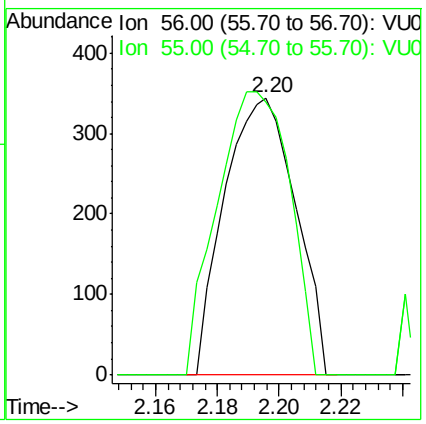


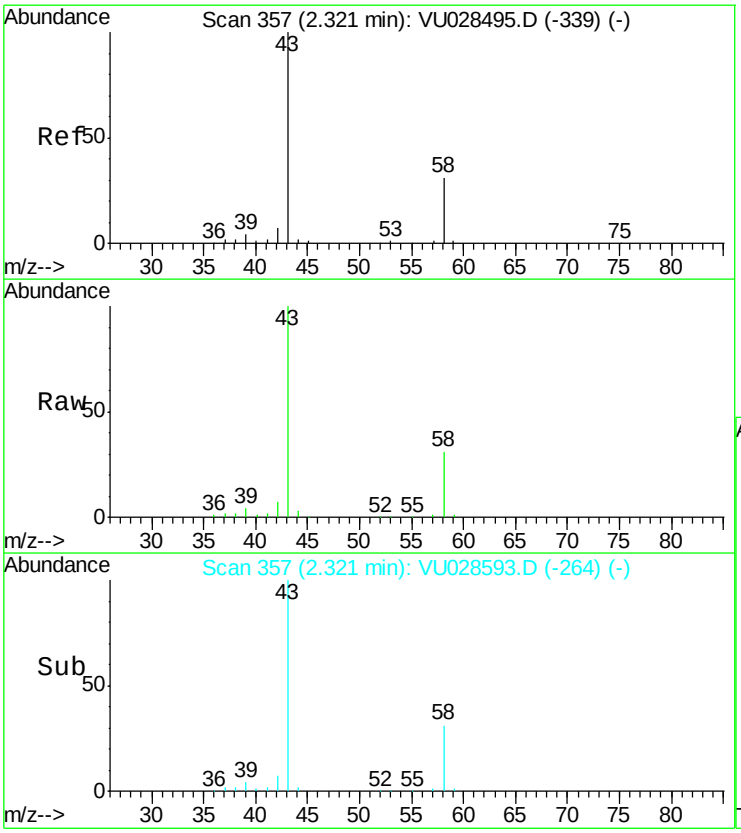
#13
Acrolein
Concen: 2.393 ug/l
RT: 2.20 min Scan# 318
Delta R.T. 0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Tgt Ion: 56 Resp: 550

Ion	Ratio	Lower	Upper
56	100		
55	104.5	57.5	86.3#

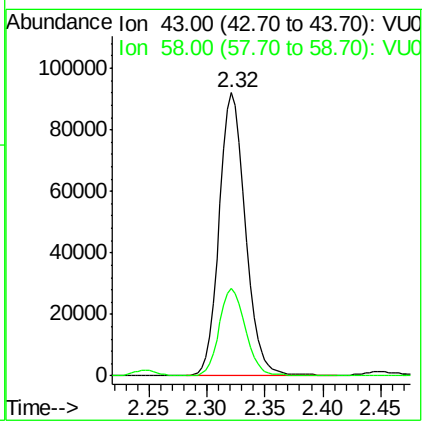


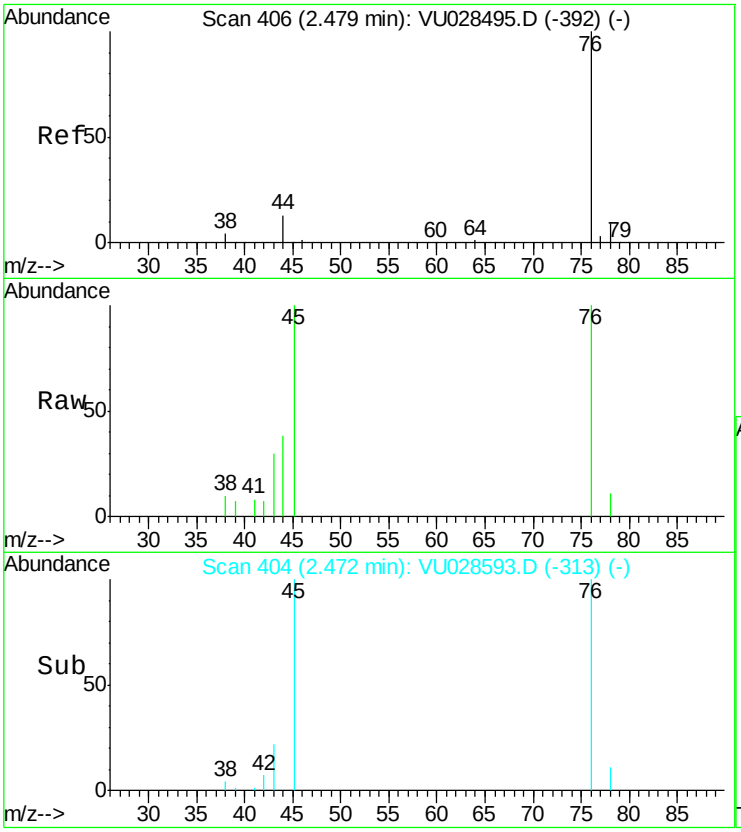


#16
Acetone
Concen: 171.098 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion: 43 Resp: 144453

Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.6	37.0



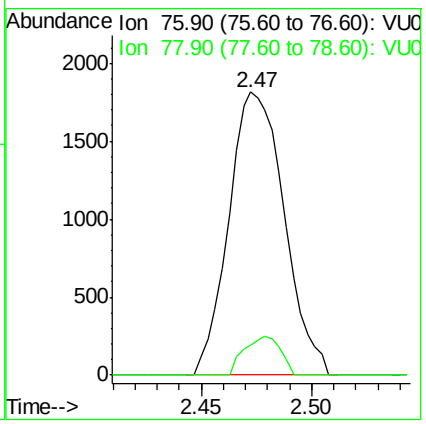


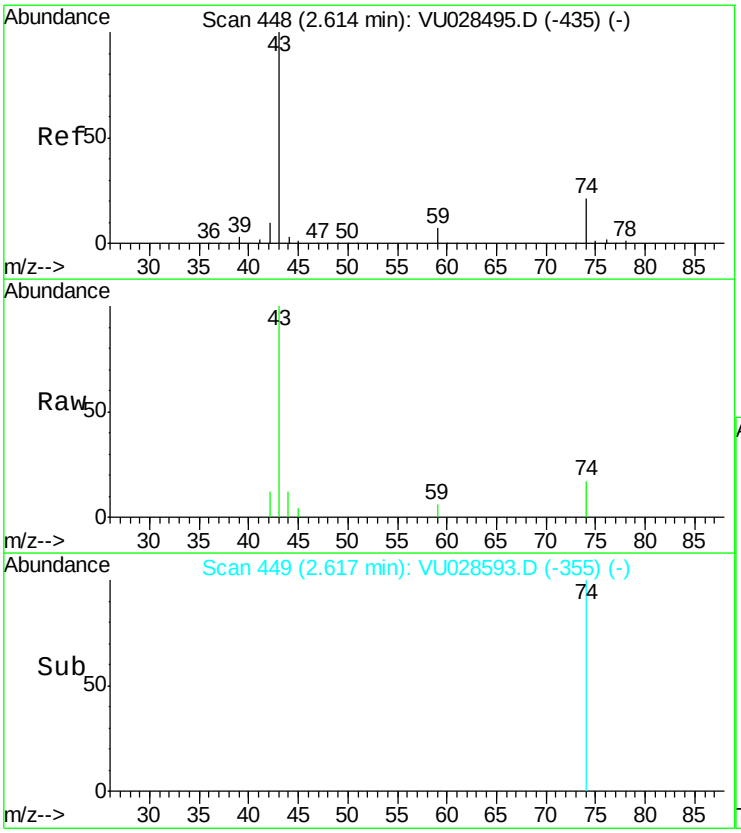
#17
Carbon Disulfide
Concen: 0.929 ug/l
RT: 2.47 min Scan# 404
Delta R.T. -0.01 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Tgt Ion: 76 Resp: 3160

Ion	Ratio	Lower	Upper
76	100		
78	10.8	7.2	10.8

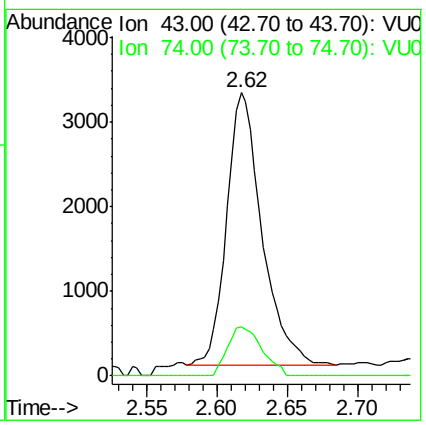


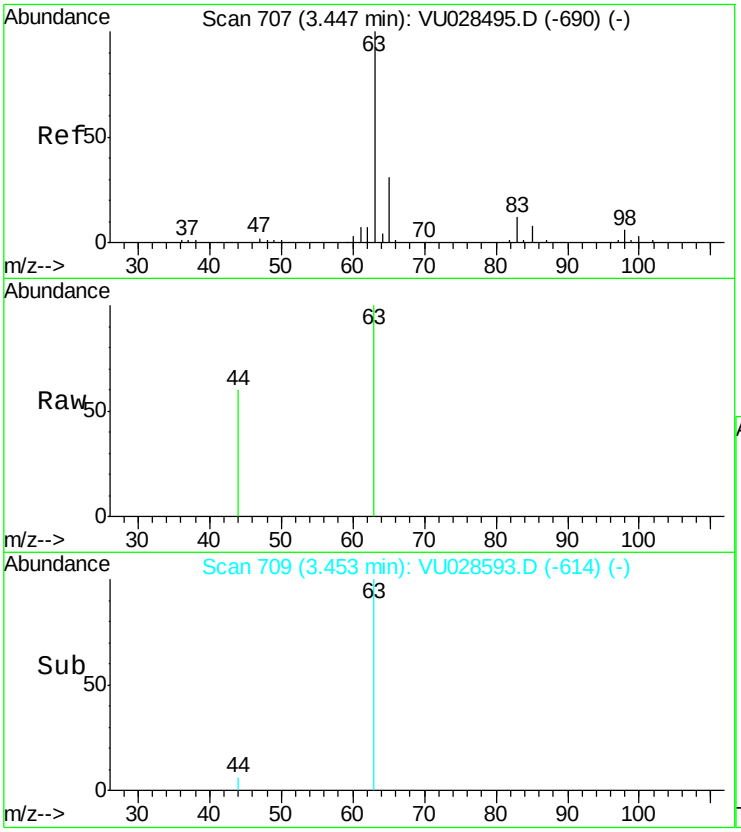


#18
Methyl Acetate
Concen: 2.578 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion: 43 Resp: 5642

Ion	Ratio	Lower	Upper
43	100		
74	17.5	16.4	24.6



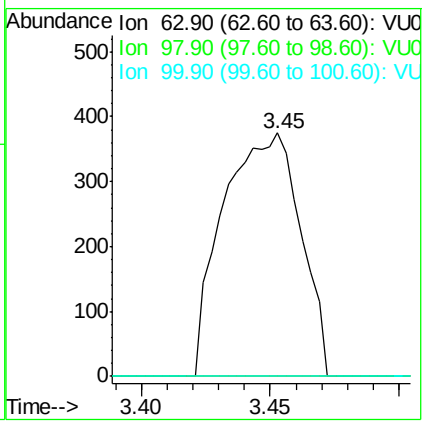


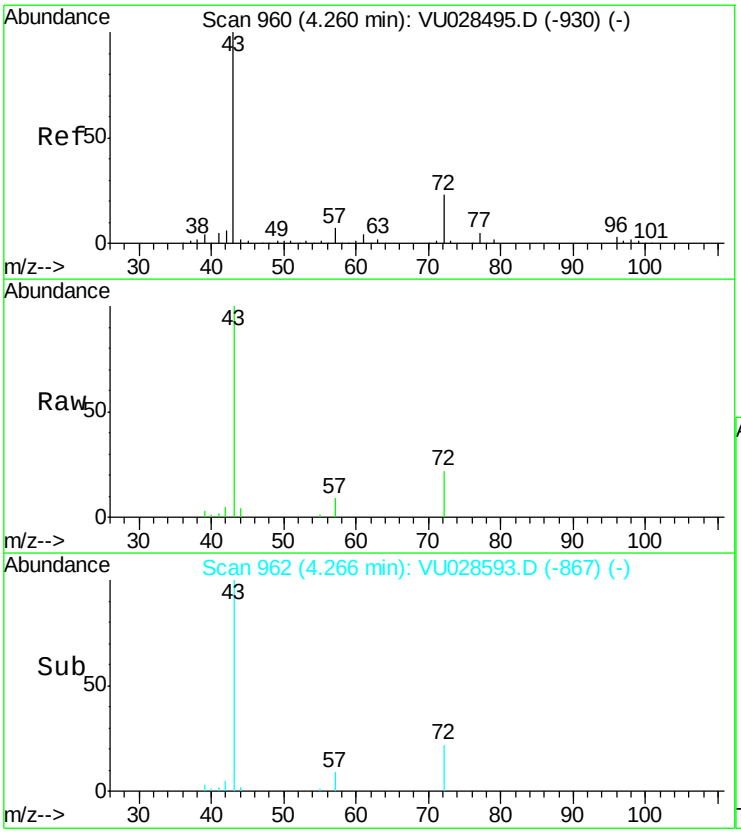
#24
1,1-Dichloroethane
Concen: 0.344 ug/l
RT: 3.45 min Scan# 709
Delta R.T. 0.01 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument : MSVOA_U
ClientSampleId : P001-SW004-01

Tgt Ion: 63 Resp: 782

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.0	9.2#
100	0.0	1.7	5.1#

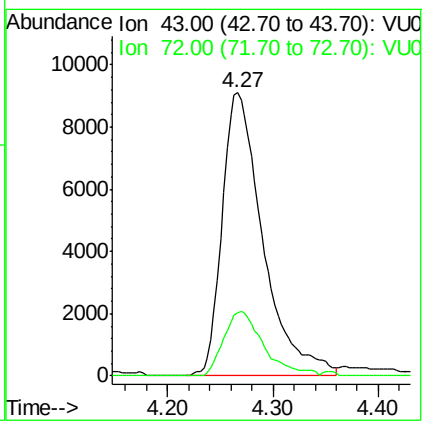


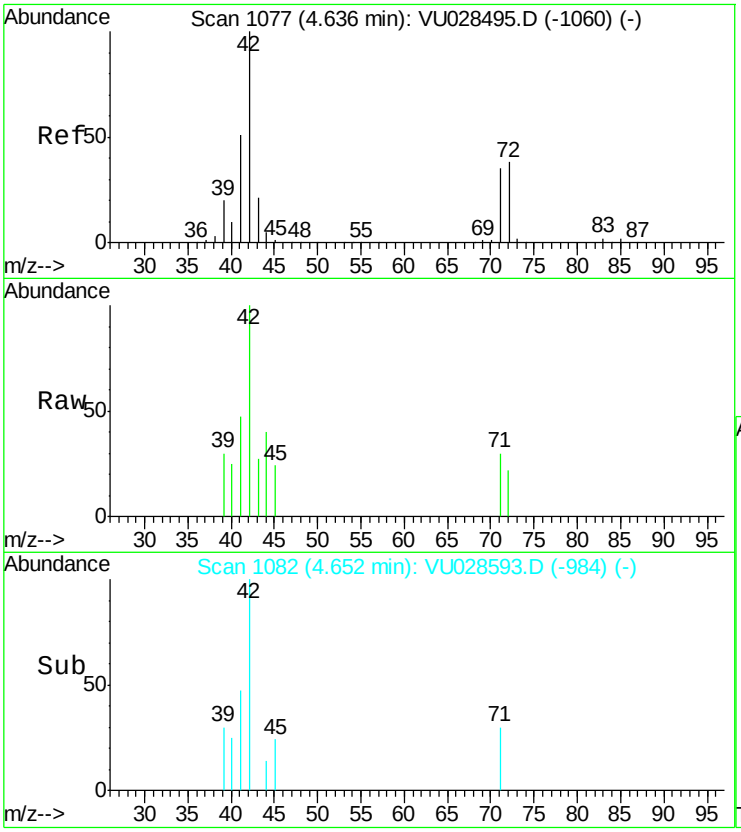


#25
2-Butanone
Concen: 21.182 ug/l
RT: 4.27 min Scan# 962
Delta R.T. 0.01 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion: 43 Resp: 24439

Ion	Ratio	Lower	Upper
43	100		
72	22.4	18.6	28.0



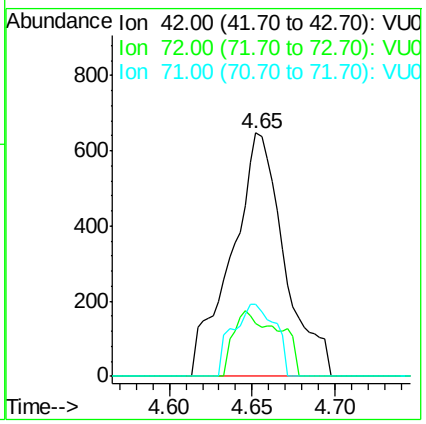


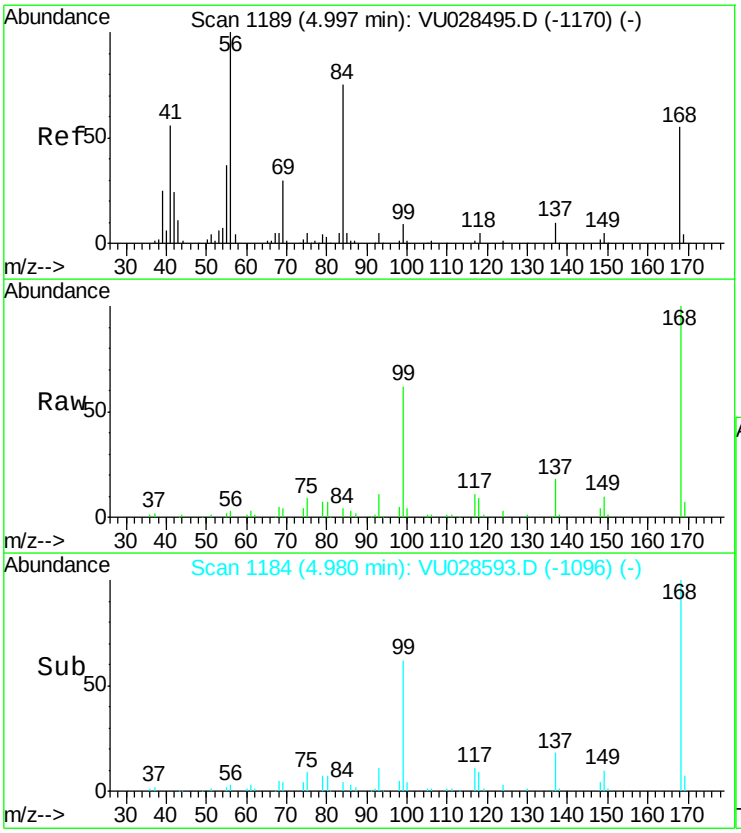
#29
Tetrahydrofuran
Concen: 1.938 ug/l
RT: 4.65 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Tgt Ion: 42 Resp: 1436

Ion	Ratio	Lower	Upper
42	100		
72	23.4	31.4	47.0#
71	23.7	28.6	43.0#

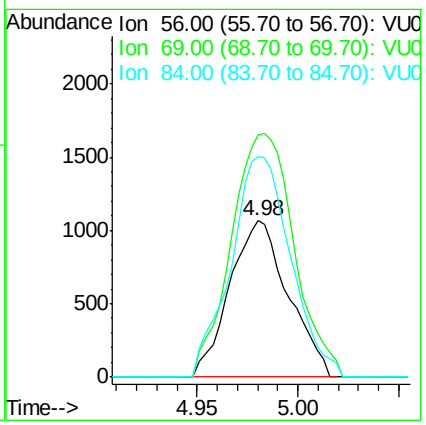


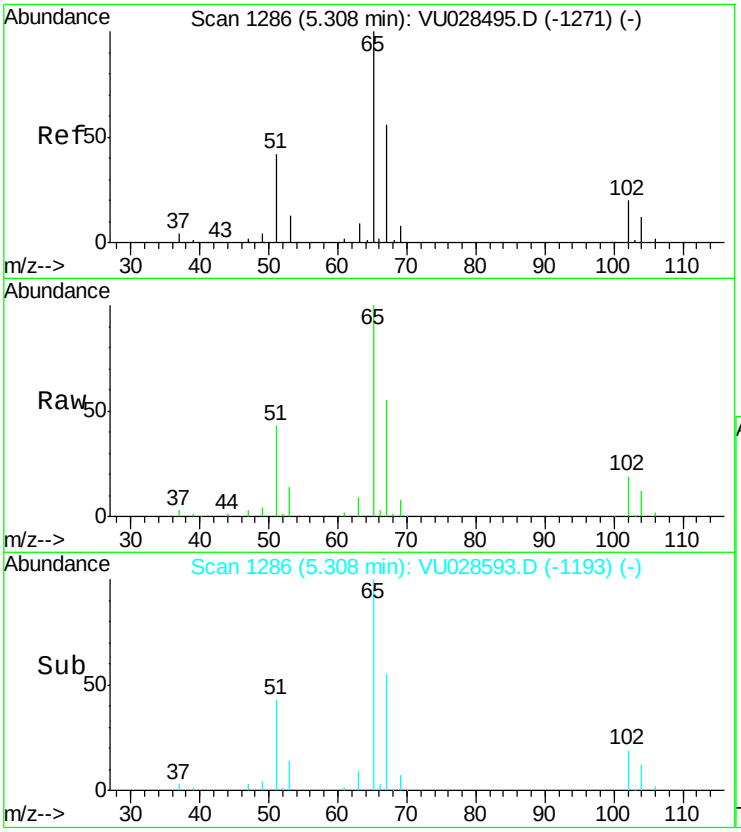


#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion: 56 Resp: 2156

Ion	Ratio	Lower	Upper
56	100		
69	154.8	24.0	36.0#
84	141.1	59.7	89.5#



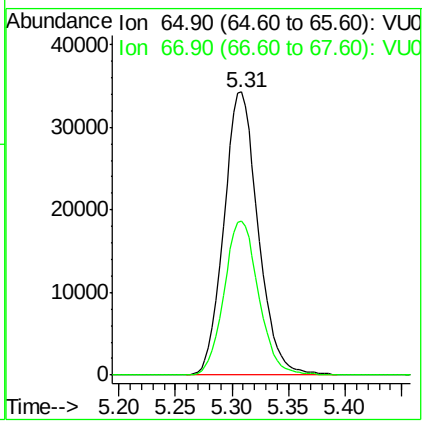


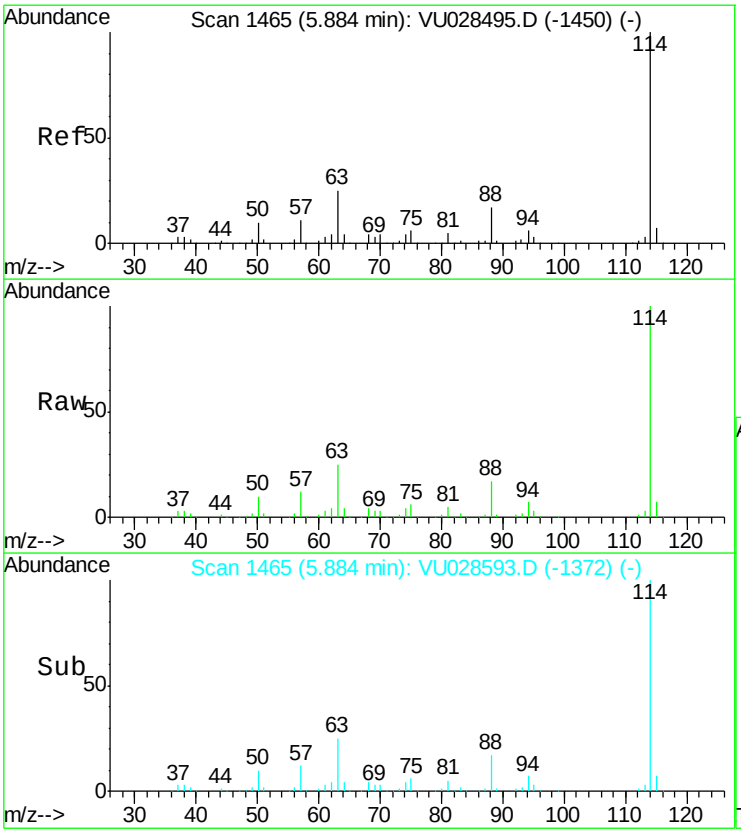
#33
1,2-Dichloroethane-d4
Concen: 55.809 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Tgt Ion: 65 Resp: 72206

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	110.6

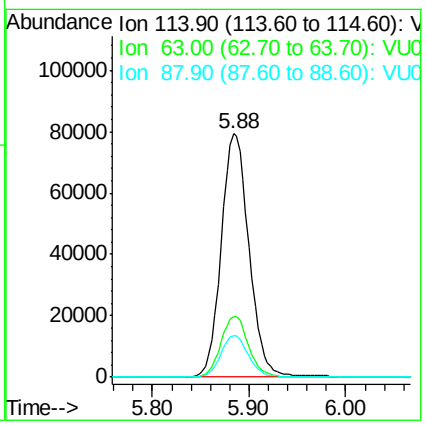


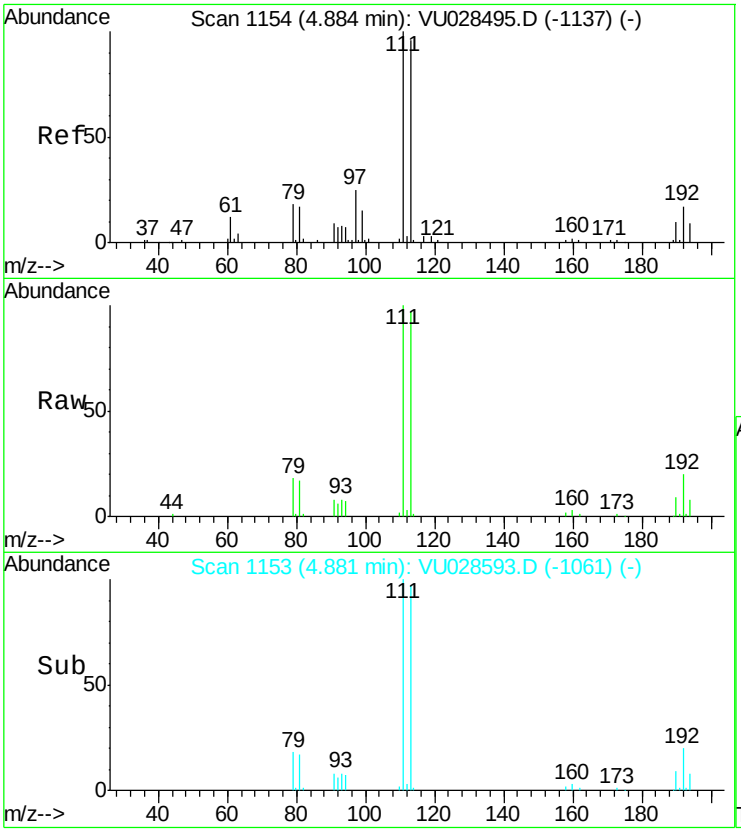


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion:114 Resp: 158512

Ion	Ratio	Lower	Upper
114	100		
63	25.1	0.0	49.2
88	17.2	0.0	33.4



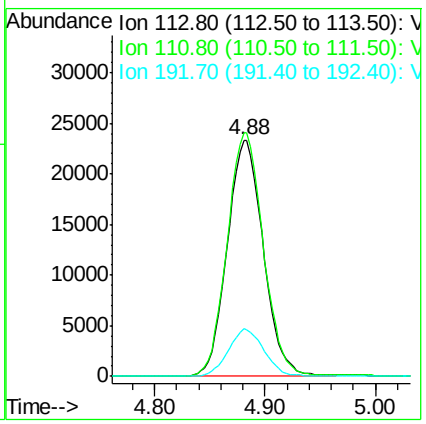


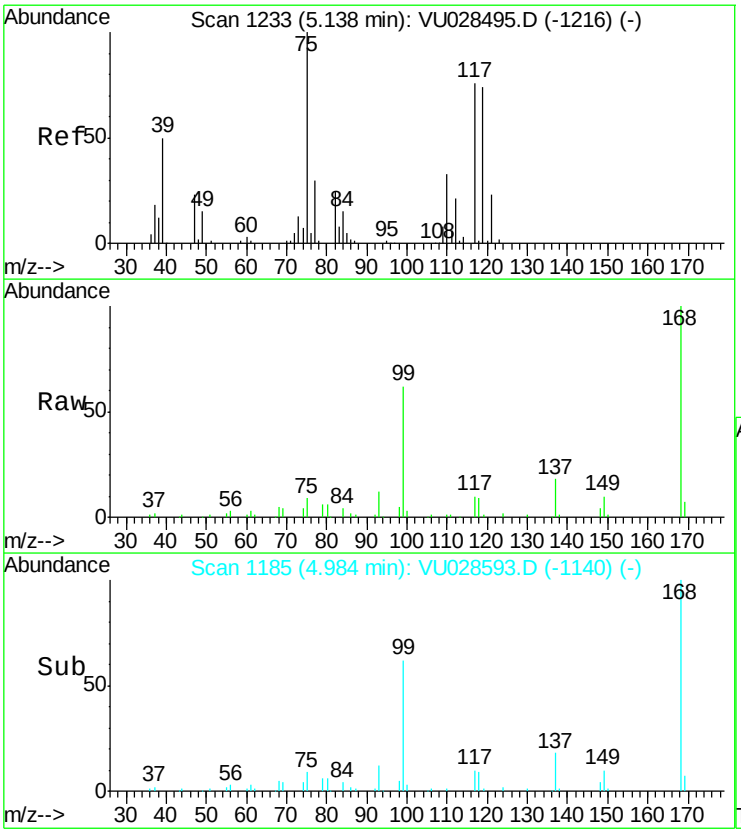
#35
Dibromofluoromethane
Concen: 53.009 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Tgt Ion:113 Resp: 52878

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.0
192	19.7	14.8	22.2

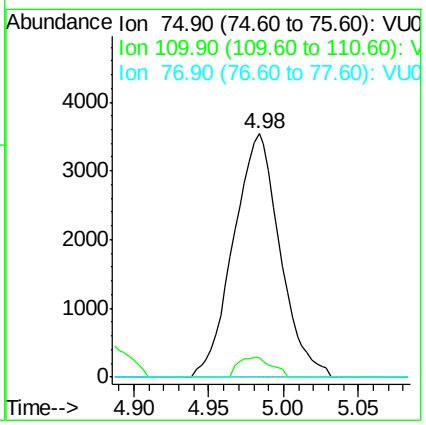


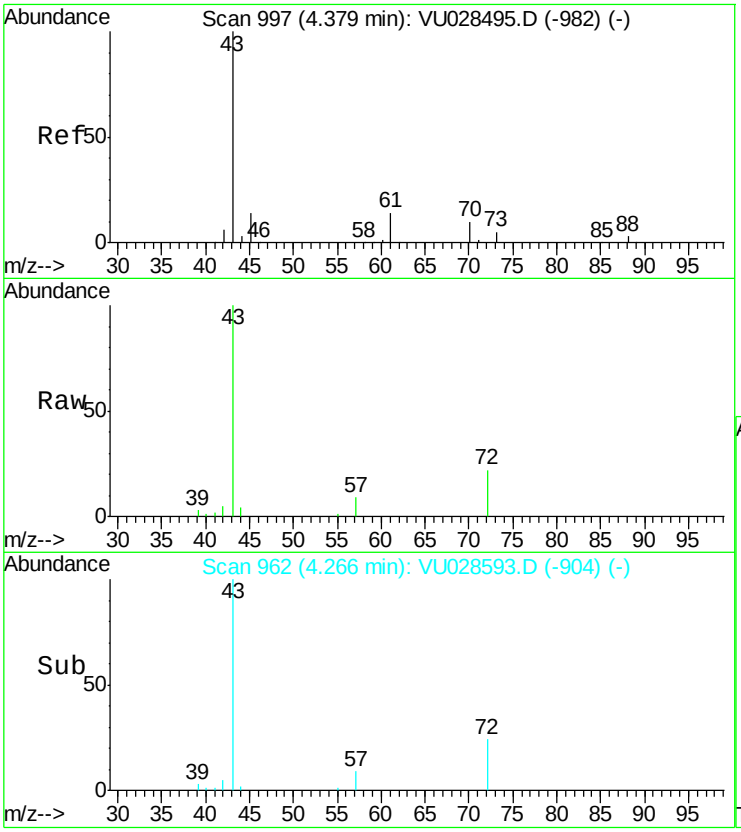


#36
1,1-Dichloropropene
Concen: 4.416 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion: 75 Resp: 7660

Ion	Ratio	Lower	Upper
75	100		
110	5.8	16.1	48.2#
77	0.0	24.5	36.7#



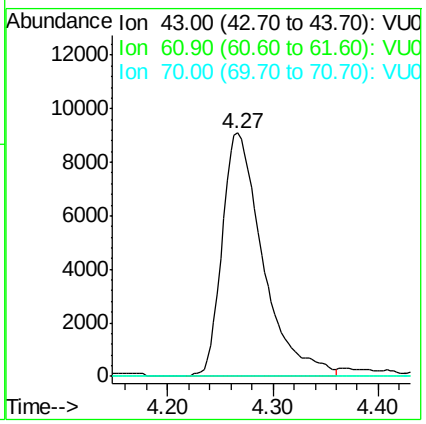


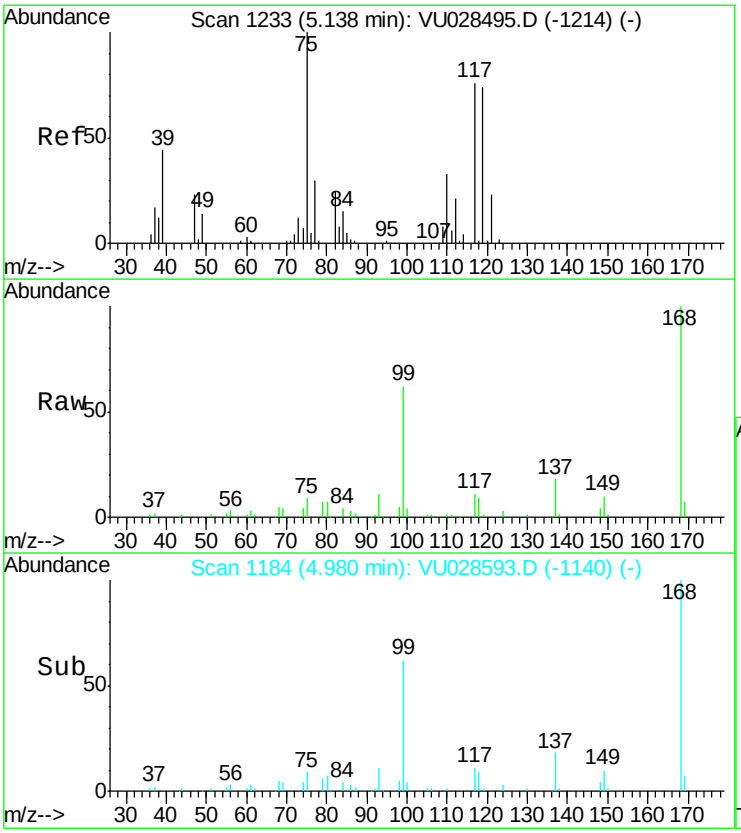
#37
Ethyl Acetate
Concen: 10.899 ug/l
RT: 4.27 min Scan# 962
Delta R.T. -0.11 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument : MSVOA_U
ClientSampleId : P001-SW004-01

Tgt Ion: 43 Resp: 24439

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	0.0	7.4	11.0#

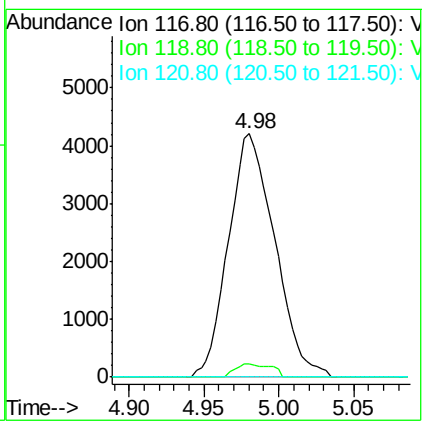


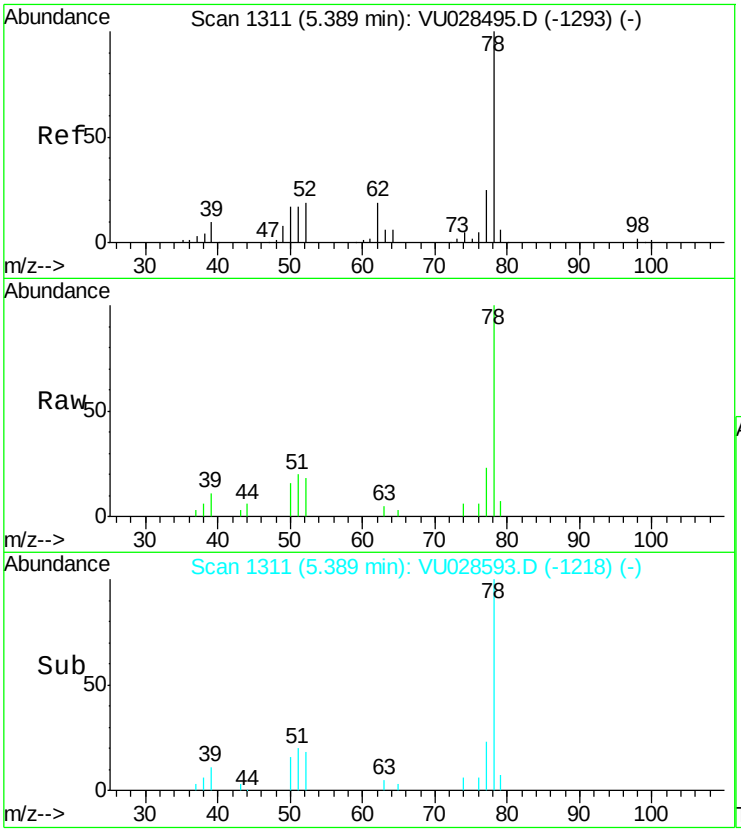


#38
Carbon Tetrachloride
Concen: 6.489 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.16 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion:117 Resp: 9072

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.6	116.4#
121	0.0	24.6	36.8#



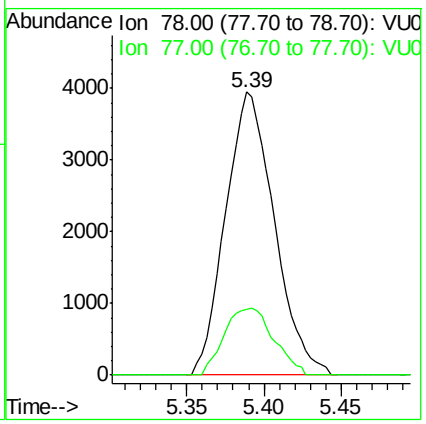


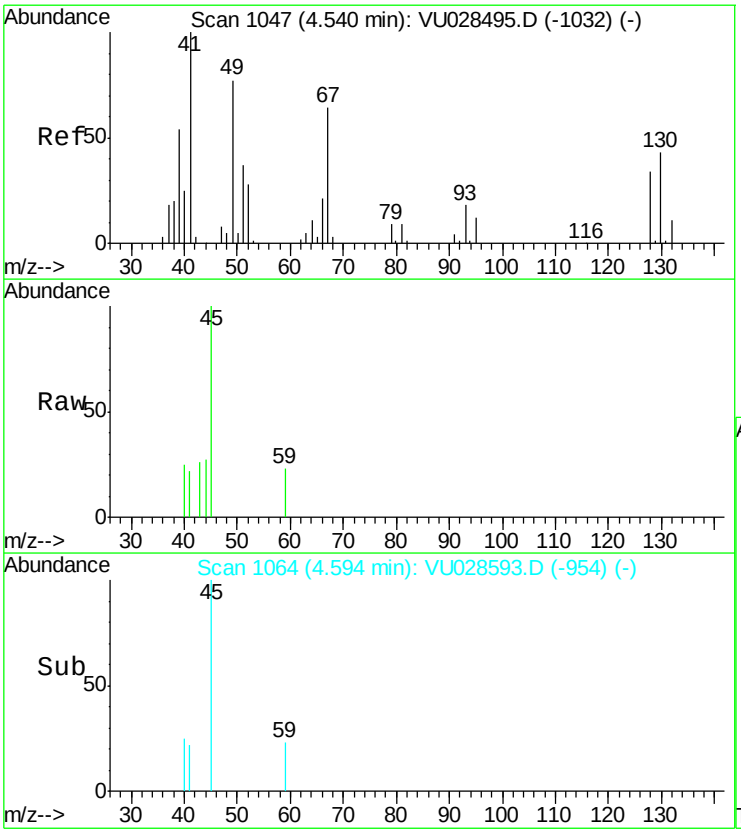
#40
Benzene
Concen: 1.692 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Tgt Ion: 78 Resp: 8646

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.9	29.9

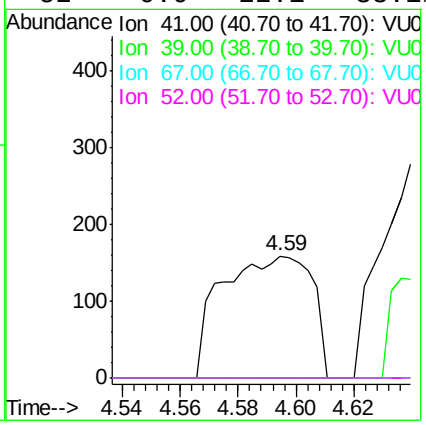


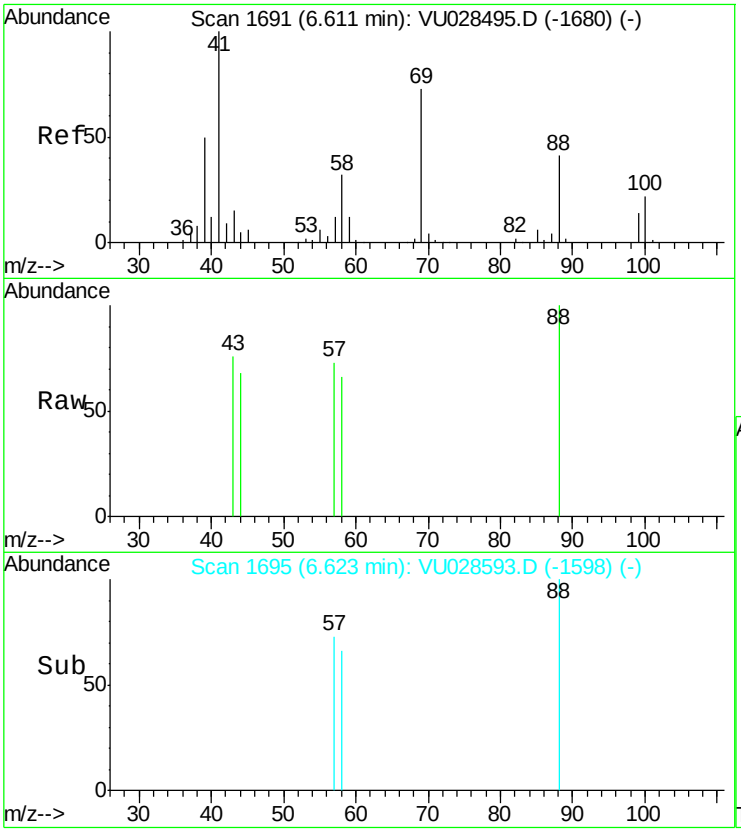


#41
Methacrylonitrile
Concen: 0.279 ug/l
RT: 4.59 min Scan# 1064
Delta R.T. 0.05 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion: 41 Resp: 343

Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.3	64.9#
67	0.0	53.6	80.4#
52	0.0	22.1	33.1#



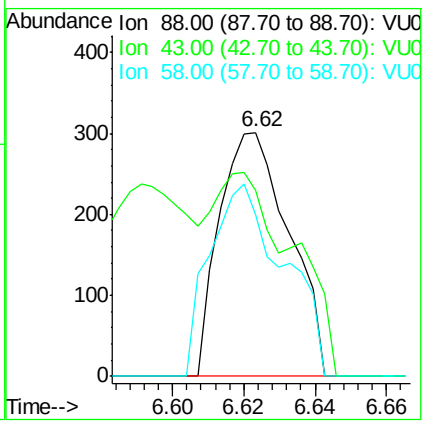


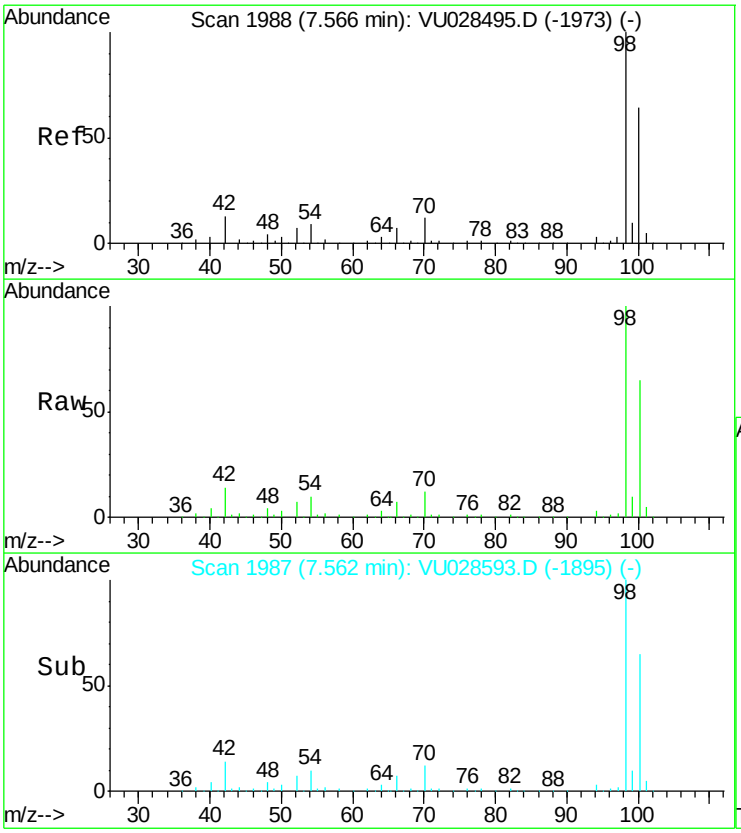
#49
1,4-Dioxane
Concen: 14.543 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Tgt Ion: 88 Resp: 405

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.9	46.3#
58	84.4	62.4	93.6

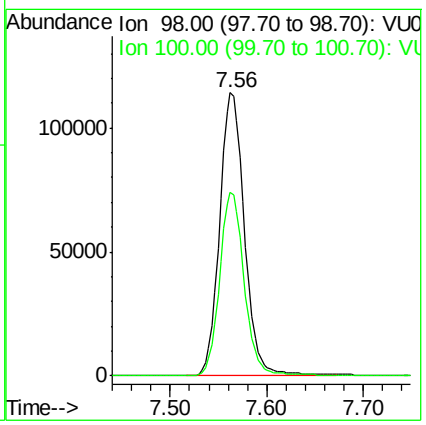


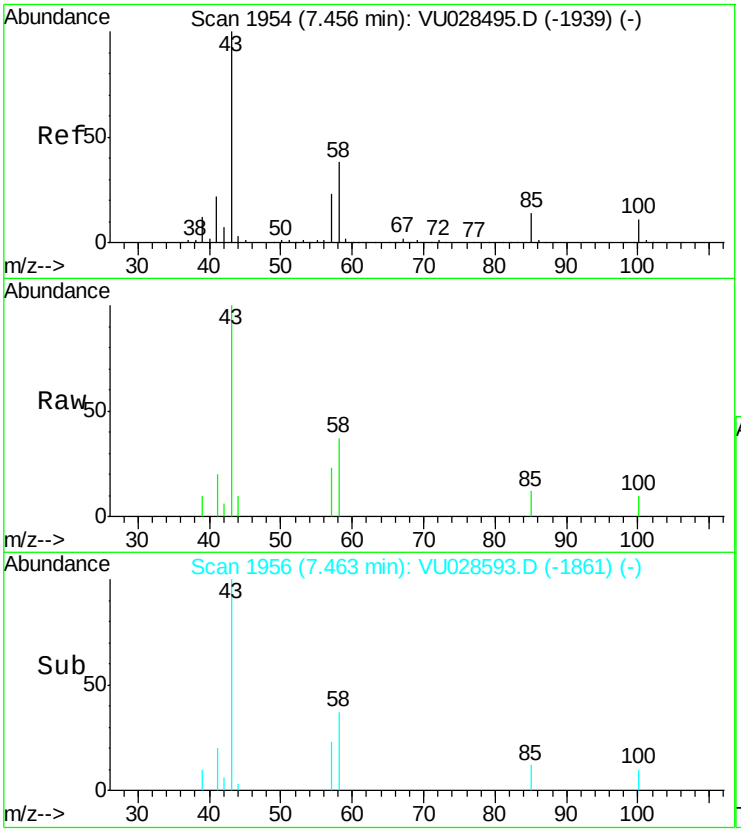


#50
Toluene-d8
Concen: 51.695 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion: 98 Resp: 203990

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.0	76.6



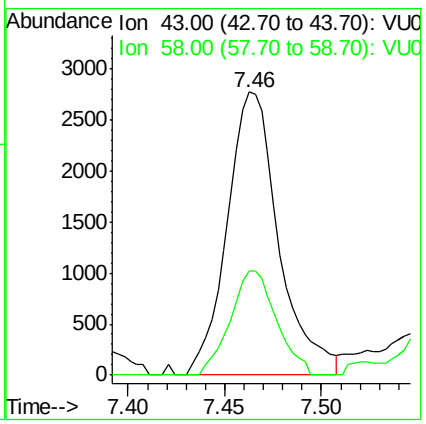


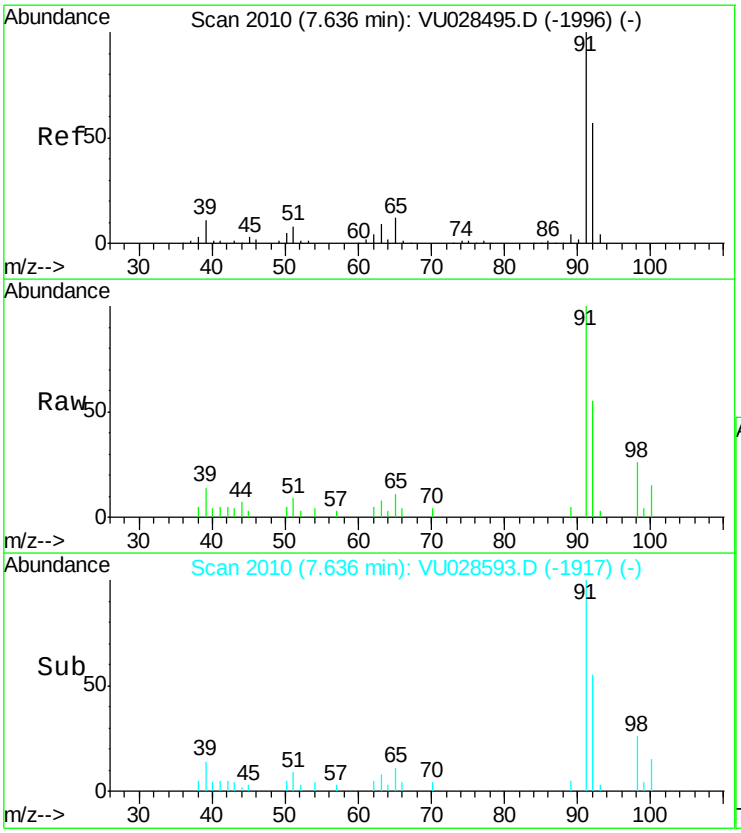
#51
4-Methyl-2-Pentanone
Concen: 2.300 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. 0.01 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Tgt Ion: 43 Resp: 5144

Ion	Ratio	Lower	Upper
43	100		
58	33.0	30.2	45.2

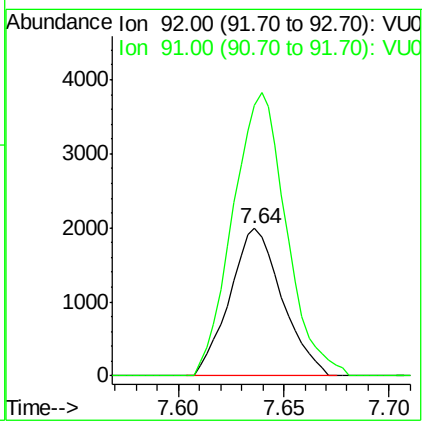


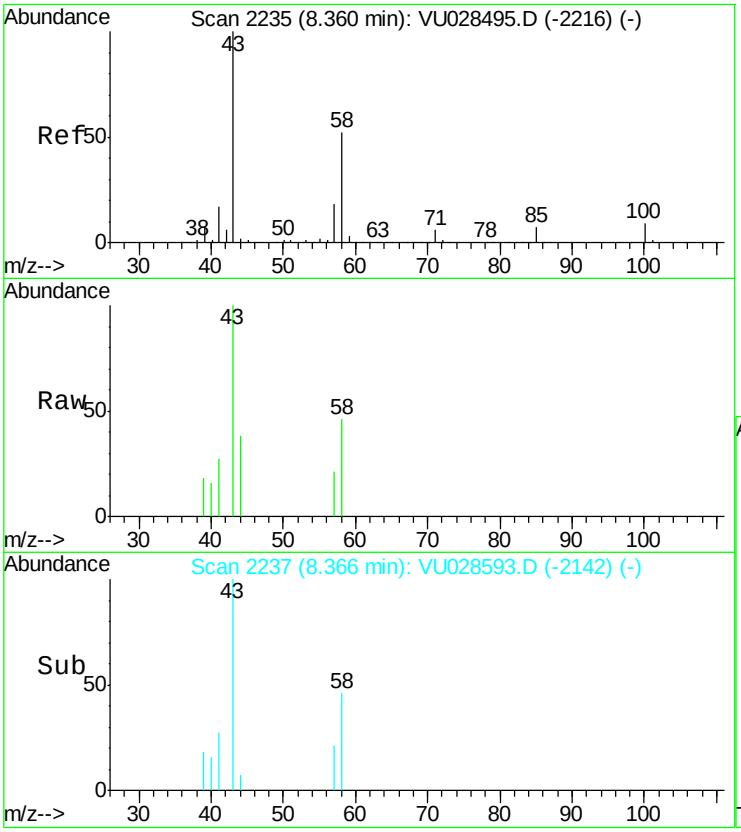


#52
Toluene
Concen: 1.141 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion: 92 Resp: 3431

Ion	Ratio	Lower	Upper
92	100		
91	196.6	140.2	210.4



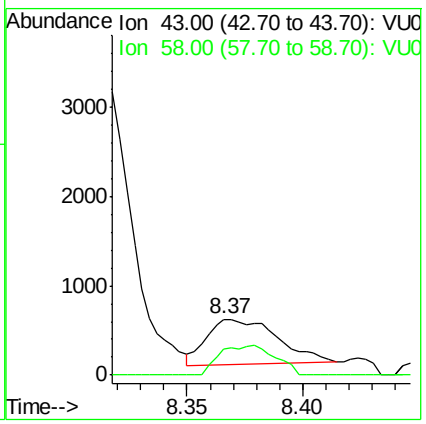


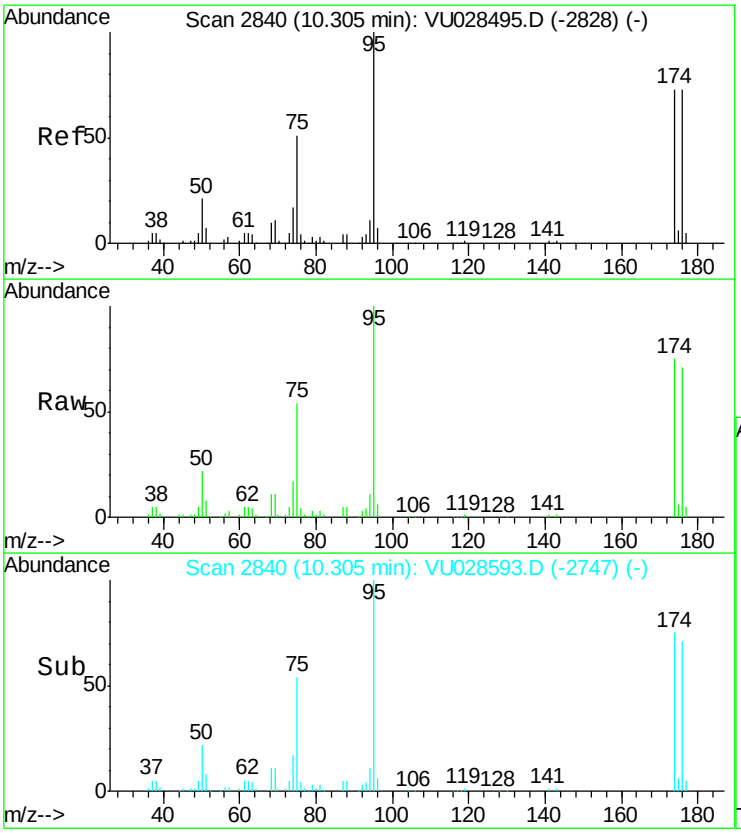
#59
2-Hexanone
Concen: 0.601 ug/l
RT: 8.37 min Scan# 2237
Delta R.T. 0.01 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument : MSVOA_U
ClientSampleId : P001-SW004-01

Tgt Ion: 43 Resp: 1065

Ion	Ratio	Lower	Upper
43	100		
58	52.0	25.9	77.6

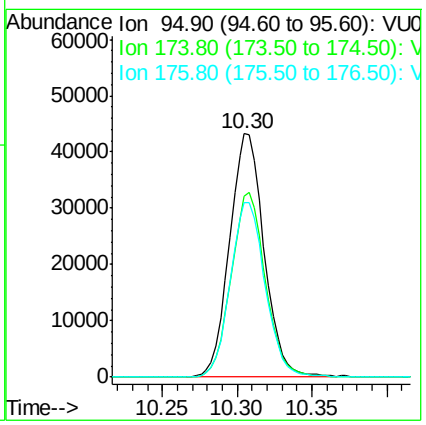


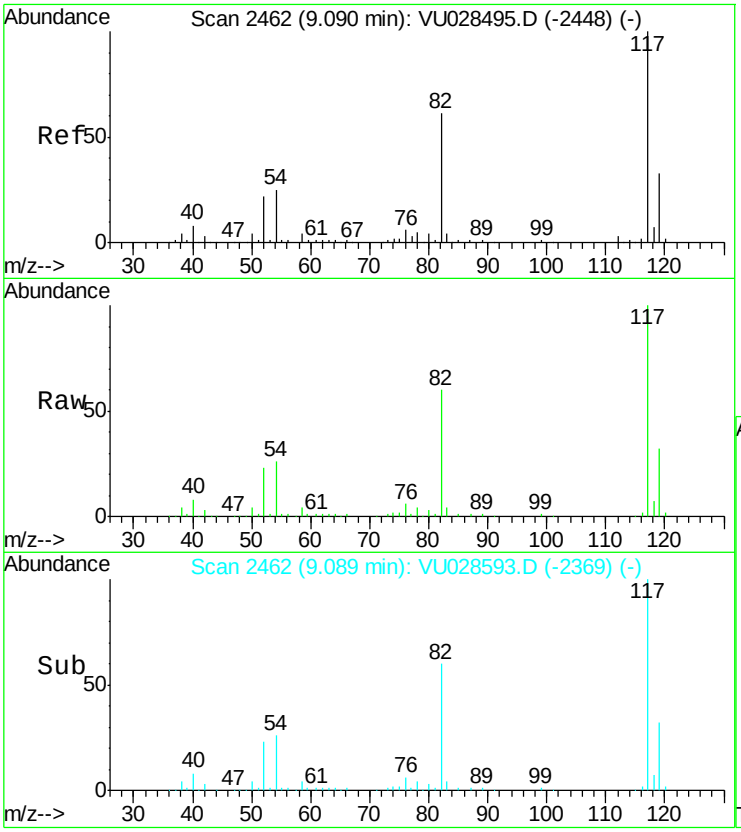


#62
4-Bromofluorobenzene
Concen: 47.110 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion: 95 Resp: 69482

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	150.4
176	72.3	0.0	145.2



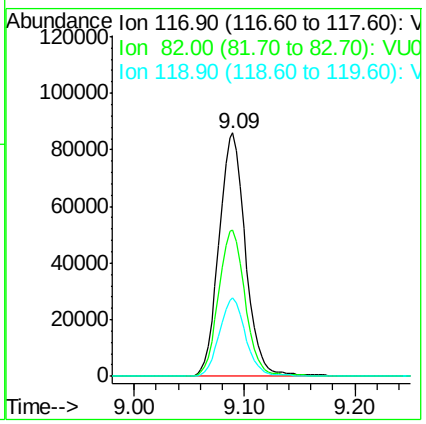


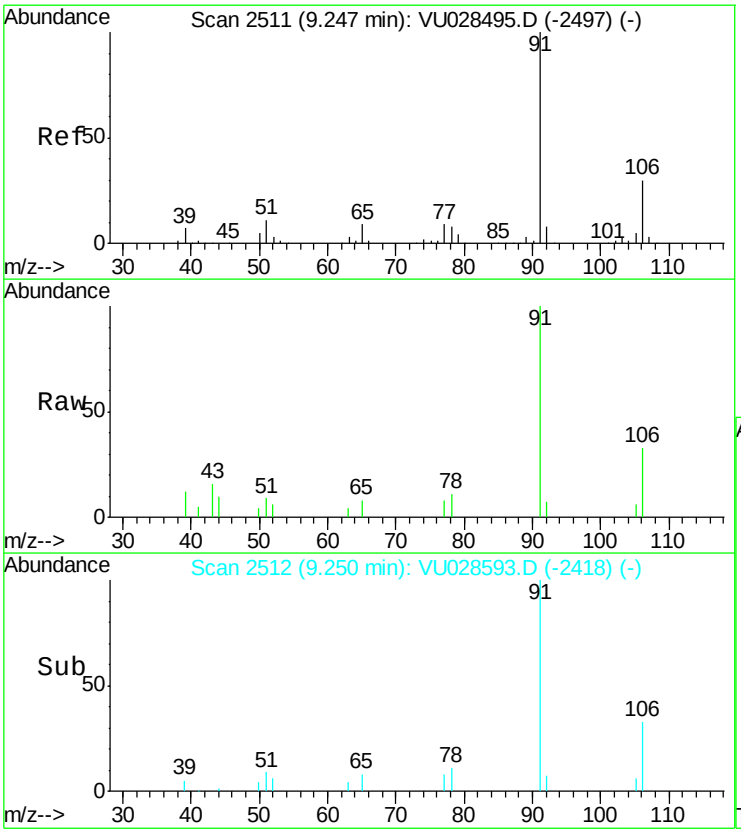
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument : MSVOA_U
ClientSampleId : P001-SW004-01

Tgt Ion:117 Resp: 143428

Ion	Ratio	Lower	Upper
117	100		
82	60.2	48.9	73.3
119	32.1	26.2	39.4

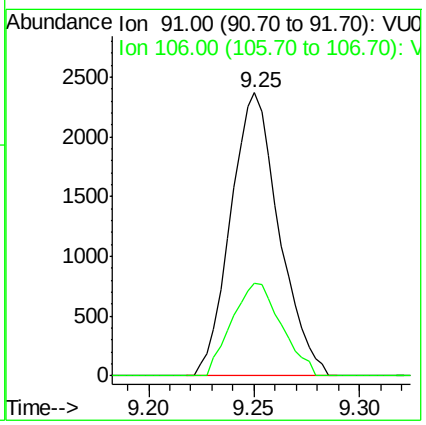


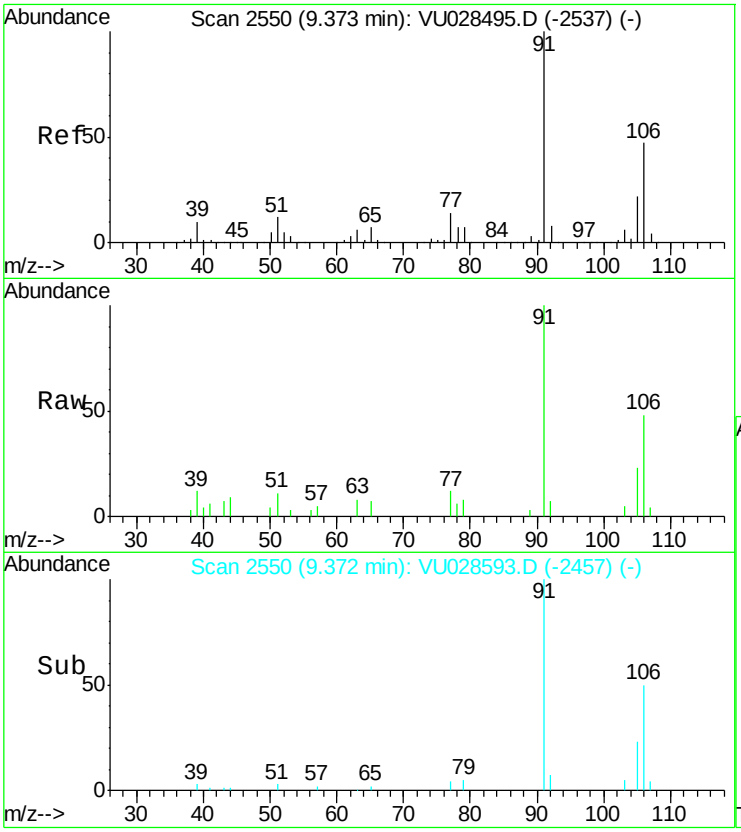


#67
Ethyl Benzene
Concen: 0.673 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion: 91 Resp: 3780

Ion	Ratio	Lower	Upper
91	100		
106	32.6	24.1	36.1



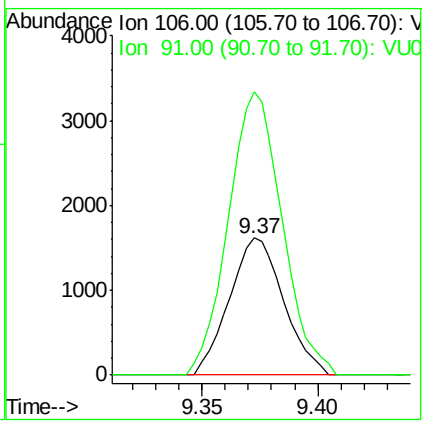


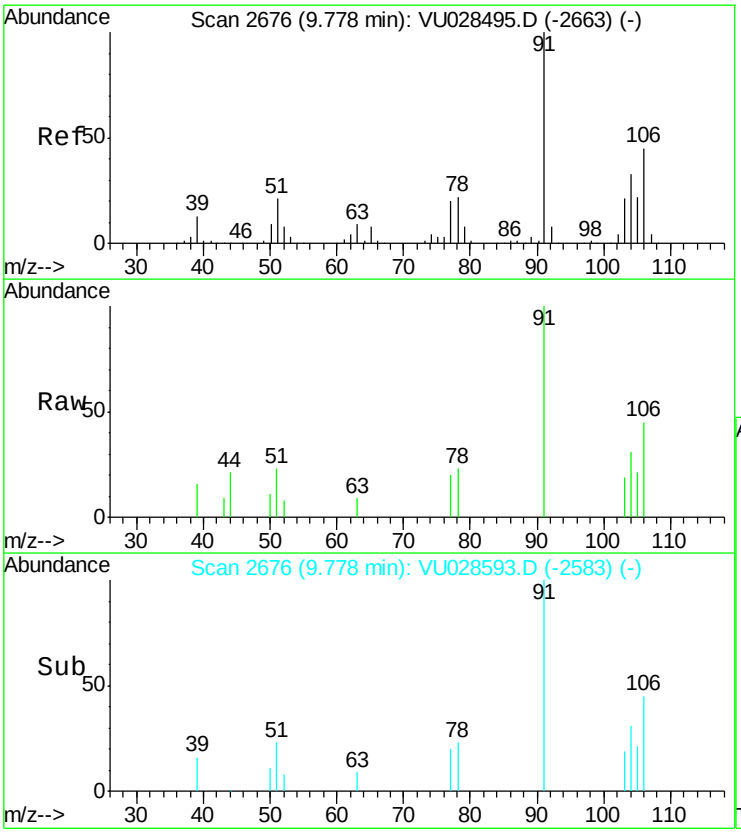
#68
m/p-Xylenes
Concen: 1.287 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Tgt Ion:106 Resp: 2631

Ion	Ratio	Lower	Upper
106	100		
91	204.2	167.4	251.0

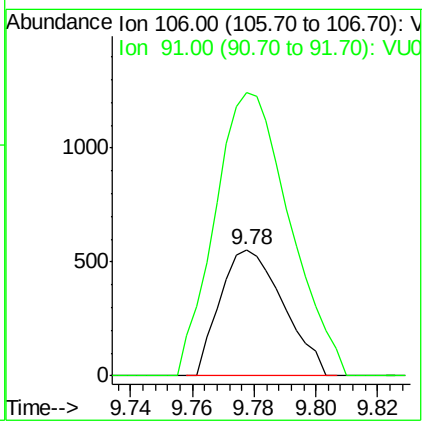


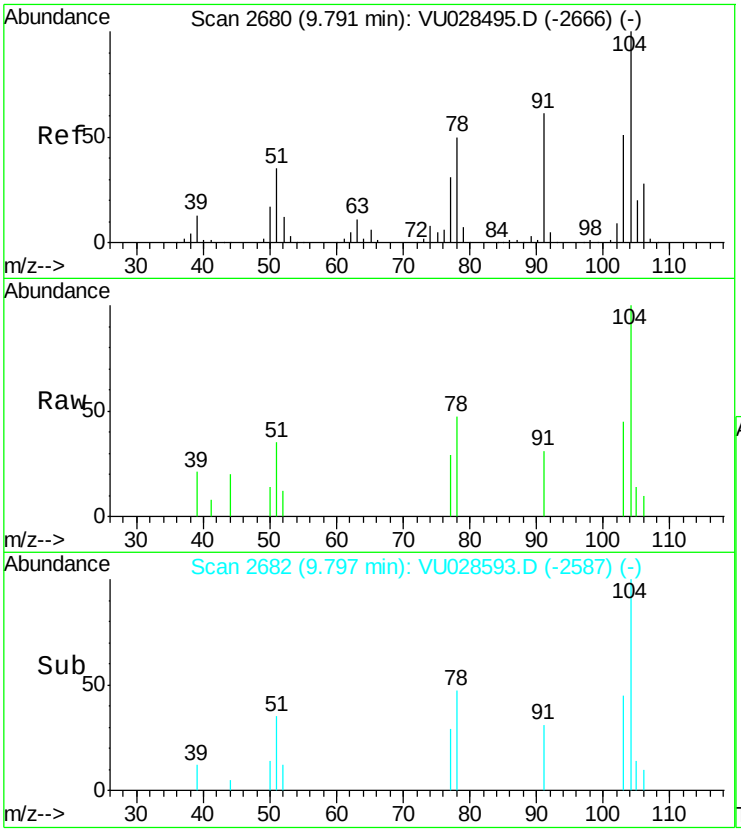


#69
o-Xylene
Concen: 0.397 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion:106 Resp: 788

Ion	Ratio	Lower	Upper
106	100		
91	265.2	111.3	334.0



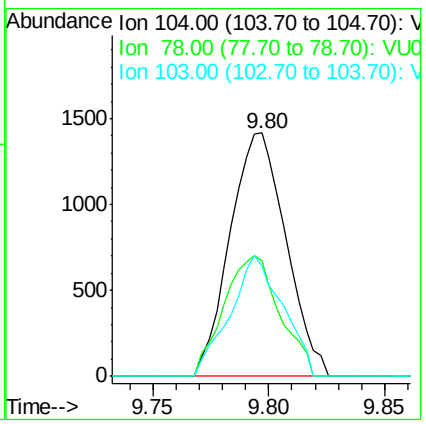


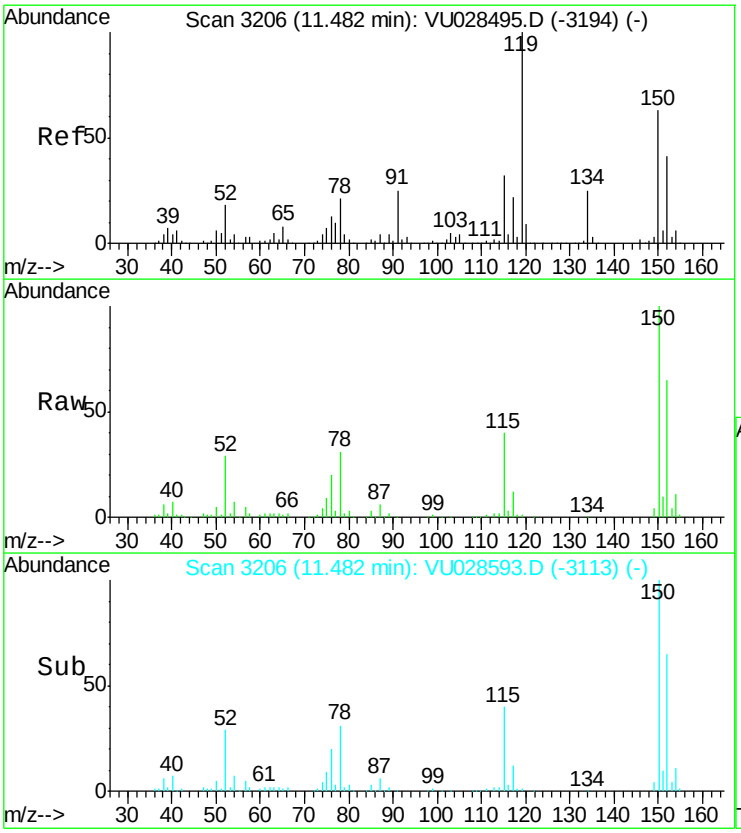
#70
Stvrene
Concen: 0.719 ug/l
RT: 9.80 min Scan# 2682
Delta R.T. 0.01 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Tgt Ion:104 Resp: 2363

Ion	Ratio	Lower	Upper
104	100		
78	49.4	43.0	64.6
103	46.6	44.2	66.4

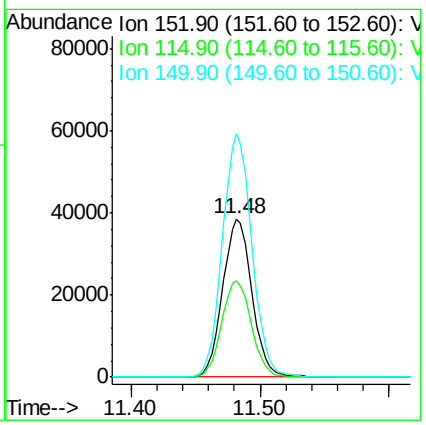


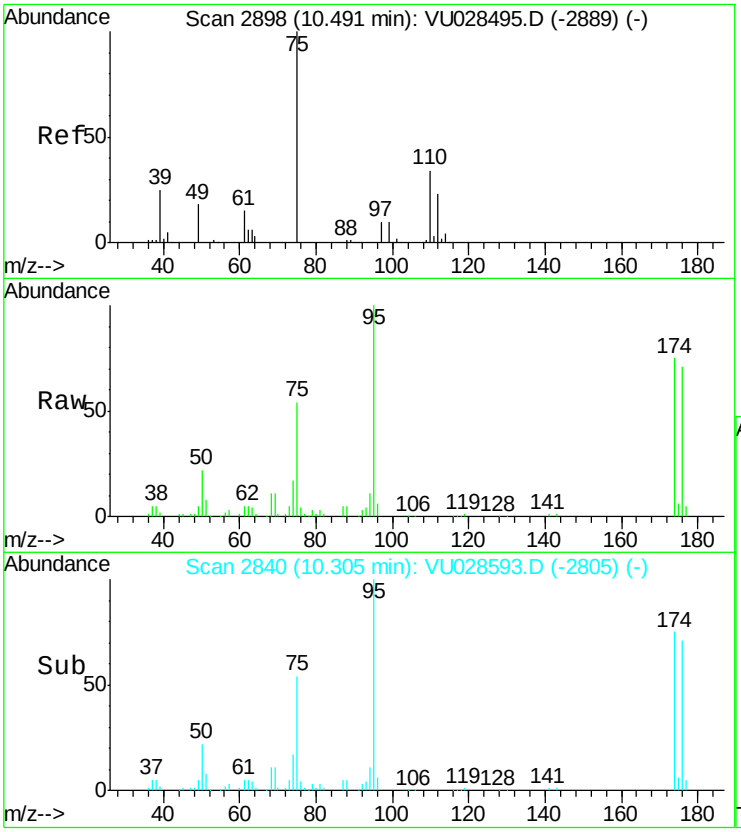


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion:152 Resp: 60446

Ion	Ratio	Lower	Upper
152	100		
115	61.7	42.7	128.1
150	155.7	0.0	346.0



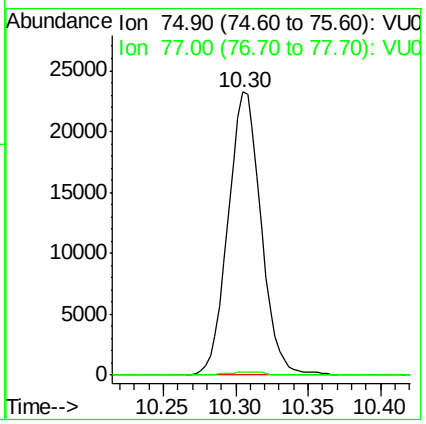


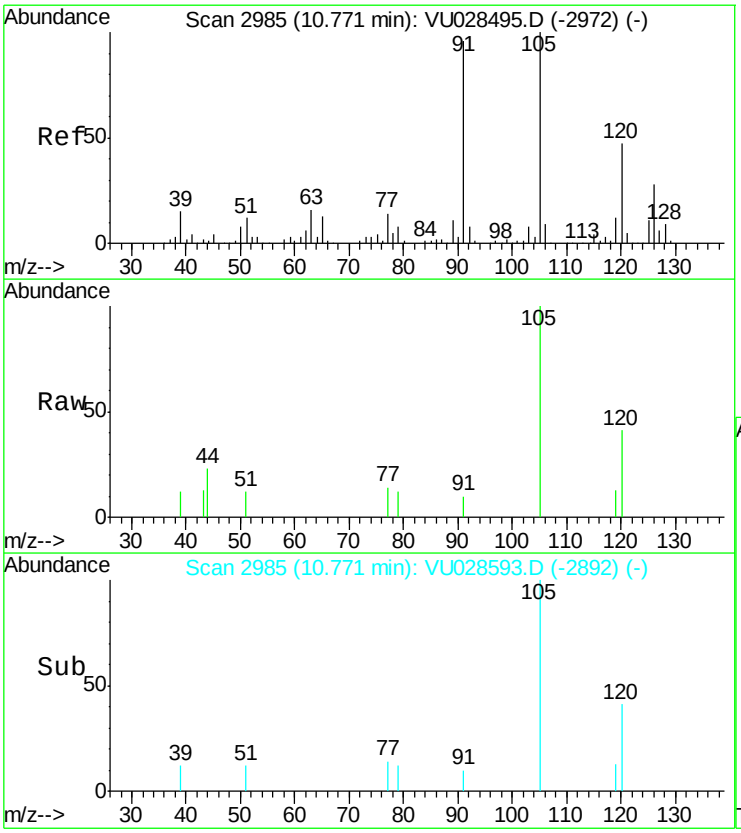
#76
1,2,3-Trichloropropane
Concen: 23.810 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Tgt Ion: 75 Resp: 36751

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.8	62.4#

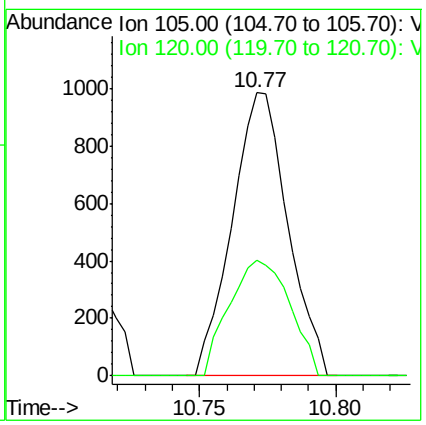


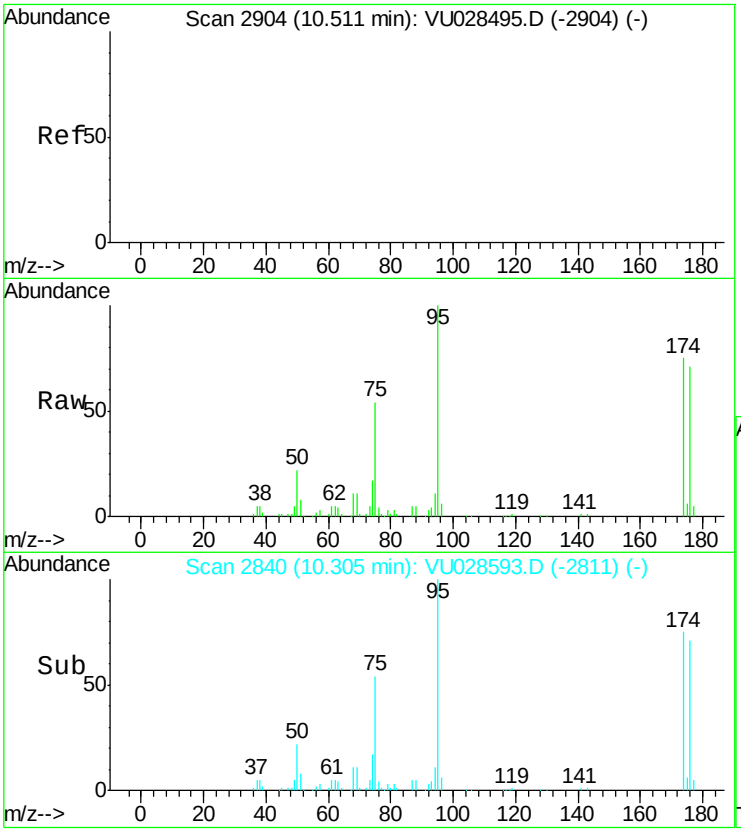


#80
1,3,5-Trimethylbenzene
Concen: 0.363 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion:105 Resp: 1394

Ion	Ratio	Lower	Upper
105	100		
120	44.5	23.7	71.1



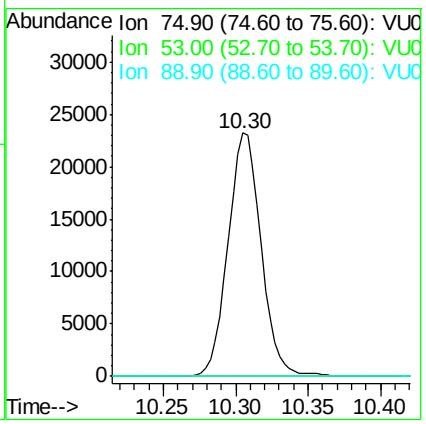


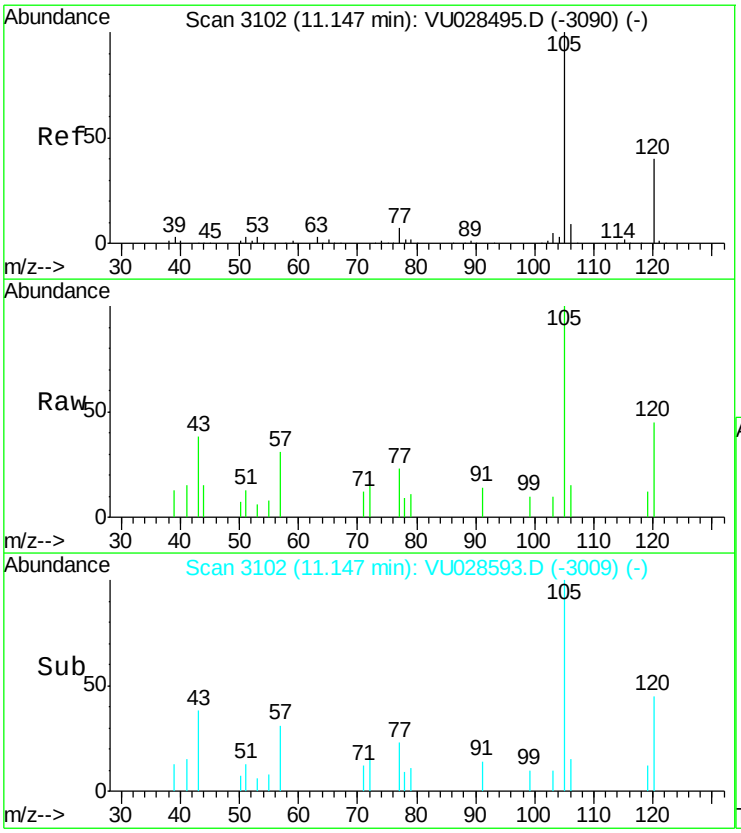
#81
trans-1,4-Dichloro-2-butene
Concen: 58.452 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.21 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument :
MSVOA_U
ClientSampleId :
P001-SW004-01

Tgt Ion: 75 Resp: 36751

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

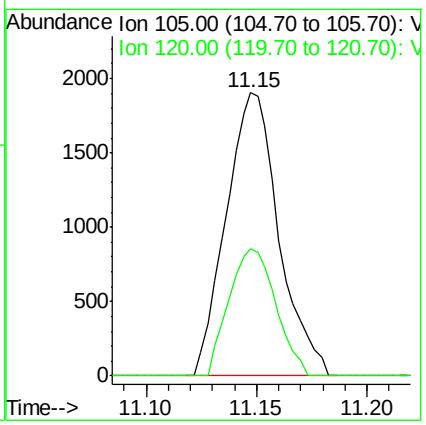


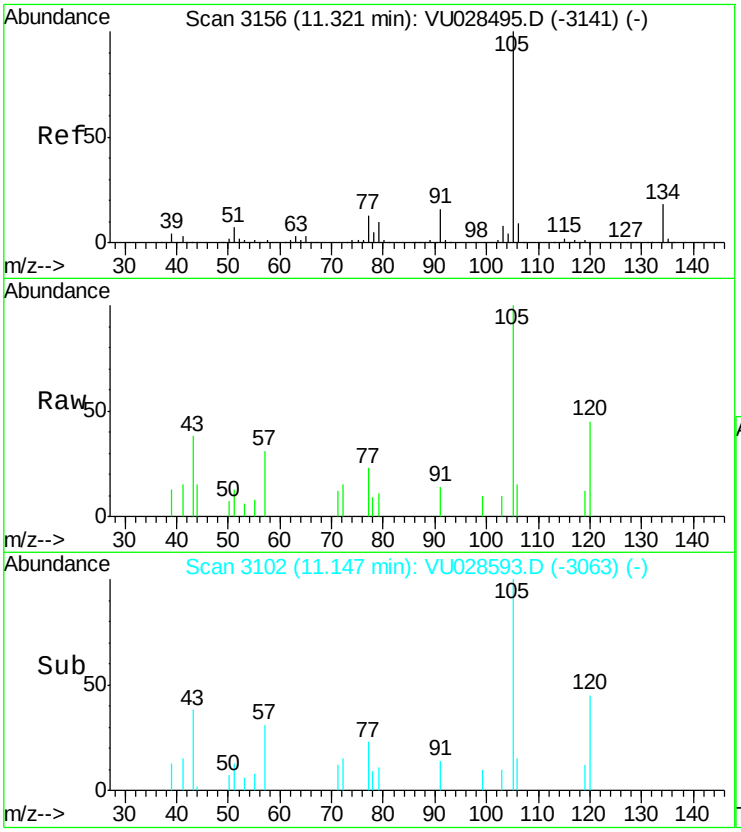


#84
1,2,4-Trimethylbenzene
Concen: 0.797 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion:105 Resp: 3154

Ion	Ratio	Lower	Upper
105	100		
120	39.9	21.8	65.4



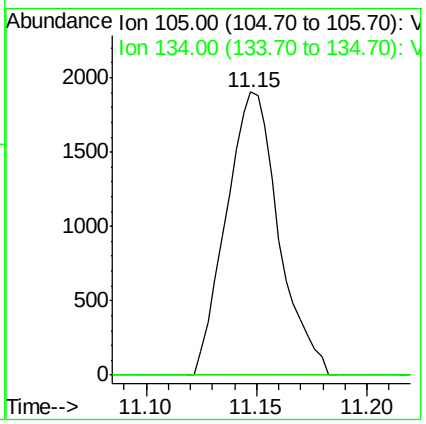


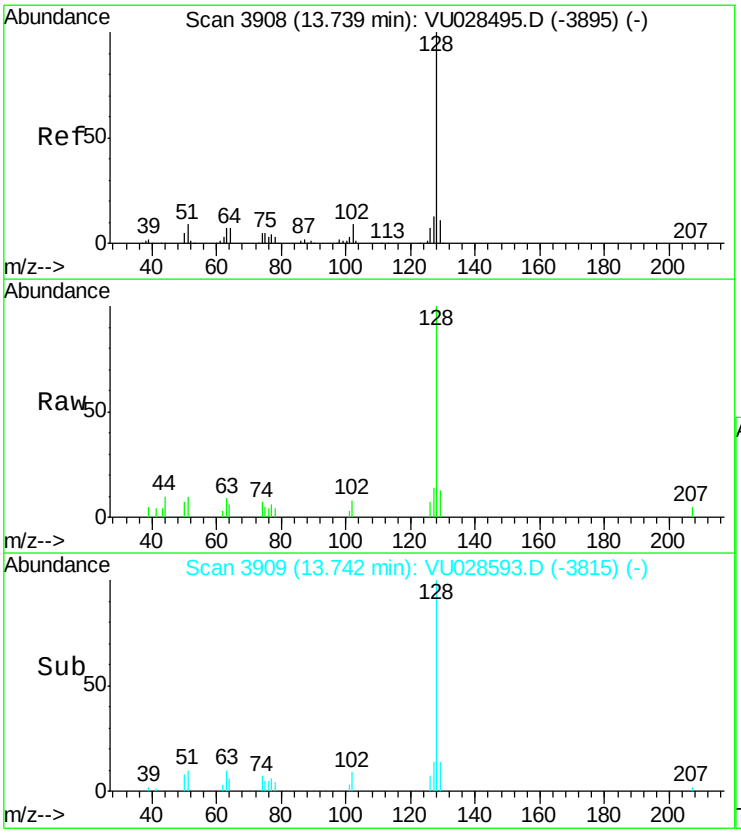
#85
sec-Butylbenzene
Concen: 0.663 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.17 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Instrument : MSVOA_U
ClientSampleId : P001-SW004-01

Tgt Ion:105 Resp: 3154

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.2	27.6#





#95
Naphthalene
Concen: 1.274 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028593.D
Acq: 11 Dec 2018 08:54

Tgt Ion:128 Resp: 6265

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.6	13.0