

Data File : VW009180.D
Acq On : 14 Mar 2019 20:09
Operator : SY/VA
Sample : K1794-13
Misc : 4.21G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5N2RE

Quant Time: Mar 15 06:57:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 06:53:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	372378	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292199	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	92582	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	149896	33.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	134.76%
7) Chloroethane-d5	2.89	69	136462	26.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.84%
10) 1,1-Dichloroethene-d2	4.02	63	212117	22.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.20%
20) 2-Butanone-d5	7.07	46	60574	32.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.84%
24) Chloroform-d	7.65	84	265915	26.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.68%
26) 1,2-Dichloroethane-d4	8.31	65	166102	27.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.52%
29) Benzene-d6	8.27	84	508424	31.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.20%
33) 1,2-Dichloropropane-d6	9.27	67	155463	32.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.48%#
37) Toluene-d8	10.32	98	415340	27.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.52%
38) trans-1,3-Dichloropropene-	10.58	79	40911	16.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.32%
39) 2-Hexanone-d5	10.93	63	39395	33.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108367	22.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	79657	22.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.76%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	4.01	96	1696	0.370 ug/L #	1
13) Acetone	4.12	43	9255	6.133 ug/L	81
16) Methylene chloride	4.91	84	21422	3.945 ug/L	90
21) 2-Butanone	7.19	43	1892	0.908 ug/L	85
49) 2-Hexanone	10.95	43	27121	10.355 ug/L #	47
53) Ethylbenzene	11.73	91	18648	0.949 ug/L #	56
57) Isopropylbenzene	12.47	105	28705	1.471 ug/L #	1

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

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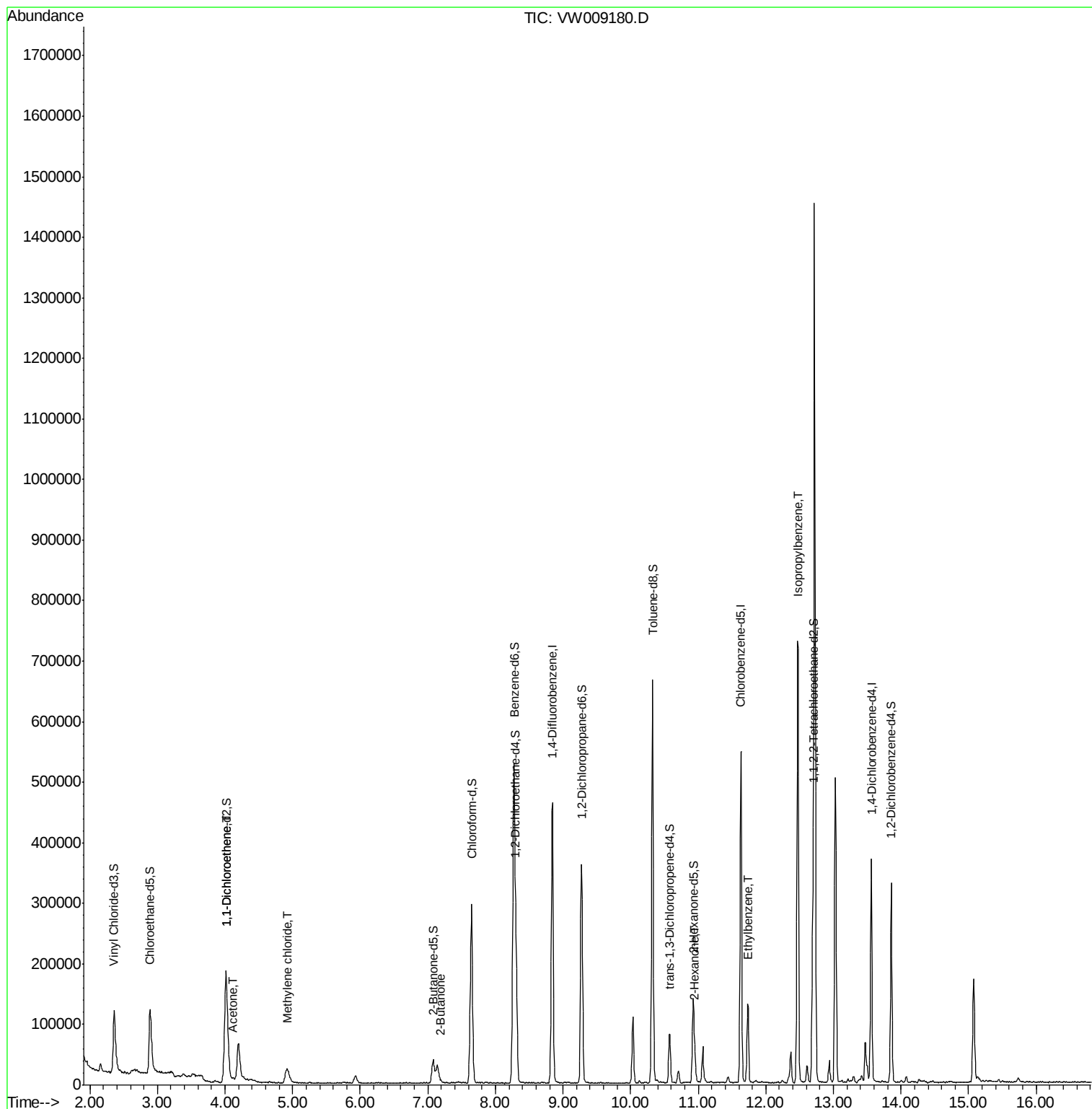
Quant Time: Mar 15 06:57:21 2019

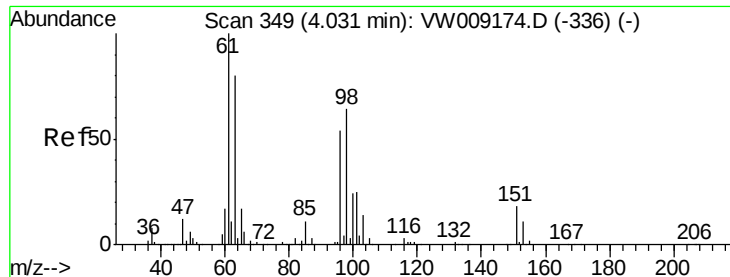
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M

Quant Title : VOC Analysis

QLast Update : Fri Mar 15 06:53:55 2019

Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.370 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

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Acq: 14 Mar 2019 20:09

Instrument :

MSVOA_W

ClientSampleId :

BF5N2RE

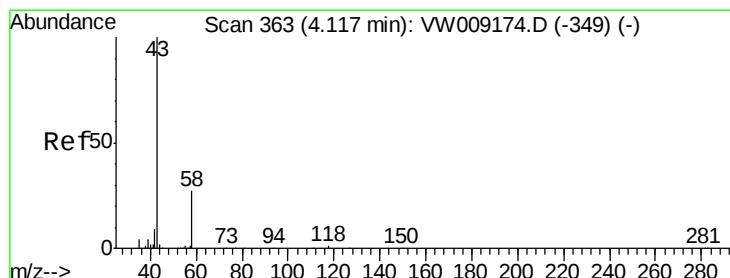
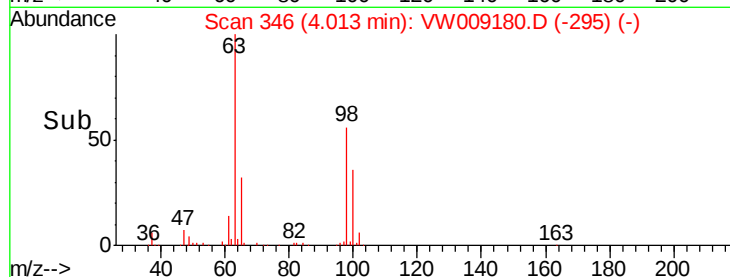
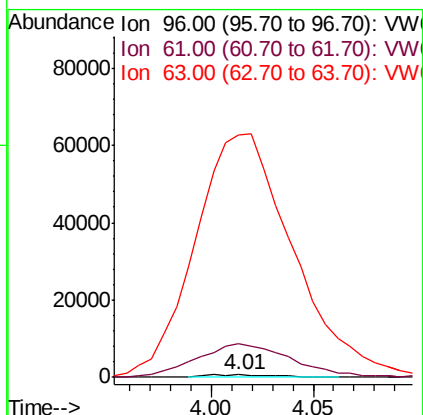
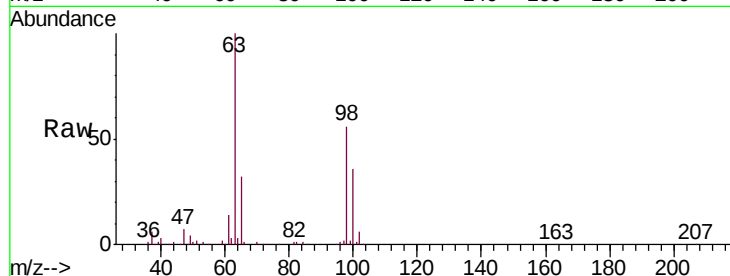
Tgt Ion: 96 Resp: 1696

Ion Ratio Lower Upper

96 100

61 1359.6 129.4 240.2#

63 9591.4 116.8 217.0#



#13

Acetone

Concen: 6.133 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009180.D

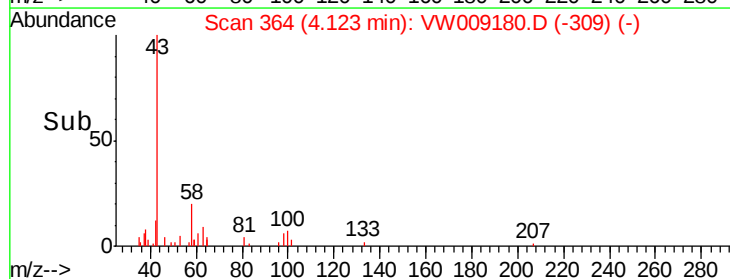
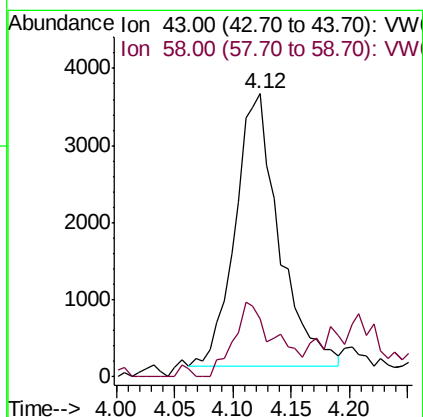
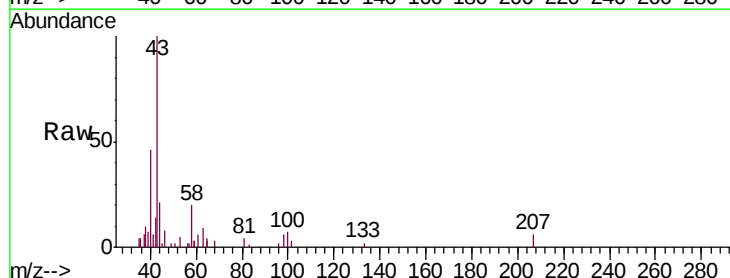
Acq: 14 Mar 2019 20:09

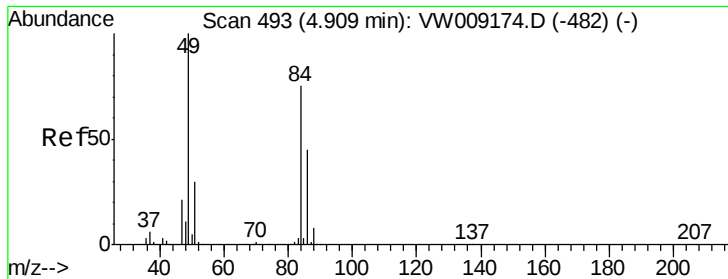
Tgt Ion: 43 Resp: 9255

Ion Ratio Lower Upper

43 100

58 18.1 0.0 56.2

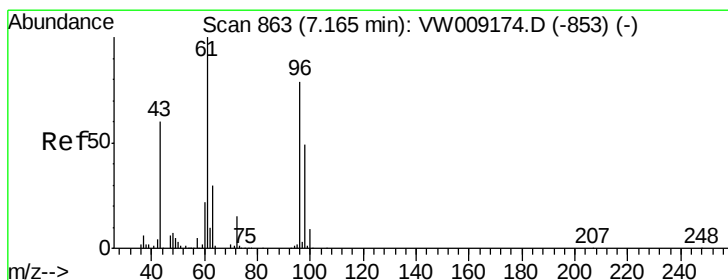
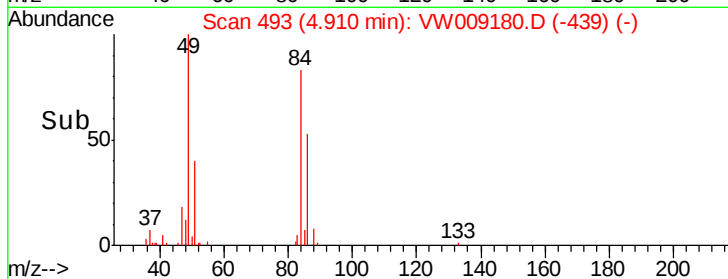
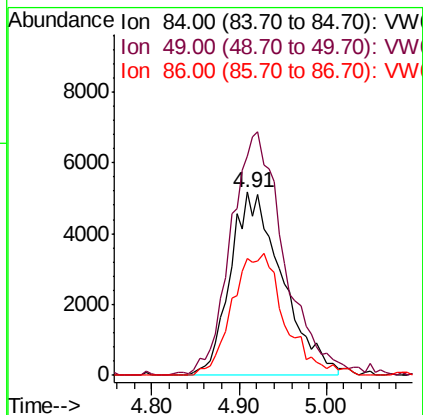
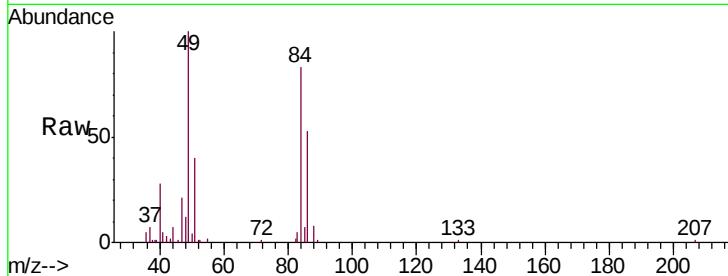




#16
Methylene chloride
Concen: 3.945 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW009180.D
Acq: 14 Mar 2019 20:09

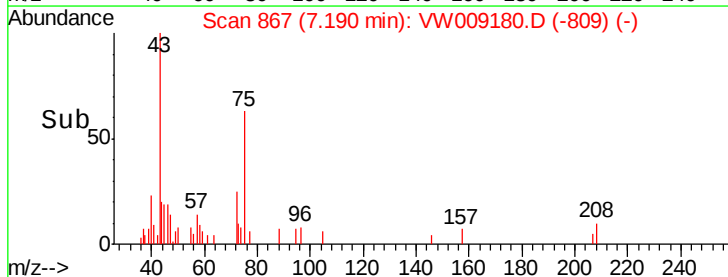
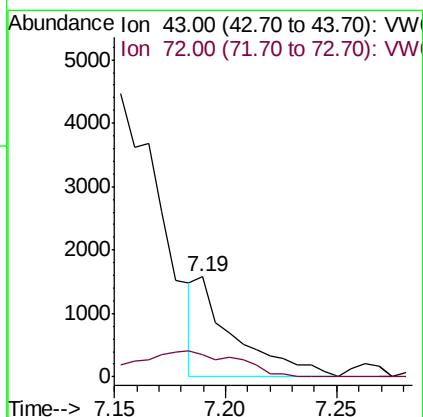
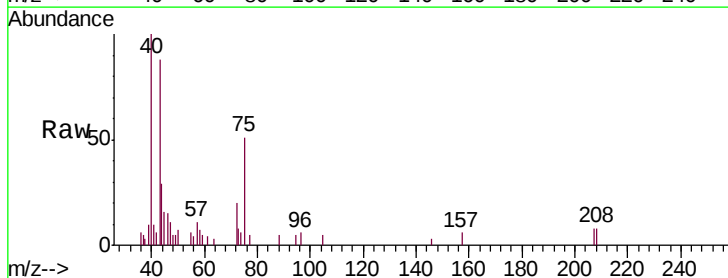
Instrument :
MSVOA_W
ClientSampleId :
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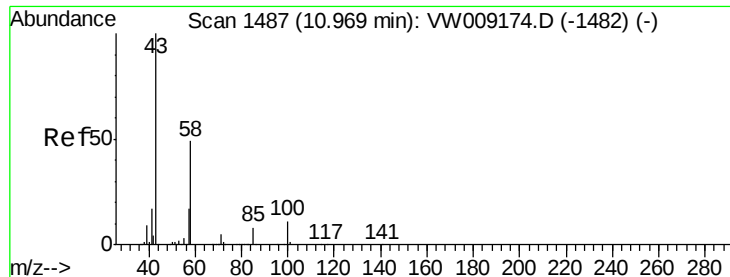
Tgt Ion: 84 Resp: 21422
Ion Ratio Lower Upper
84 100
49 119.9 96.0 178.2
86 63.9 44.4 82.5



#21
2-Butanone
Concen: 0.908 ug/L
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW009180.D
Acq: 14 Mar 2019 20:09

Tgt Ion: 43 Resp: 1892
Ion Ratio Lower Upper
43 100
72 18.3 13.1 39.1





#49

2-Hexanone

Concen: 10.355 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009180.D

Acq: 14 Mar 2019 20:09

Instrument :

MSVOA_W

ClientSampleId :

BF5N2RE

Tgt Ion: 43 Resp: 27121

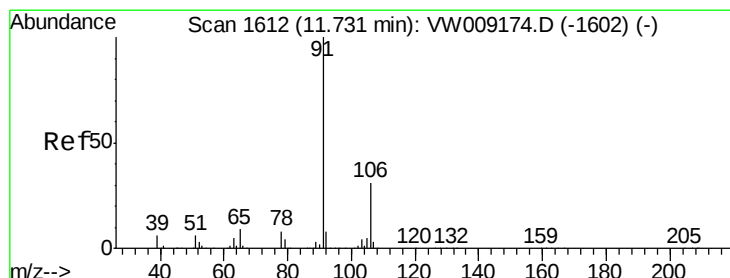
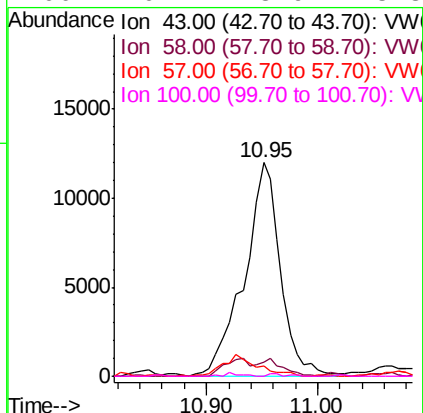
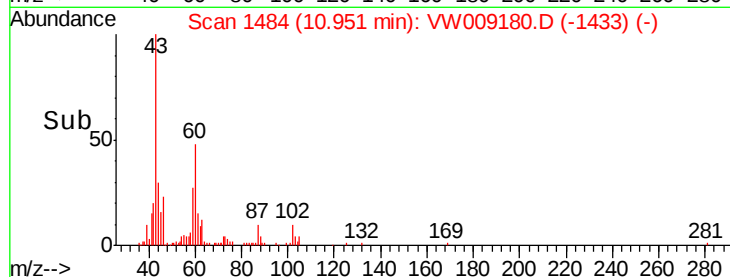
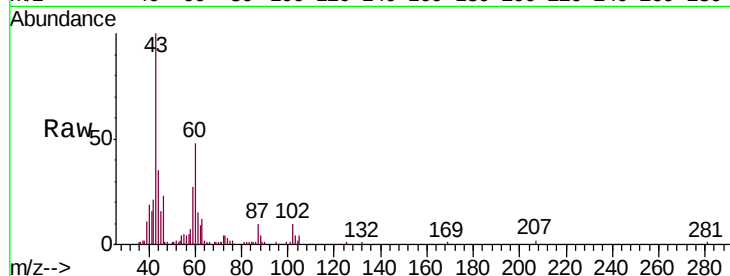
Ion Ratio Lower Upper

43 100

58 5.6 39.2 58.8#

57 0.0 14.2 21.2#

100 0.4 8.9 13.3#



#53

Ethylbenzene

Concen: 0.949 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW009180.D

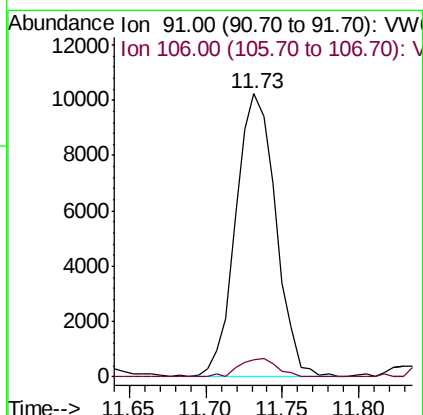
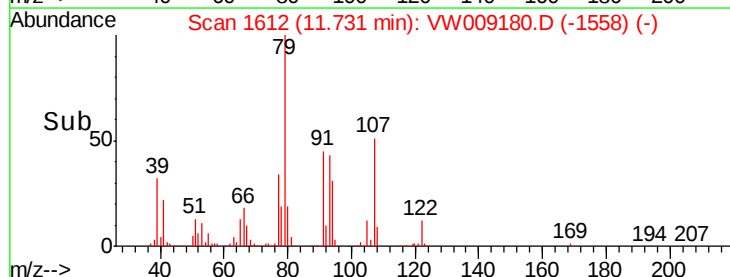
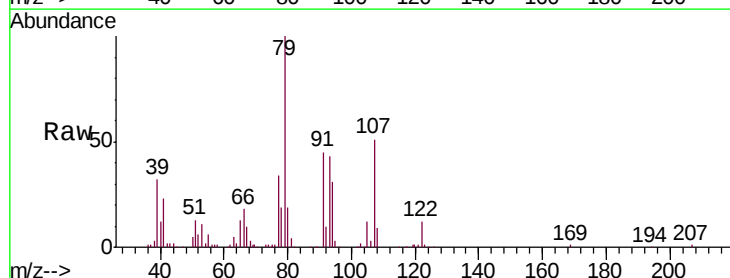
Acq: 14 Mar 2019 20:09

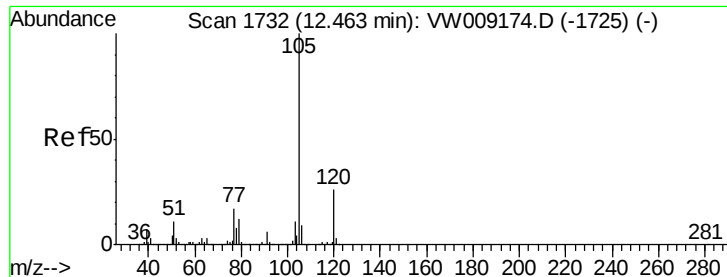
Tgt Ion: 91 Resp: 18648

Ion Ratio Lower Upper

91 100

106 6.0 21.0 39.0#





#57

Isopropylbenzene

Concen: 1.471 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW009180.D

Acq: 14 Mar 2019 20:09

Instrument :

MSVOA_W

ClientSampleId :

BF5N2RE

Tgt Ion:105 Resp: 28705

Ion Ratio Lower Upper

105 100

120 10.3 21.3 31.9#

77 286.9 13.1 19.7#

