

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010198.D
 Acq On : 29 Apr 2019 23:41
 Operator : SY/VA
 Sample : K2606-10
 Misc : 5.20G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 04:36:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 15:05:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	424472	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308008	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	79937	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	98343	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.68%
7) Chloroethane-d5	2.89	69	83922	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.04%
10) 1,1-Dichloroethene-d2	4.01	63	144889	13.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.12%
20) 2-Butanone-d5	7.07	46	171721	96.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	193.38%#
24) Chloroform-d	7.65	84	266732	24.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	8.31	65	187191	29.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.48%
29) Benzene-d6	8.27	84	447714	26.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.96%
33) 1,2-Dichloropropane-d6	9.27	67	163431	31.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.16%#
37) Toluene-d8	10.32	98	311808	20.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.68%
38) trans-1,3-Dichloropropene-	10.58	79	72015	30.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.68%
39) 2-Hexanone-d5	10.93	63	140151	128.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	257.42%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	166106	37.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	150.16%#
61) 1,2-Dichlorobenzene-d4	13.85	152	69517	23.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.64%

Target Compounds

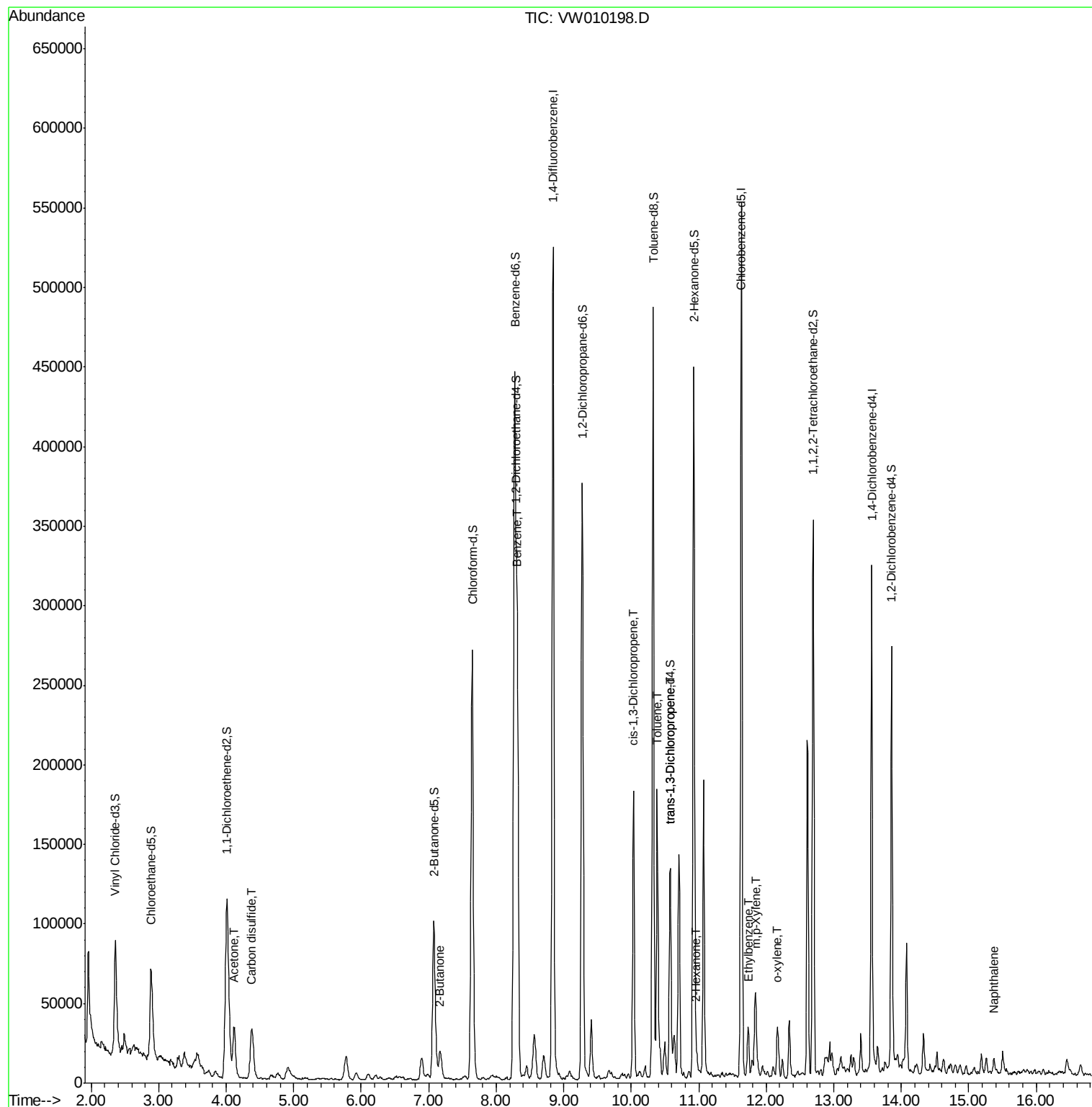
					Ovalue
13) Acetone	4.12	43	53890	38.395	ug/L 100
14) Carbon disulfide	4.37	76	73452	4.947	ug/L 96
21) 2-Butanone	7.17	43	26252	13.337	ug/L # 72
34) Benzene	8.32	78	104256	6.032	ug/L 100
42) cis-1,3-Dichloropropene	10.03	75	4306	0.617	ug/L # 68
44) Toluene	10.38	91	129652	7.009	ug/L 98
45) trans-1,3-Dichloropropene	10.58	75	3569	0.588	ug/L 92
49) 2-Hexanone	10.97	43	7293	3.227	ug/L # 87
53) Ethylbenzene	11.73	91	18252	0.871	ug/L 93
54) m,p-Xylene	11.84	106	14406	1.828	ug/L 88
55) o-xylene	12.16	106	7234	0.971	ug/L 100
69) Naphthalene	15.37	128	7493	1.216	ug/L # 92

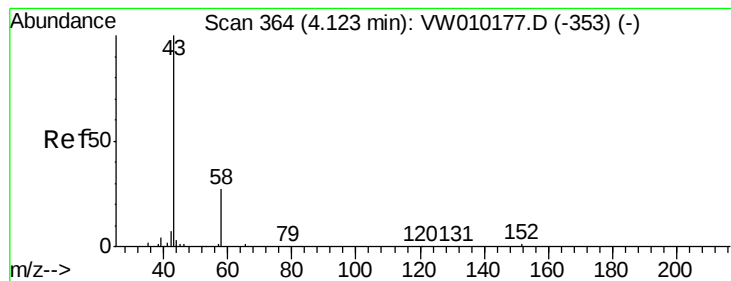
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Apr 29 15:05:07 2019
Response via : Initial Calibration





#13

Acetone

Concen: 38.395 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010198.D

Acq: 29 Apr 2019 23:41

Instrument :

MSVOA_W

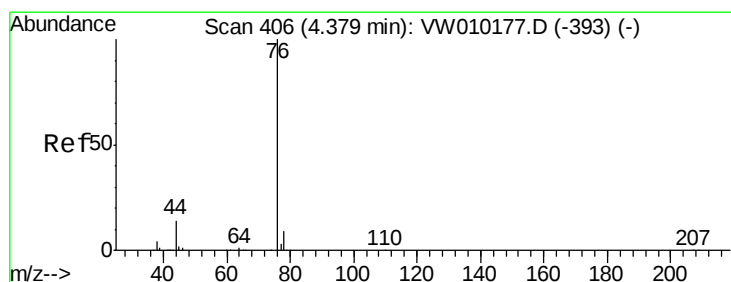
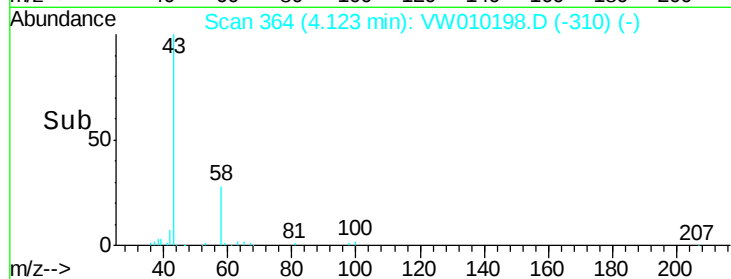
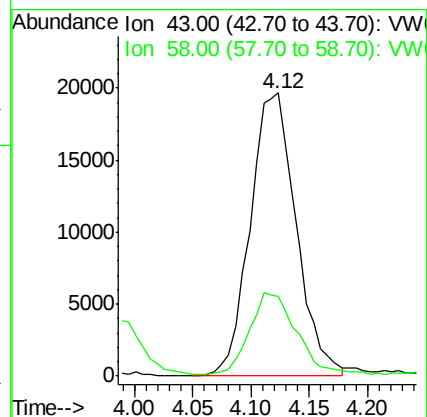
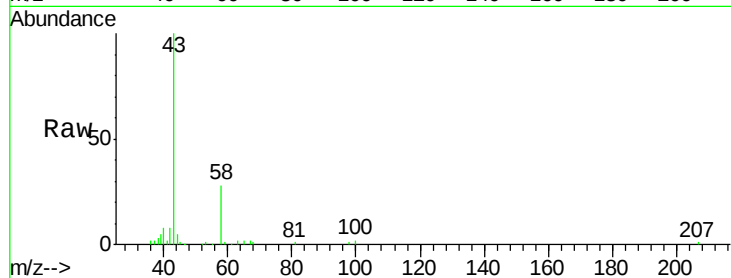
ClientSampled :

Tot Ion: 43 Resp: 53890

Ion Ratio Lower Upper

43 100

58 29.7 0.0 59.8



#14

Carbon disulfide

Concen: 4.947 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW010198.D

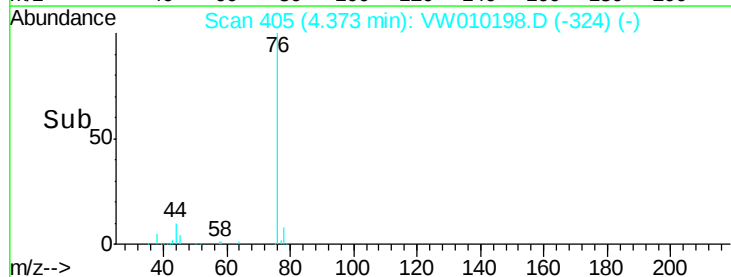
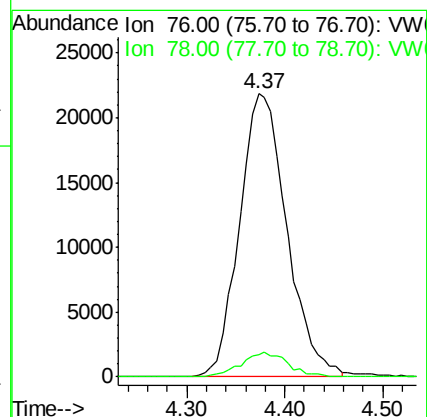
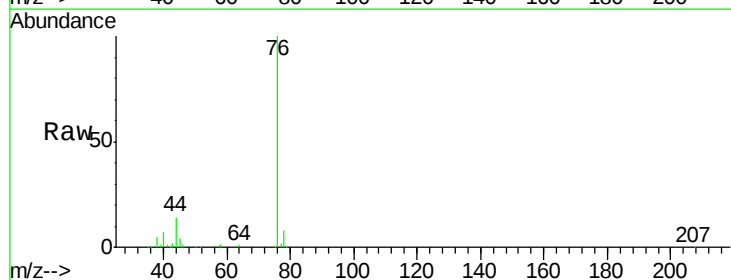
Acq: 29 Apr 2019 23:41

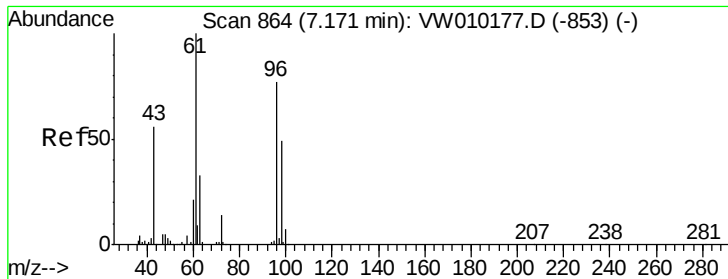
Tgt Ion: 76 Resp: 73452

Ion Ratio Lower Upper

76 100

78 7.8 7.3 10.9





#21

2-Butanone

Concen: 13.337 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010198.D

Acq: 29 Apr 2019 23:41

Instrument :

MSVOA_W

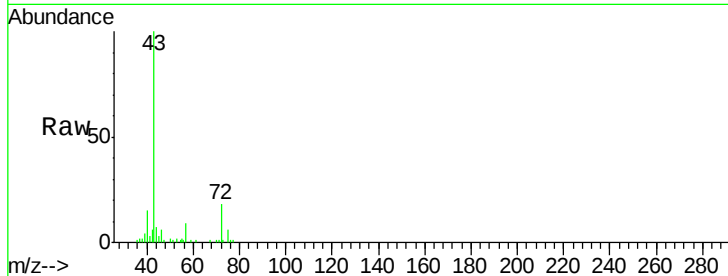
ClientSampled :

Tot Ion: 43 Resp: 26252

Ion Ratio Lower Upper

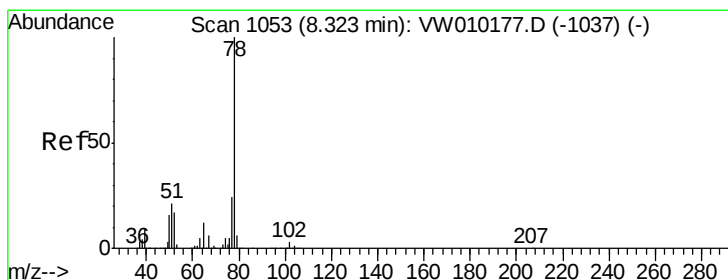
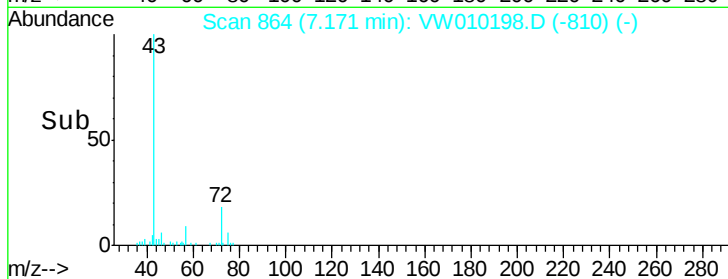
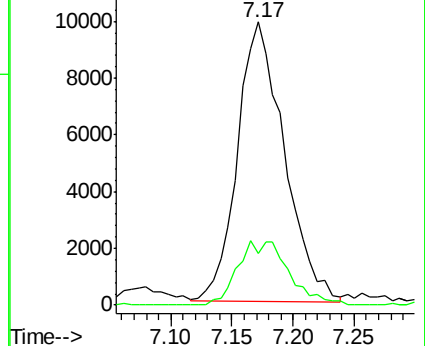
43 100

72 11.1 12.8 38.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#34

Benzene

Concen: 6.032 ug/L

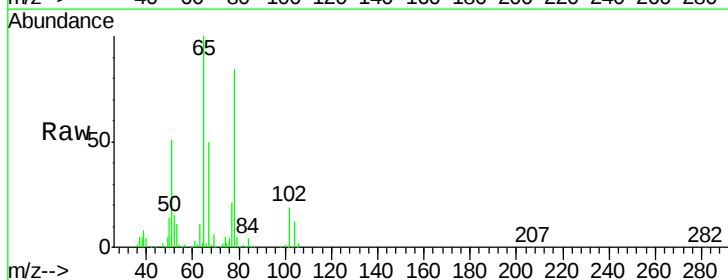
RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

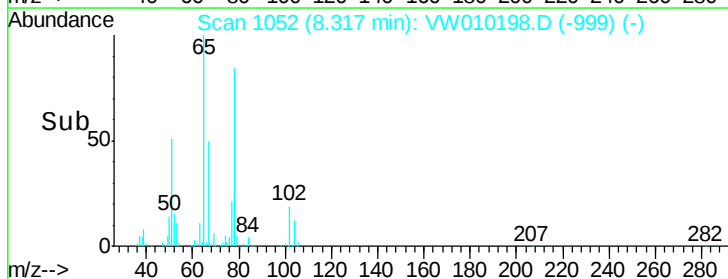
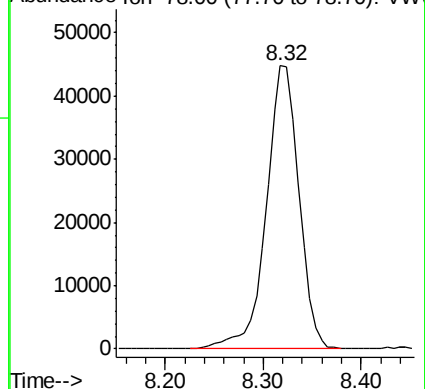
Lab File: VW010198.D

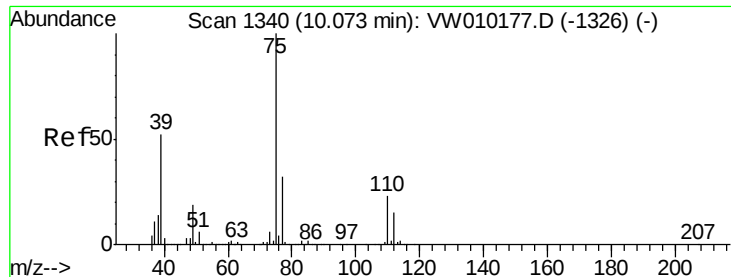
Acq: 29 Apr 2019 23:41

Tgt Ion: 78 Resp: 104256



Abundance Ion 78.00 (77.70 to 78.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.617 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW010198.D

Acq: 29 Apr 2019 23:41

Instrument :

MSVOA_W

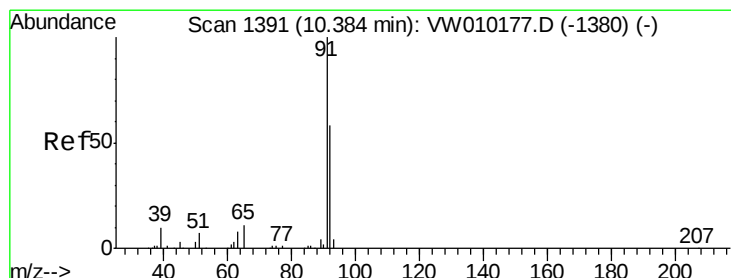
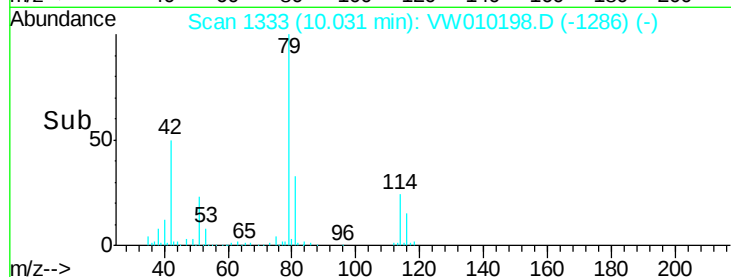
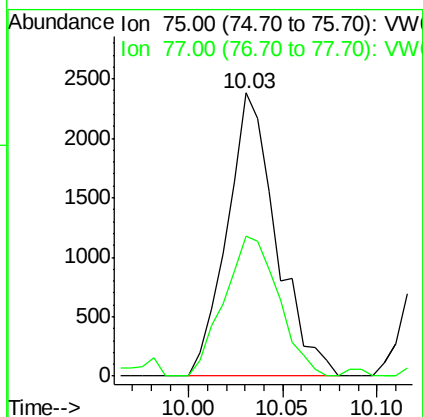
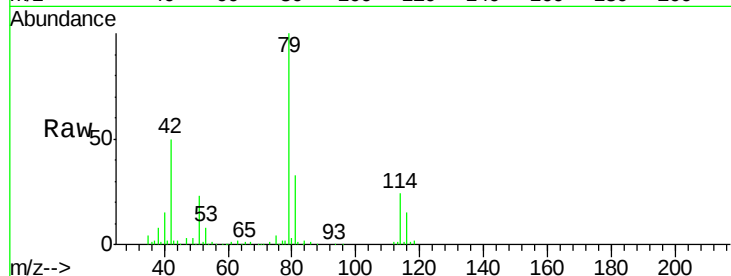
ClientSampled :

Tot Ion: 75 Resp: 4306

Ion Ratio Lower Upper

75 100

77 49.4 22.1 41.1#



#44

Toluene

Concen: 7.009 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW010198.D

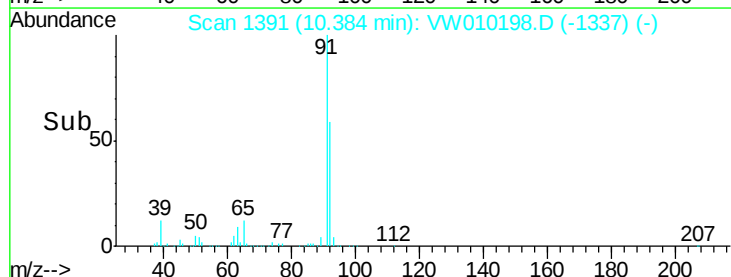
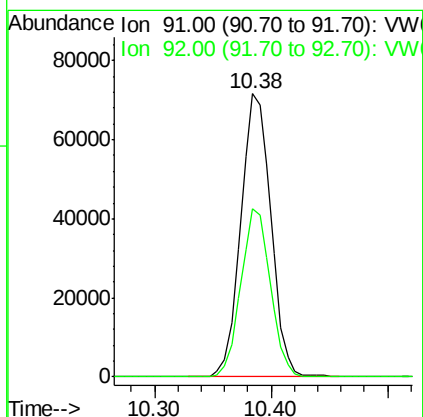
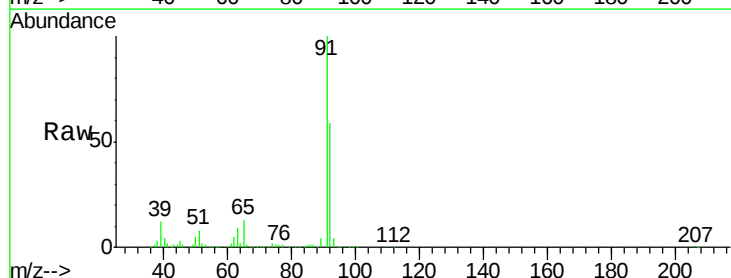
Acq: 29 Apr 2019 23:41

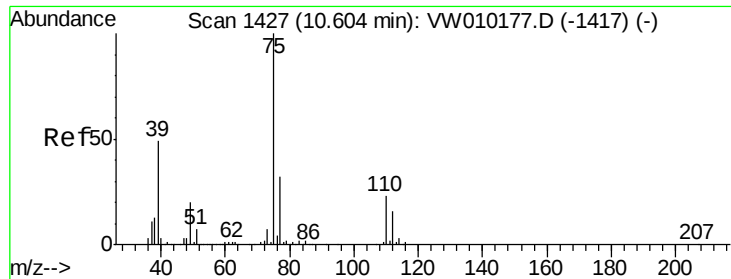
Tgt Ion: 91 Resp: 129652

Ion Ratio Lower Upper

91 100

92 59.4 40.4 75.0

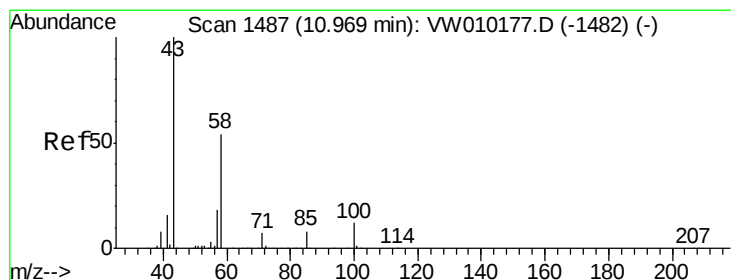
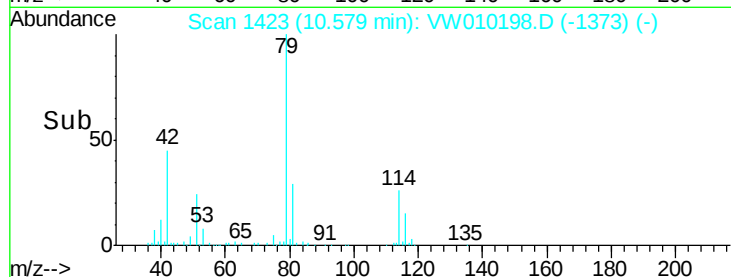
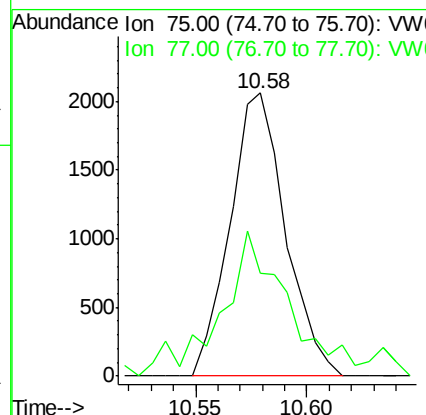
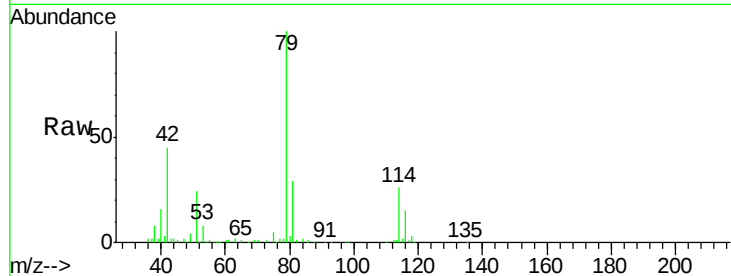




#45
trans-1,3-Dichloropropene
Concen: 0.588 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW010198.D
Acq: 29 Apr 2019 23:41

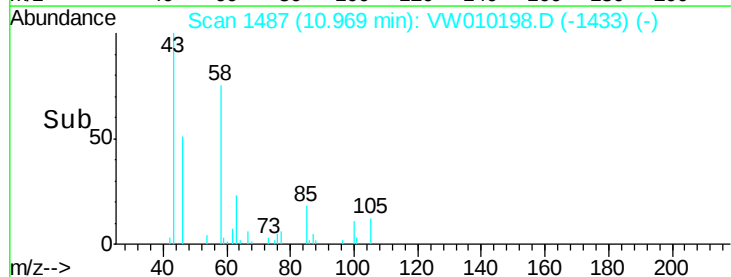
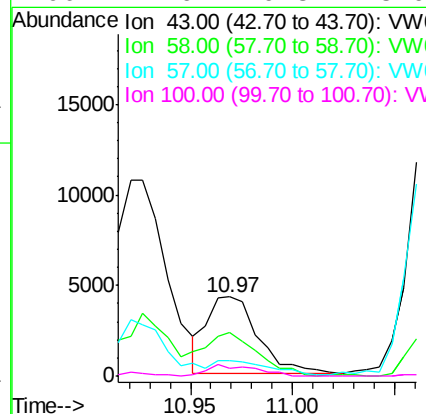
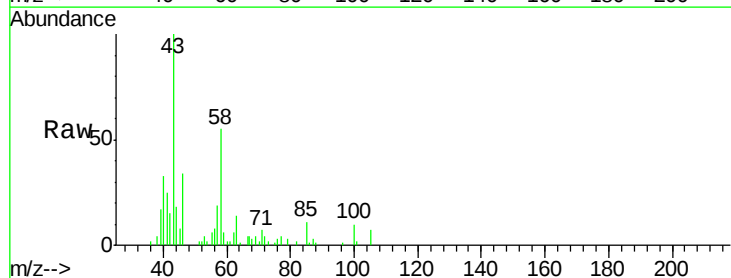
Instrument :
MSVOA_W
ClientSampled :

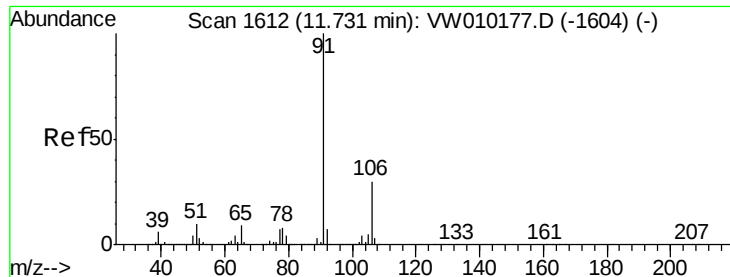
Tot Ion: 75 Resp: 3569
Ion Ratio Lower Upper
75 100
77 36.4 22.4 41.6



#49
2-Hexanone
Concen: 3.227 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010198.D
Acq: 29 Apr 2019 23:41

Tgt Ion: 43 Resp: 7293
Ion Ratio Lower Upper
43 100
58 63.0 41.4 62.2#
57 20.6 14.8 22.2
100 7.6 9.3 13.9#





#53

Ethylbenzene

Concen: 0.871 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW010198.D

Acq: 29 Apr 2019 23:41

Instrument :

MSVOA_W

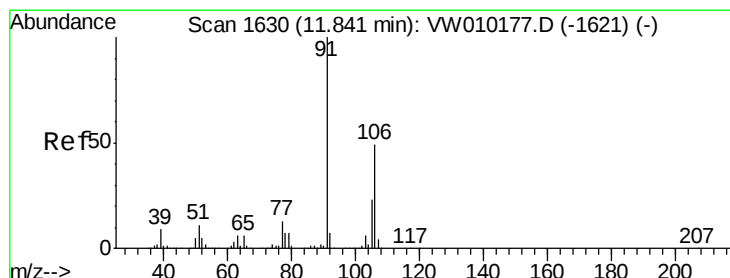
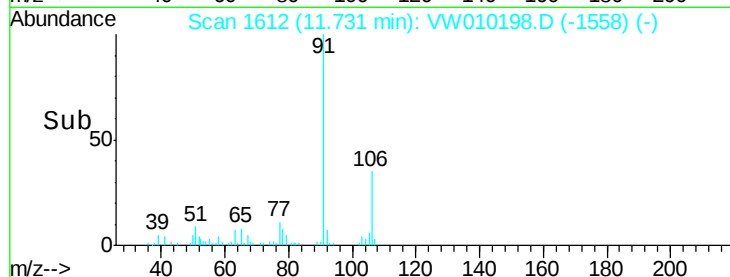
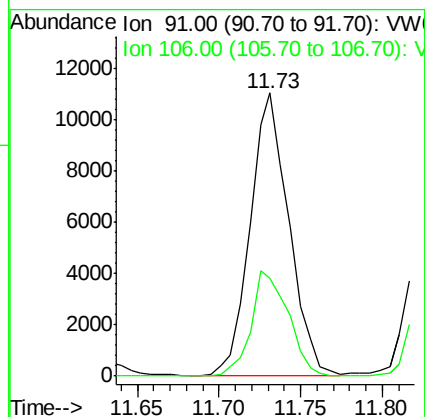
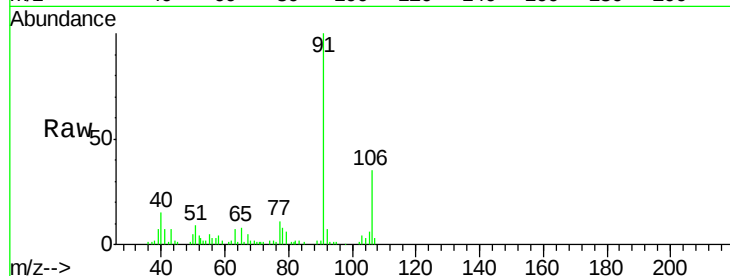
ClientSampleId :

Tot Ion: 91 Resp: 18252

Ion Ratio Lower Upper

91 100

106 34.6 21.3 39.6



#54

m,p-Xylene

Concen: 1.828 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW010198.D

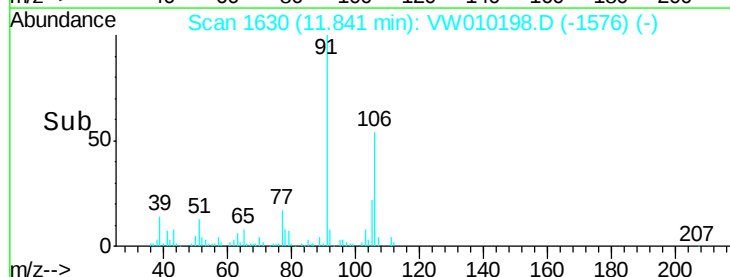
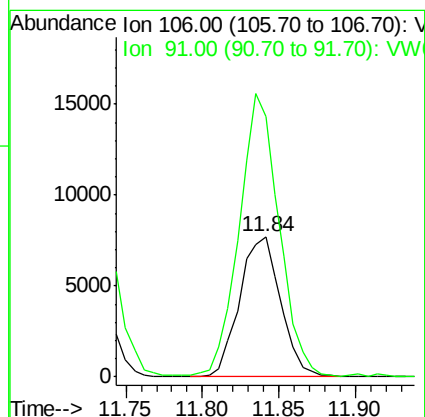
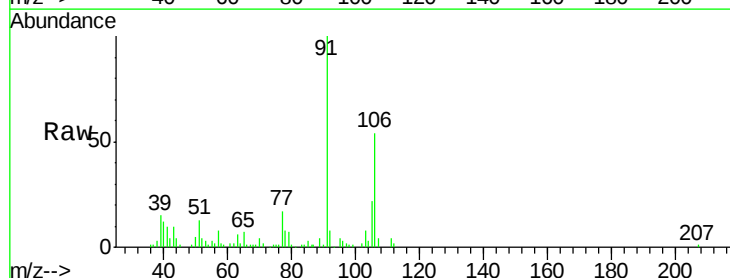
Acq: 29 Apr 2019 23:41

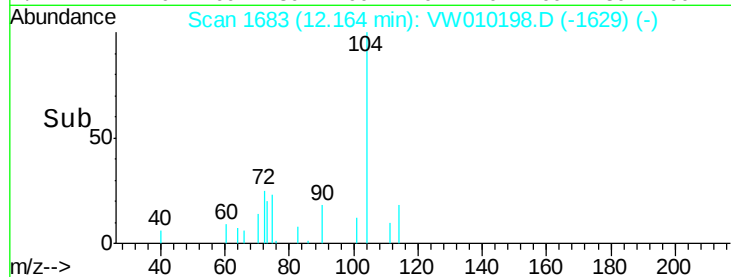
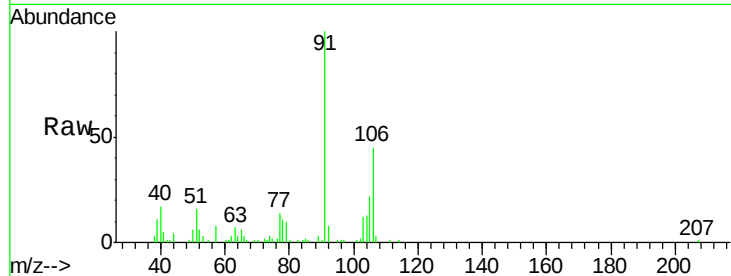
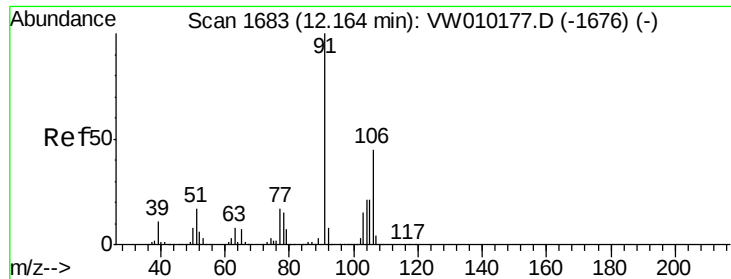
Tgt Ion: 106 Resp: 14406

Ion Ratio Lower Upper

106 100

91 186.3 143.8 267.0

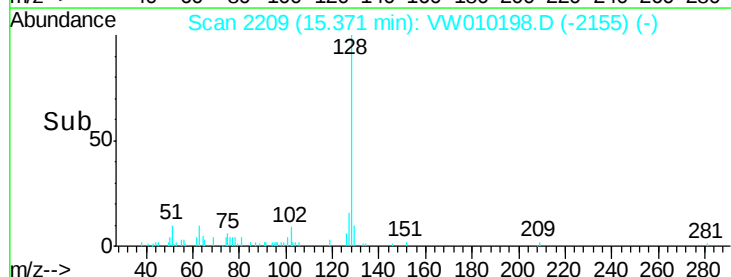
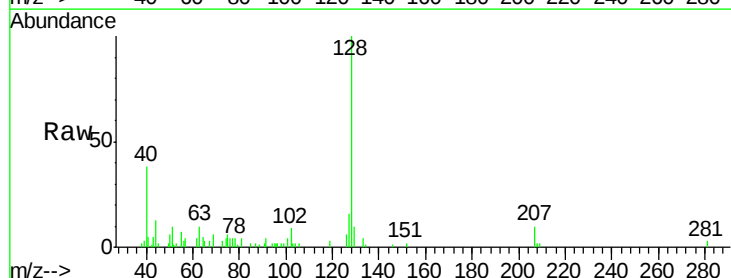
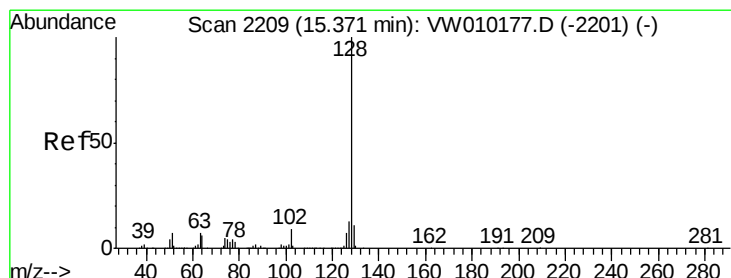
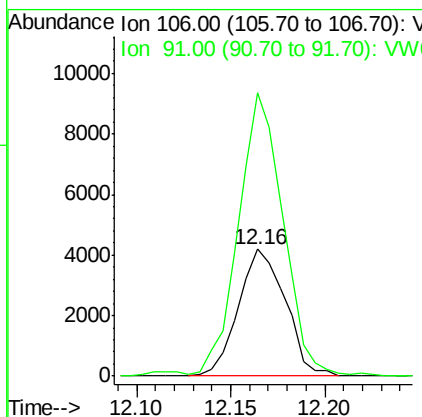




#55
o-xylene
Concen: 0.971 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
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Acq: 29 Apr 2019 23:41

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:106 Resp: 7234
Ion Ratio Lower Upper
106 100
91 223.3 156.2 290.2



#69
Naphthalene
Concen: 1.216 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010198.D
Acq: 29 Apr 2019 23:41

Tgt Ion:128 Resp: 7493
Ion Ratio Lower Upper
128 100
129 12.9 8.6 12.8#
127 17.2 10.6 15.8#

