

Data File : VW011272.D
Acq On : 15 Jul 2019 20:12
Operator : SY/VA
Sample : K3798-12
Misc : 4.46G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52J1

Quant Time: Jul 16 05:07:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	297842	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	246724	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	88219	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	68718	15.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.44%
7) Chloroethane-d5	2.88	69	58541	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.40%
10) 1,1-Dichloroethene-d2	4.01	63	125297	13.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.04%
20) 2-Butanone-d5	7.07	46	92402	51.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.16%
24) Chloroform-d	7.65	84	174737	21.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	8.37	65	144	0.03	ug/L	0.07
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	342910	22.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.24%
33) 1,2-Dichloropropane-d6	9.27	67	119572	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.64%
37) Toluene-d8	10.32	98	282285	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.36%
38) trans-1,3-Dichloropropene-	10.58	79	43659	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.96%
39) 2-Hexanone-d5	10.92	63	61430	54.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96019	23.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	70785	20.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.60%

Target Compounds

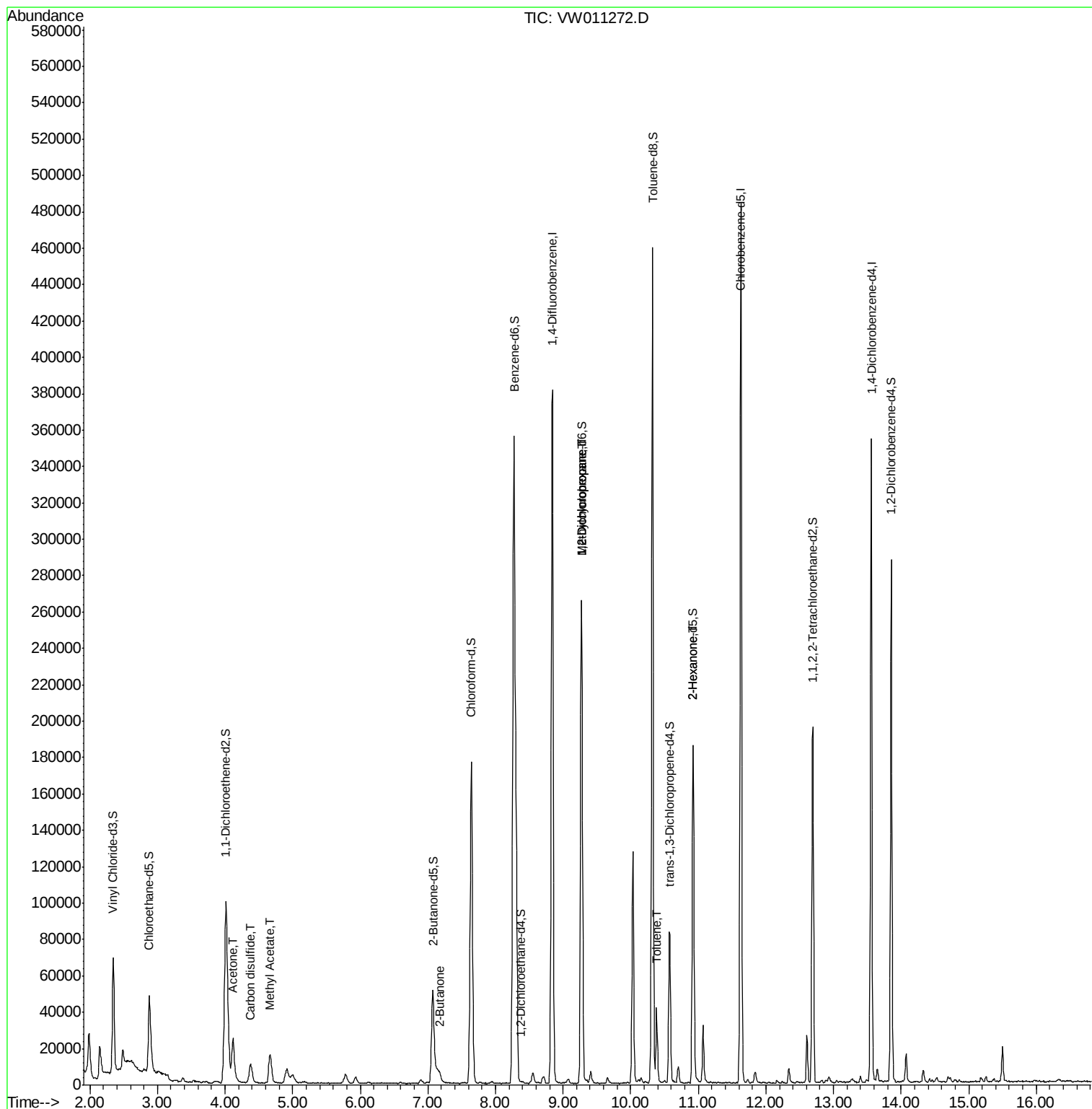
						Qvalue
13) Acetone	4.12	43	41572	23.757	ug/L	98
14) Carbon disulfide	4.37	76	9871	0.882	ug/L	99
15) Methyl Acetate	4.67	43	31863	11.190	ug/L	99
21) 2-Butanone	7.17	43	9075	4.017	ug/L	89
36) Methylcyclohexane	9.27	83	27452	3.920	ug/L #	15
40) 1,2-Dichloropropane	9.27	63	13730	3.249	ug/L #	88
44) Toluene	10.38	91	28127	1.762	ug/L	99
49) 2-Hexanone	10.92	43	8487	2.977	ug/L #	67

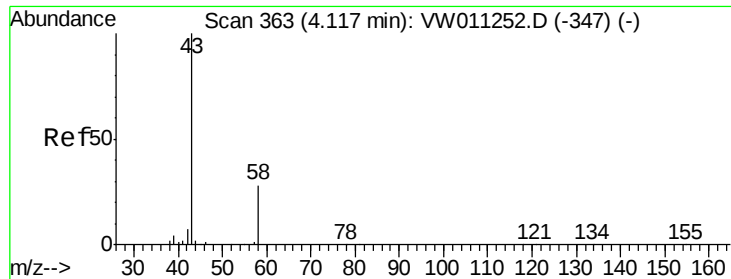
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 23.757 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011272.D

Acq: 15 Jul 2019 20:12

Instrument :

MSVOA_W

ClientSampleId :

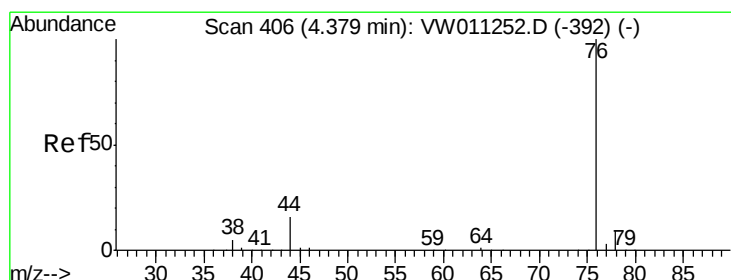
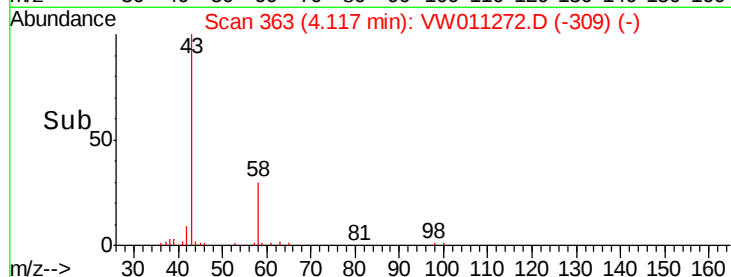
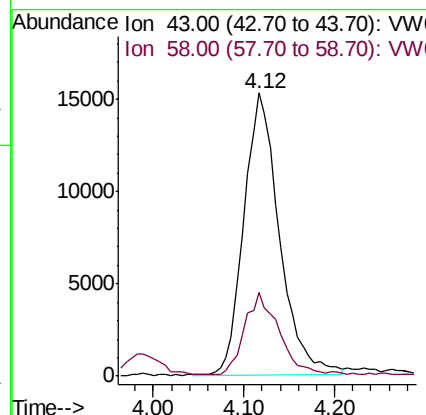
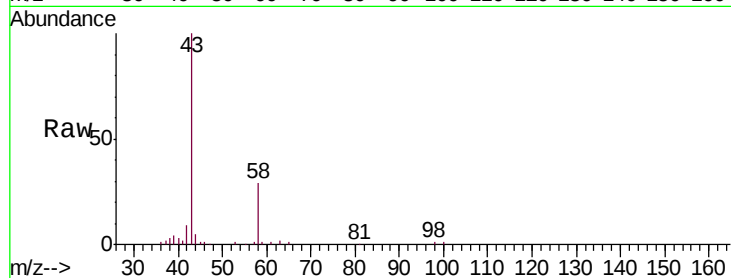
A52J1

Tgt Ion: 43 Resp: 41572

Ion Ratio Lower Upper

43 100

58 28.8 0.0 55.0



#14

Carbon disulfide

Concen: 0.882 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW011272.D

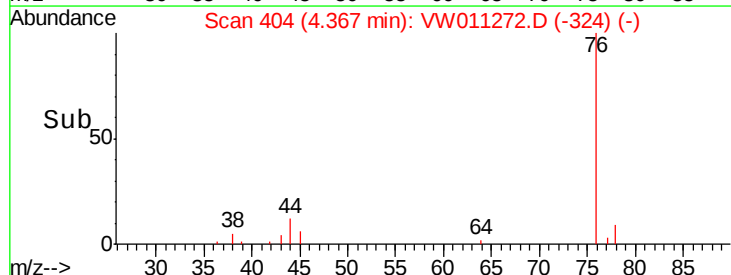
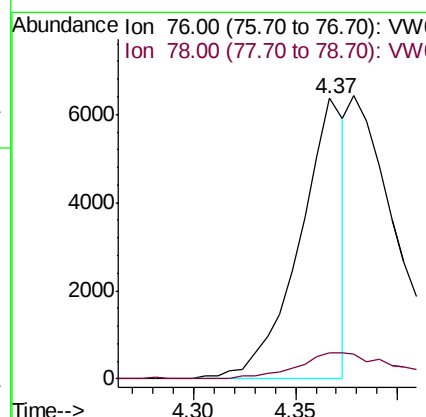
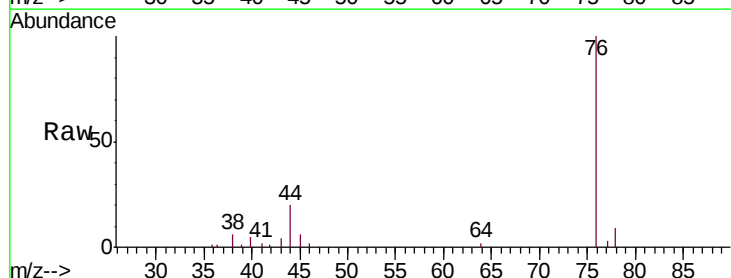
Acq: 15 Jul 2019 20:12

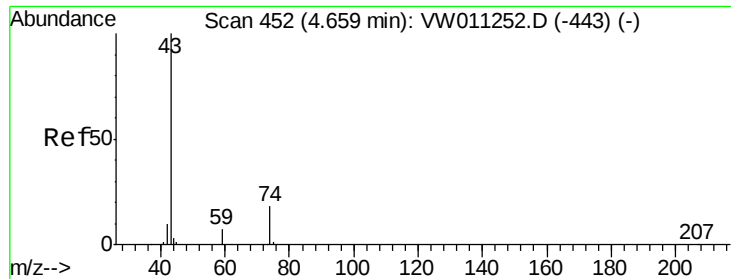
Tgt Ion: 76 Resp: 9871

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

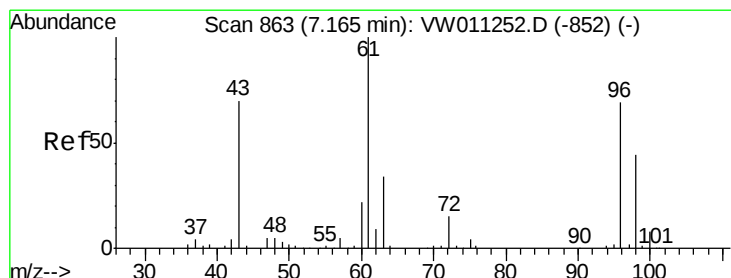
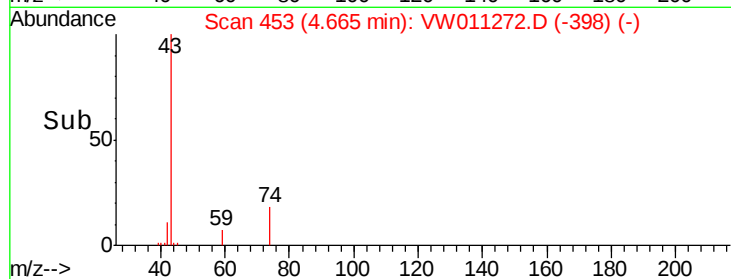
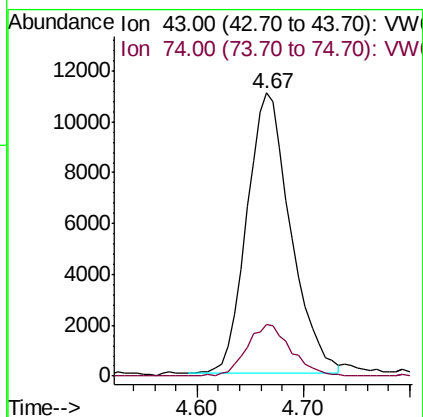
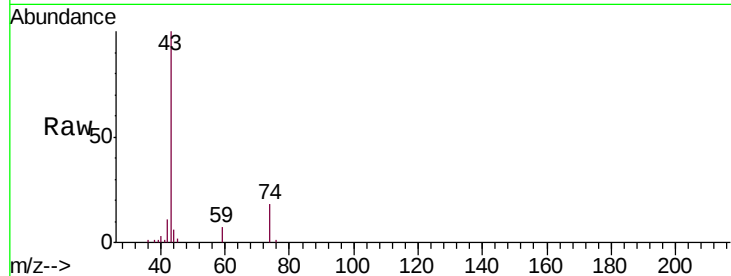




#15
Methyl Acetate
Concen: 11.190 ug/L
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW011272.D
Acq: 15 Jul 2019 20:12

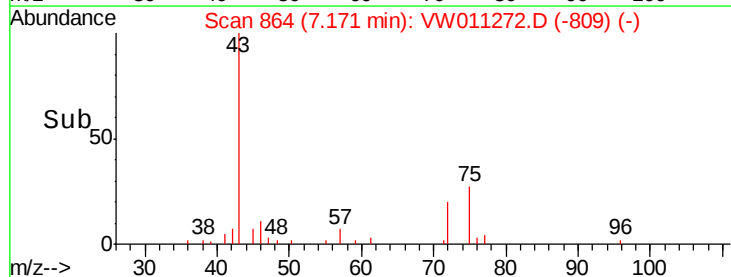
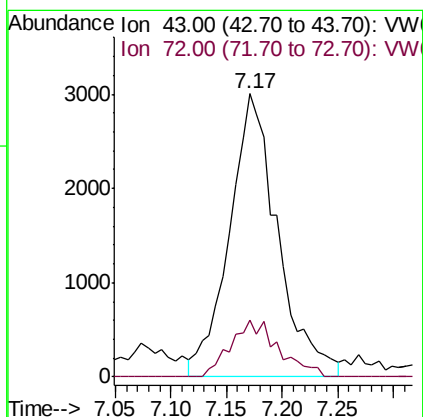
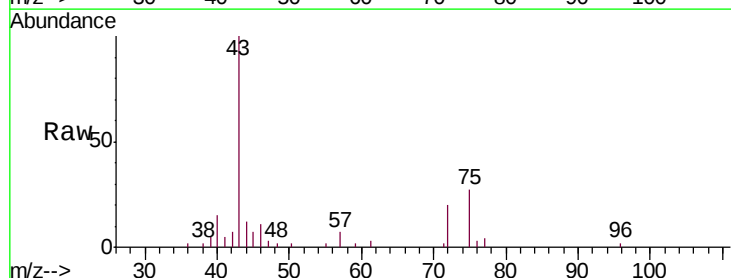
Instrument :
MSVOA_W
ClientSampled :
A52J1

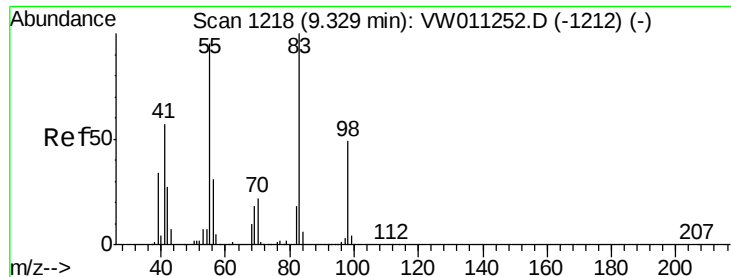
Tgt Ion: 43 Resp: 31863
Ion Ratio Lower Upper
43 100
74 18.5 15.1 22.7



#21
2-Butanone
Concen: 4.017 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW011272.D
Acq: 15 Jul 2019 20:12

Tgt Ion: 43 Resp: 9075
Ion Ratio Lower Upper
43 100
72 16.9 11.2 33.6

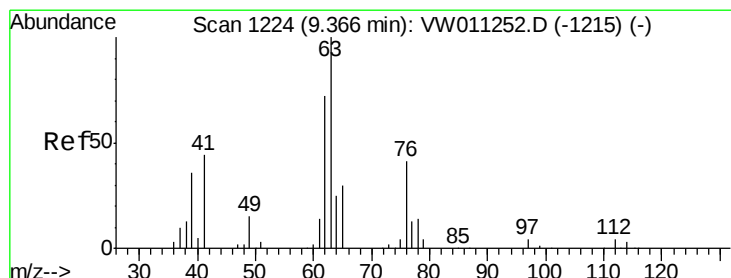
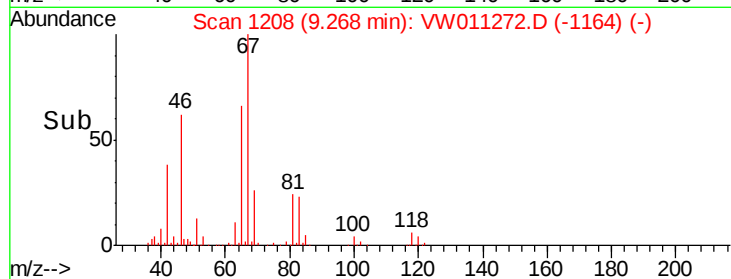
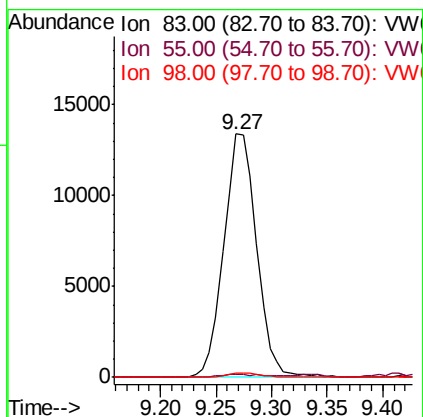
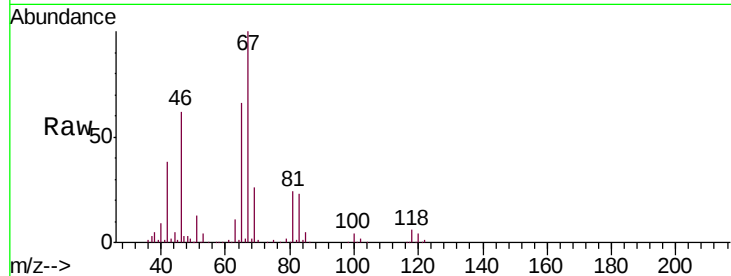




#36
Methylcyclohexane
Concen: 3.920 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.06 min
Lab File: VW011272.D
Acq: 15 Jul 2019 20:12

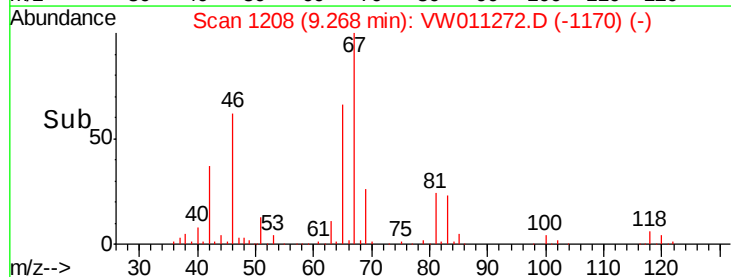
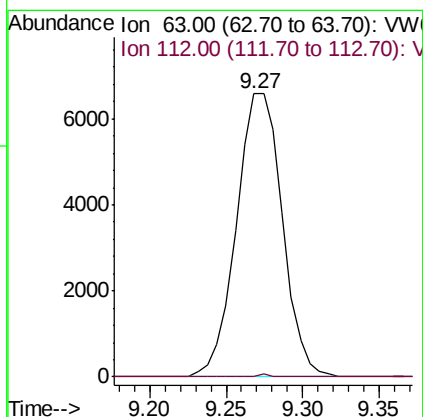
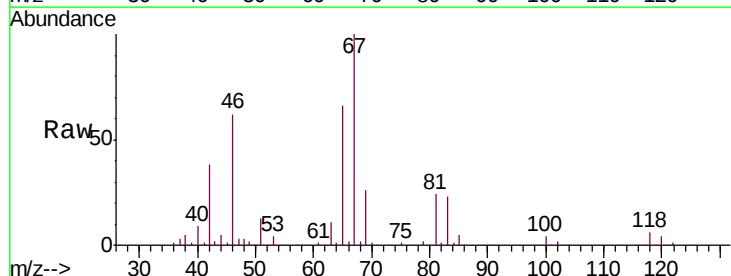
Instrument :
MSVOA_W
ClientSampled :
A52J1

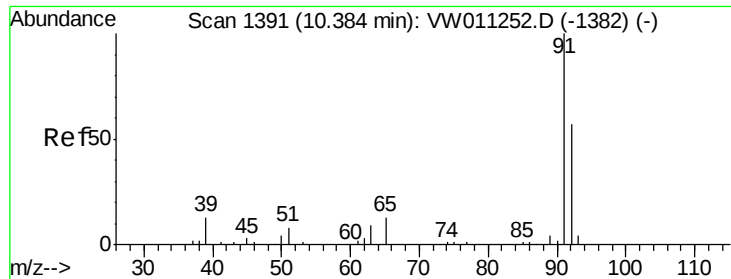
Tgt Ion: 83 Resp: 27452
Ion Ratio Lower Upper
83 100
55 1.0 72.2 108.4#
98 1.9 38.2 57.4#



#40
1,2-Dichloropropane
Concen: 3.249 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.10 min
Lab File: VW011272.D
Acq: 15 Jul 2019 20:12

Tgt Ion: 63 Resp: 13730
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#44

Toluene

Concen: 1.762 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW011272.D

Acq: 15 Jul 2019 20:12

Instrument :

MSVOA_W

ClientSampled :

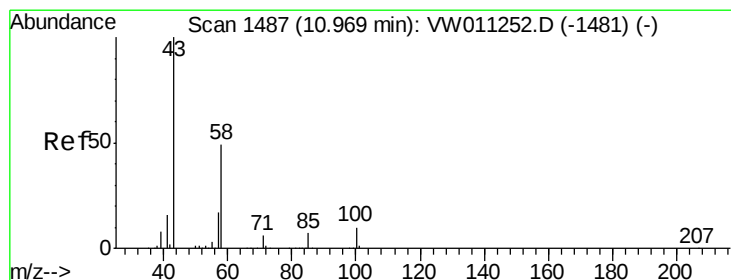
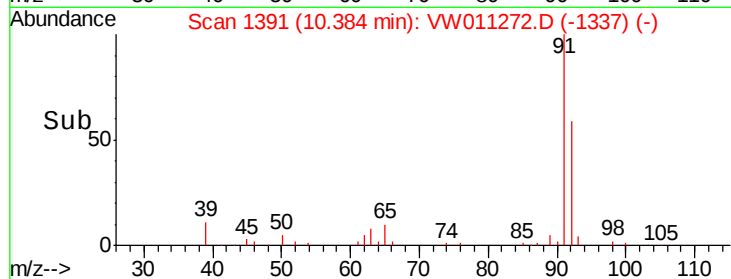
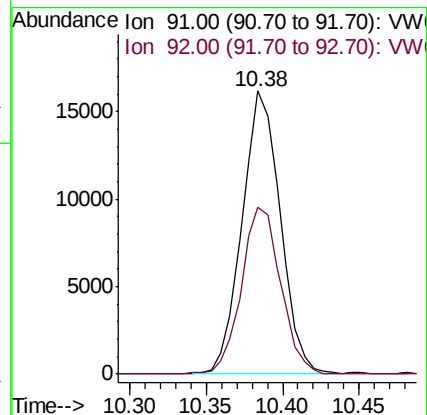
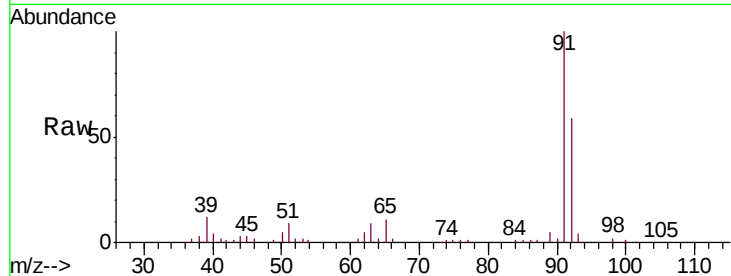
A52J1

Tgt Ion: 91 Resp: 28127

Ion Ratio Lower Upper

91 100

92 58.9 40.8 75.8



#49

2-Hexanone

Concen: 2.977 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW011272.D

Acq: 15 Jul 2019 20:12

Tgt Ion: 43 Resp: 8487

Ion Ratio Lower Upper

43 100

58 21.6 38.4 57.6#

57 25.6 13.3 19.9#

100 0.0 7.3 10.9#

