

Data File : VW011314.D
Acq On : 17 Jul 2019 19:09
Operator : SY/VA
Sample : K3798-09RE
Misc : 3.91G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H6RE

Quant Time: Jul 18 06:40:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 18 06:37:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	271442	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	215036	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	64651	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	60462	14.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.36%
7) Chloroethane-d5	2.88	69	52937	18.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.80%
10) 1,1-Dichloroethene-d2	4.01	63	116599	13.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.12%
20) 2-Butanone-d5	7.07	46	79197	48.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.02%
24) Chloroform-d	7.65	84	169140	22.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.92%
26) 1,2-Dichloroethane-d4	8.31	65	106336	23.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.84%
29) Benzene-d6	8.27	84	326966	24.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.72%
33) 1,2-Dichloropropane-d6	9.27	67	115878	26.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.44%
37) Toluene-d8	10.32	98	265239	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.88%
38) trans-1,3-Dichloropropene-	10.58	79	37941	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.72%
39) 2-Hexanone-d5	10.93	63	48825	49.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78979	22.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	53185	21.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.72%

Target Compounds

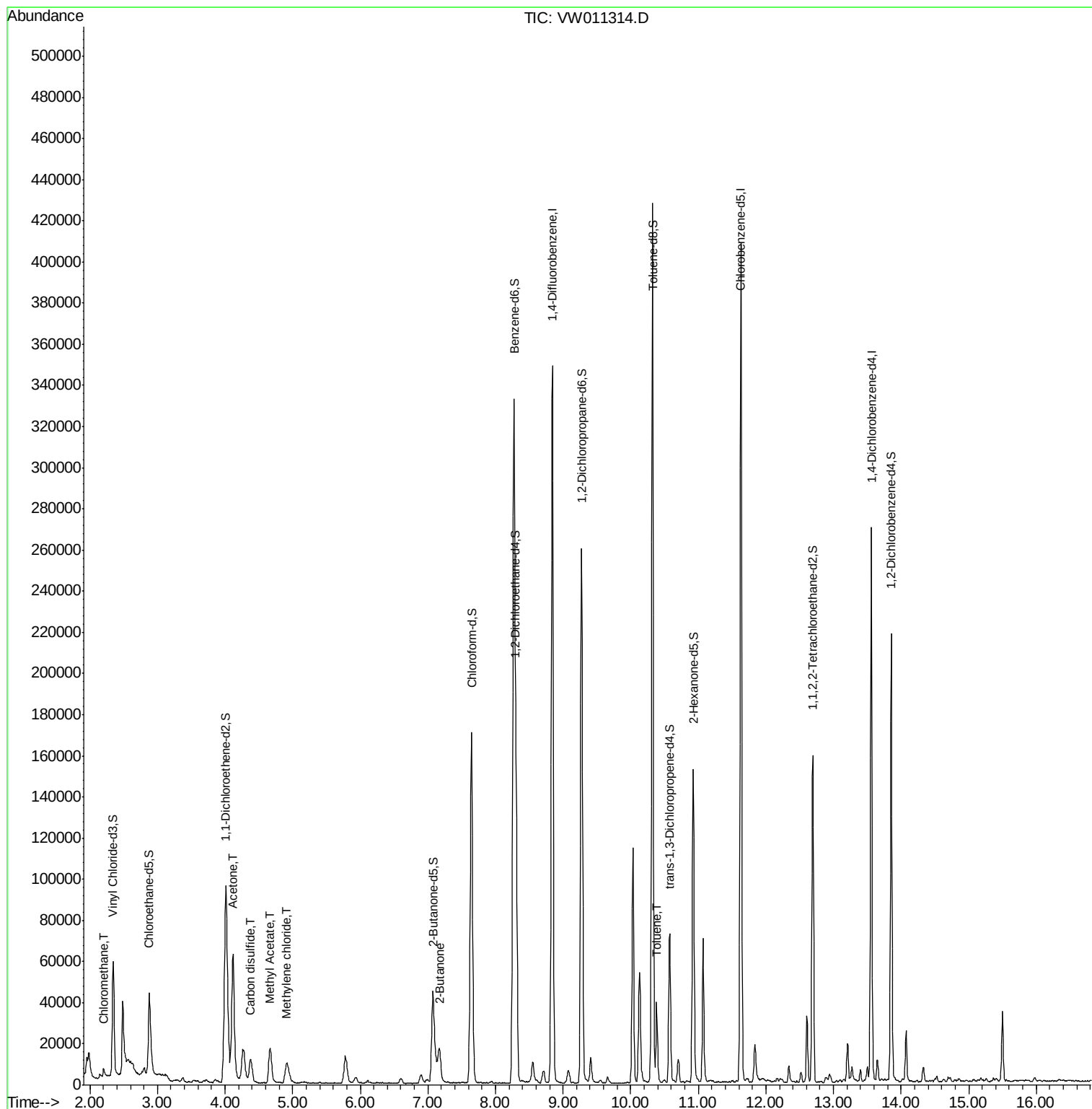
					Qvalue
3) Chloromethane	2.21	50	2685	0.741 ug/L	97
13) Acetone	4.12	43	111856	70.140 ug/L	99
14) Carbon disulfide	4.38	76	23732	2.326 ug/L	97
15) Methyl Acetate	4.67	43	34836	13.425 ug/L	99
16) Methylene chloride	4.91	84	7803	1.956 ug/L	93
21) 2-Butanone	7.17	43	24071	11.692 ug/L	100
44) Toluene	10.38	91	27090	1.947 ug/L	99

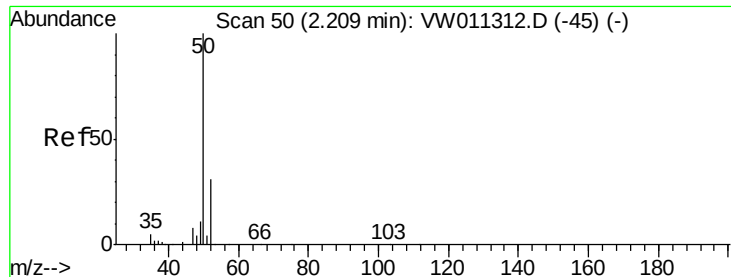
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.741 ug/L

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

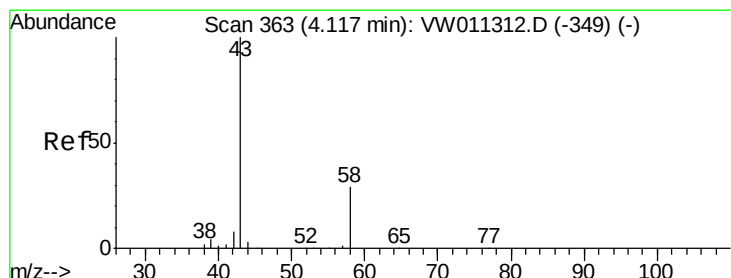
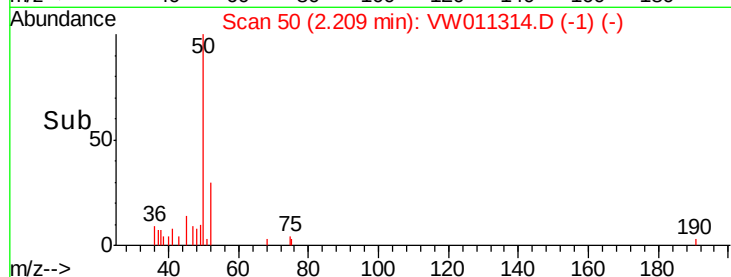
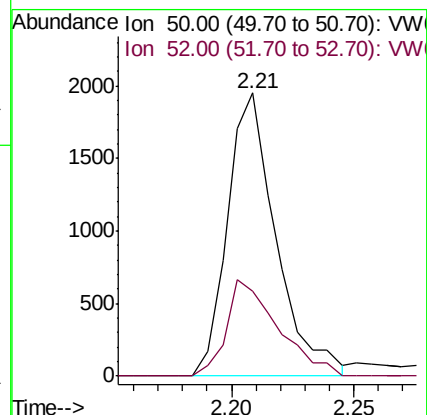
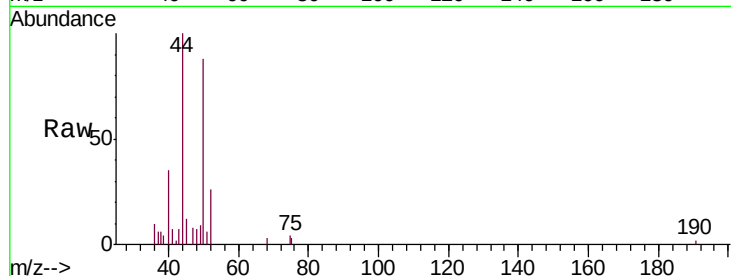
A52H6RE

Tgt Ion: 50 Resp: 2685

Ion Ratio Lower Upper

50 100

52 30.0 22.3 41.5



#13

Acetone

Concen: 70.140 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011314.D

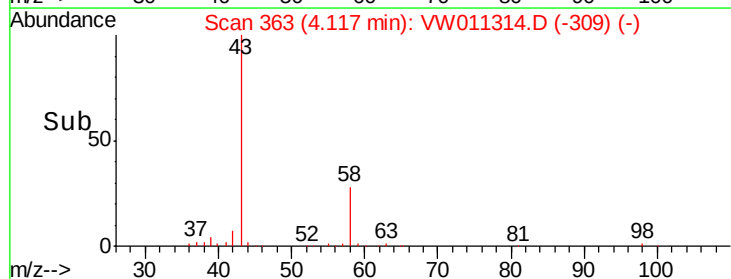
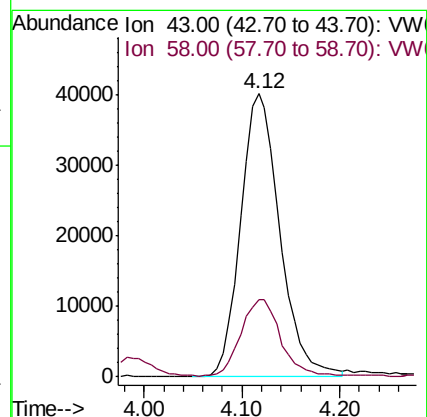
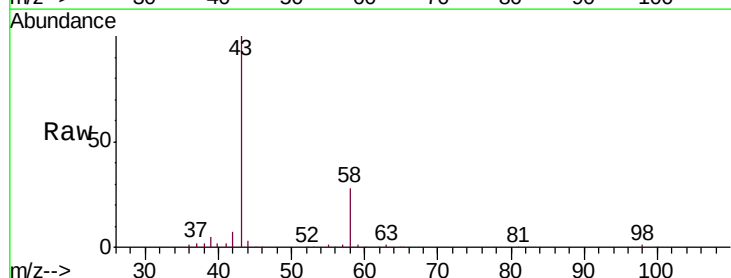
Acq: 17 Jul 2019 19:09

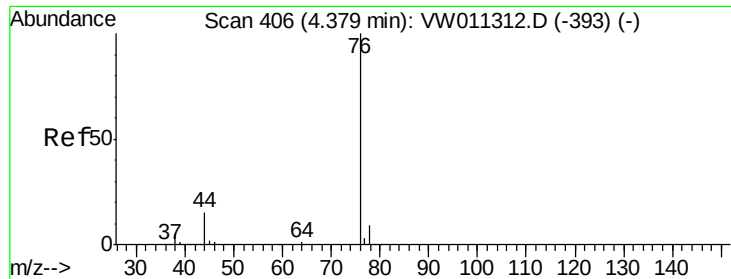
Tgt Ion: 43 Resp: 111856

Ion Ratio Lower Upper

43 100

58 27.2 0.0 55.0

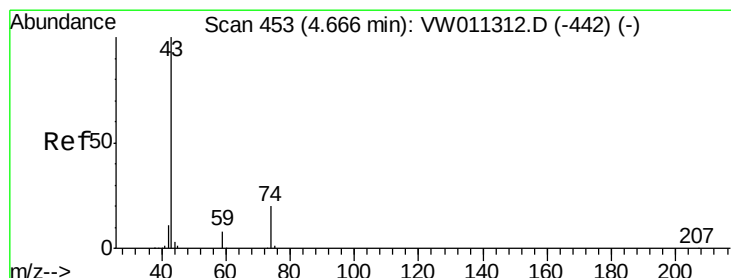
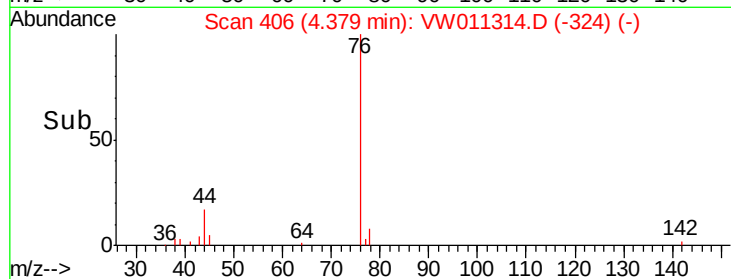
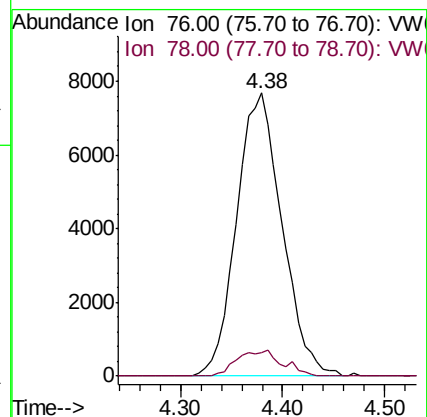
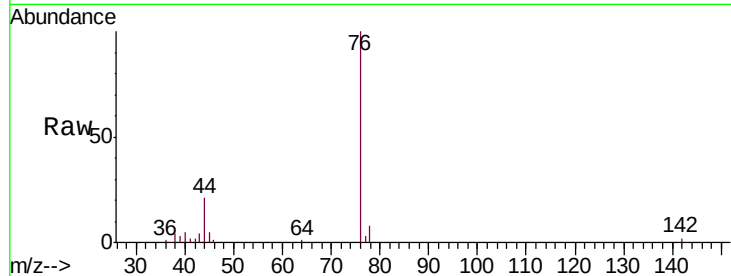




#14
Carbon disulfide
Concen: 2.326 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
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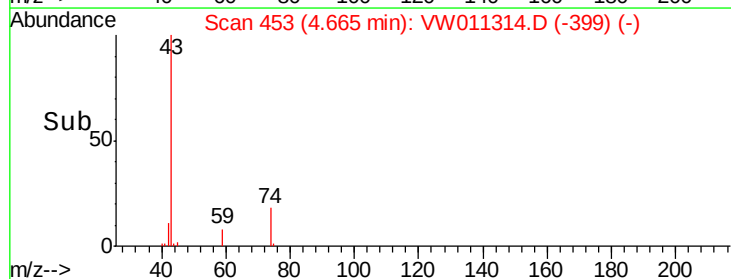
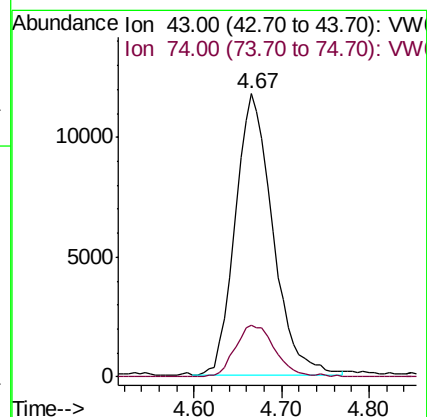
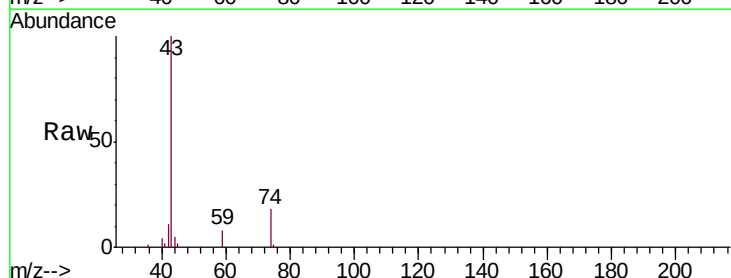
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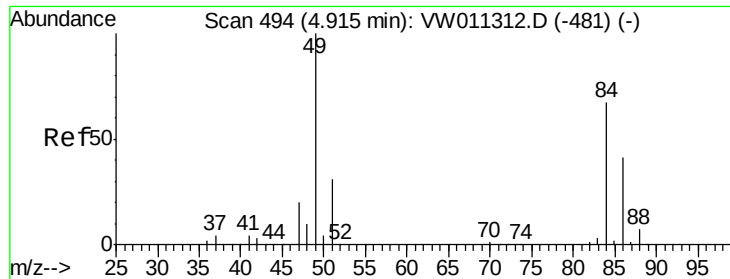
Tgt Ion: 76 Resp: 23732
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9



#15
Methyl Acetate
Concen: 13.425 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW011314.D
Acq: 17 Jul 2019 19:09

Tgt Ion: 43 Resp: 34836
Ion Ratio Lower Upper
43 100
74 19.4 15.1 22.7

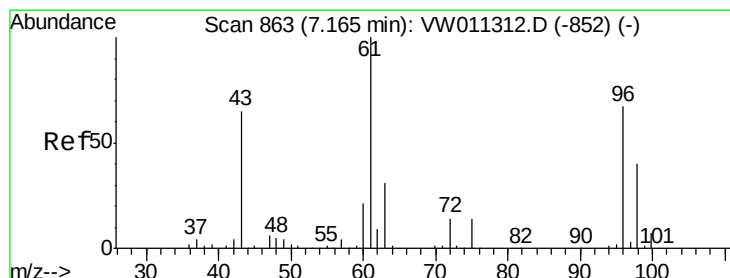
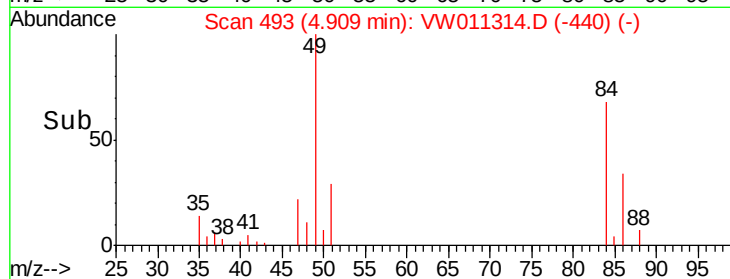
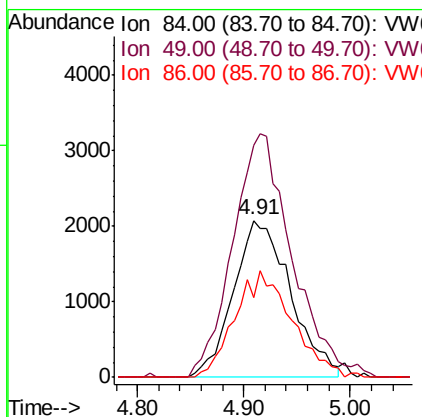
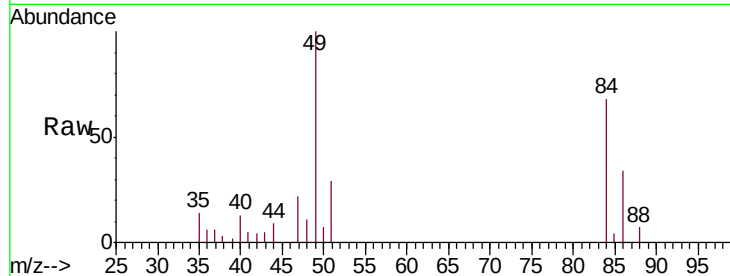




#16
Methylene chloride
Concen: 1.956 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011314.D
Acq: 17 Jul 2019 19:09

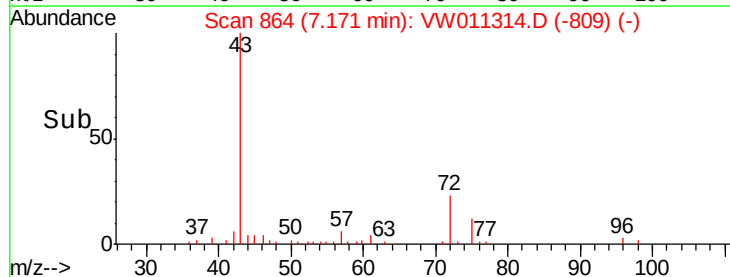
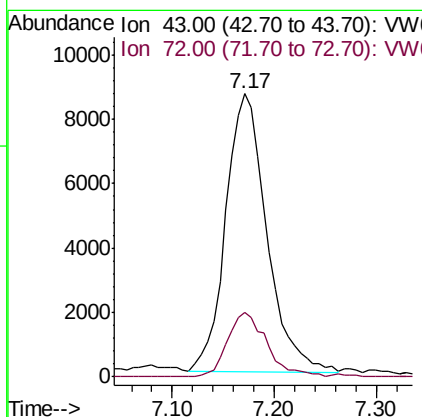
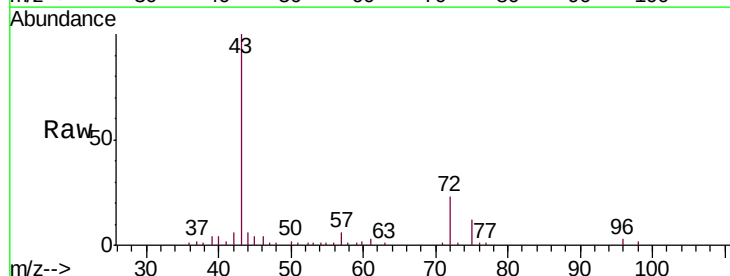
Instrument :
MSVOA_W
ClientSampleId :
A52H6RE

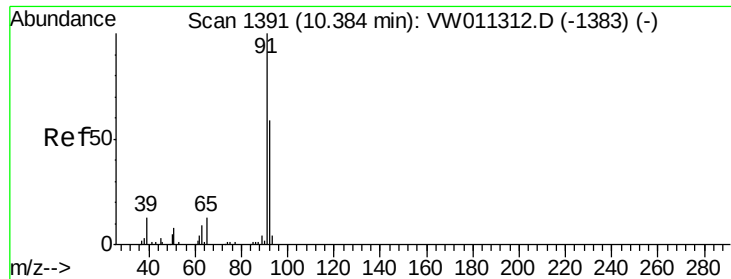
Tgt Ion: 84 Resp: 7803
Ion Ratio Lower Upper
84 100
49 147.9 102.5 190.3
86 51.0 46.4 86.2



#21
2-Butanone
Concen: 11.692 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW011314.D
Acq: 17 Jul 2019 19:09

Tgt Ion: 43 Resp: 24071
Ion Ratio Lower Upper
43 100
72 22.3 11.2 33.6





#44

Toluene

Concen: 1.947 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW011314.D

Acq: 17 Jul 2019 19:09

Instrument :

MSVOA_W

ClientSampleId :

A52H6RE

Tgt Ion: 91 Resp: 27090

Ion Ratio Lower Upper

91 100

92 57.5 40.8 75.8

