

Data File : VW014695.D
Acq On : 20 Jan 2020 15:12
Operator : SY/VA
Sample : L1118-23
Misc : 4.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASN8

Quant Time: Jan 21 03:43:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 21 03:38:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	680002	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	612344	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	241097	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	218836	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.32%
7) Chloroethane-d5	2.89	69	183982	26.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.20%
10) 1,1-Dichloroethene-d2	4.01	63	328625	18.74	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.96%
20) 2-Butanone-d5	7.07	46	102320	44.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.72%
24) Chloroform-d	7.65	84	425973	27.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.92%
26) 1,2-Dichloroethane-d4	8.31	65	217980	26.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.40%
29) Benzene-d6	8.27	84	880238	27.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.12%
33) 1,2-Dichloropropane-d6	9.27	67	273275	27.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.64%
37) Toluene-d8	10.32	98	769743	26.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.32%
38) trans-1,3-Dichloropropene-	10.57	79	96749	23.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.68%
39) 2-Hexanone-d5	10.92	63	76122	45.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	187092	25.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	227535	28.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.56%

Target Compounds

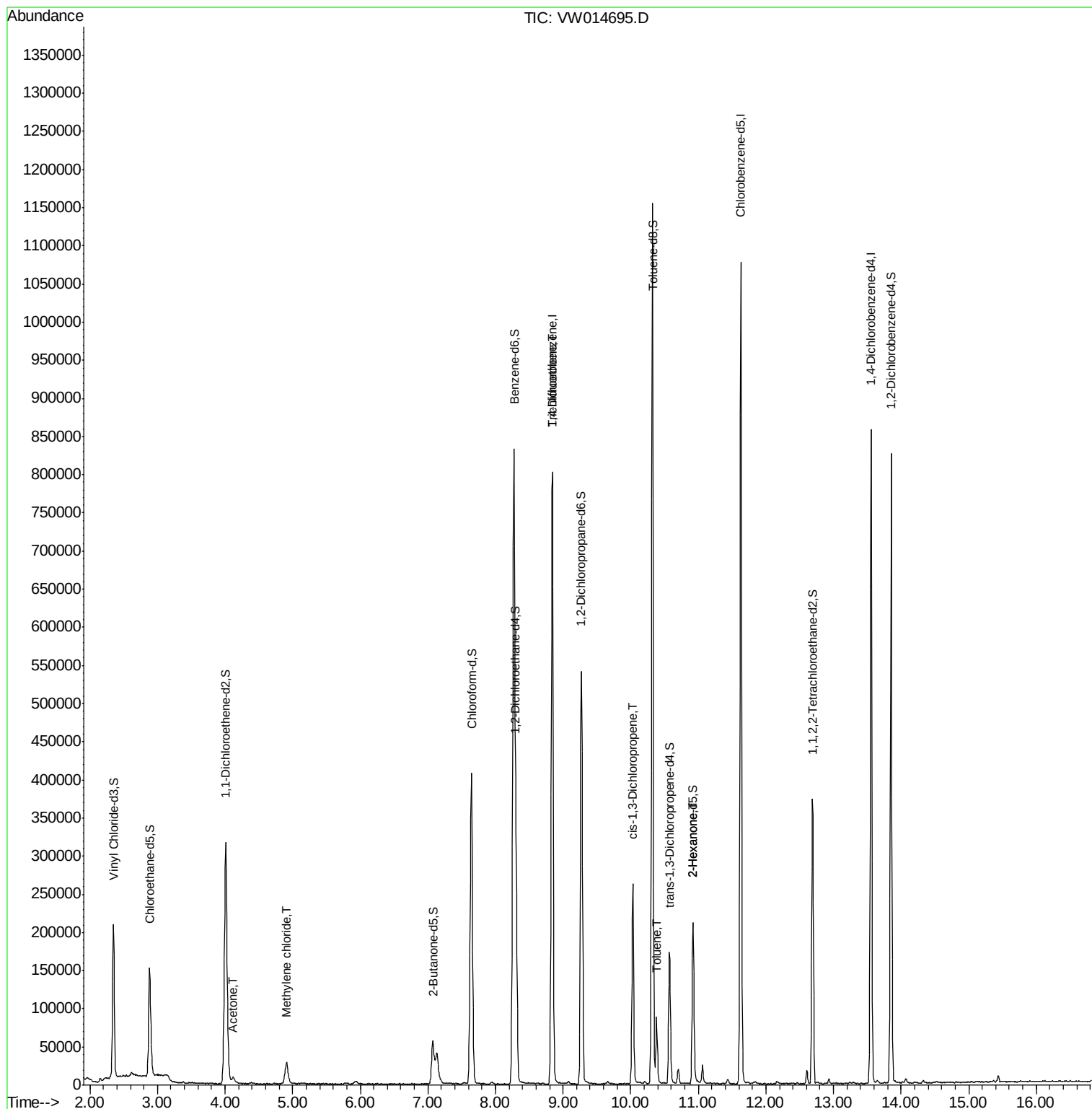
					Qvalue
13) Acetone	4.12	43	12809	4.056 ug/L	96
16) Methylene chloride	4.91	84	21721	1.959 ug/L	95
35) Trichloroethene	8.84	95	19490	2.049 ug/L #	4
42) cis-1,3-Dichloropropene	10.03	75	6165	0.442 ug/L #	73
44) Toluene	10.39	91	66403	1.724 ug/L	99
49) 2-Hexanone	10.92	43	10130	2.478 ug/L #	47

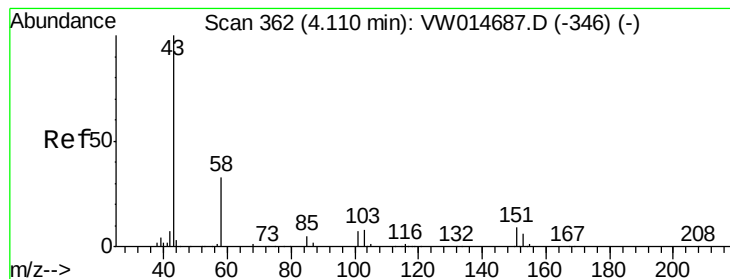
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.056 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 20 Jan 2020 15:12

Instrument :

MSVOA_W

ClientSampleId :

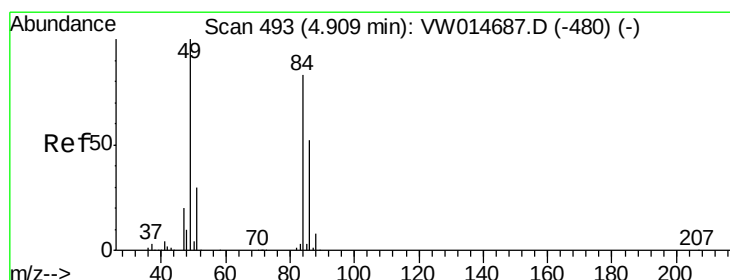
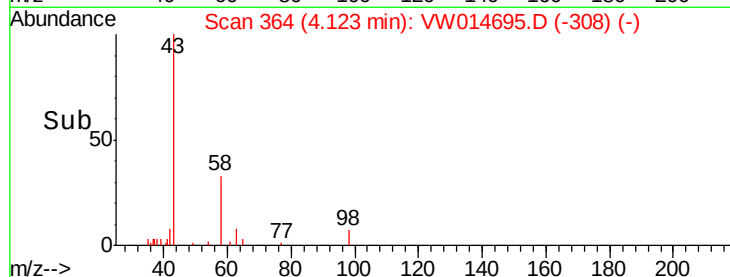
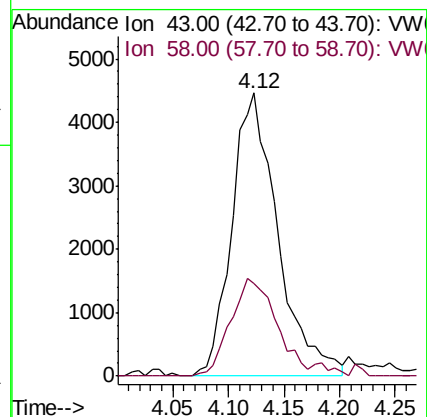
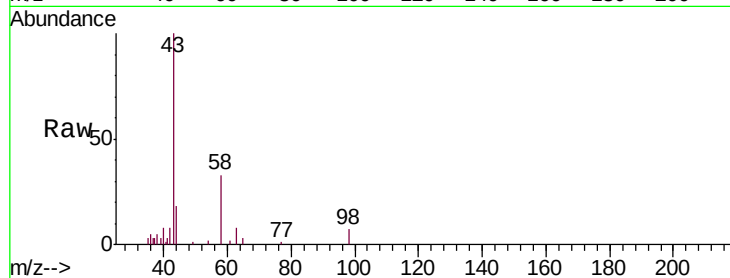
GASN8

Tgt Ion: 43 Resp: 12809

Ion Ratio Lower Upper

43 100

58 34.2 0.0 64.0



#16

Methylene chloride

Concen: 1.959 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

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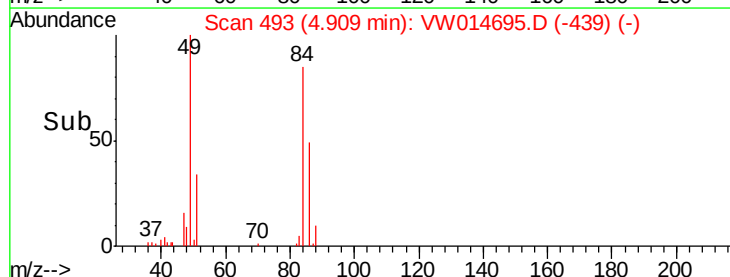
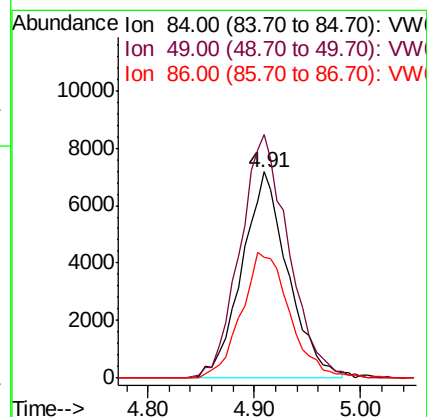
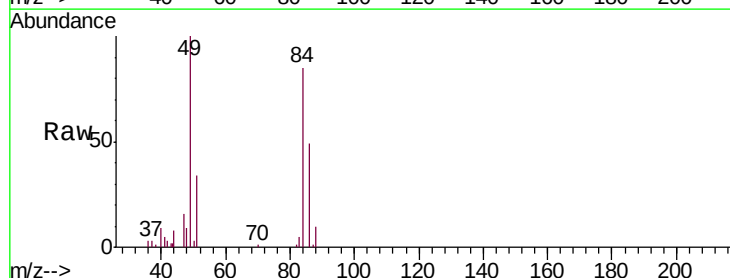
Tgt Ion: 84 Resp: 21721

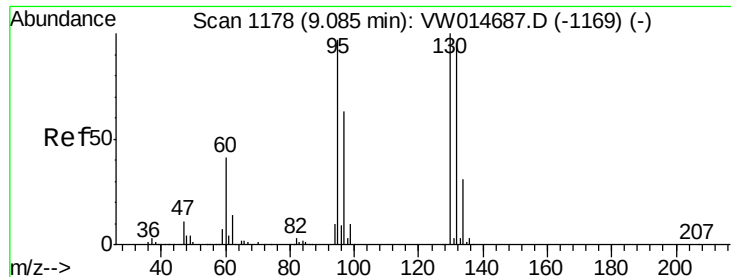
Ion Ratio Lower Upper

84 100

49 118.2 85.8 159.4

86 58.4 44.5 82.7





#35

Trichloroethene

Concen: 2.049 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW014695.D

Acq: 20 Jan 2020 15:12

Instrument :

MSVOA_W

ClientSampled :

GASN8

Tgt Ion: 95 Resp: 19490

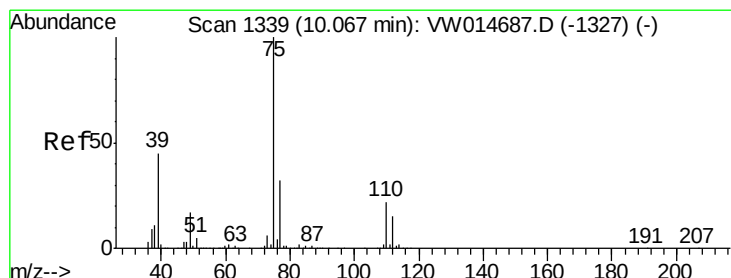
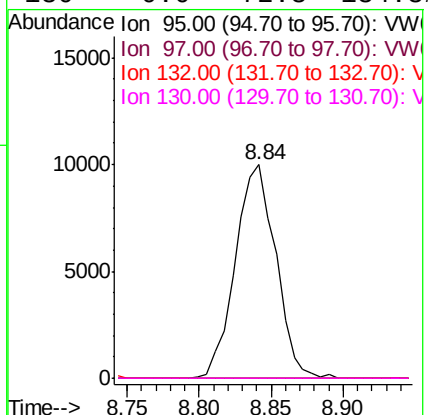
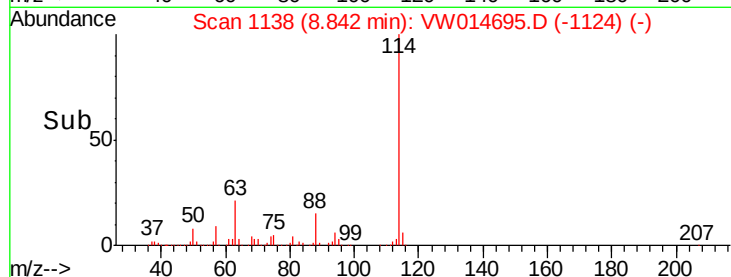
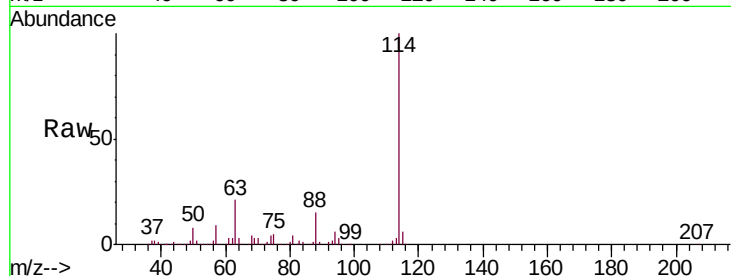
Ion Ratio Lower Upper

95 100

97 0.2 44.3 82.3#

132 0.0 69.2 128.6#

130 0.0 72.3 134.3#



#42

cis-1,3-Dichloropropene

Concen: 0.442 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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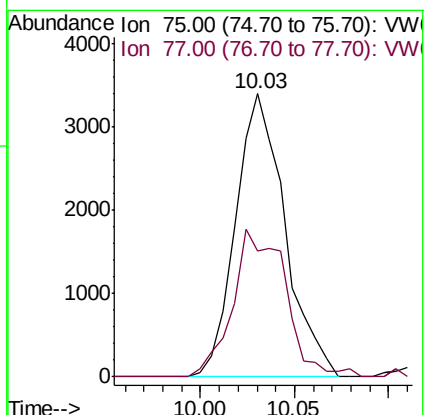
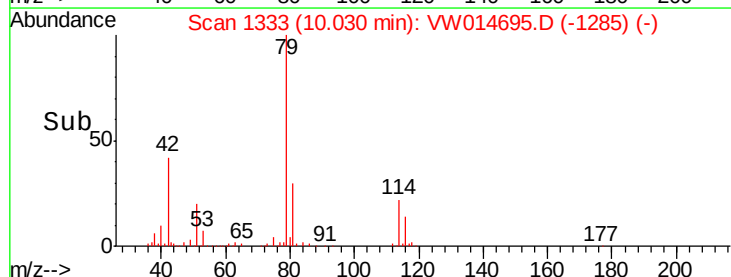
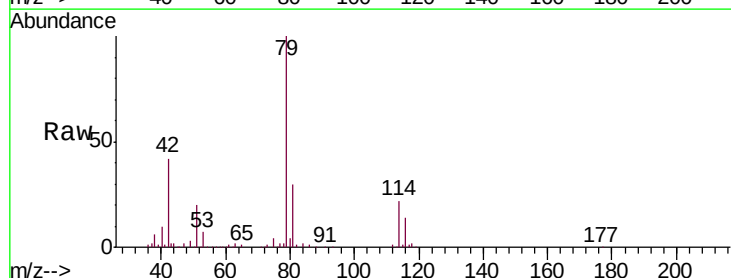
Acq: 20 Jan 2020 15:12

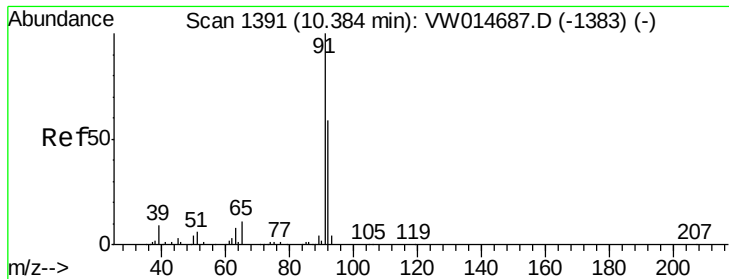
Tgt Ion: 75 Resp: 6165

Ion Ratio Lower Upper

75 100

77 44.5 21.0 39.0#





#44

Toluene

Concen: 1.724 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW014695.D

Acq: 20 Jan 2020 15:12

Instrument :

MSVOA_W

ClientSampleId :

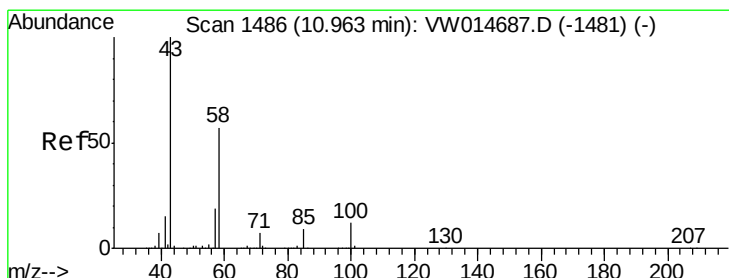
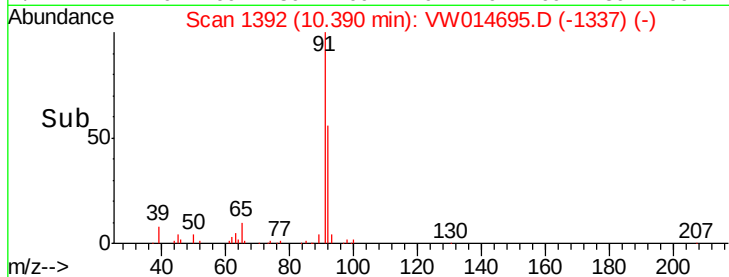
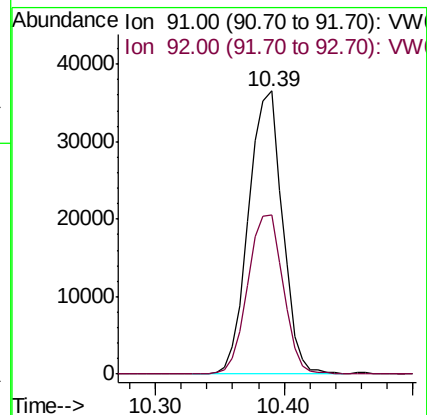
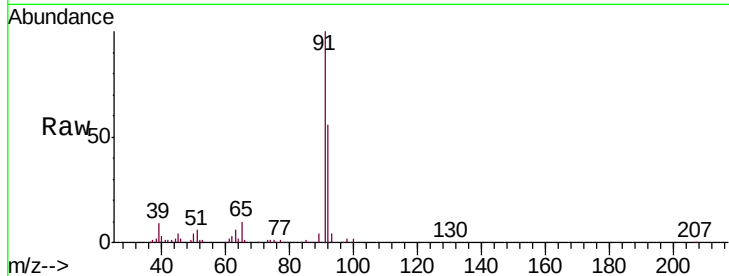
GASN8

Tgt Ion: 91 Resp: 66403

Ion Ratio Lower Upper

91 100

92 56.3 40.2 74.6



#49

2-Hexanone

Concen: 2.478 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014695.D

Acq: 20 Jan 2020 15:12

Tgt Ion: 43 Resp: 10130

Ion Ratio Lower Upper

43 100

58 0.0 44.9 67.3#

57 19.4 15.3 22.9

100 2.3 10.0 15.0#

