

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081120\
 Data File : VW016135.D
 Acq On : 11 Aug 2020 14:48
 Operator : SY/VA
 Sample : L3599-04
 Misc : 6.58G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY88RE

Quant Time: Aug 11 16:10:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	370057	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298959	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	71694	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109156	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.16%
7) Chloroethane-d5	2.89	69	81821	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.96%
10) 1,1-Dichloroethene-d2	4.01	63	173275	17.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.12%
20) 2-Butanone-d5	7.09	46	79831	66.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.26%
24) Chloroform-d	7.65	84	239758	24.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	8.31	65	143197	27.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.60%
29) Benzene-d6	8.27	84	457229	28.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.44%
33) 1,2-Dichloropropane-d6	9.27	67	139037	29.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.28%
37) Toluene-d8	10.33	98	377162	25.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.16%
38) trans-1,3-Dichloropropene-	10.58	79	61105	28.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.72%
39) 2-Hexanone-d5	10.93	63	62060	75.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.44%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120268	30.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.56%#
61) 1,2-Dichlorobenzene-d4	13.86	152	64806	25.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.00%

Target Compounds

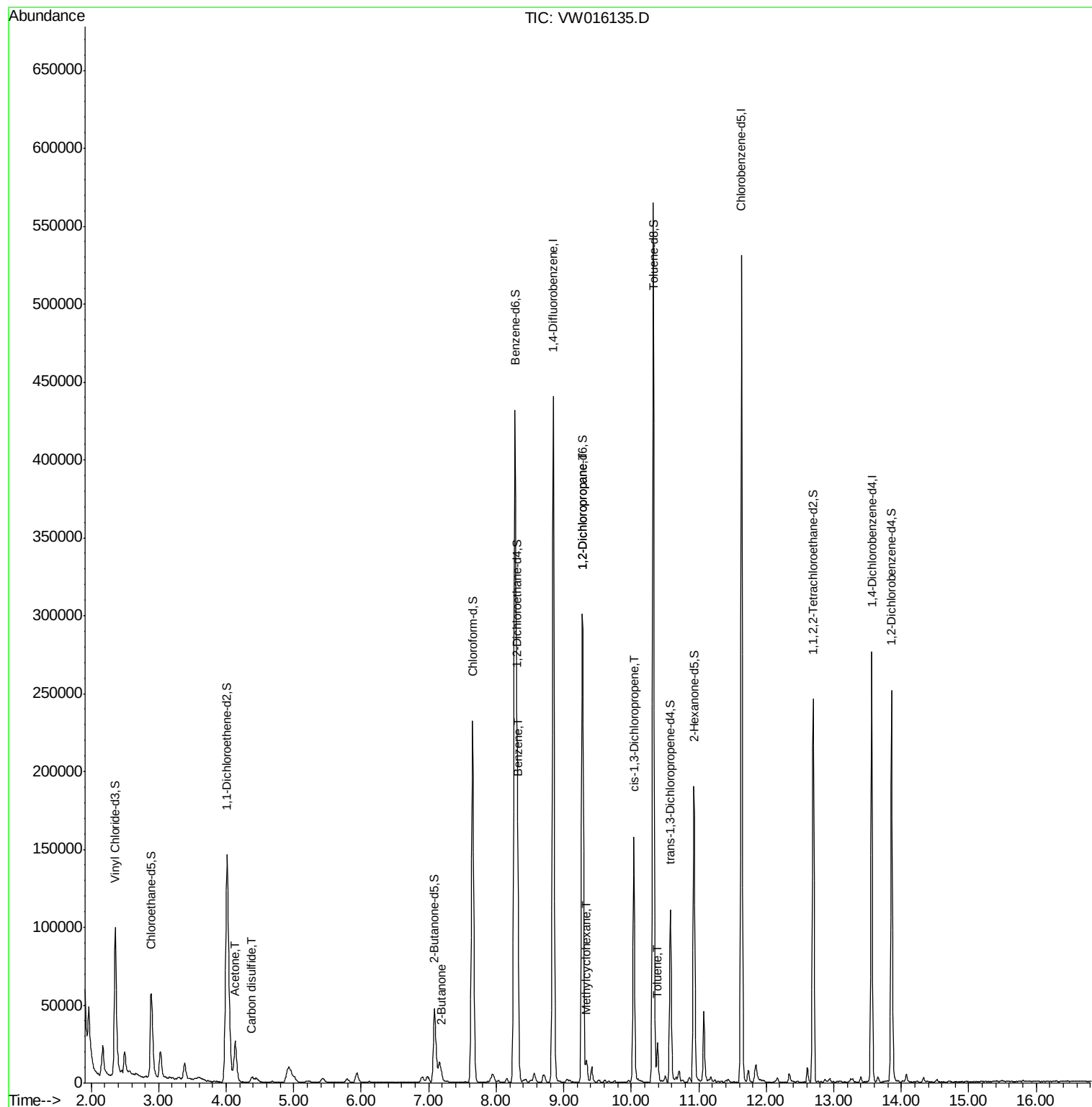
					Qvalue
13) Acetone	4.14	43	44806	49.060 ug/L	98
14) Carbon disulfide	4.37	76	4238	0.284 ug/L #	94
21) 2-Butanone	7.19	43	6431	4.443 ug/L	99
34) Benzene	8.32	78	16973	0.985 ug/L	100
36) Methylcyclohexane	9.34	83	4372	0.573 ug/L #	83
40) 1,2-Dichloropropane	9.27	63	15409	3.640 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	4192	0.650 ug/L	87
44) Toluene	10.39	91	18299	1.006 ug/L	97

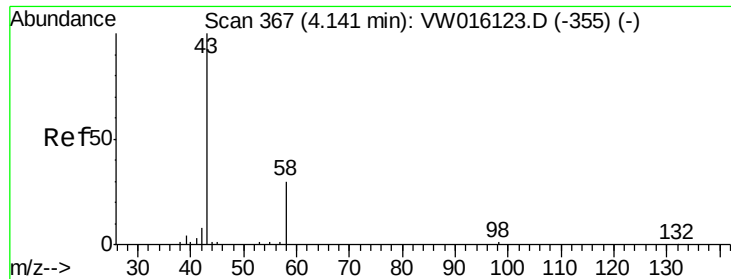
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 11 16:06:11 2020
Response via : Initial Calibration





#13

Acetone

Concen: 49.060 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW016135.D

Acq: 11 Aug 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

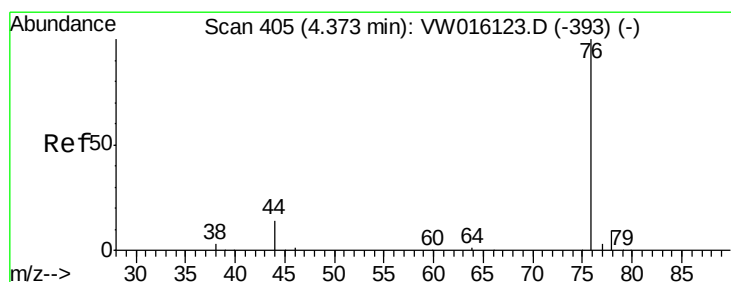
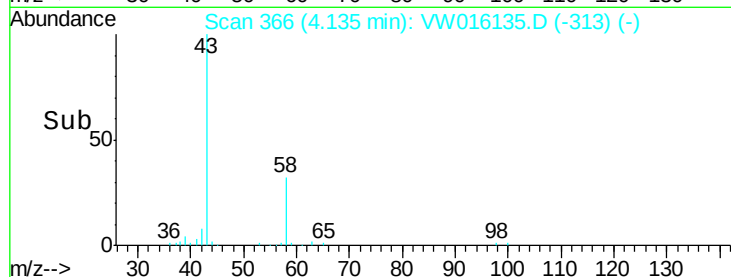
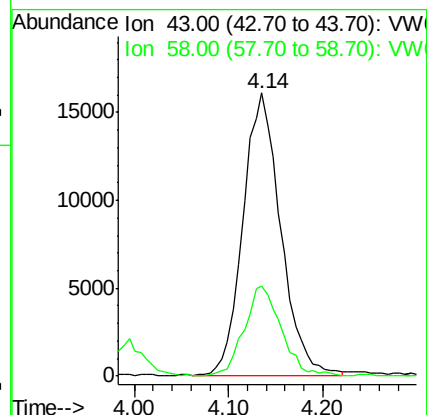
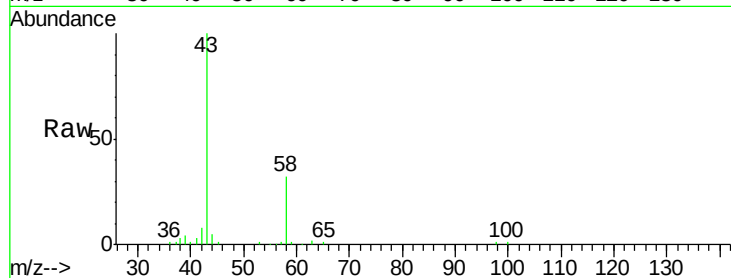
GAY88RE

Tgt Ion: 43 Resp: 44806

Ion Ratio Lower Upper

43 100

58 30.9 0.0 59.4



#14

Carbon disulfide

Concen: 0.284 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW016135.D

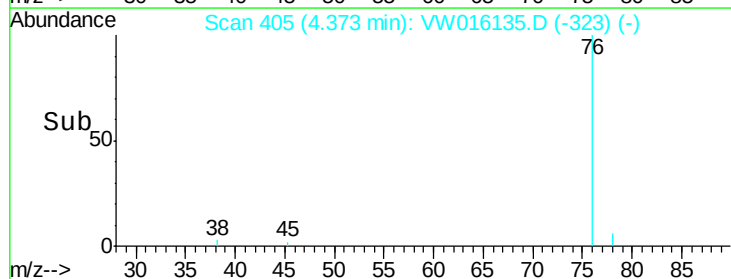
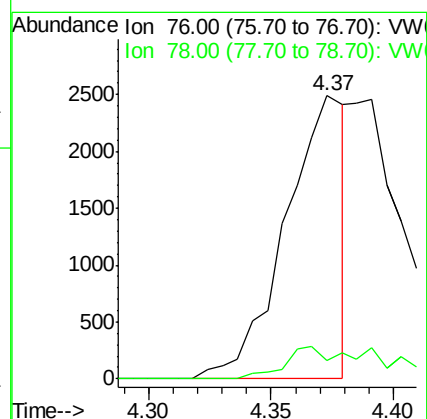
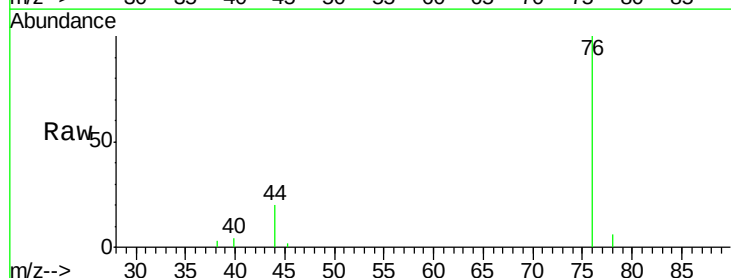
Acq: 11 Aug 2020 14:48

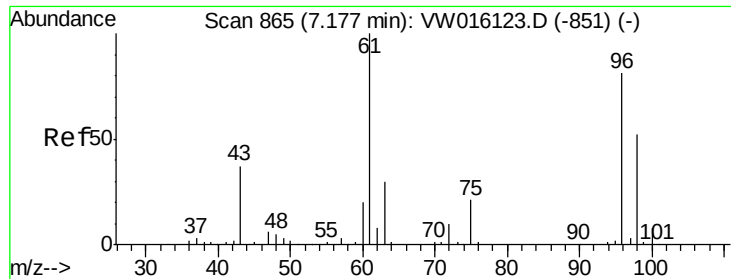
Tgt Ion: 76 Resp: 4238

Ion Ratio Lower Upper

76 100

78 6.4 7.0 10.4#





#21

2-Butanone

Concen: 4.443 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW016135.D

Acq: 11 Aug 2020 14:48

Instrument :

MSVOA_W

ClientSampled :

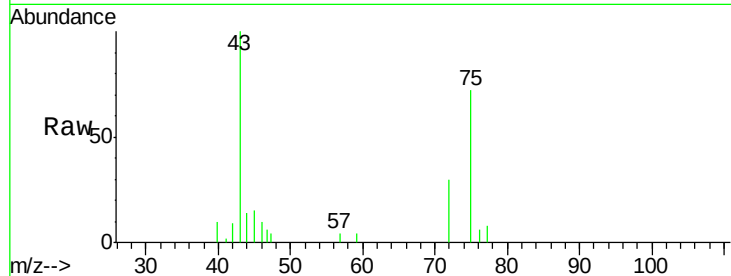
GAY88RE

Tgt Ion: 43 Resp: 6431

Ion Ratio Lower Upper

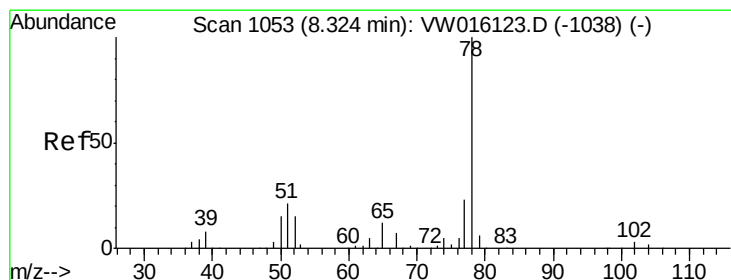
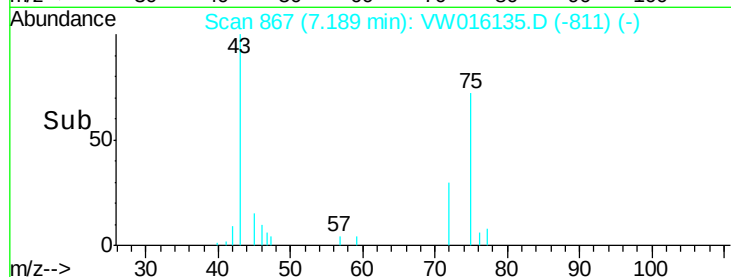
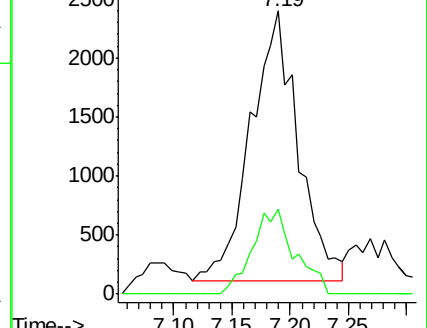
43 100

72 28.3 13.9 41.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#34

Benzene

Concen: 0.985 ug/L

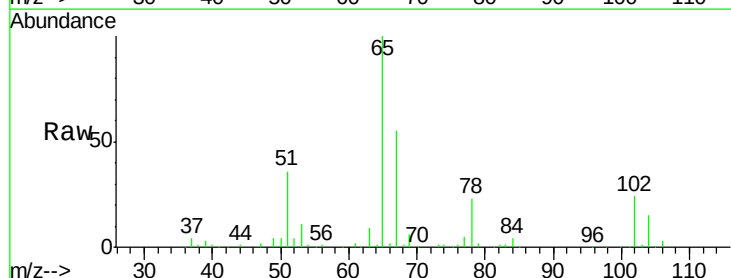
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

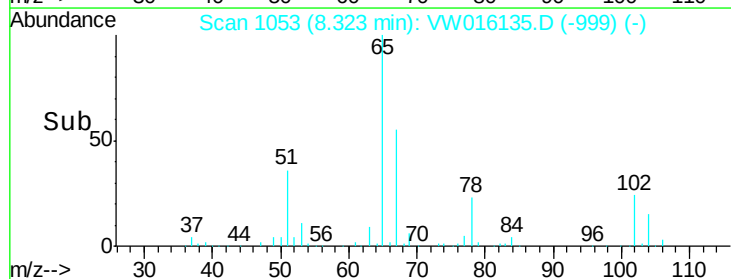
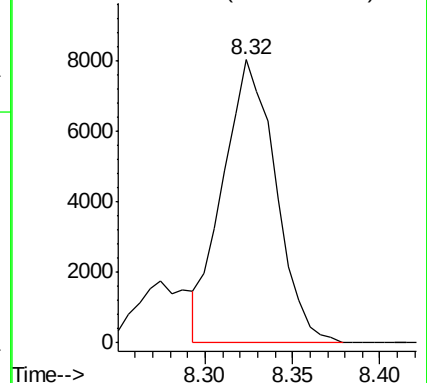
Lab File: VW016135.D

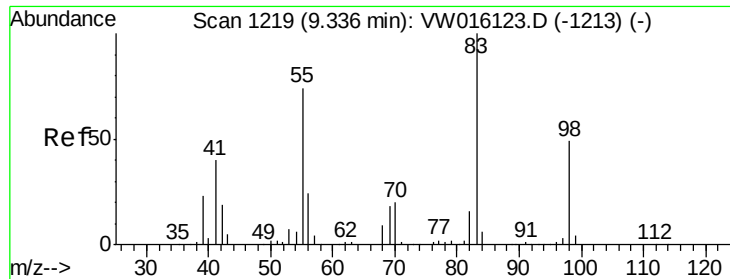
Acq: 11 Aug 2020 14:48

Tgt Ion: 78 Resp: 16973



Abundance Ion 78.00 (77.70 to 78.70): VW

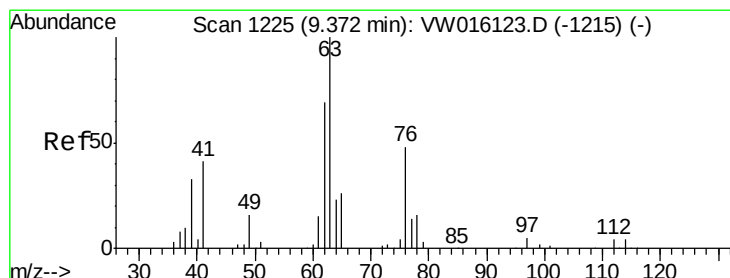
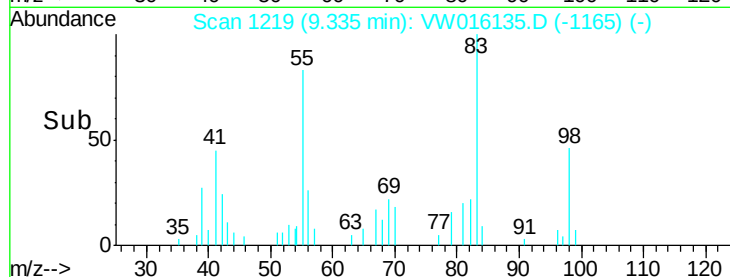
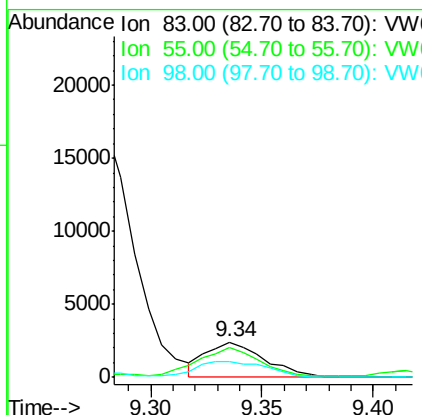
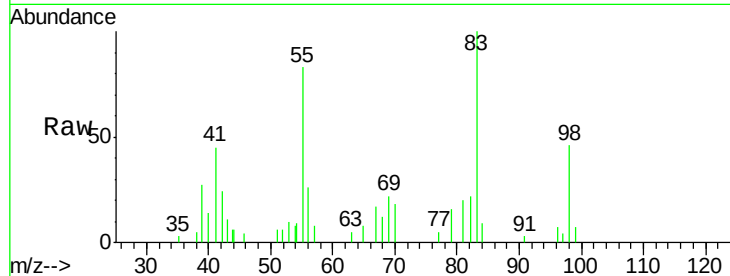




#36
Methylcyclohexane
Concen: 0.573 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW016135.D
Acq: 11 Aug 2020 14:48

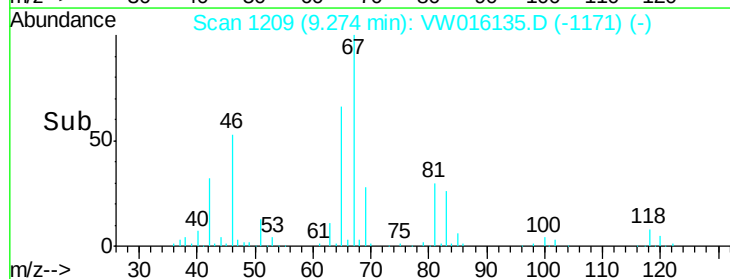
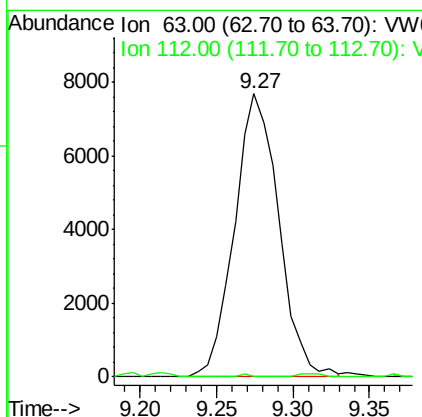
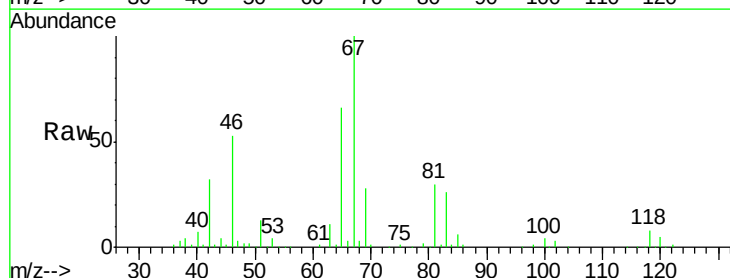
Instrument :
MSVOA_W
ClientSampleId :
GAY88RE

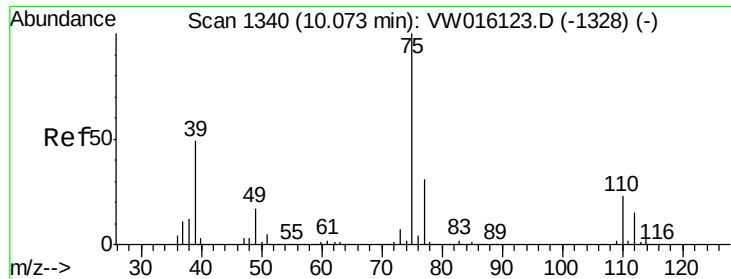
Tgt Ion: 83 Resp: 4372
Ion Ratio Lower Upper
83 100
55 92.4 60.7 91.1#
98 58.1 39.4 59.0



#40
1,2-Dichloropropane
Concen: 3.640 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016135.D
Acq: 11 Aug 2020 14:48

Tgt Ion: 63 Resp: 15409
Ion Ratio Lower Upper
63 100
112 0.5 4.0 6.0#





#42

cis-1,3-Dichloropropene

Concen: 0.650 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016135.D

Acq: 11 Aug 2020 14:48

Instrument :

MSVOA_W

ClientSampleId :

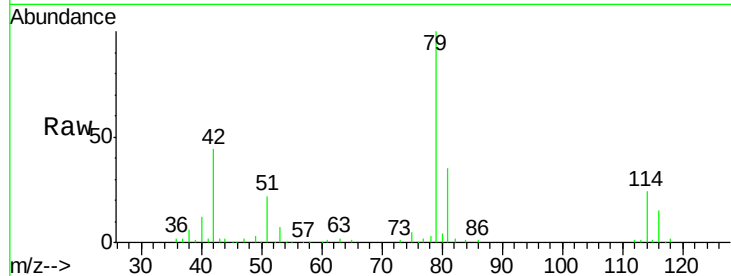
GAY88RE

Tgt Ion: 75 Resp: 4192

Ion Ratio Lower Upper

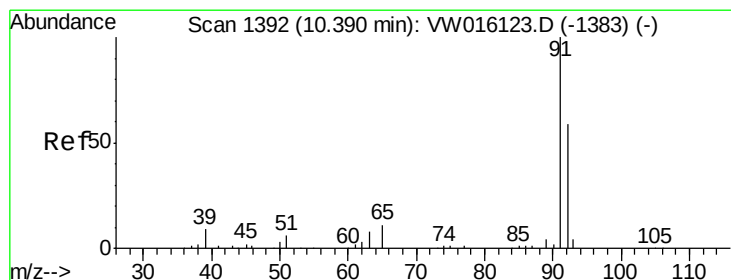
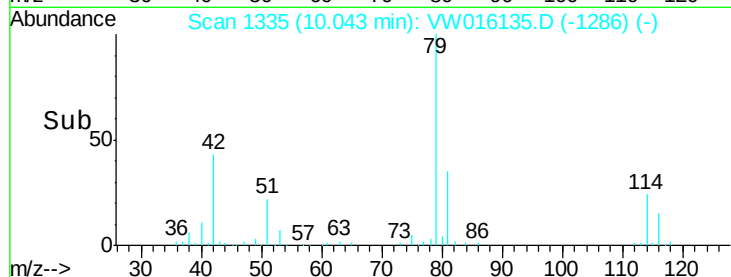
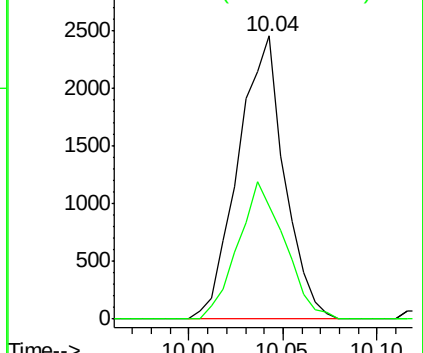
75 100

77 40.0 22.9 42.5



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#44

Toluene

Concen: 1.006 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016135.D

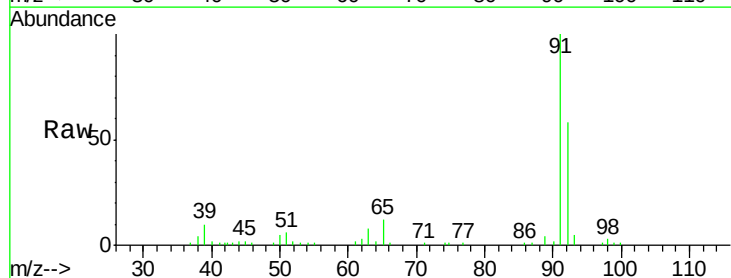
Acq: 11 Aug 2020 14:48

Tgt Ion: 91 Resp: 18299

Ion Ratio Lower Upper

91 100

92 57.8 41.8 77.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

