

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061120\
 Data File : VW015586.D
 Acq On : 11 Jun 2020 13:53
 Operator : SY/VA
 Sample : L2959-05RE
 Misc : 5.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2J9

Quant Time: Jun 12 05:04:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:02:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	331677	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	303160	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132105	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	96758	31.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.32%
7) Chloroethane-d5	2.90	69	77148	25.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.08%
10) 1,1-Dichloroethene-d2	4.01	63	141344	19.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.36%
20) 2-Butanone-d5	7.08	46	40699	41.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.02%
24) Chloroform-d	7.65	84	177713	23.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	8.31	65	99698	23.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.44%
29) Benzene-d6	8.27	84	355399	23.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.60%
33) 1,2-Dichloropropane-d6	9.27	67	102757	22.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.96%
37) Toluene-d8	10.32	98	331669	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.80%
38) trans-1,3-Dichloropropene-	10.58	79	42346	20.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.04%
39) 2-Hexanone-d5	10.93	63	31707	40.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	69135	20.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	104573	23.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.48%

Target Compounds

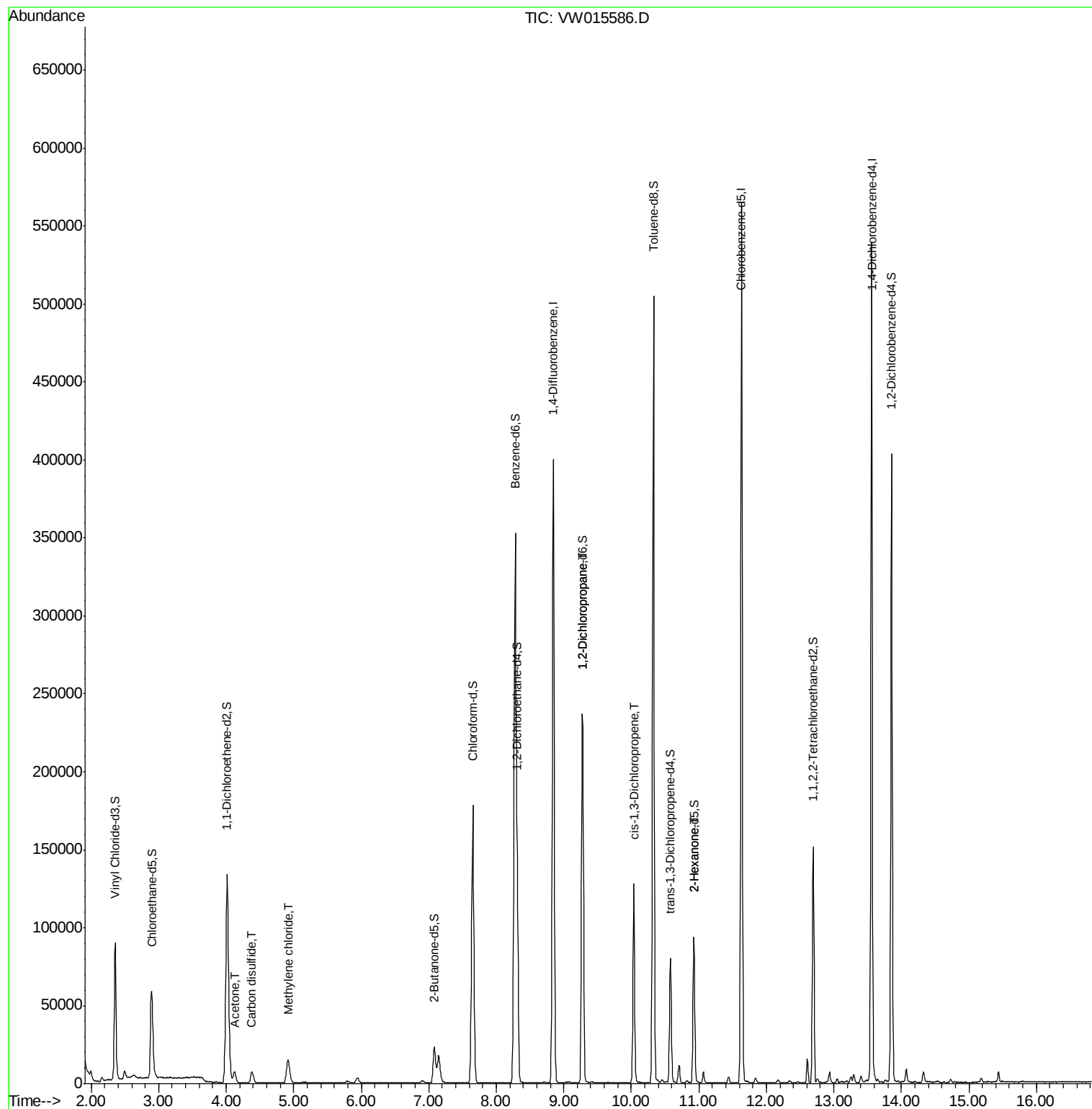
					Ovalue
13) Acetone	4.13	43	12345	16.092	ug/L 100
14) Carbon disulfide	4.38	76	13196	1.000	ug/L 100
16) Methylene chloride	4.91	84	12189	2.994	ug/L 85
40) 1,2-Dichloropropane	9.27	63	12603	3.019	ug/L # 85
42) cis-1,3-Dichloropropene	10.04	75	3371	0.505	ug/L # 75
49) 2-Hexanone	10.92	43	4339	2.627	ug/L # 64

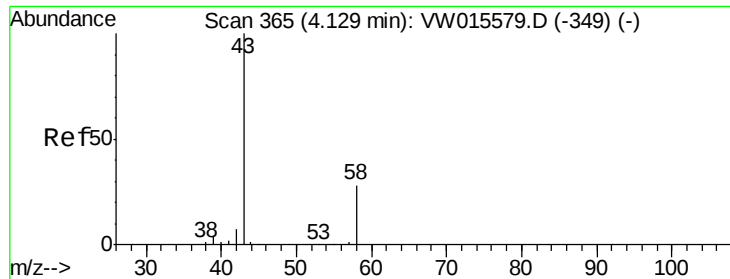
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 12 05:02:36 2020
Response via : Initial Calibration





#13

Acetone

Concen: 16.092 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW015586.D

Acq: 11 Jun 2020 13:53

Instrument :

MSVOA_W

ClientSampleId :

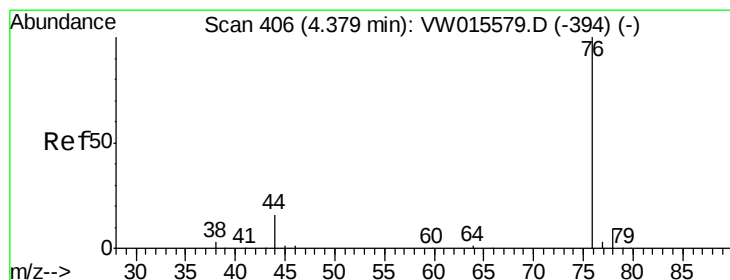
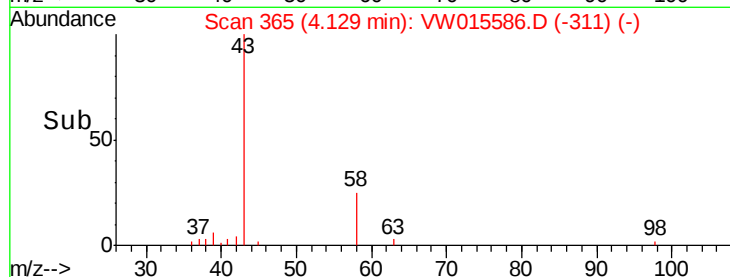
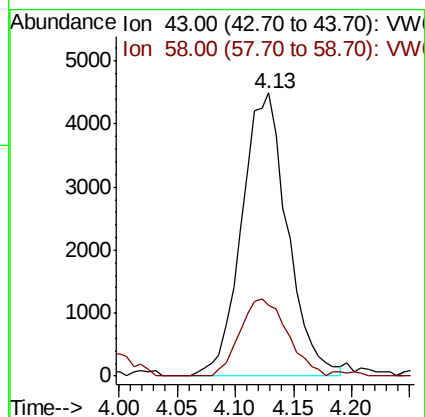
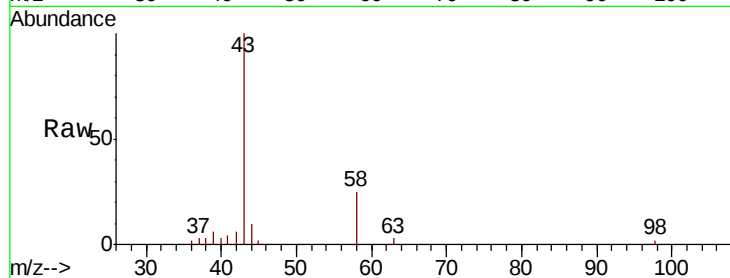
BG2J9

Tot Ion: 43 Resp: 12345

Ion Ratio Lower Upper

43 100

58 28.2 0.0 56.8



#14

Carbon disulfide

Concen: 1.000 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015586.D

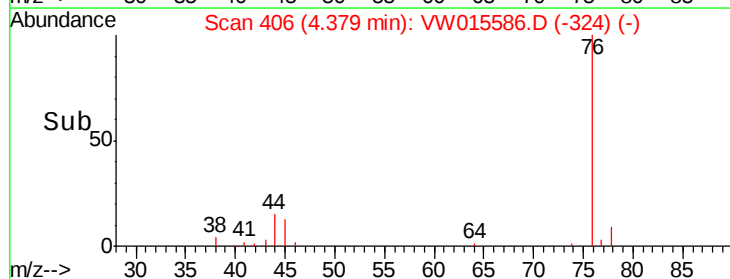
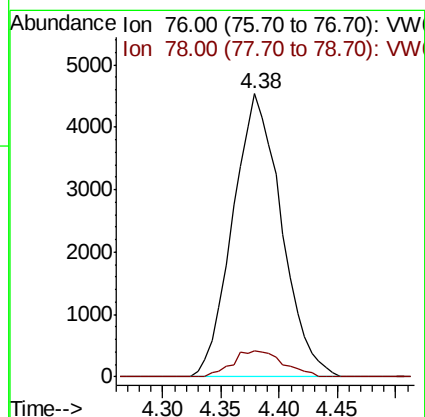
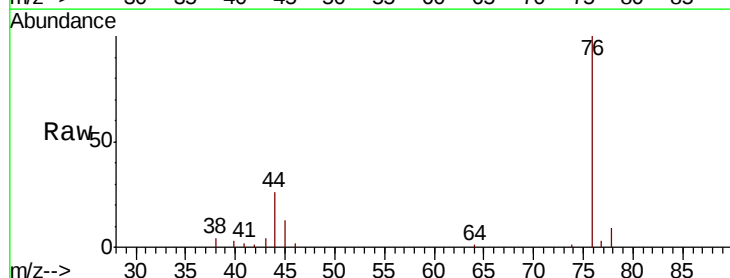
Acq: 11 Jun 2020 13:53

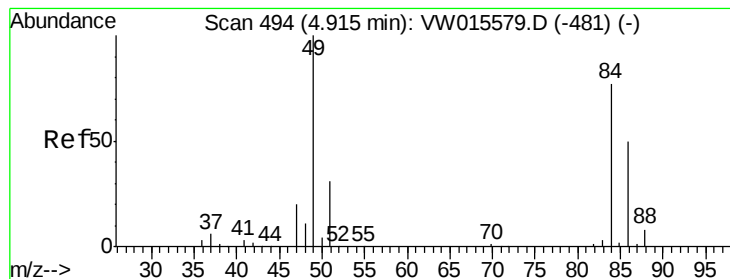
Tgt Ion: 76 Resp: 13196

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





#16

Methylene chloride

Concen: 2.994 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW015586.D

Acq: 11 Jun 2020 13:53

Instrument :

MSVOA_W

ClientSampleId :

BG2J9

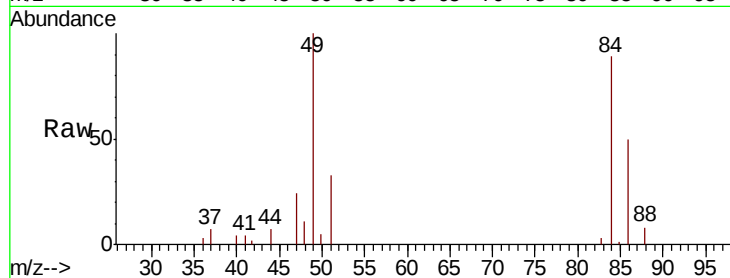
Tot Ion: 84 Resp: 12189

Ion Ratio Lower Upper

84 100

49 112.1 93.0 172.8

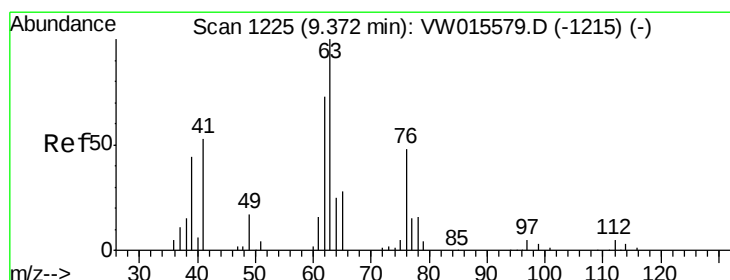
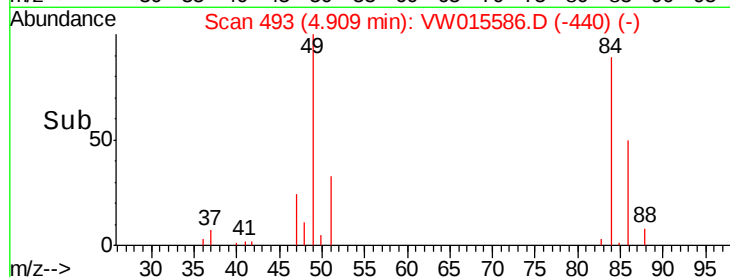
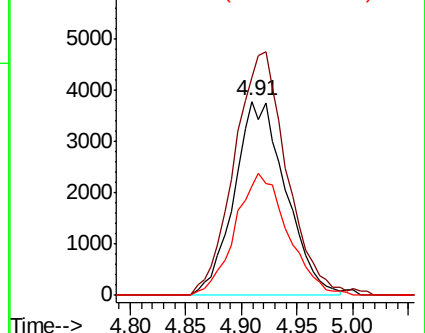
86 56.3 44.7 83.1



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#40

1,2-Dichloropropane

Concen: 3.019 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW015586.D

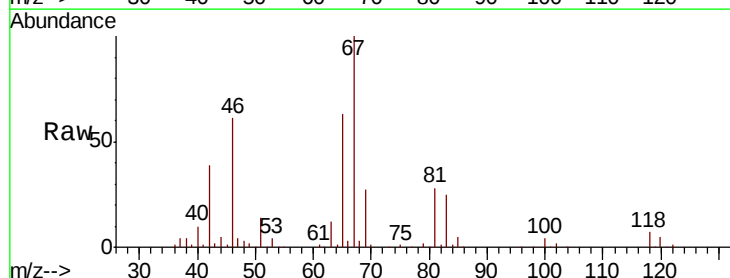
Acq: 11 Jun 2020 13:53

Tgt Ion: 63 Resp: 12603

Ion Ratio Lower Upper

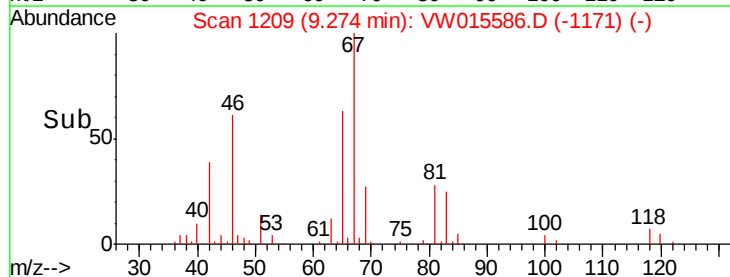
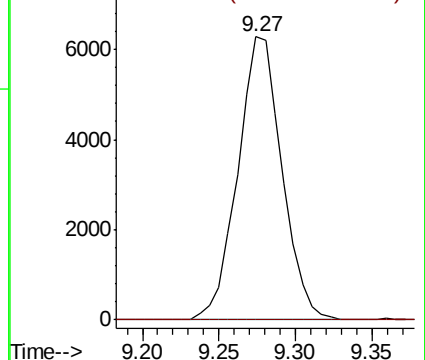
63 100

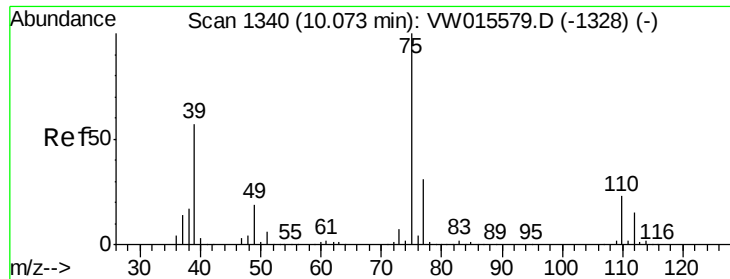
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.505 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW015586.D

Acq: 11 Jun 2020 13:53

Instrument :

MSVOA_W

ClientSampleId :

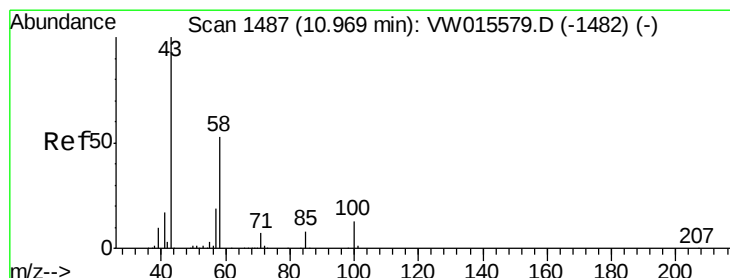
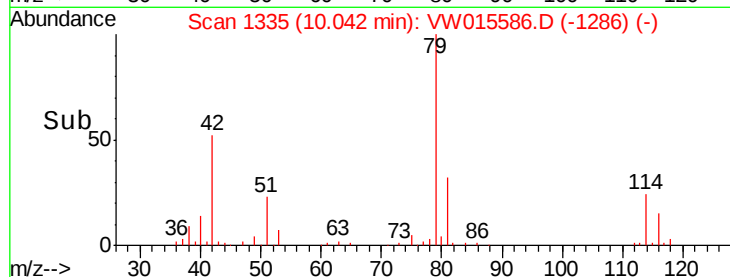
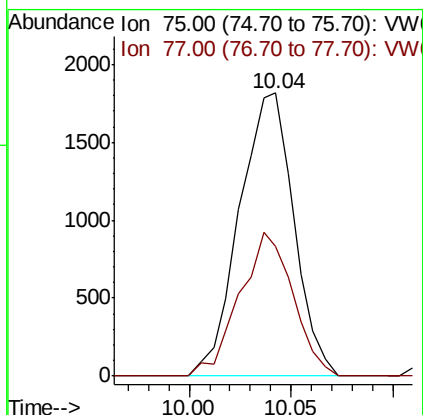
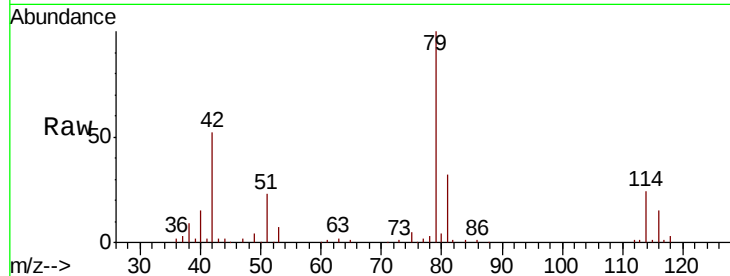
BG2J9

Tot Ion: 75 Resp: 3371

Ion Ratio Lower Upper

75 100

77 45.9 22.3 41.5#



#49

2-Hexanone

Concen: 2.627 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW015586.D

Acq: 11 Jun 2020 13:53

Tgt Ion: 43 Resp: 4339

Ion Ratio Lower Upper

43 100

58 20.7 42.6 64.0#

57 23.6 15.5 23.3#

100 0.0 10.3 15.5#

