

Data File : VW015571.D
Acq On : 09 Jun 2020 14:47
Operator : SY/VA
Sample : L2959-03
Misc : 3.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2J8

Quant Time: Jun 10 03:30:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 09 12:46:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	380526	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	344303	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156610	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119260	34.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	136.80%
7) Chloroethane-d5	2.90	69	94018	27.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.44%
10) 1,1-Dichloroethene-d2	4.01	63	167531	19.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.88%
20) 2-Butanone-d5	7.09	46	41049	36.05	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.10%
24) Chloroform-d	7.65	84	210272	23.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	8.31	65	113846	23.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.00%
29) Benzene-d6	8.28	84	432940	25.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.56%
33) 1,2-Dichloropropane-d6	9.27	67	122837	23.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.76%
37) Toluene-d8	10.33	98	401119	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.72%
38) trans-1,3-Dichloropropene-	10.58	79	49537	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.48%
39) 2-Hexanone-d5	10.93	63	32362	36.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76792	19.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	124703	23.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.04%

Target Compounds

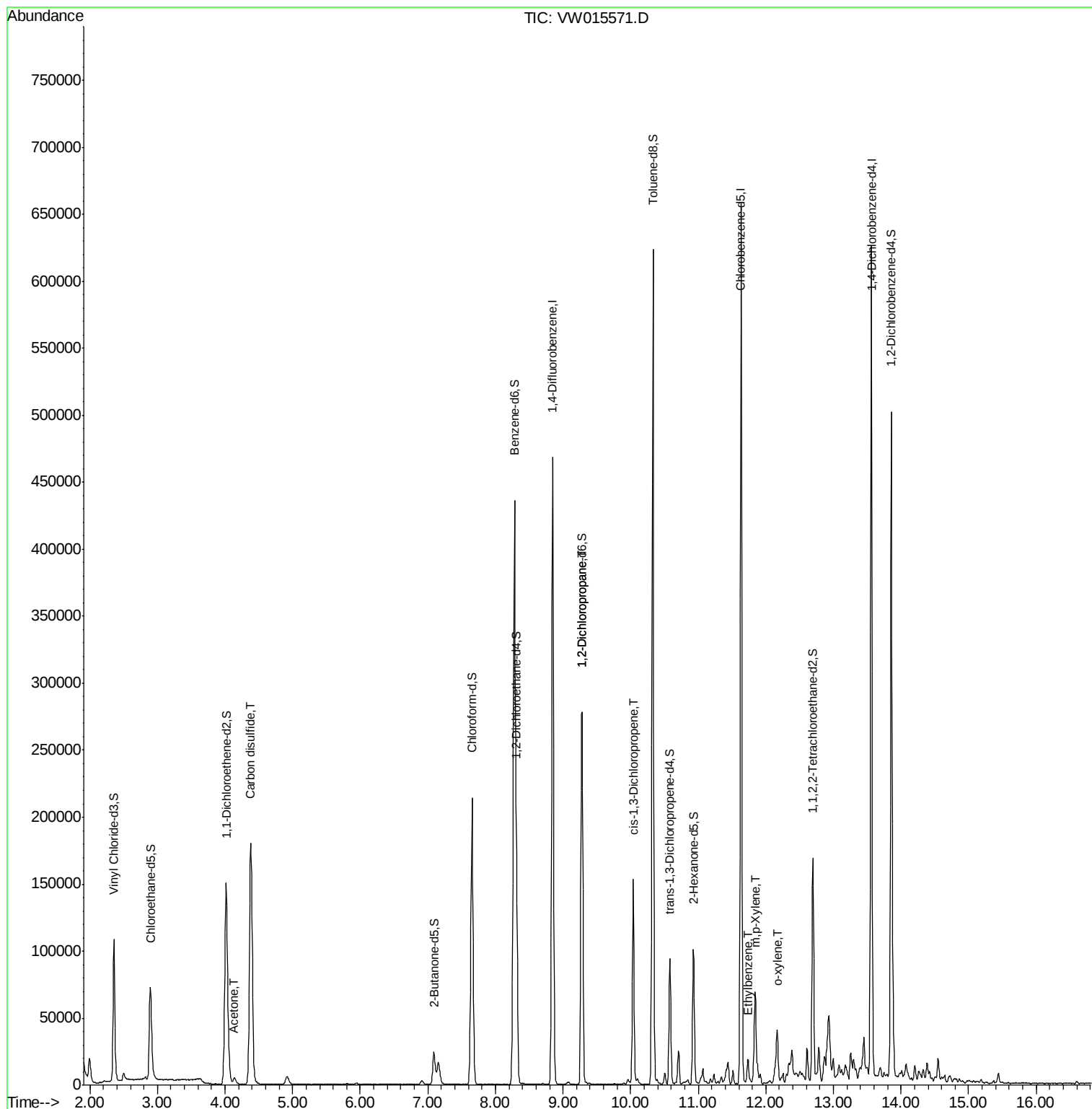
					Qvalue
13) Acetone	4.14	43	8383	9.525 ug/L	70
14) Carbon disulfide	4.38	76	391587	25.870 ug/L	99
40) 1,2-Dichloropropane	9.28	63	15065	3.177 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	3963	0.522 ug/L #	67
53) Ethylbenzene	11.73	91	12975	0.539 ug/L	97
54) m,p-Xylene	11.84	106	16254	1.798 ug/L	97
55) o-xylene	12.17	106	9768	1.139 ug/L	100

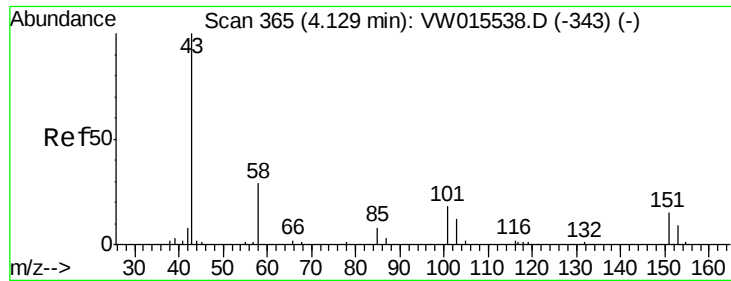
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.525 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

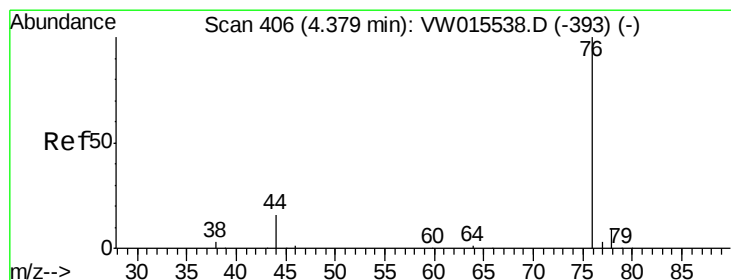
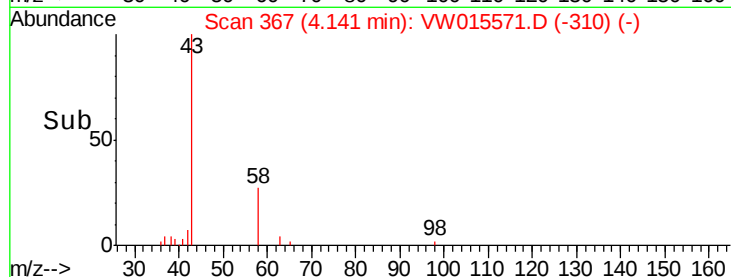
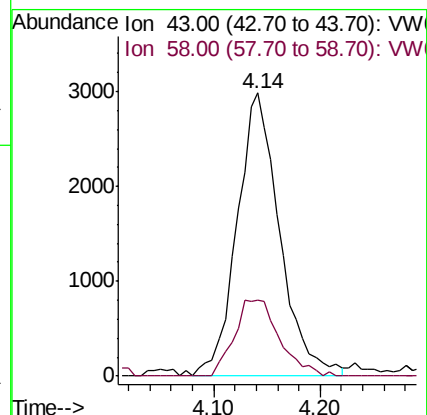
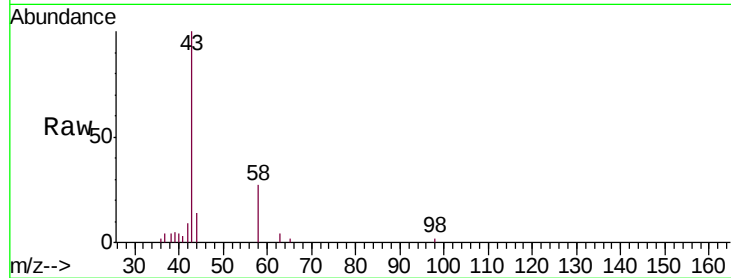
BG2J8

Tgt Ion: 43 Resp: 8383

Ion Ratio Lower Upper

43 100

58 12.6 0.0 56.8



#14

Carbon disulfide

Concen: 25.870 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

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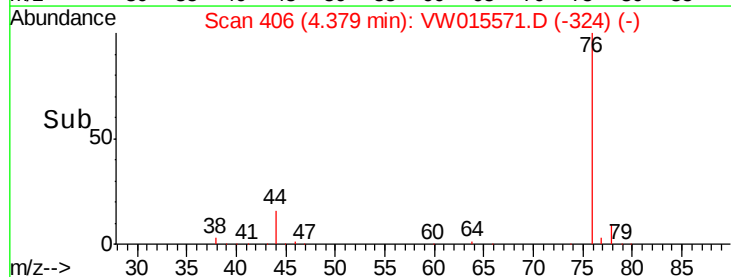
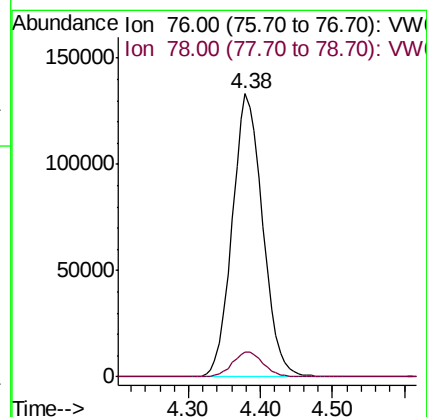
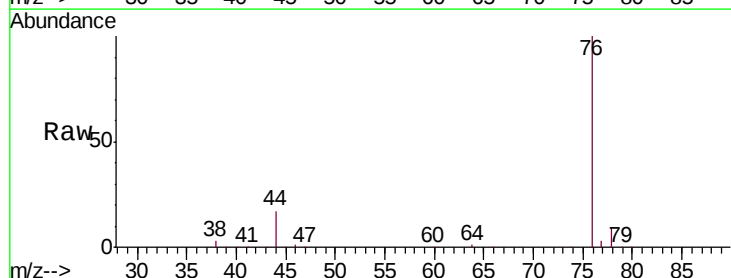
Acq: 09 Jun 2020 14:47

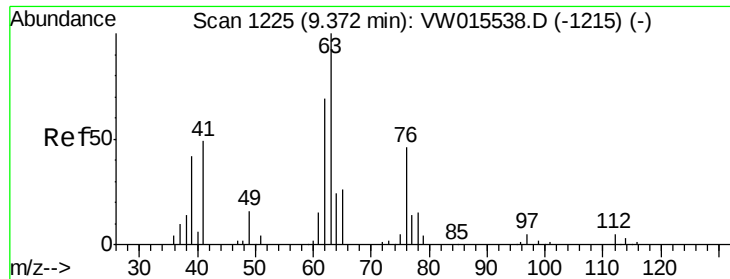
Tgt Ion: 76 Resp: 391587

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9





#40

1,2-Dichloropropane

Concen: 3.177 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

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MSVOA_W

ClientSampleId :

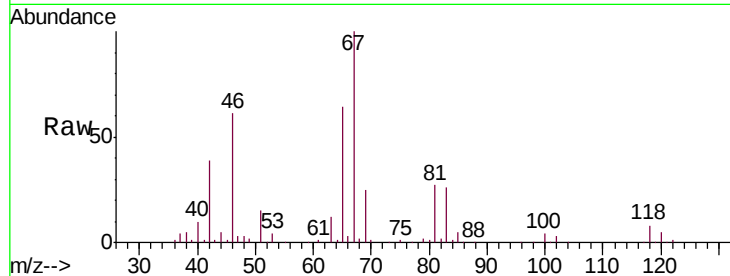
BG2J8

Tgt Ion: 63 Resp: 15065

Ion Ratio Lower Upper

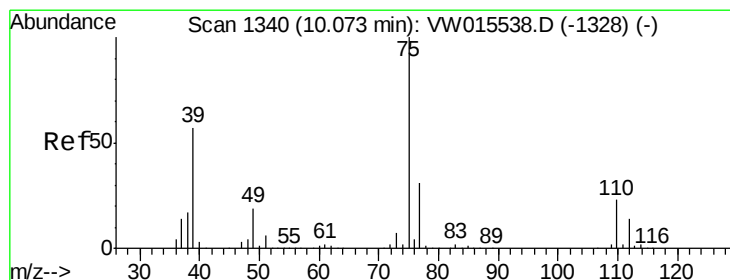
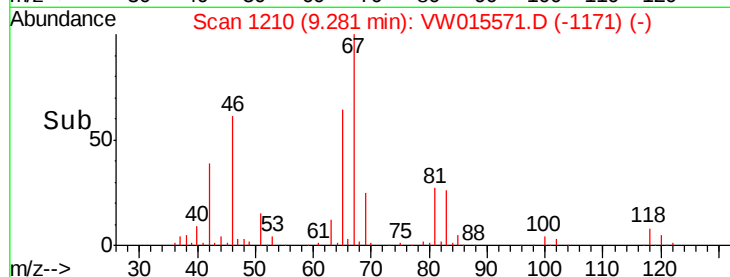
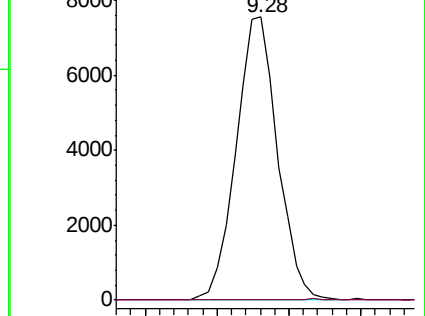
63 100

112 0.8 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: 0.522 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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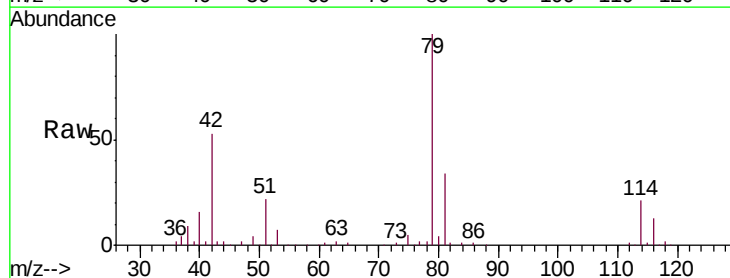
Acq: 09 Jun 2020 14:47

Tgt Ion: 75 Resp: 3963

Ion Ratio Lower Upper

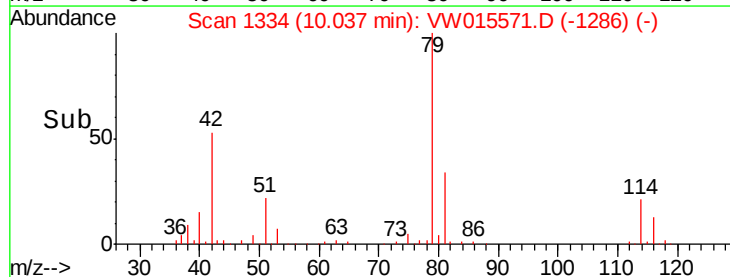
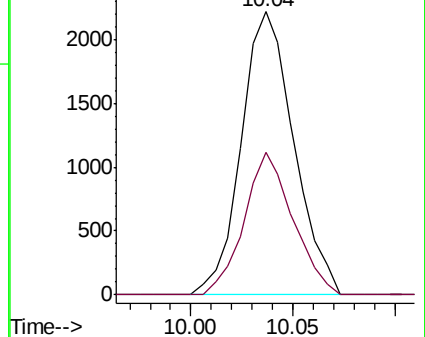
75 100

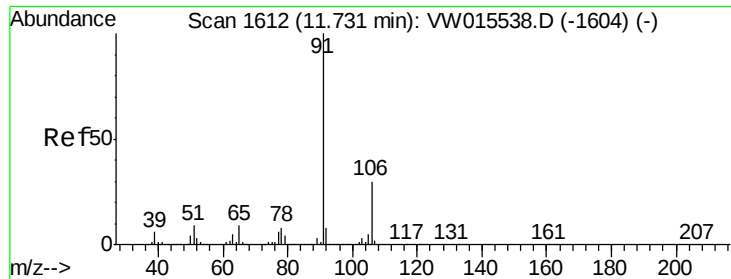
77 50.3 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#53

Ethylbenzene

Concen: 0.539 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW015571.D

Acq: 09 Jun 2020 14:47

Instrument :

MSVOA_W

ClientSampleId :

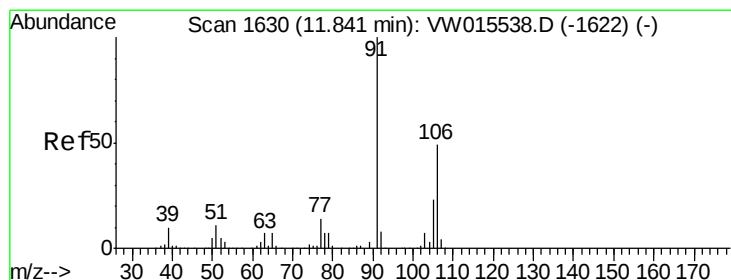
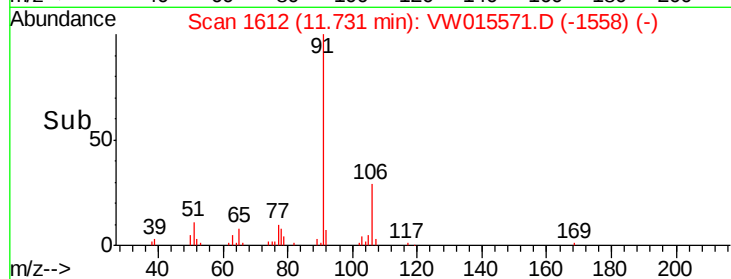
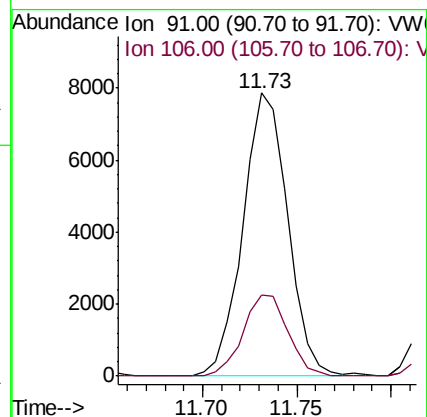
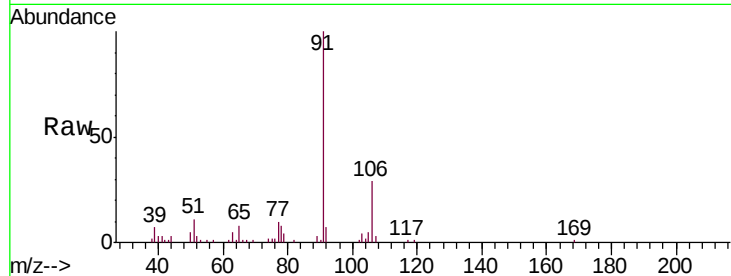
BG2J8

Tgt Ion: 91 Resp: 12975

Ion Ratio Lower Upper

91 100

106 28.7 21.3 39.6



#54

m,p-Xylene

Concen: 1.798 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW015571.D

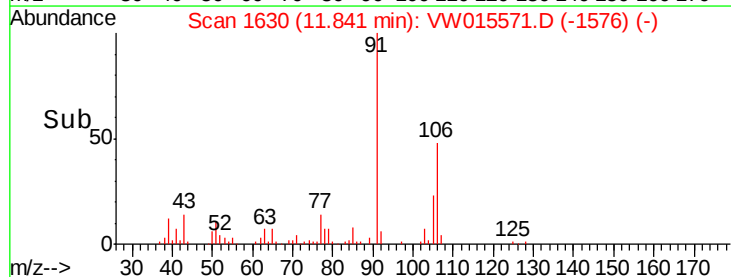
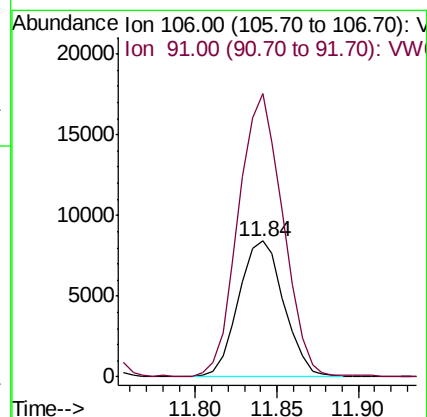
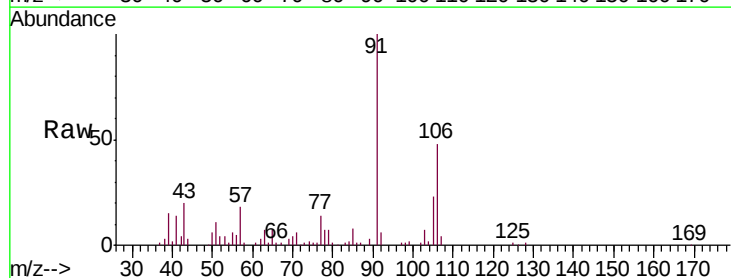
Acq: 09 Jun 2020 14:47

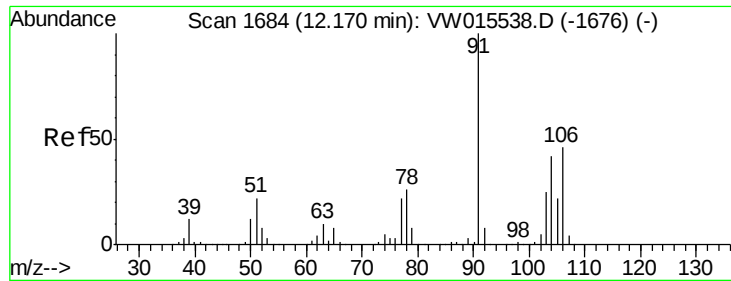
Tgt Ion: 106 Resp: 16254

Ion Ratio Lower Upper

106 100

91 208.7 142.6 264.8





#55
o-xylene
Concen: 1.139 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW015571.D
Acq: 09 Jun 2020 14:47

Instrument :
MSVOA_W
ClientSampleId :
BG2J8

Tgt Ion:106 Resp: 9768
Ion Ratio Lower Upper
106 100
91 212.5 149.0 276.6

