

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015767.D
 Acq On : 29 Jun 2020 17:19
 Operator : SY/VA
 Sample : L3131-07
 Misc : 5.66G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2M1

Quant Time: Jun 30 03:06:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 03:03:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	104071	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	89875	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	34620	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	42106	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.68%
7) Chloroethane-d5	2.89	69	35859	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.96%
10) 1,1-Dichloroethene-d2	4.01	63	58868	19.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.48%
20) 2-Butanone-d5	7.09	46	16798	47.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.24%
24) Chloroform-d	7.65	84	65811	22.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	8.31	65	36021	21.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.32%
29) Benzene-d6	8.27	84	132862	24.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.16%
33) 1,2-Dichloropropane-d6	9.27	67	37192	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.76%
37) Toluene-d8	10.32	98	118953	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.44%
38) trans-1,3-Dichloropropene-	10.58	79	13151	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.84%
39) 2-Hexanone-d5	10.93	63	10804	41.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	25449	20.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	32318	24.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.32%

Target Compounds

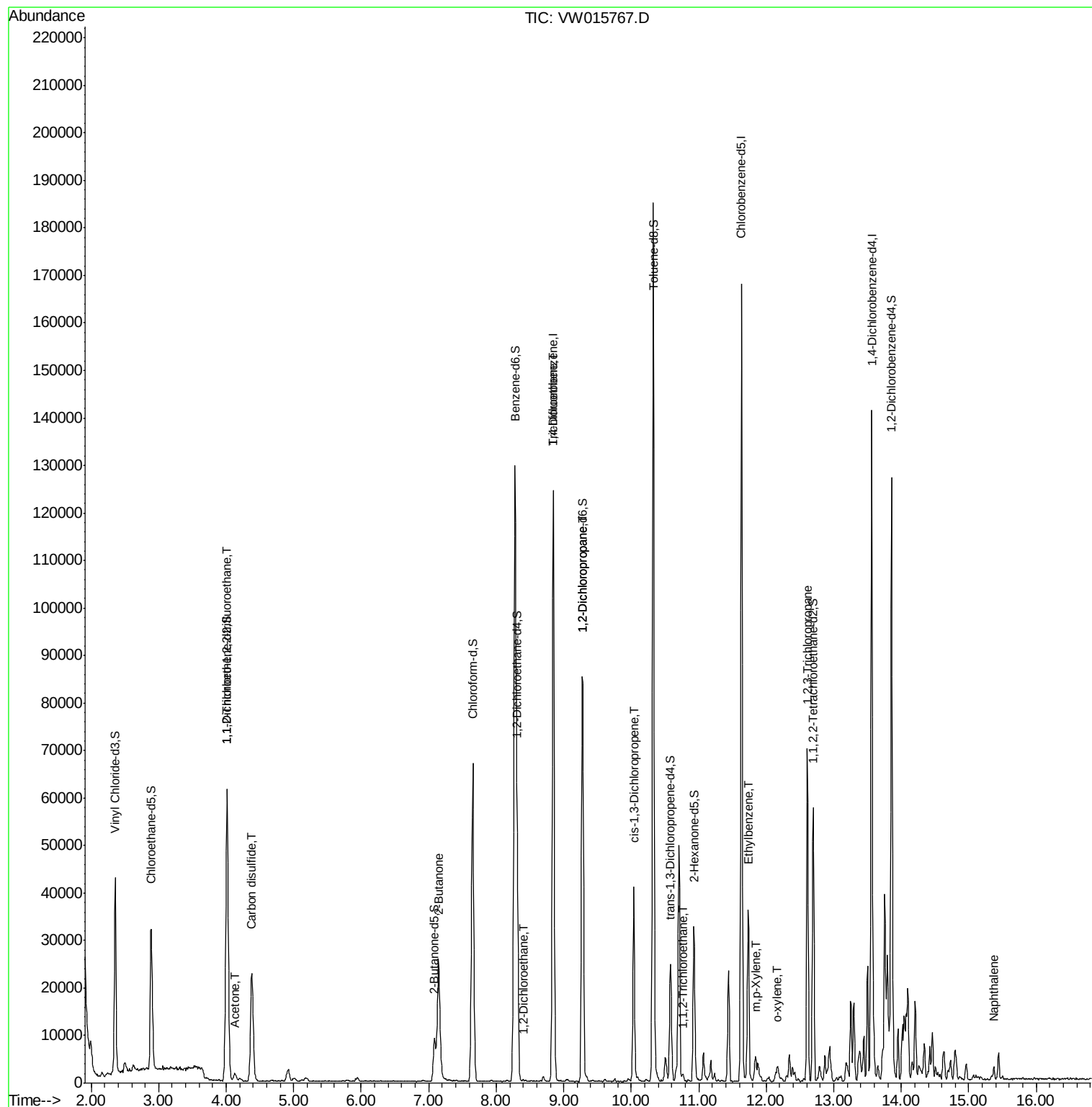
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	521	0.416	ug/L #	20
13) Acetone	4.13	43	3262	10.918	ug/L	97
14) Carbon disulfide	4.38	76	43278	11.514	ug/L	98
21) 2-Butanone	7.15	43	1682	4.554	ug/L #	53
27) 1,2-Dichloroethane	8.40	62	411	0.251	ug/L #	76
35) Trichloroethene	8.84	95	3188	2.422	ug/L #	5
40) 1,2-Dichloropropane	9.28	63	4711	3.922	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	1089	0.581	ug/L #	11
46) 1,1,2-Trichloroethane	10.76	97	583	0.672	ug/L #	16
53) Ethylbenzene	11.73	91	23608	3.894	ug/L	100
54) m,p-Xylene	11.84	106	1444	0.637	ug/L	82
55) o-xylene	12.16	106	749	0.346	ug/L	69
59) 1,2,3-Trichloropropane	12.60	75	736	0.944	ug/L #	47
69) Naphthalene	15.37	128	2182	1.049	ug/L	95

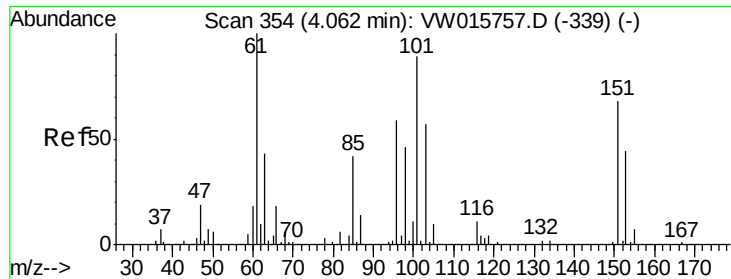
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015767.D
Acq On : 29 Jun 2020 17:19
Operator : SY/VA
Sample : L3131-07
Misc : 5.66G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2M1

Quant Time: Jun 30 03:06:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 30 03:03:23 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.416 ug/L

RT: 4.01 min Scan# 345

Delta R.T. -0.05 min

Lab File: VW015767.D

Acq: 29 Jun 2020 17:19

Instrument :

MSVOA_W

ClientSampleId :

BG2M1

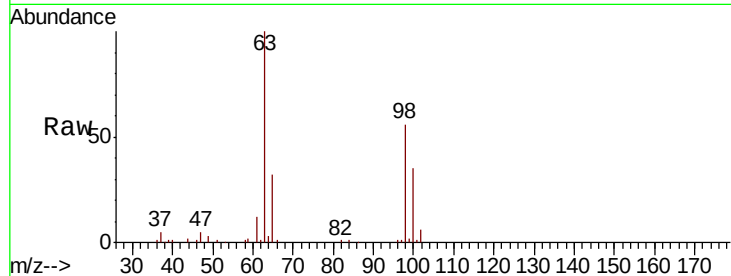
Tot Ion:101 Resp: 521

Ion Ratio Lower Upper

101 100

85 0.0 34.4 51.6#

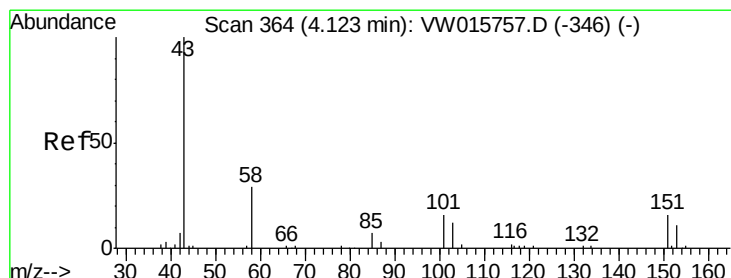
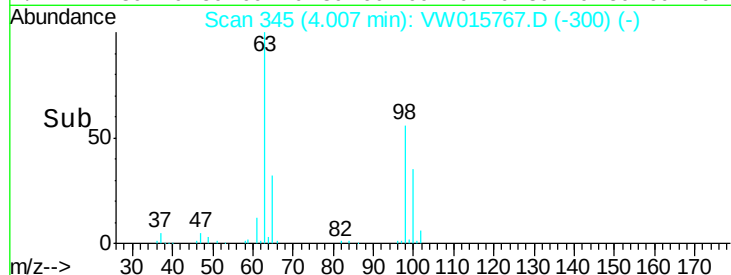
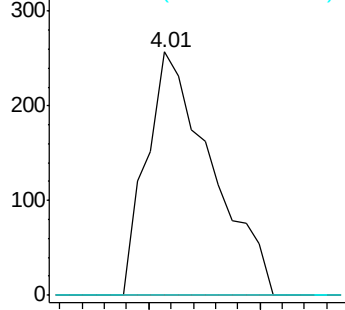
151 0.0 58.6 88.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 10.918 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015767.D

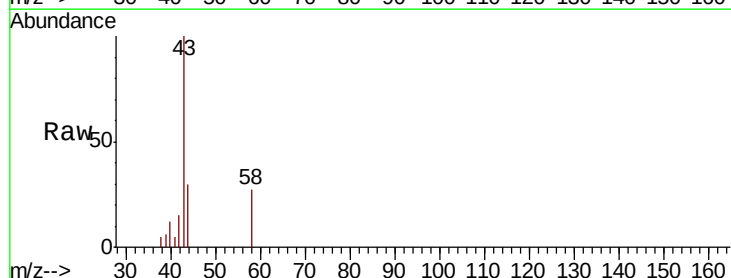
Acq: 29 Jun 2020 17:19

Tgt Ion: 43 Resp: 3262

Ion Ratio Lower Upper

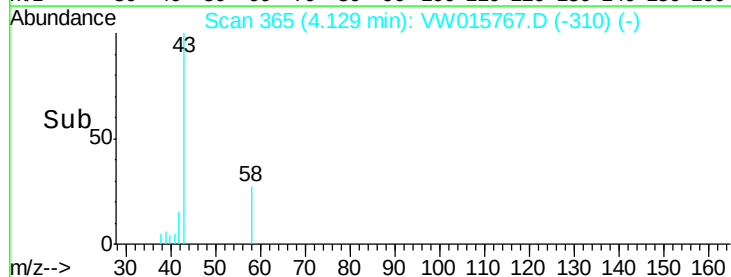
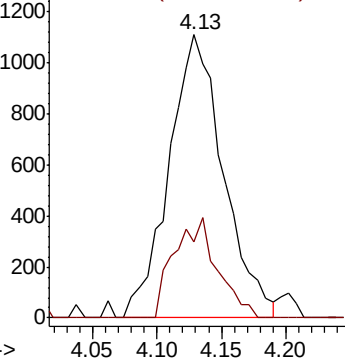
43 100

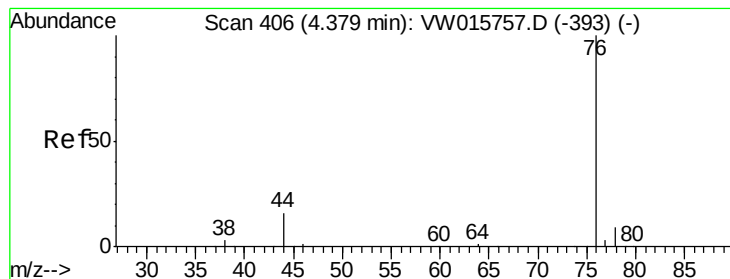
58 28.0 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#14

Carbon disulfide

Concen: 11.514 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015767.D

Acq: 29 Jun 2020 17:19

Instrument :

MSVOA_W

ClientSampled :

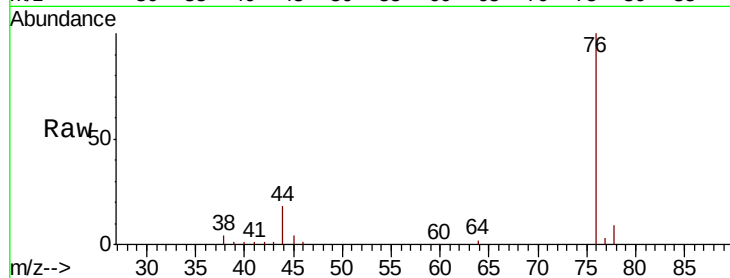
BG2M1

Tot Ion: 76 Resp: 43278

Ion Ratio Lower Upper

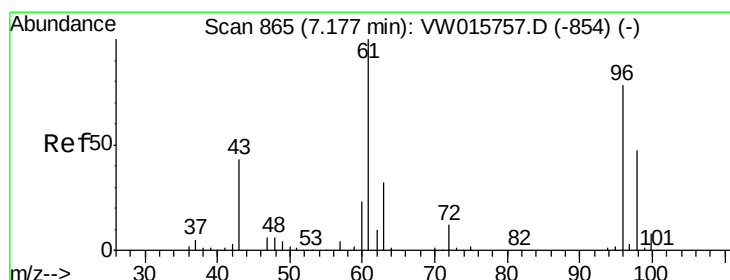
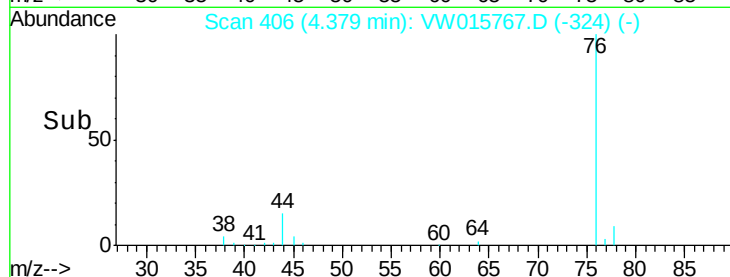
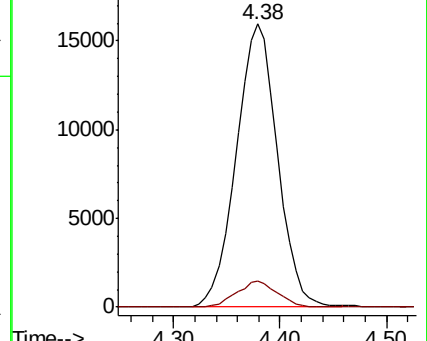
76 100

78 9.3 6.9 10.3



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#21

2-Butanone

Concen: 4.554 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW015767.D

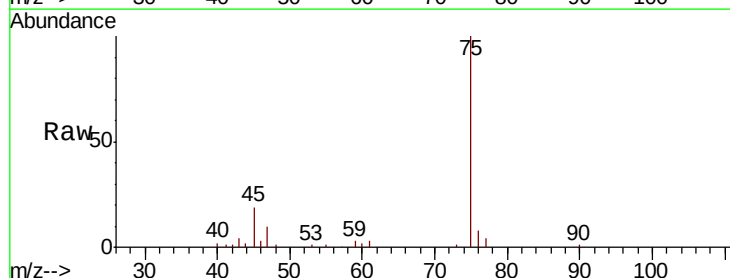
Acq: 29 Jun 2020 17:19

Tgt Ion: 43 Resp: 1682

Ion Ratio Lower Upper

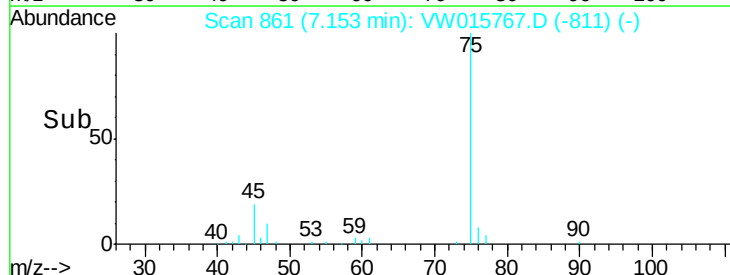
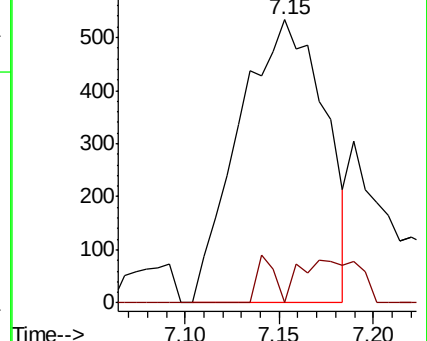
43 100

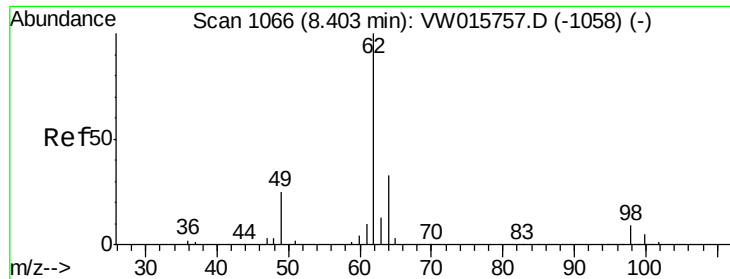
72 2.9 13.7 41.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

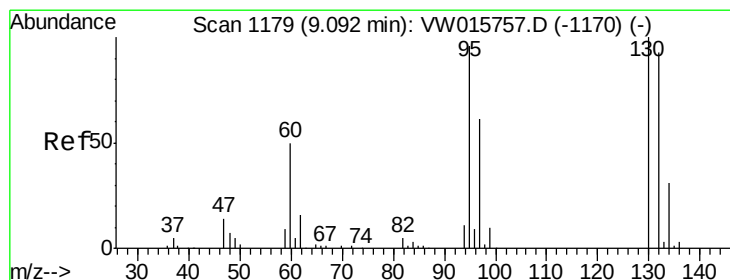
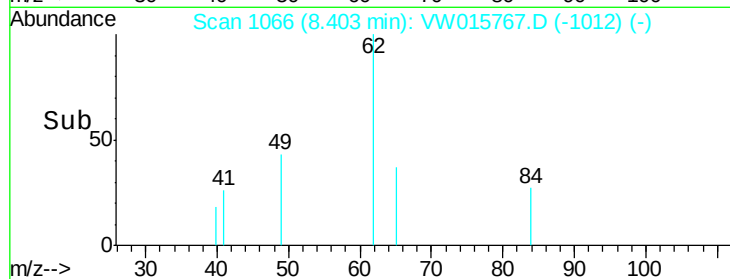
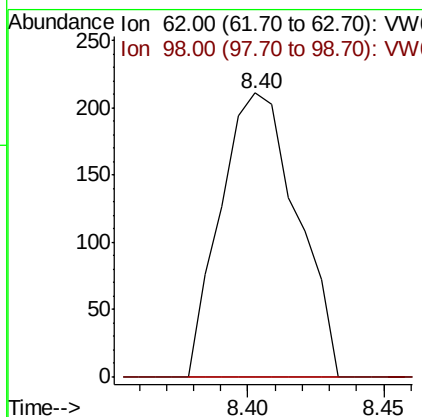
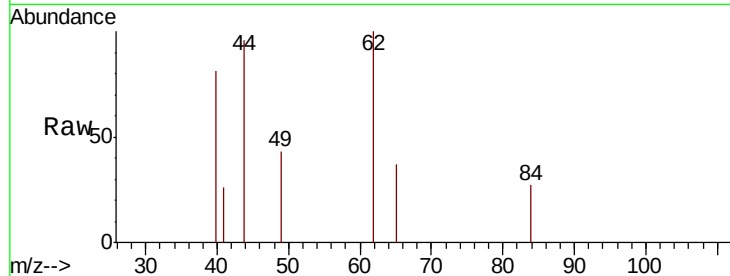




#27
1,2-Dichloroethane
Concen: 0.251 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015767.D
Acq: 29 Jun 2020 17:19

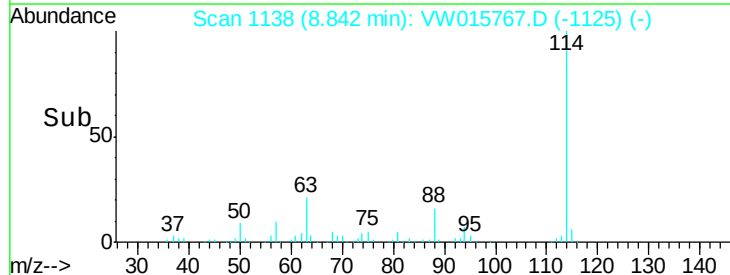
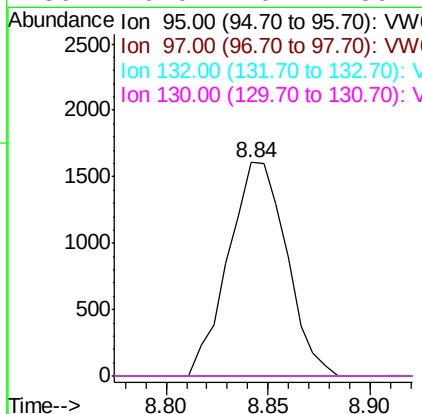
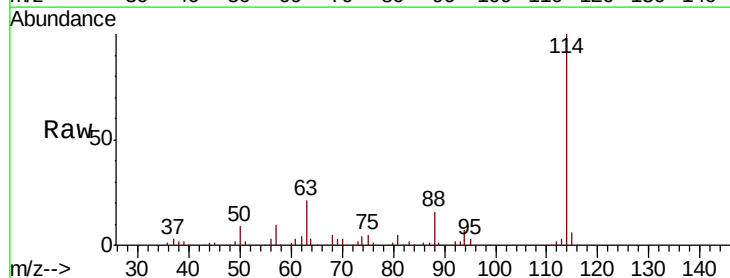
Instrument :
MSVOA_W
ClientSampleId :
BG2M1

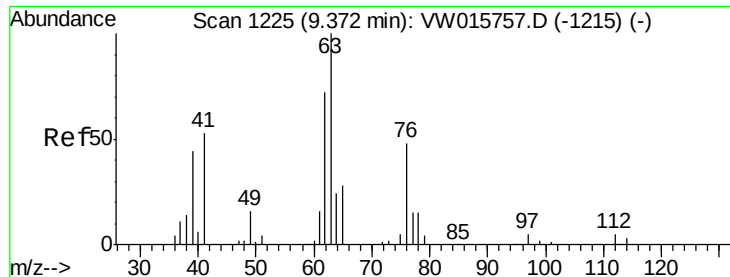
Tot Ion: 62 Resp: 411
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#



#35
Trichloroethene
Concen: 2.422 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW015767.D
Acq: 29 Jun 2020 17:19

Tgt Ion: 95 Resp: 3188
Ion Ratio Lower Upper
95 100
97 0.0 44.9 83.3#
132 0.0 67.8 126.0#
130 0.0 70.1 130.1#





#40

1,2-Dichloropropane

Concen: 3.922 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW015767.D

Acq: 29 Jun 2020 17:19

Instrument :

MSVOA_W

ClientSampleId :

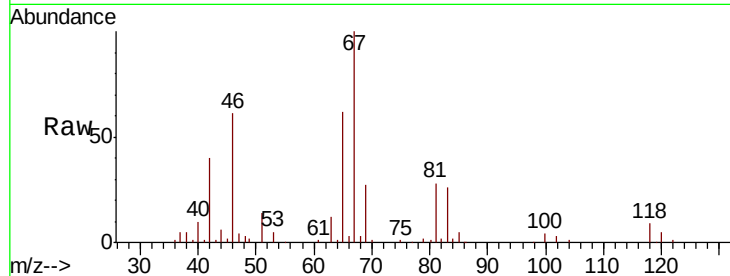
BG2M1

Tot Ion: 63 Resp: 4711

Ion Ratio Lower Upper

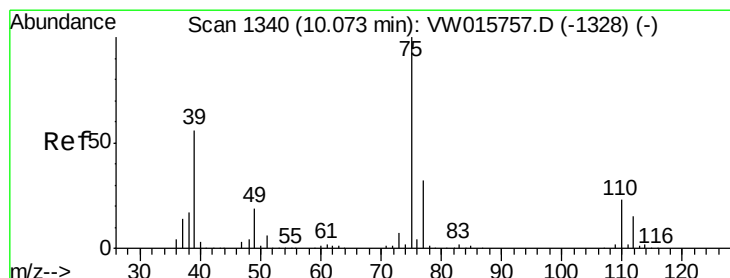
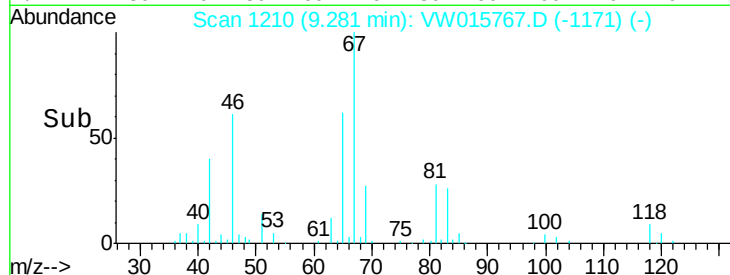
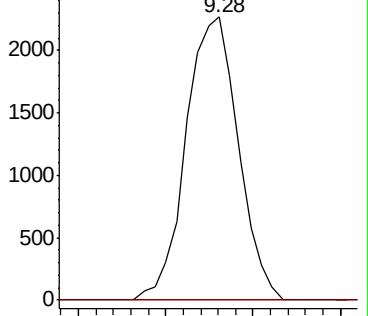
63 100

112 0.0 4.0 6.0#



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: 0.581 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015767.D

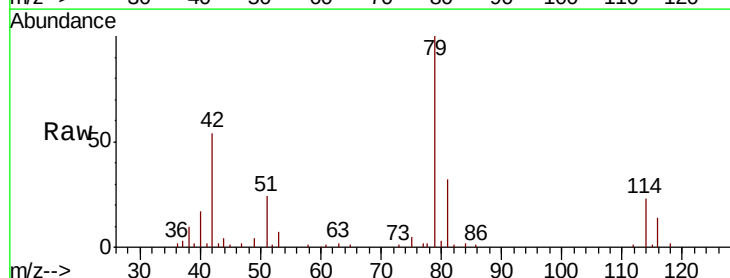
Acq: 29 Jun 2020 17:19

Tgt Ion: 75 Resp: 1089

Ion Ratio Lower Upper

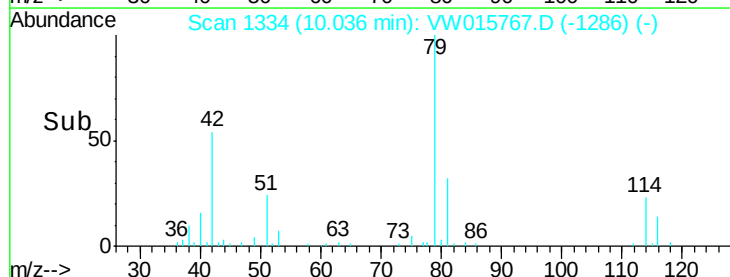
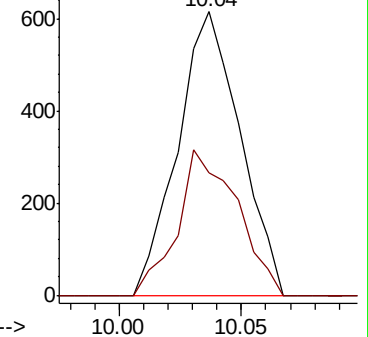
75 100

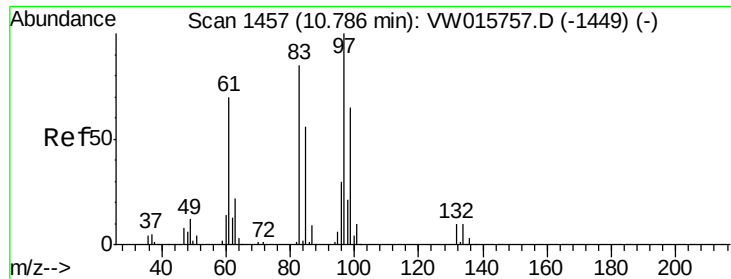
77 81.0 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

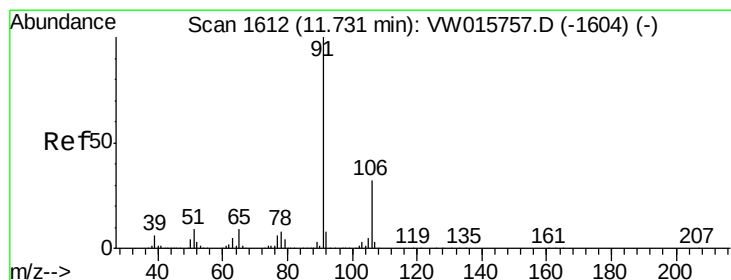
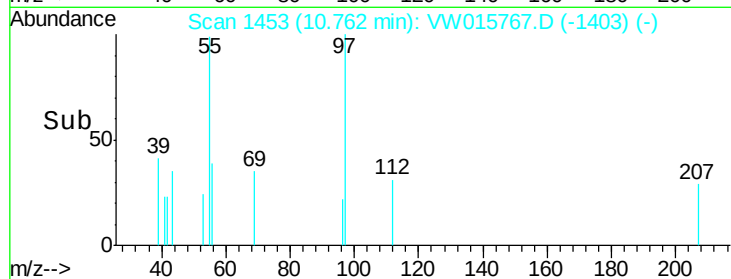
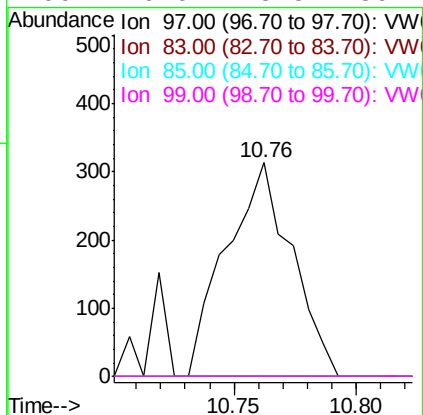
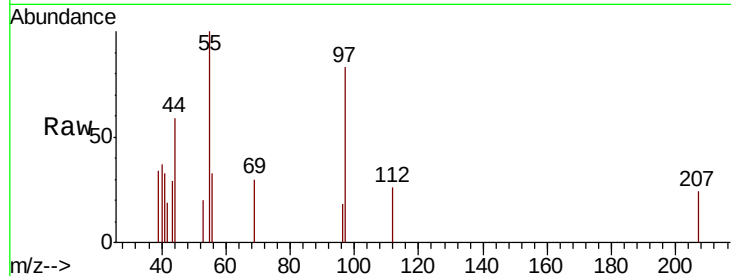




#46
 1,1,2-Trichloroethane
 Concen: 0.672 ug/L
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW015767.D
 Acq: 29 Jun 2020 17:19

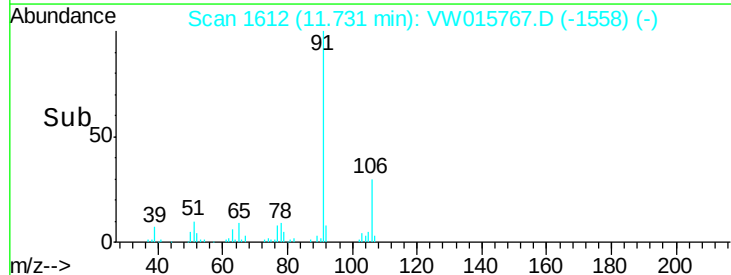
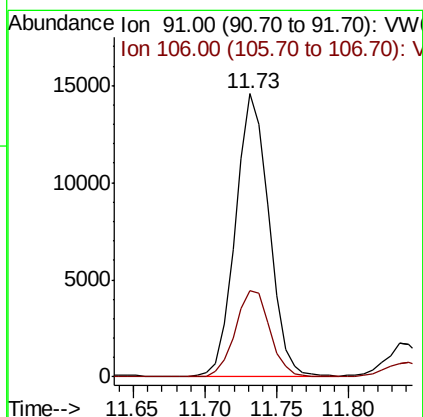
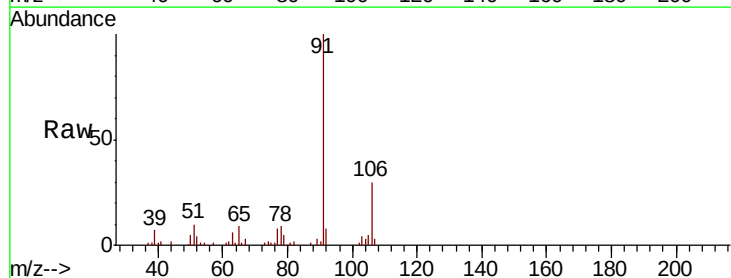
Instrument :
 MSVOA_W
 ClientSampled :
 BG2M1

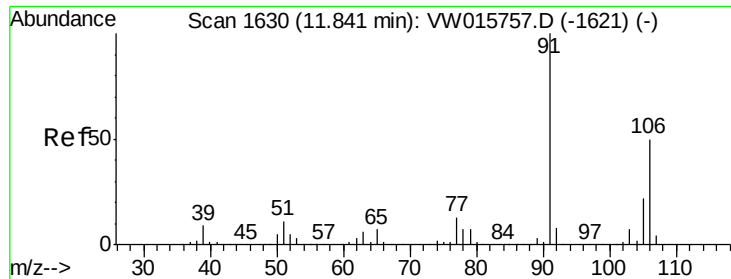
Tot Ion: 97 Resp: 583
 Ion Ratio Lower Upper
 97 100
 83 0.0 58.4 108.4#
 85 0.0 39.2 72.8#
 99 0.0 43.5 80.7#



#53
 Ethylbenzene
 Concen: 3.894 ug/L
 RT: 11.73 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: VW015767.D
 Acq: 29 Jun 2020 17:19

Tgt Ion: 91 Resp: 23608
 Ion Ratio Lower Upper
 91 100
 106 30.5 21.4 39.8





#54

m,p-Xylene

Concen: 0.637 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW015767.D

Acq: 29 Jun 2020 17:19

Instrument :

MSVOA_W

ClientSampled :

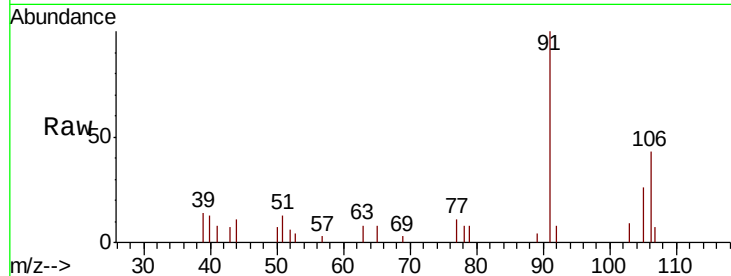
BG2M1

Tot Ion:106 Resp: 1444

Ion Ratio Lower Upper

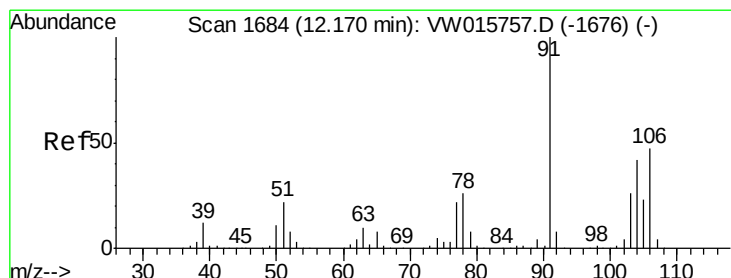
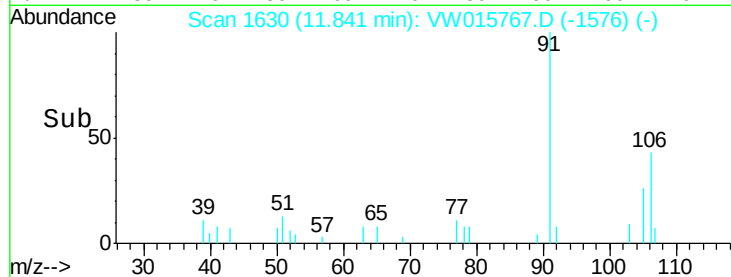
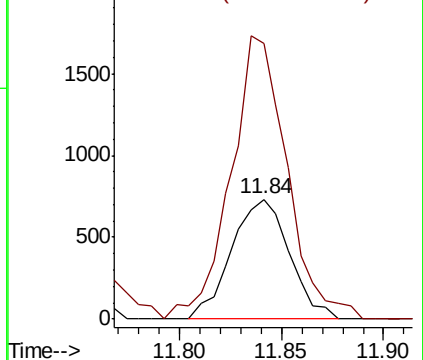
106 100

91 230.2 141.5 262.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.346 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VW015767.D

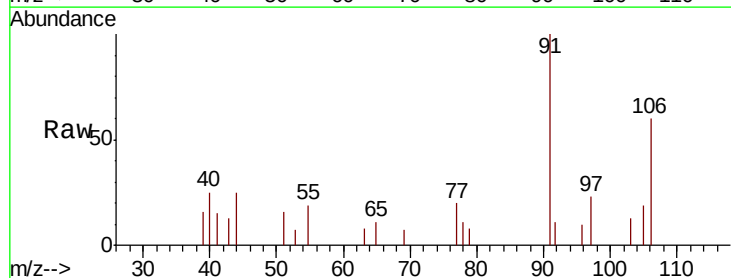
Acq: 29 Jun 2020 17:19

Tgt Ion:106 Resp: 749

Ion Ratio Lower Upper

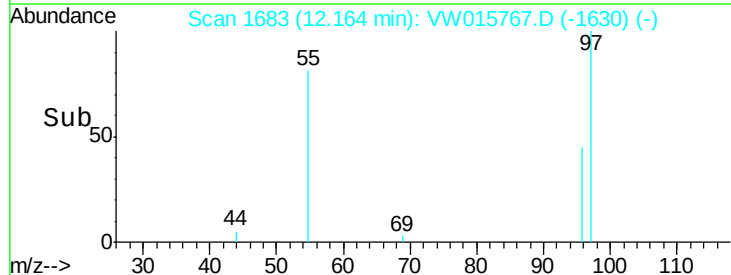
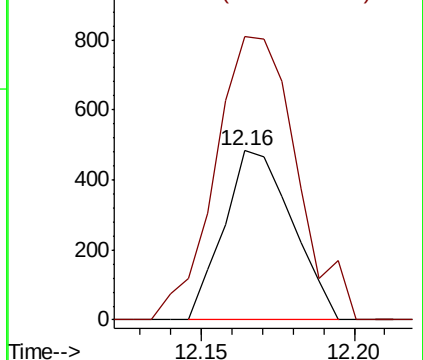
106 100

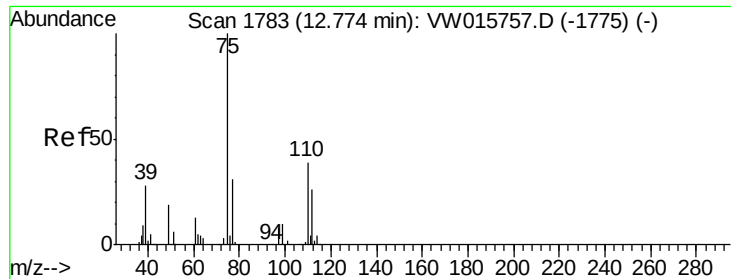
91 167.3 151.3 280.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#59

1,2,3-Trichloropropane

Concen: 0.944 ug/L

RT: 12.60 min Scan# 1755

Delta R.T. -0.17 min

Lab File: VW015767.D

Acq: 29 Jun 2020 17:19

Instrument :

MSVOA_W

ClientSampleId :

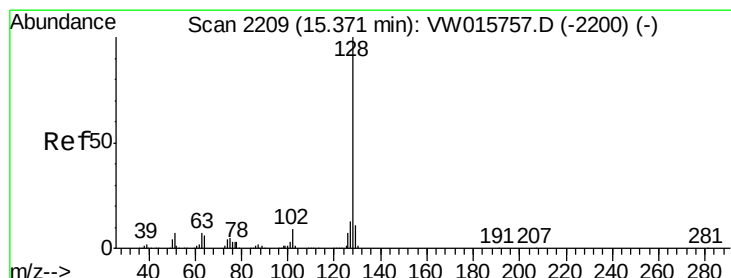
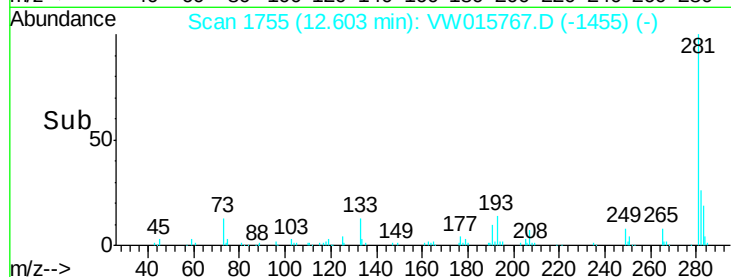
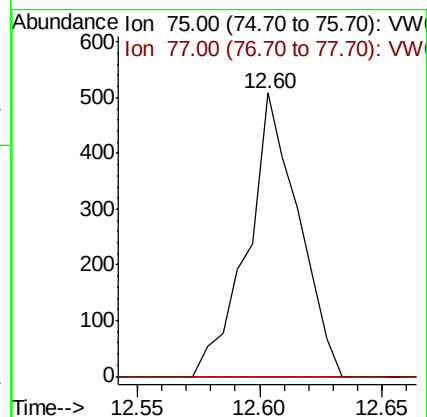
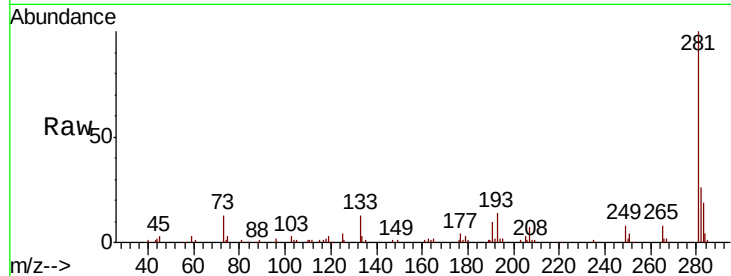
BG2M1

Tot Ion: 75 Resp: 736

Ion Ratio Lower Upper

75 100

77 2.6 26.1 39.1#



#69

Naphthalene

Concen: 1.049 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW015767.D

Acq: 29 Jun 2020 17:19

Tgt Ion: 128 Resp: 2182

Ion Ratio Lower Upper

128 100

129 12.6 8.9 13.3

127 11.3 10.6 16.0

