

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015764.D
 Acq On : 29 Jun 2020 15:57
 Operator : SY/VA
 Sample : L3139-02RE
 Misc : 6.38G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2L7

Quant Time: Jun 30 03:06:05 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	8.84	114	347057	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305255	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129048	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	128486	22.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.20%
7) Chloroethane-d5	2.89	69	106694	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
10) 1,1-Dichloroethene-d2	4.01	63	176681	17.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.64%
20) 2-Butanone-d5	7.09	46	49877	41.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.90%
24) Chloroform-d	7.65	84	220237	22.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	8.30	65	125046	22.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.88%
29) Benzene-d6	8.27	84	445138	24.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.84%
33) 1,2-Dichloropropane-d6	9.27	67	129122	23.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.84%
37) Toluene-d8	10.32	98	406249	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.96%
38) trans-1,3-Dichloropropene-	10.58	79	52937	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.72%
39) 2-Hexanone-d5	10.93	63	38386	43.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89884	21.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	120939	24.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.68%

Target Compounds

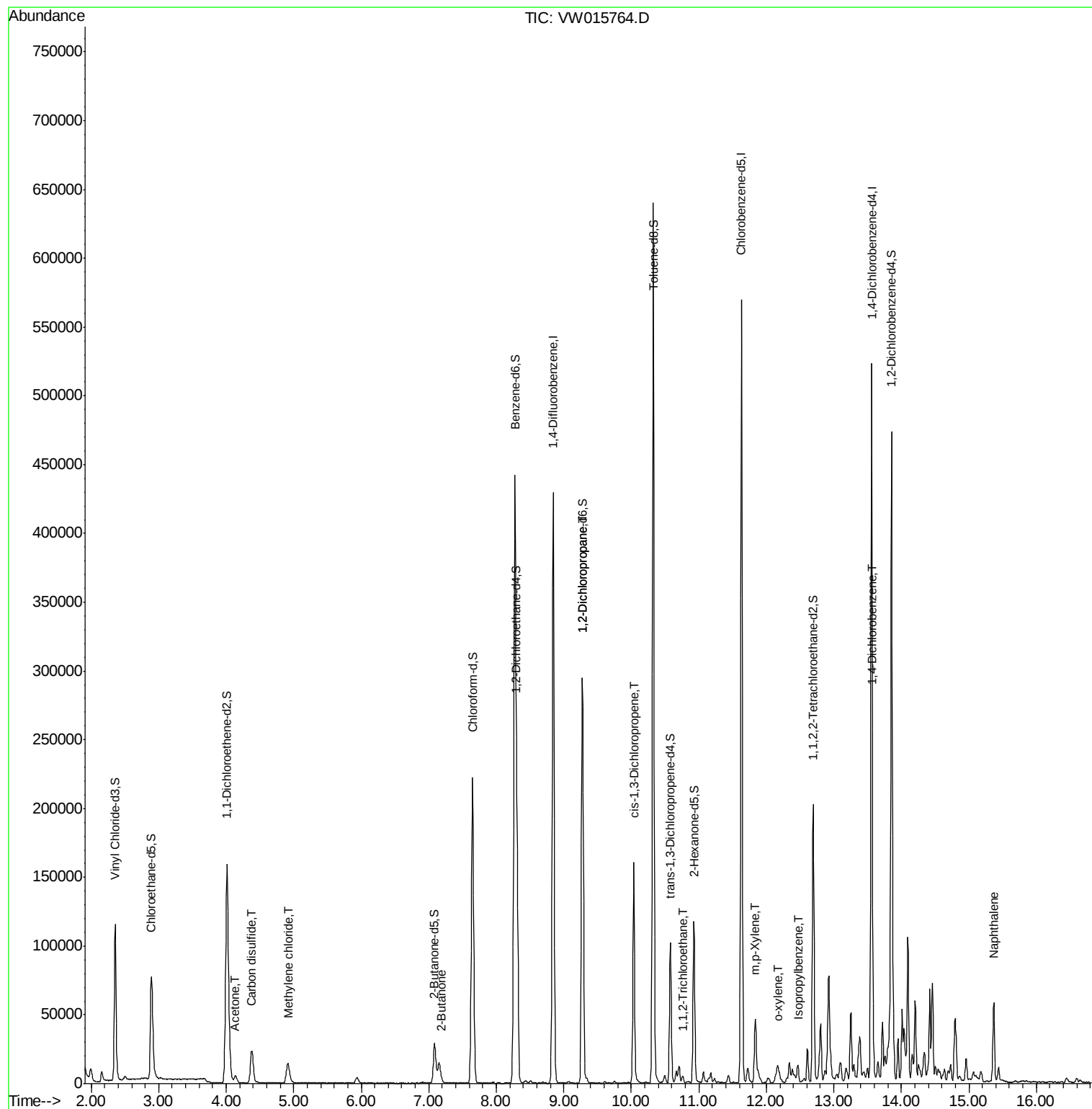
					Ovalue
13) Acetone	4.14	43	9169	9.202	ug/L 97
14) Carbon disulfide	4.38	76	53112	4.237	ug/L 98
16) Methylene chloride	4.92	84	11702	2.298	ug/L 97
21) 2-Butanone	7.19	43	2819	2.289	ug/L 81
40) 1,2-Dichloropropane	9.28	63	15556	3.813	ug/L # 86
42) cis-1,3-Dichloropropene	10.04	75	4375	0.687	ug/L # 72
46) 1,1,2-Trichloroethane	10.76	97	1894	0.643	ug/L # 19
54) m,p-Xylene	11.83	106	13906	1.807	ug/L 97
55) o-xylene	12.16	106	2718	0.369	ug/L 89
57) Isopropylbenzene	12.47	105	7147	0.352	ug/L # 93
64) 1,4-Dichlorobenzene	13.58	146	2566	0.336	ug/L # 88
69) Naphthalene	15.37	128	48203	6.220	ug/L 100

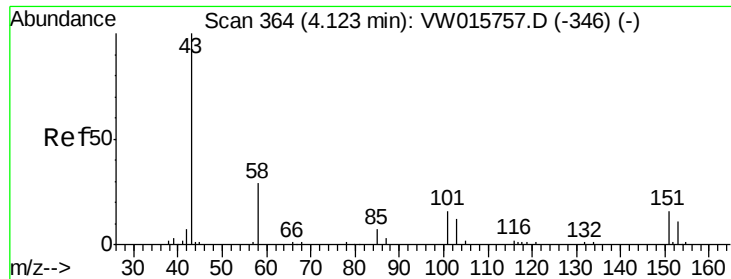
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062920\
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Instrument :
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ClientSampleId :
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Quant Time: Jun 30 03:06:05 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





#13

Acetone

Concen: 9.202 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015764.D

Acq: 29 Jun 2020 15:57

Instrument :

MSVOA_W

ClientSampled :

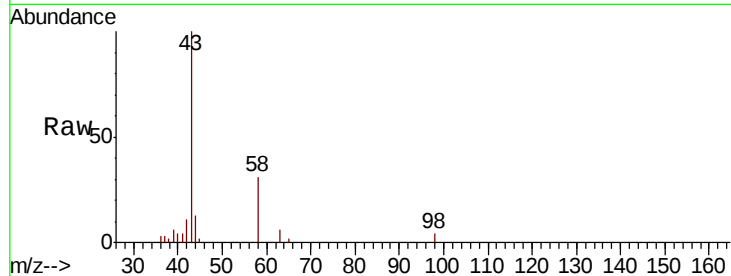
BG2L7

Tot Ion: 43 Resp: 9169

Ion Ratio Lower Upper

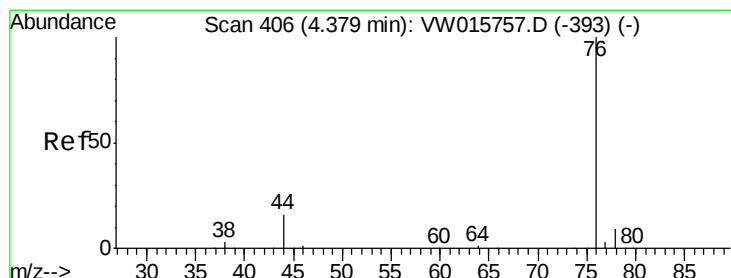
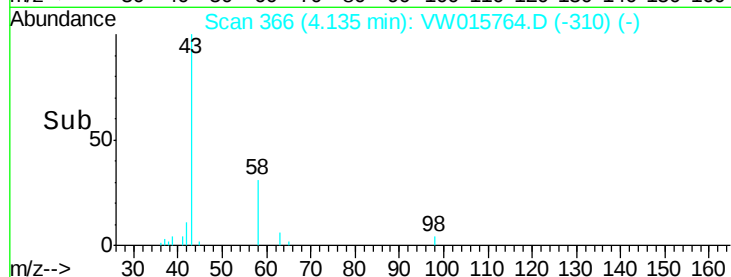
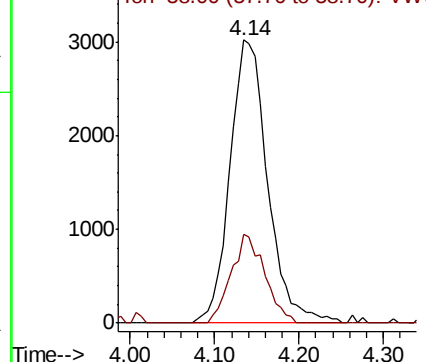
43 100

58 27.8 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: 4.237 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015764.D

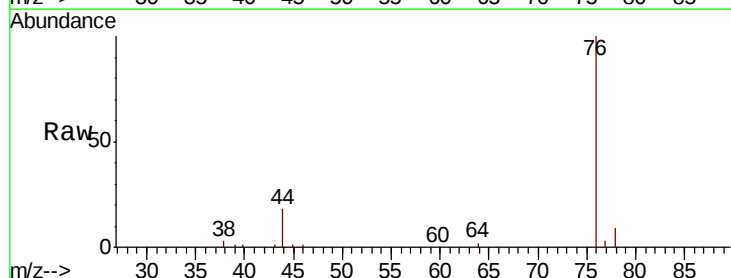
Acq: 29 Jun 2020 15:57

Tgt Ion: 76 Resp: 53112

Ion Ratio Lower Upper

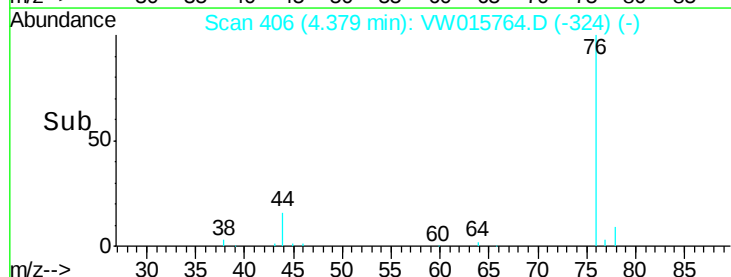
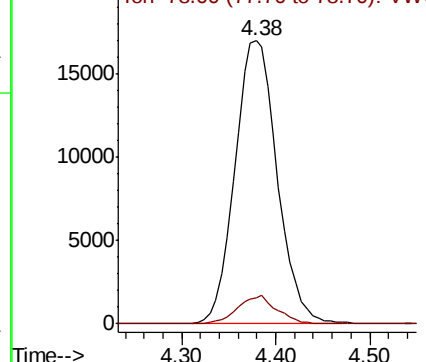
76 100

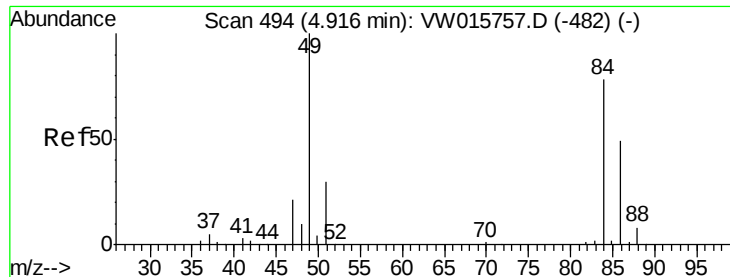
78 9.4 6.9 10.3



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

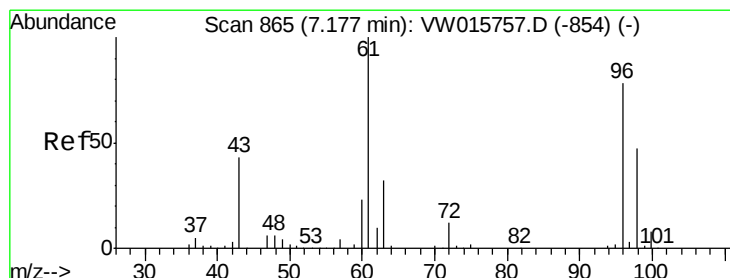
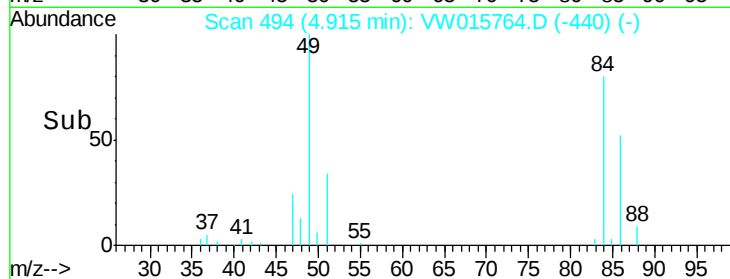
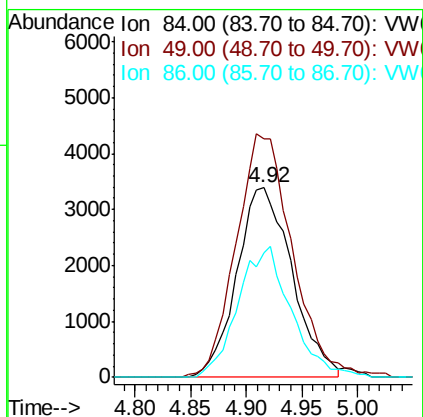
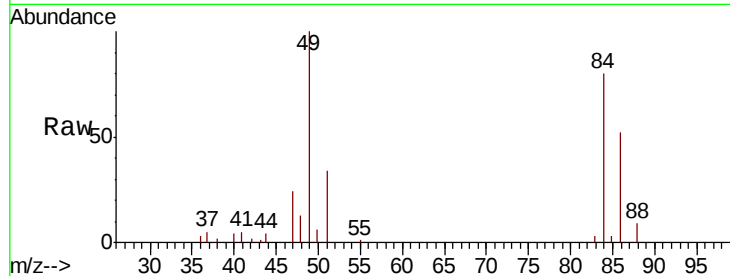




#16
Methvlene chloride
Concen: 2.298 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015764.D
Acq: 29 Jun 2020 15:57

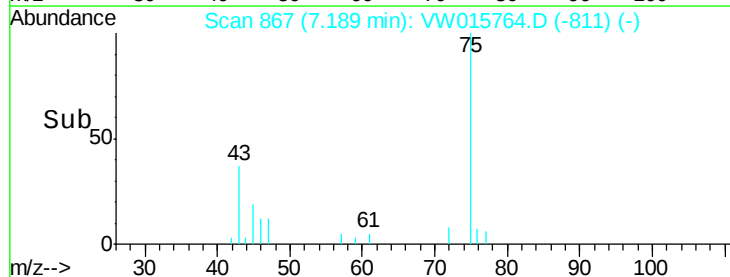
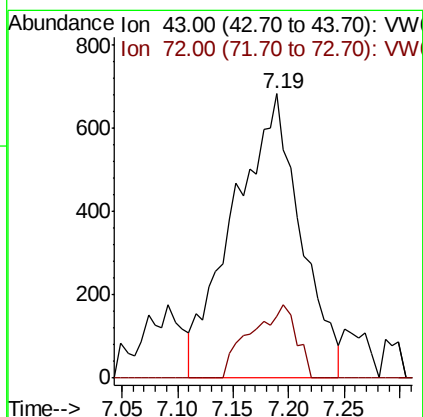
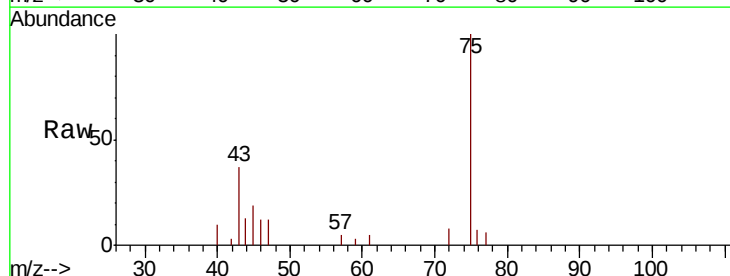
Instrument :
MSVOA_W
ClientSampleId :
BG2L7

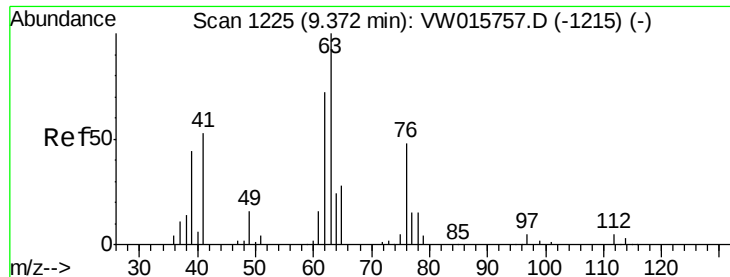
Tot Ion: 84 Resp: 11702
Ion Ratio Lower Upper
84 100
49 125.6 90.0 167.2
86 65.9 44.0 81.8



#21
2-Butanone
Concen: 2.289 ug/L
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW015764.D
Acq: 29 Jun 2020 15:57

Tgt Ion: 43 Resp: 2819
Ion Ratio Lower Upper
43 100
72 17.4 13.7 41.1





#40

1,2-Dichloropropane

Concen: 3.813 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW015764.D

Acq: 29 Jun 2020 15:57

Instrument :

MSVOA_W

ClientSampleId :

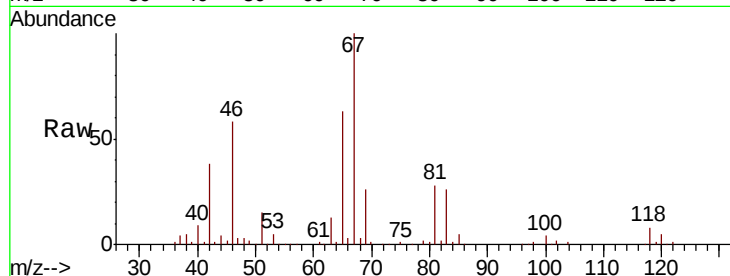
BG2L7

Tot Ion: 63 Resp: 15556

Ion Ratio Lower Upper

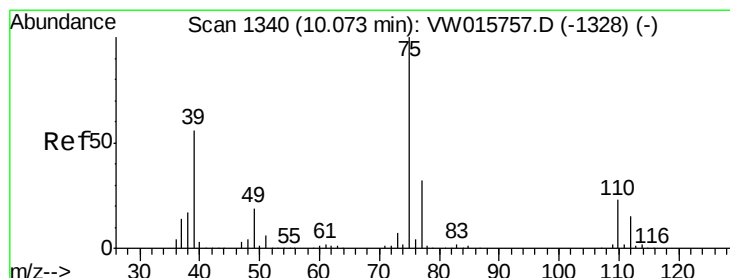
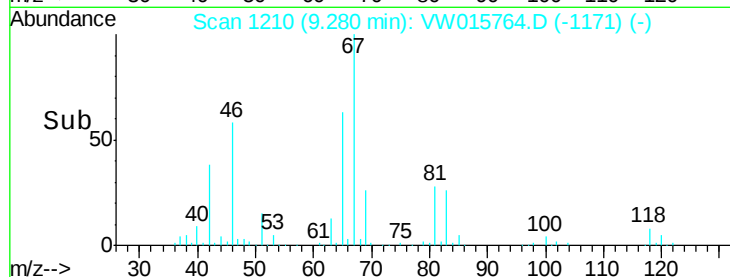
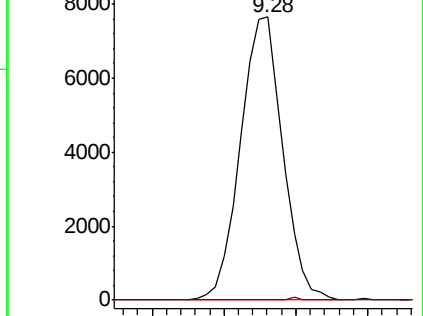
63 100

112 0.3 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: 0.687 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015764.D

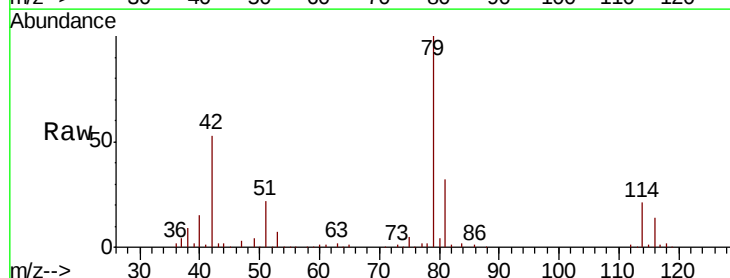
Acq: 29 Jun 2020 15:57

Tgt Ion: 75 Resp: 4375

Ion Ratio Lower Upper

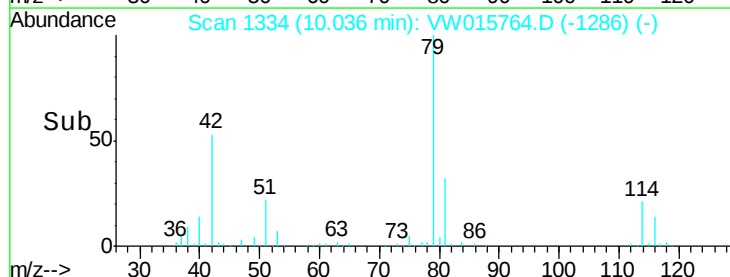
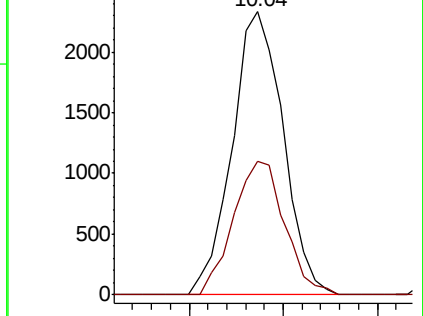
75 100

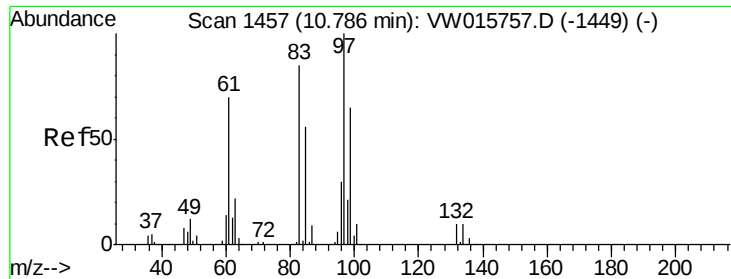
77 47.2 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

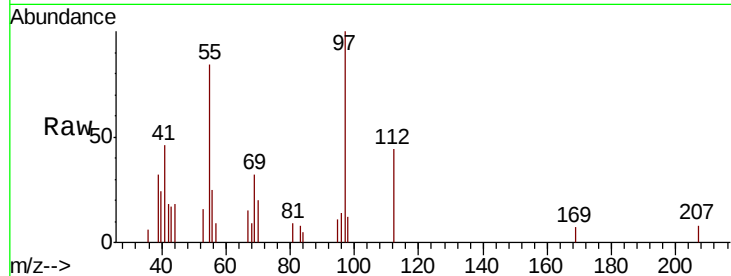




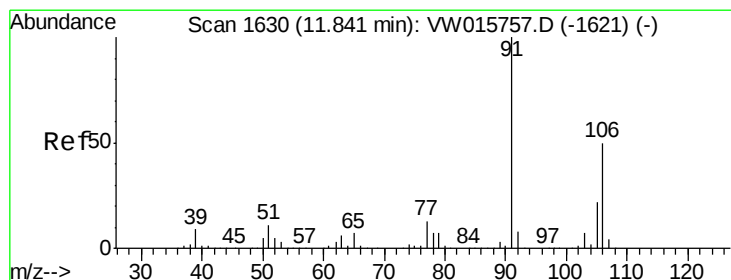
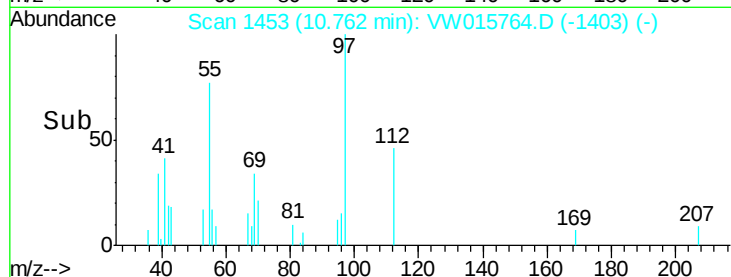
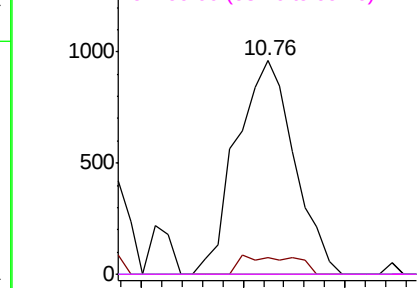
#46
 1,1,2-Trichloroethane
 Concen: 0.643 ug/L
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW015764.D
 Acq: 29 Jun 2020 15:57

Instrument :
 MSVOA_W
 ClientSampleID :
 BG2L7

Tot Ion: 97 Resp: 1894
 Ion Ratio Lower Upper
 97 100
 83 7.7 58.4 108.4#
 85 0.0 39.2 72.8#
 99 0.0 43.5 80.7#

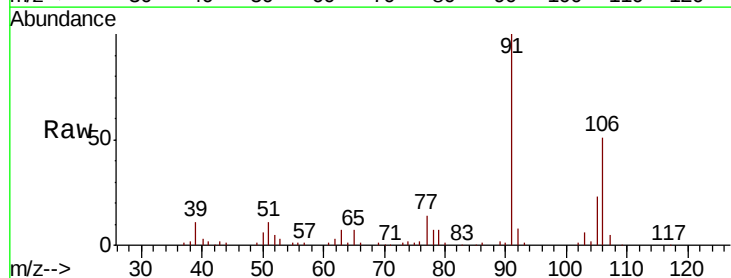


Abundance Ion 97.00 (96.70 to 97.70): VW
 Ion 83.00 (82.70 to 83.70): VW
 Ion 85.00 (84.70 to 85.70): VW
 Ion 99.00 (98.70 to 99.70): VW

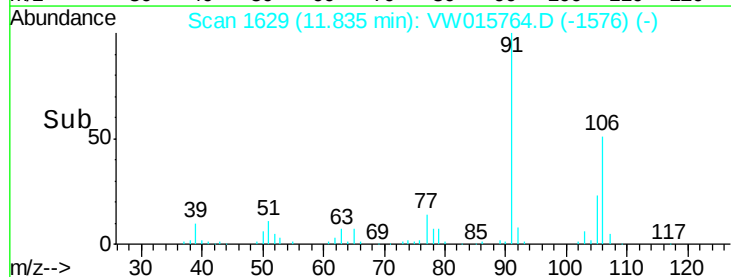
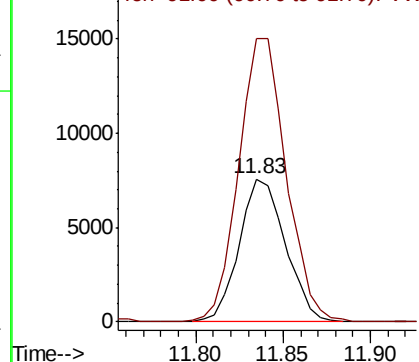


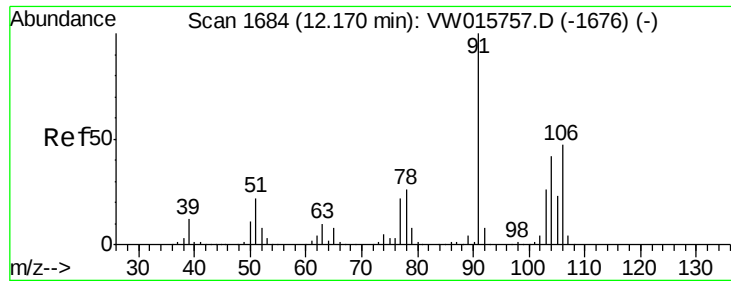
#54
 m,p-Xylene
 Concen: 1.807 ug/L
 RT: 11.83 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: VW015764.D
 Acq: 29 Jun 2020 15:57

Tgt Ion: 106 Resp: 13906
 Ion Ratio Lower Upper
 106 100
 91 197.9 141.5 262.9



Abundance Ion 106.00 (105.70 to 106.70): V
 Ion 91.00 (90.70 to 91.70): VW

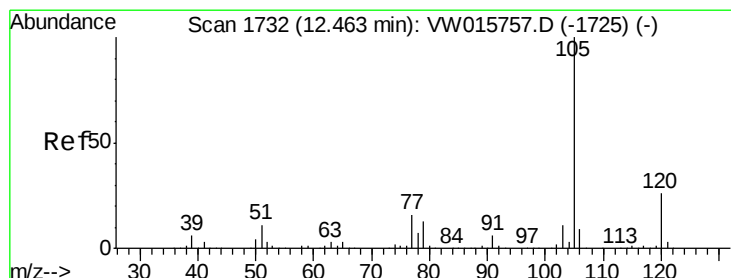
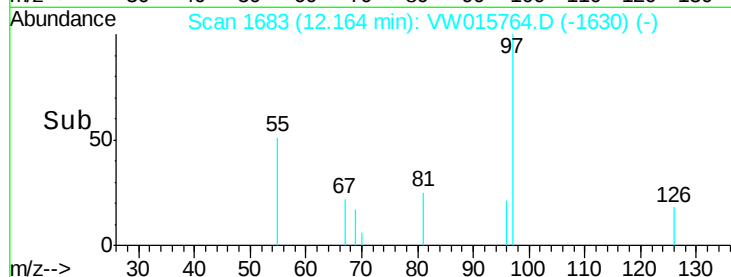
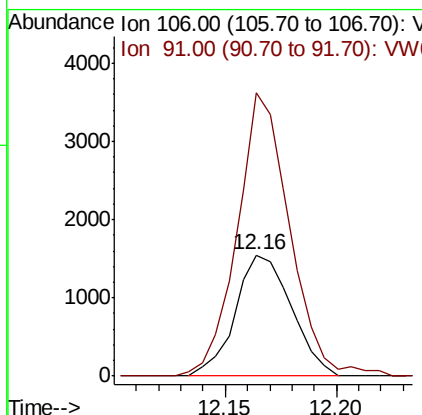
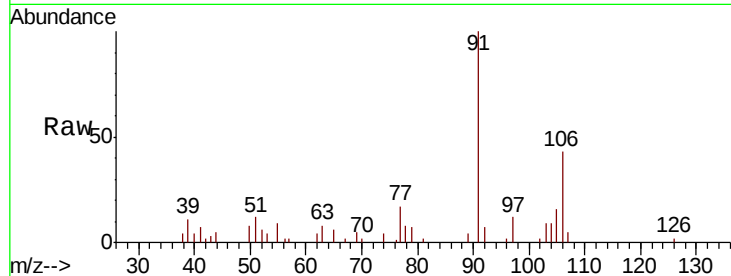




#55
o-xylene
Concen: 0.369 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW015764.D
Acq: 29 Jun 2020 15:57

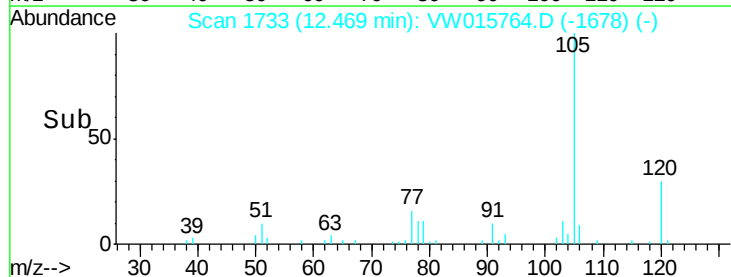
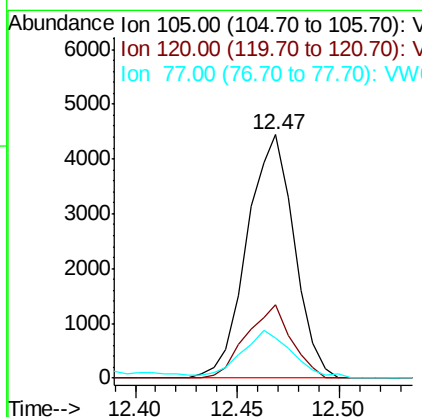
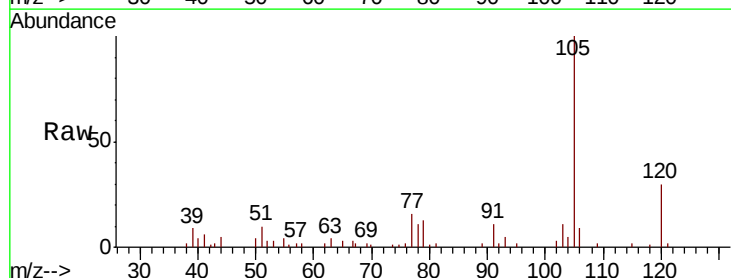
Instrument :
MSVOA_W
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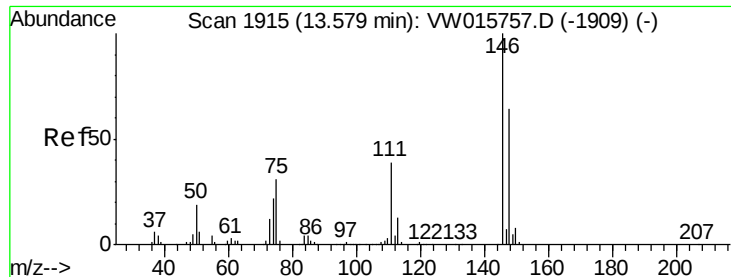
Tot Ion:106 Resp: 2718
Ion Ratio Lower Upper
106 100
91 233.1 151.3 280.9



#57
Isopropylbenzene
Concen: 0.352 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW015764.D
Acq: 29 Jun 2020 15:57

Tgt Ion:105 Resp: 7147
Ion Ratio Lower Upper
105 100
120 28.7 21.0 31.6
77 21.1 12.9 19.3#





#64

1,4-Dichlorobenzene

Concen: 0.336 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW015764.D

Acq: 29 Jun 2020 15:57

Instrument :

MSVOA_W

ClientSampleId :

BG2L7

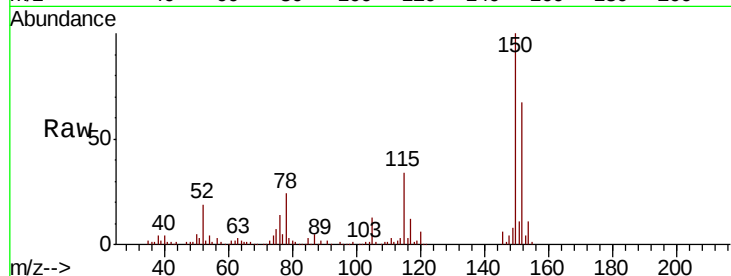
Tot Ion:146 Resp: 2566

Ion Ratio Lower Upper

146 100

111 52.8 27.8 51.6#

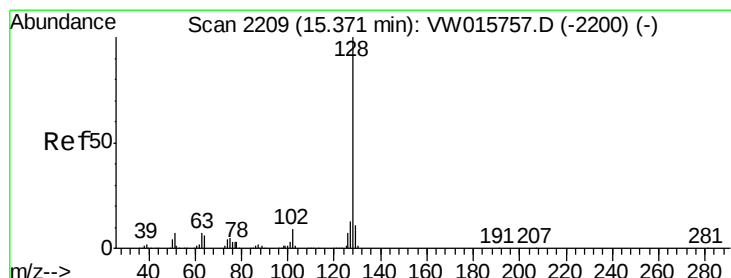
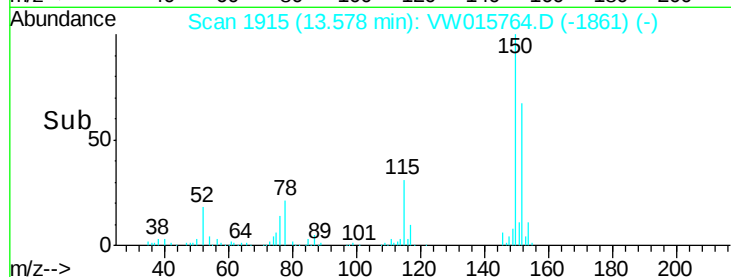
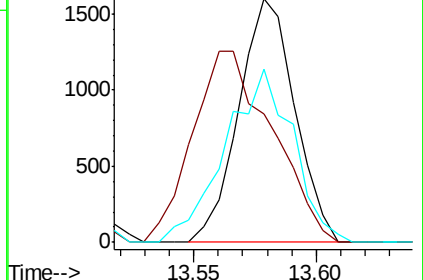
148 70.9 46.0 85.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#69

Naphthalene

Concen: 6.220 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW015764.D

Acq: 29 Jun 2020 15:57

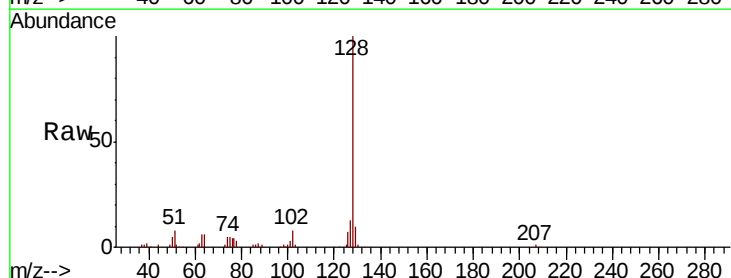
Tgt Ion:128 Resp: 48203

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

