

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014751.D
 Acq On : 24 Jan 2020 18:17
 Operator : SY/VA
 Sample : L1242-13
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20200066-AMENDED-COMP-4

Quant Time: Jan 25 06:28:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 13:12:20 2020
 Response via : Initial Calibration

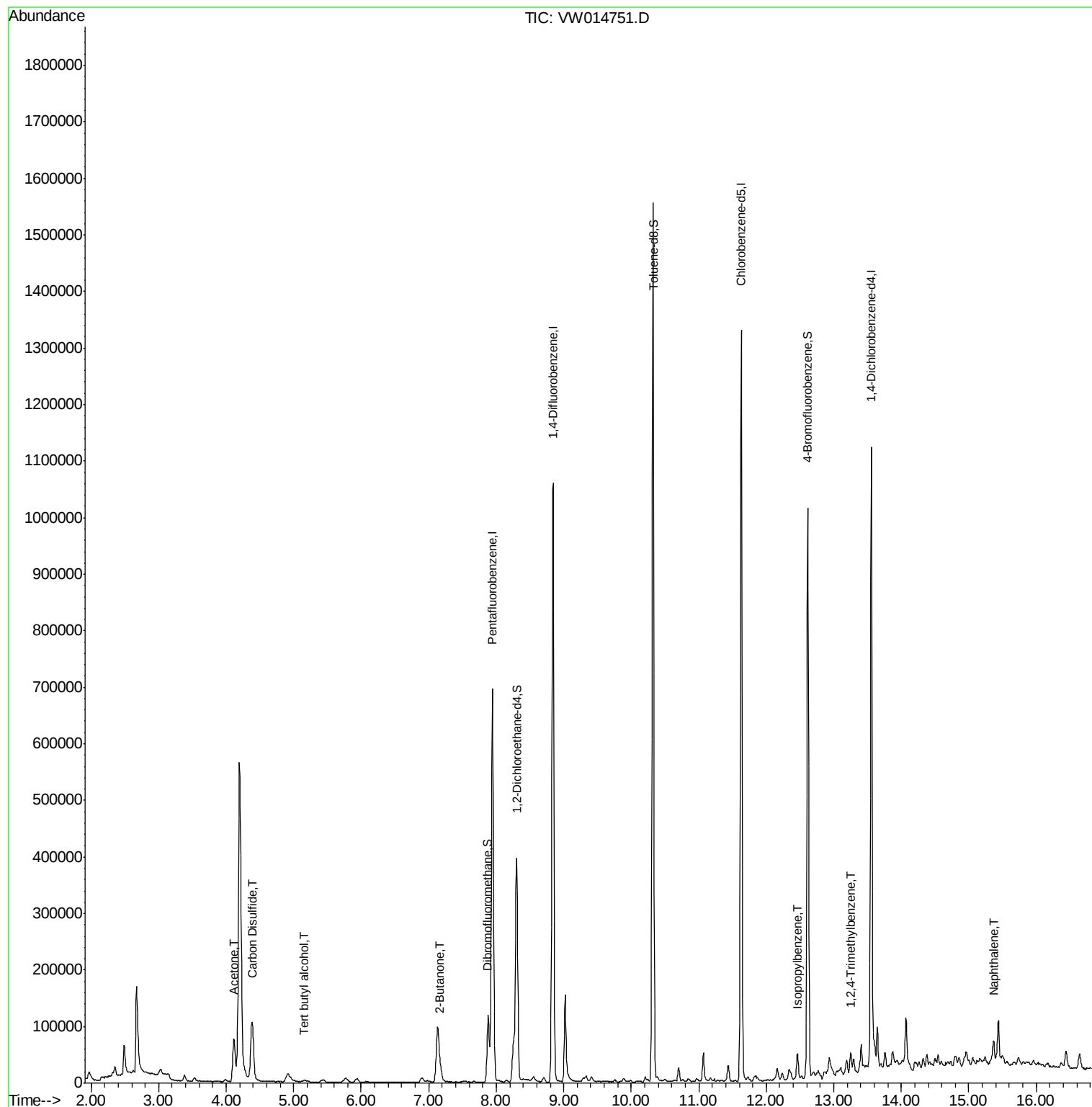
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	540127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	895303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	731656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	289707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	306870	58.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.98%	
35) Dibromofluoromethane	7.88	113	87116	16.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.44%	
50) Toluene-d8	10.32	98	1038414	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.62	95	321854	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.15	59	6477	17.327	ug/l	100
16) Acetone	4.11	43	138176	105.687	ug/l	98
17) Carbon Disulfide	4.38	76	234866	13.224	ug/l	99
25) 2-Butanone	7.17	43	41333	24.020	ug/l	100
73) Isopropylbenzene	12.46	105	23382	1.137	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	22334	1.278	ug/l	92
95) Naphthalene	15.36	128	40557	5.070	ug/l	97

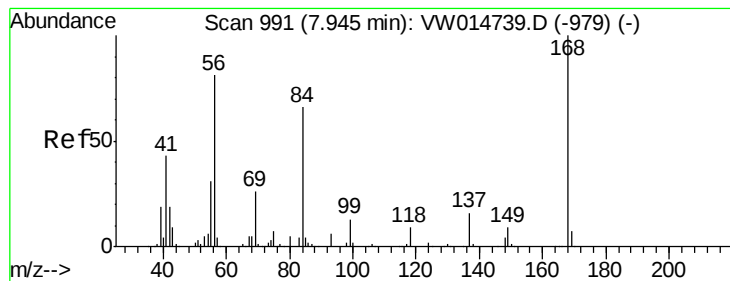
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012420\
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QLast Update : Fri Jan 24 13:12:20 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014751.D

Acq: 24 Jan 2020 18:17

Instrument :

MSVOA_W

ClientSampleId :

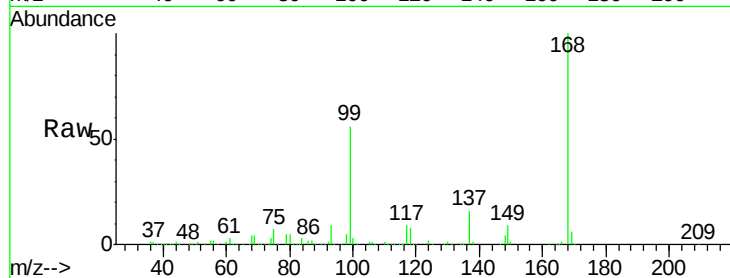
20200066-AMENDED-COMP-4

Tot Ion:168 Resp: 540127

Ion Ratio Lower Upper

168 100

99 56.4 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

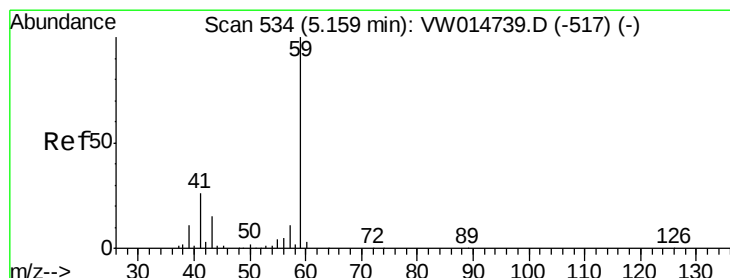
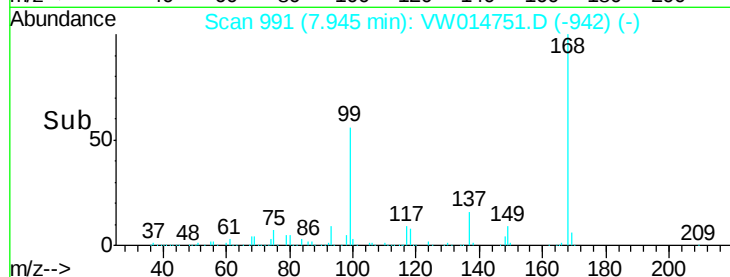
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 17.327 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW014751.D

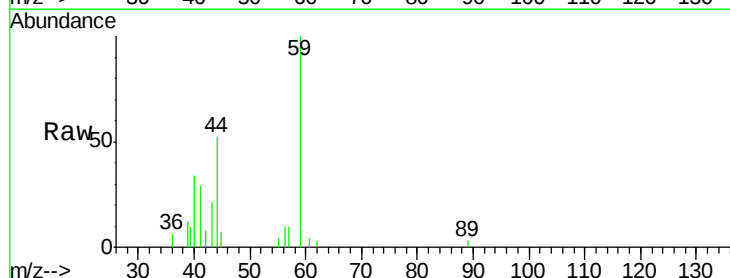
Acq: 24 Jan 2020 18:17

Tgt Ion: 59 Resp: 6477

Ion Ratio Lower Upper

59 100

57 10.8 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

2000

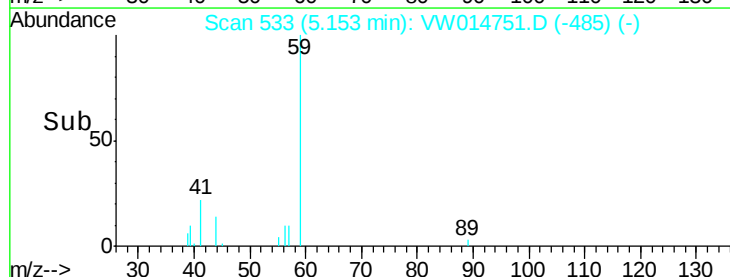
1500

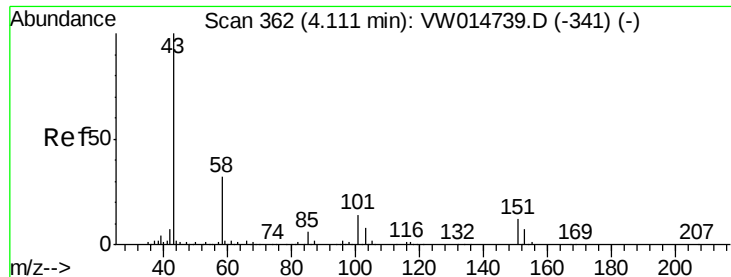
1000

500

0

Time--> 5.00 5.10 5.20 5.30

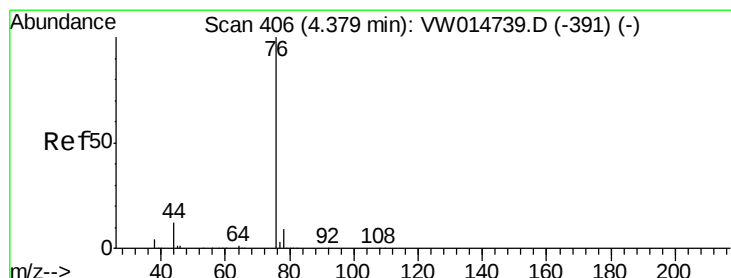
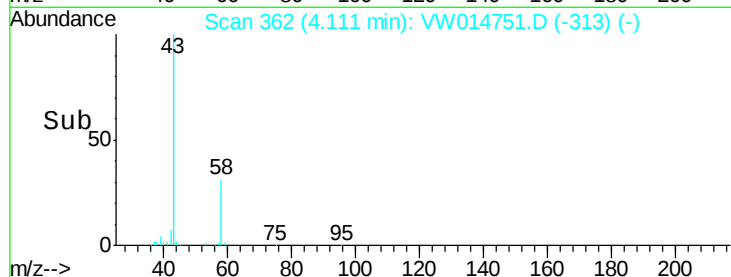
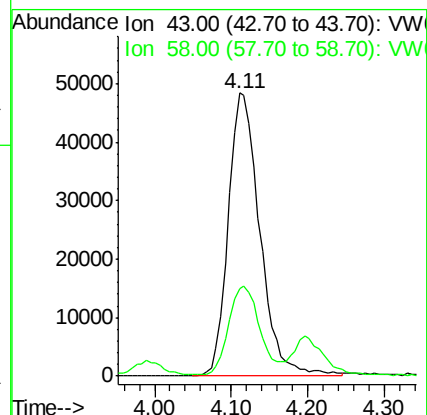
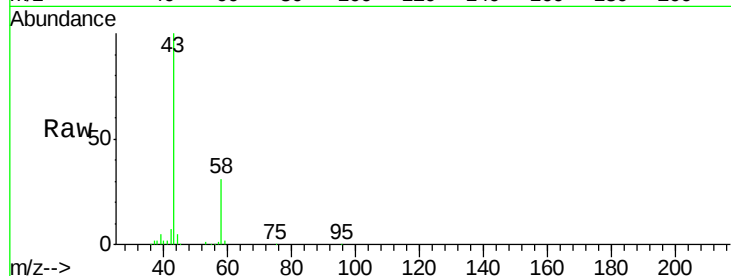




#16
Acetone
Concen: 105.687 ug/l
RT: 4.11 min Scan# 362
Delta R.T. 0.00 min
Lab File: VW014751.D
Acq: 24 Jan 2020 18:17

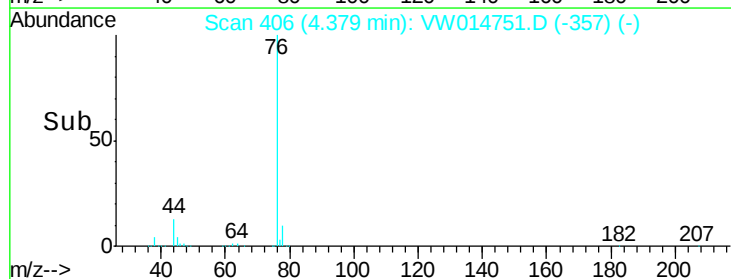
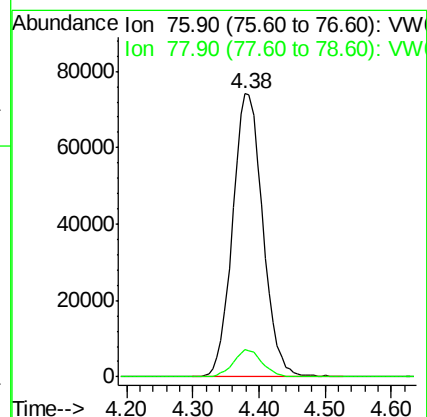
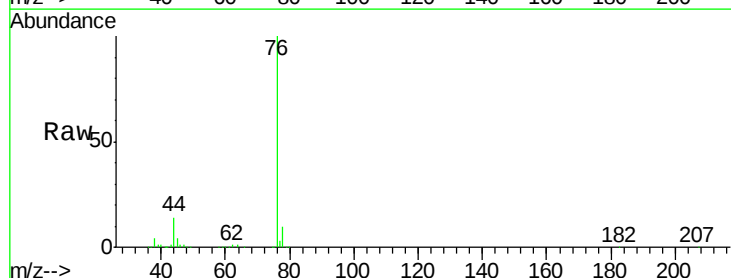
Instrument :
MSVOA_W
ClientSampleId :
20200066-AMENDED-COMP-4

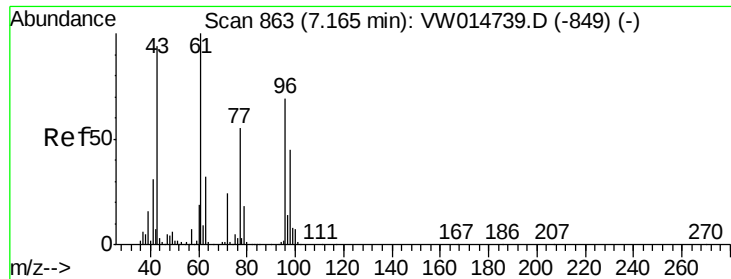
Tot Ion: 43 Resp: 138176
Ion Ratio Lower Upper
43 100
58 30.7 25.6 38.4



#17
Carbon Disulfide
Concen: 13.224 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW014751.D
Acq: 24 Jan 2020 18:17

Tgt Ion: 76 Resp: 234866
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8





#25

2-Butanone

Concen: 24.020 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW014751.D

Acq: 24 Jan 2020 18:17

Instrument :

MSVOA_W

ClientSampleId :

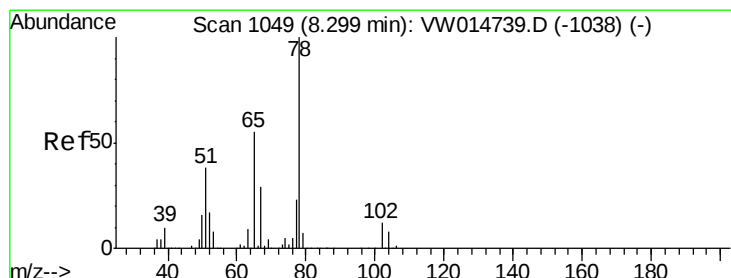
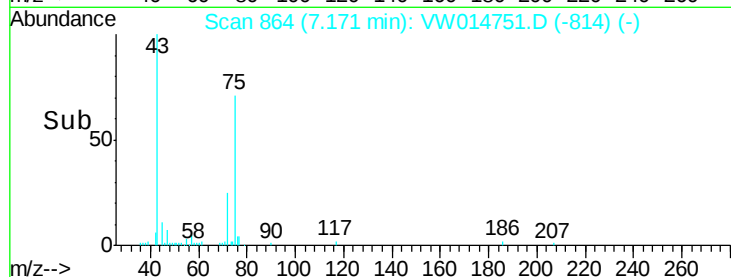
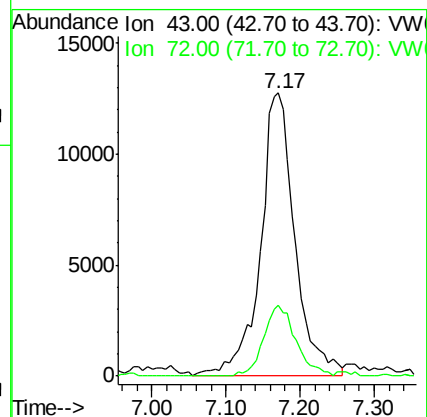
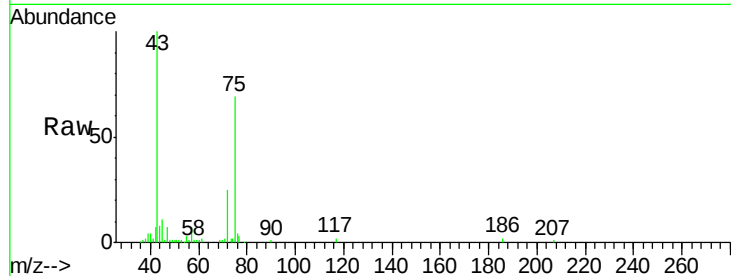
20200066-AMENDED-COMP-4

Tot Ion: 43 Resp: 41333

Ion Ratio Lower Upper

43 100

72 25.2 20.2 30.4



#33

1,2-Dichloroethane-d4

Concen: 58.989 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VW014751.D

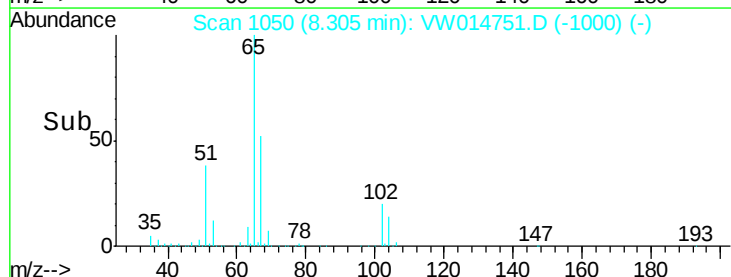
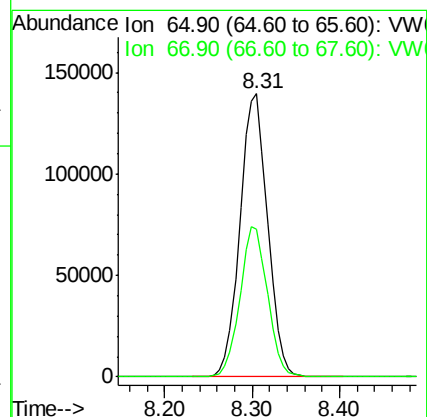
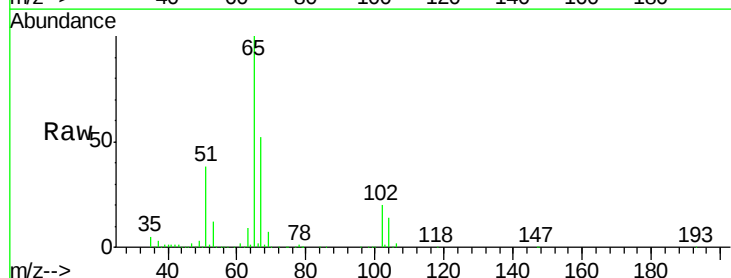
Acq: 24 Jan 2020 18:17

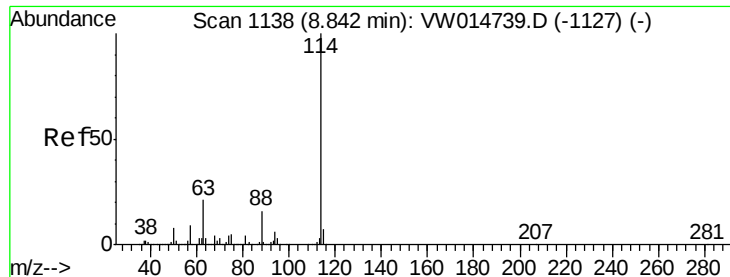
Tgt Ion: 65 Resp: 306870

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.0

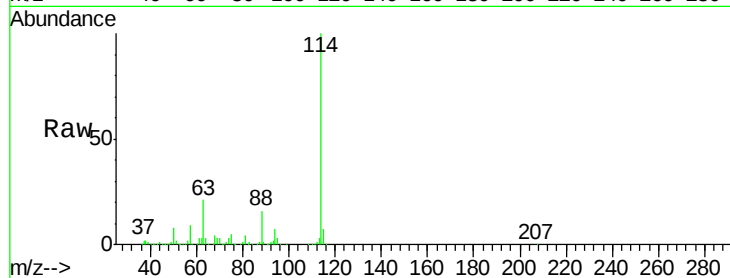




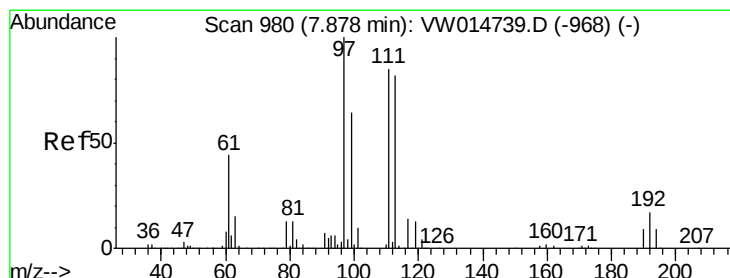
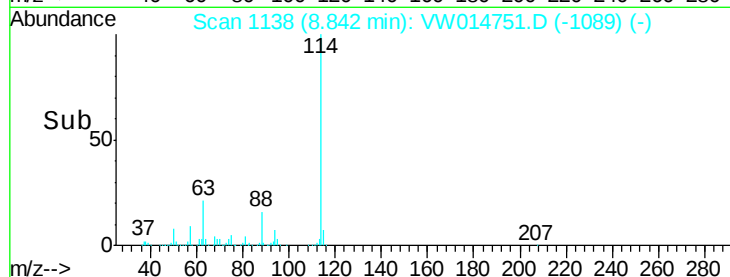
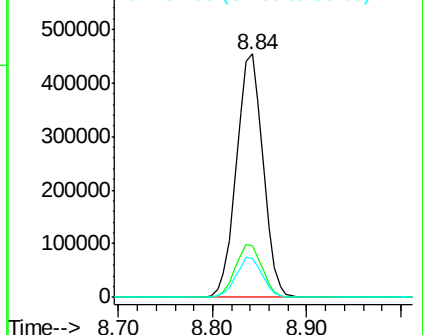
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW014751.D
Acq: 24 Jan 2020 18:17

Instrument :
MSVOA_W
ClientSampleId :
20200066-AMENDED-COMP-4

Tot Ion:114 Resp: 895303
Ion Ratio Lower Upper
114 100
63 21.3 0.0 41.2
88 16.0 0.0 32.2

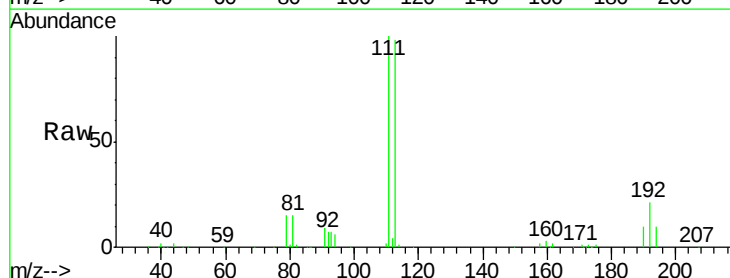


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

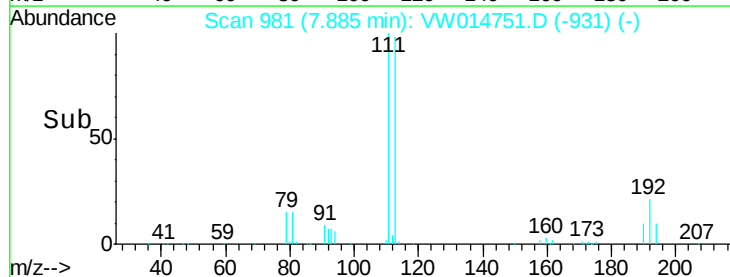
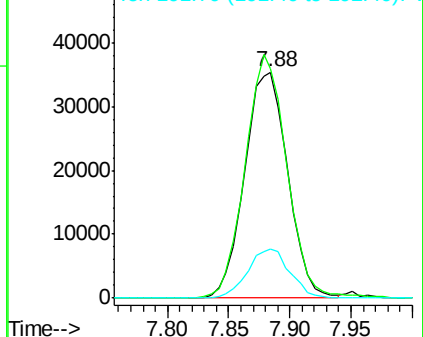


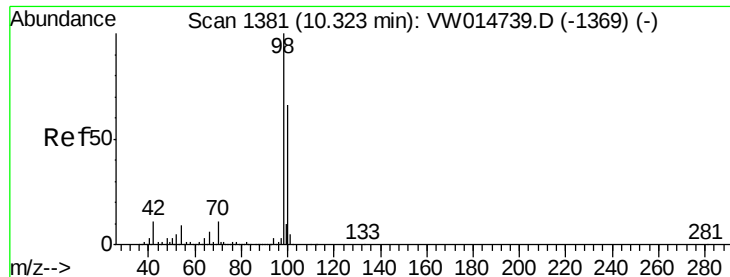
#35
Dibromofluoromethane
Concen: 16.716 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW014751.D
Acq: 24 Jan 2020 18:17

Tgt Ion:113 Resp: 87116
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 21.2 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.322 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014751.D

Acq: 24 Jan 2020 18:17

Instrument :

MSVOA_W

ClientSampleId :

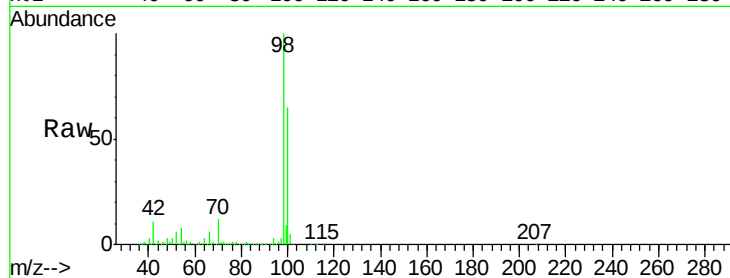
20200066-AMENDED-COMP-4

Tot Ion: 98 Resp: 1038414

Ion Ratio Lower Upper

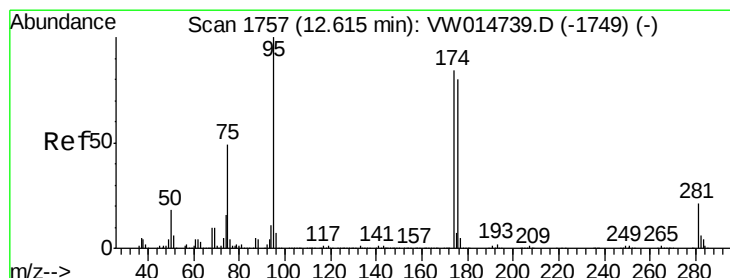
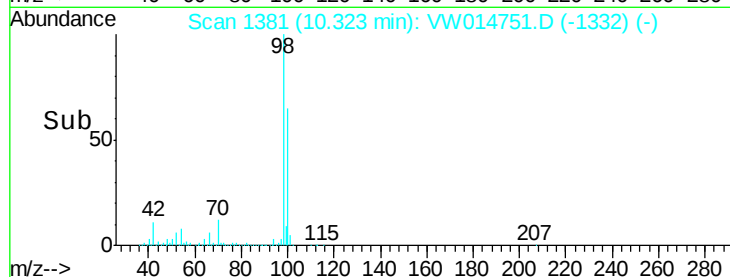
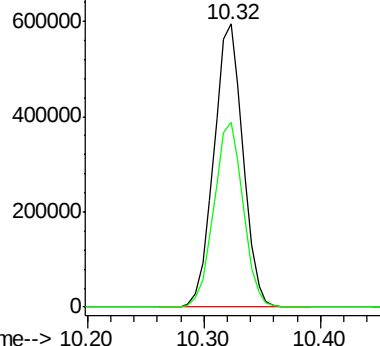
98 100

100 65.5 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 44.796 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014751.D

Acq: 24 Jan 2020 18:17

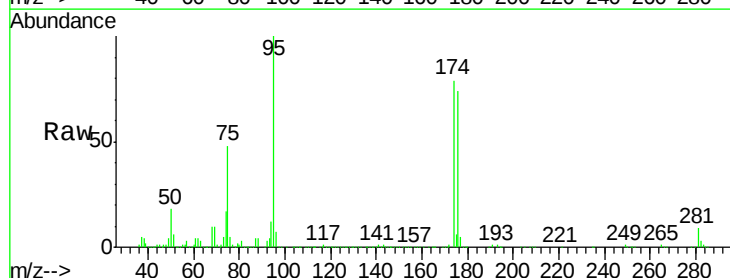
Tgt Ion: 95 Resp: 321854

Ion Ratio Lower Upper

95 100

174 80.5 0.0 163.0

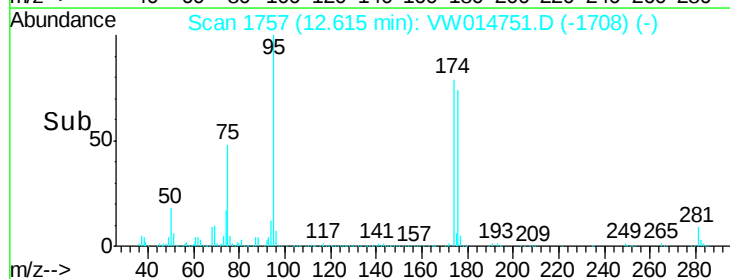
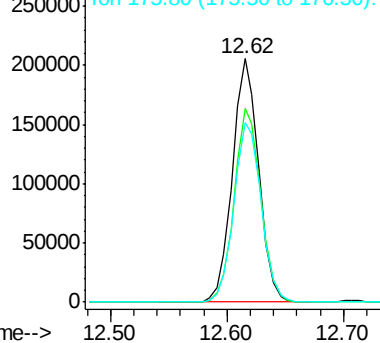
176 76.7 0.0 159.2

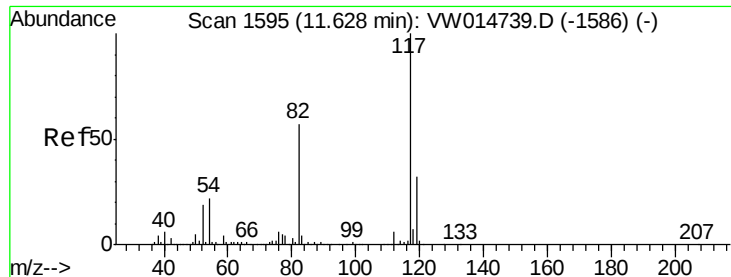


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW014751.D

Acq: 24 Jan 2020 18:17

Instrument :

MSVOA_W

ClientSampleId :

20200066-AMENDED-COMP-4

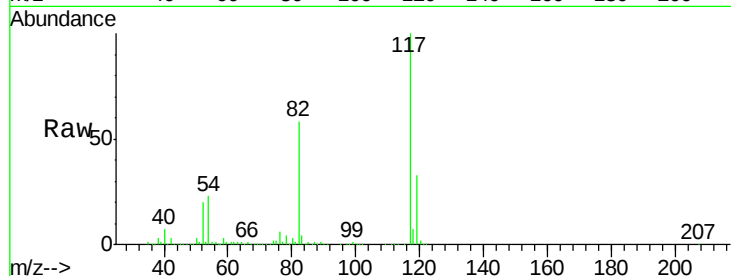
Tot Ion:117 Resp: 731656

Ion Ratio Lower Upper

117 100

82 58.3 45.9 68.9

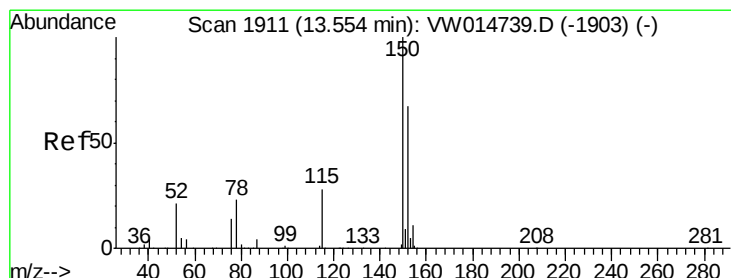
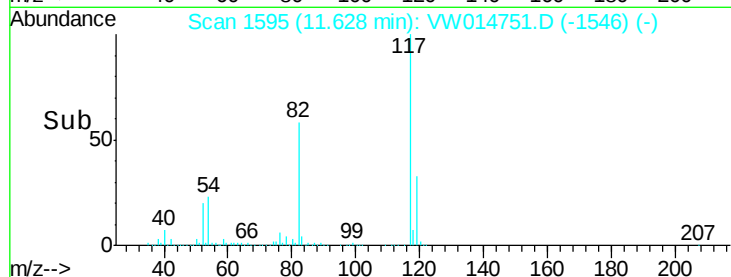
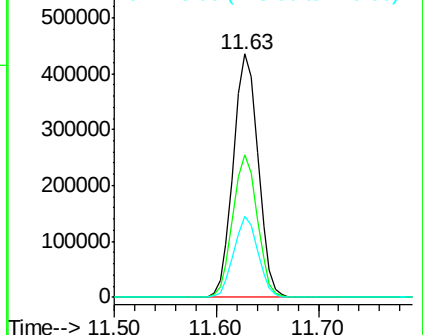
119 33.2 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014751.D

Acq: 24 Jan 2020 18:17

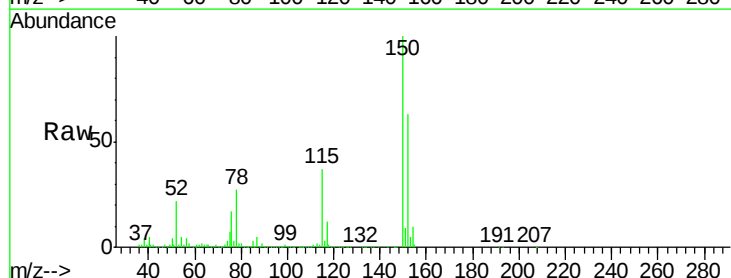
Tgt Ion:152 Resp: 289707

Ion Ratio Lower Upper

152 100

115 58.8 29.0 87.1

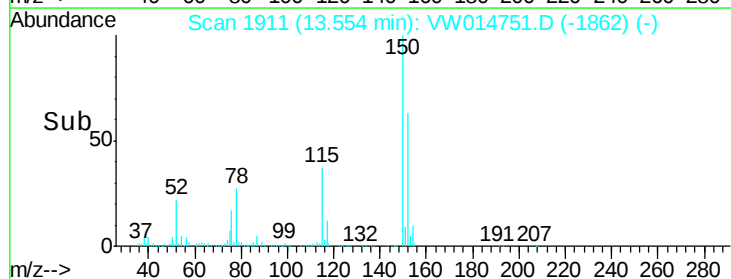
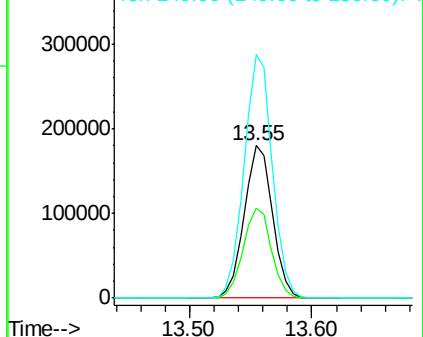
150 159.0 0.0 354.0

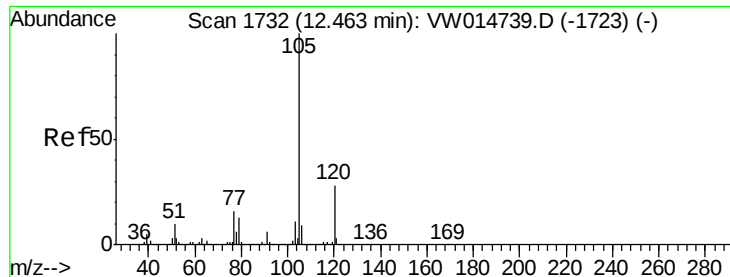


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.137 ug/l

RT: 12.46 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VW014751.D

Acq: 24 Jan 2020 18:17

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ClientSampleId :

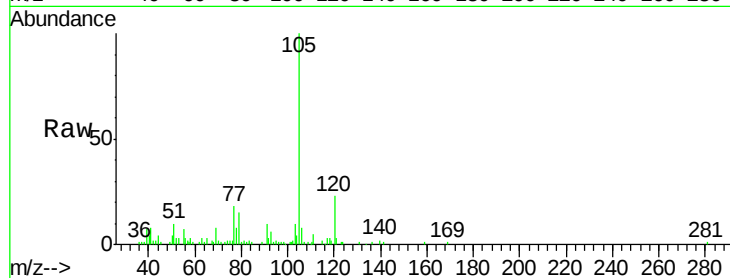
20200066-AMENDED-COMP-4

Tot Ion:105 Resp: 23382

Ion Ratio Lower Upper

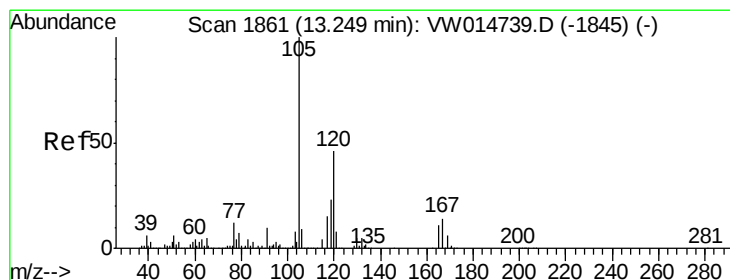
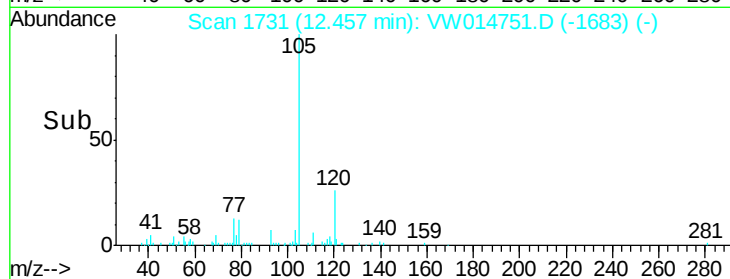
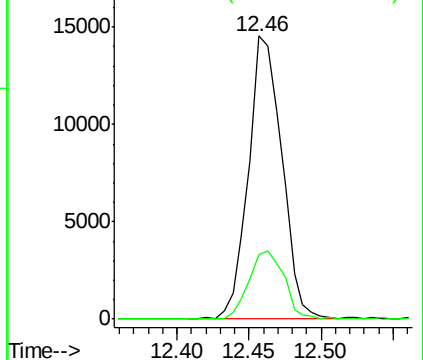
105 100

120 25.3 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.278 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW014751.D

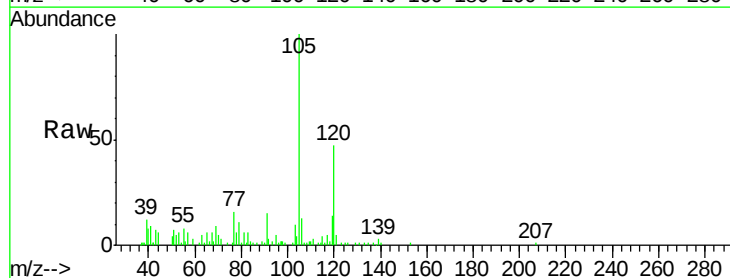
Acq: 24 Jan 2020 18:17

Tgt Ion:105 Resp: 22334

Ion Ratio Lower Upper

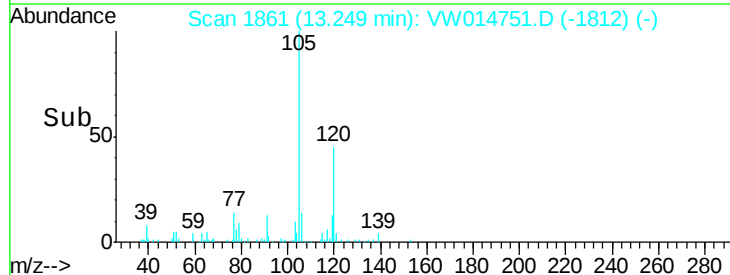
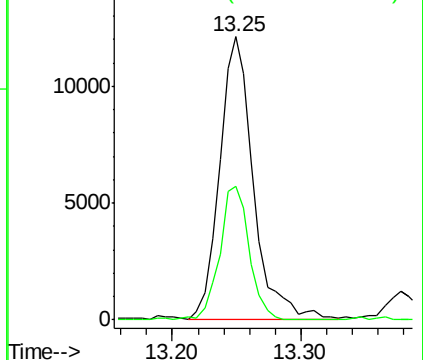
105 100

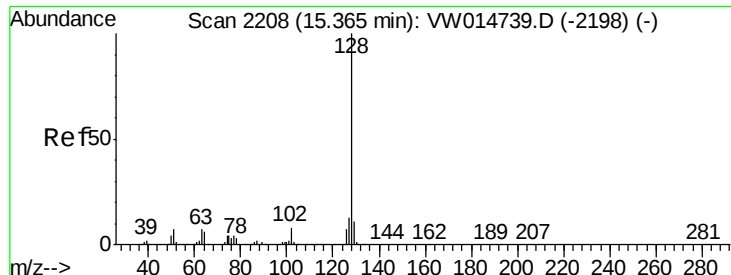
120 41.3 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

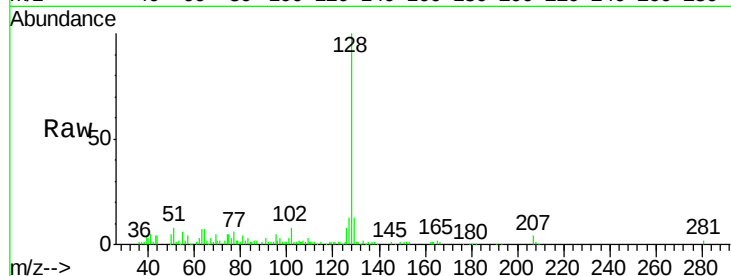




#95
Naphthalene
Concen: 5.070 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014751.D
Acq: 24 Jan 2020 18:17

Instrument :
MSVOA_W
ClientSampleId :
20200066-AMENDED-COMP-4

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.6	15.8
129	12.8	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

