

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\
 Data File : VX017400.D
 Acq On : 16 Jul 2020 18:45
 Operator : JC/SP
 Sample : L3323-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 223-224

Quant Time: Jul 17 02:16:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

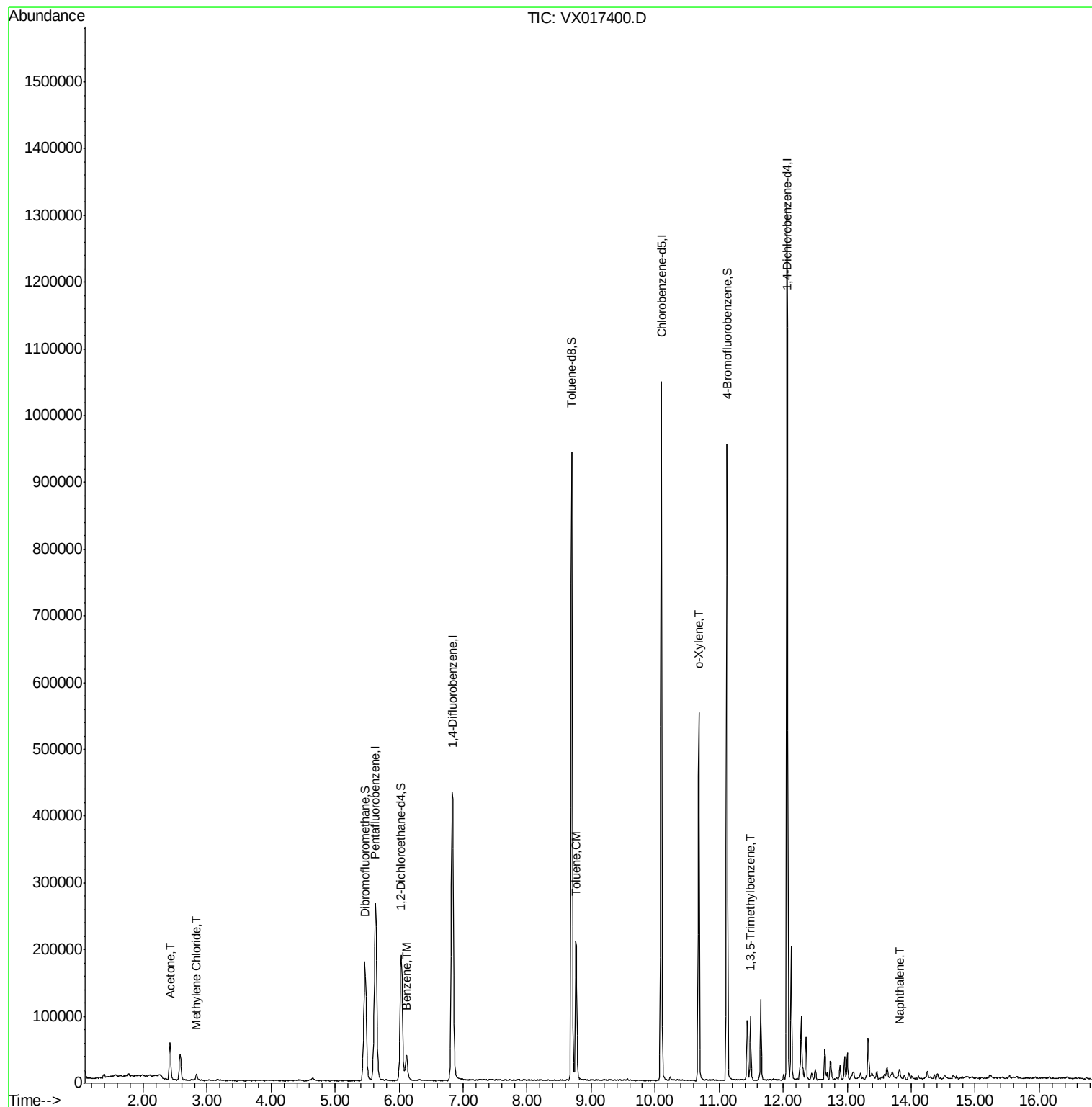
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	250676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	439841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	469645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	269184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	177072	56.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.56%	
35) Dibromofluoromethane	5.47	113	153577	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
50) Toluene-d8	8.70	98	553458	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.12	95	240085	56.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.10%	
Target Compounds						
16) Acetone	2.42	43	59488	52.999	ug/l	100
20) Methylene Chloride	2.83	84	4361	1.592	ug/l	92
40) Benzene	6.11	78	45287	3.895	ug/l	95
52) Toluene	8.76	92	80506	10.790	ug/l	100
69) o-Xylene	10.68	106	117372	20.319	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	40961	2.860	ug/l	100
95) Naphthalene	13.82	128	7946	0.482	ug/l #	93

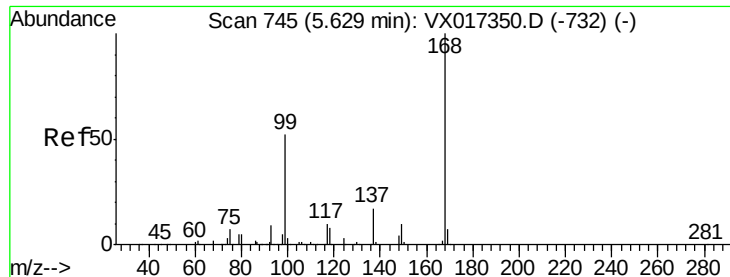
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017400.D

Acq: 16 Jul 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

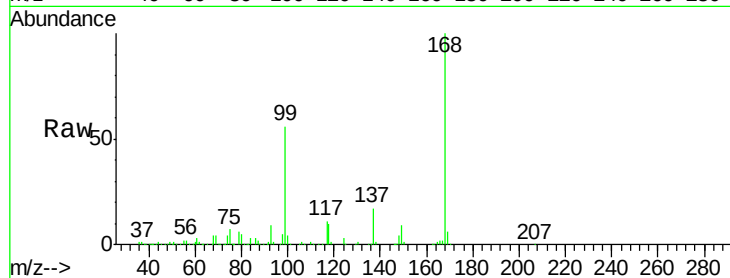
223-224

Tot Ion:168 Resp: 250676

Ion Ratio Lower Upper

168 100

99 56.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

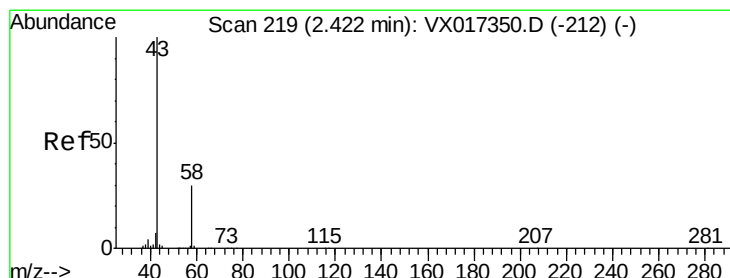
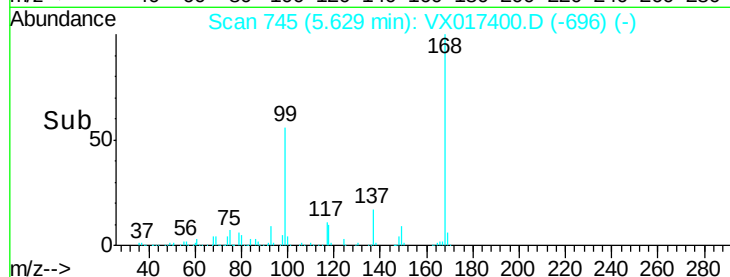
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 52.999 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017400.D

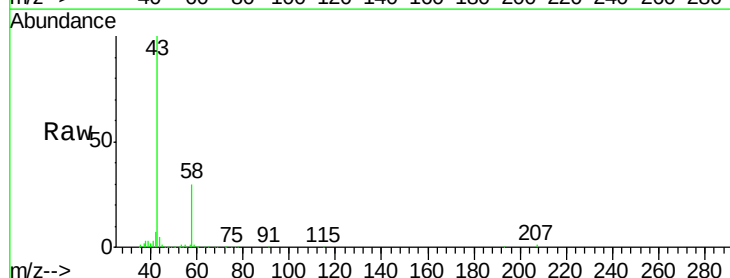
Acq: 16 Jul 2020 18:45

Tgt Ion: 43 Resp: 59488

Ion Ratio Lower Upper

43 100

58 29.9 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

40000

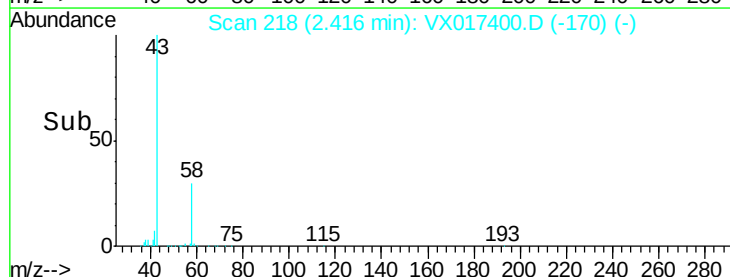
30000

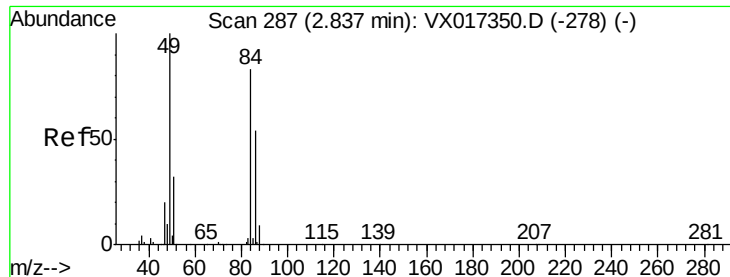
20000

10000

0

Time-->

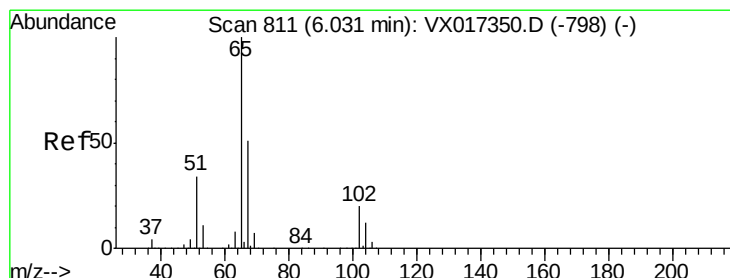
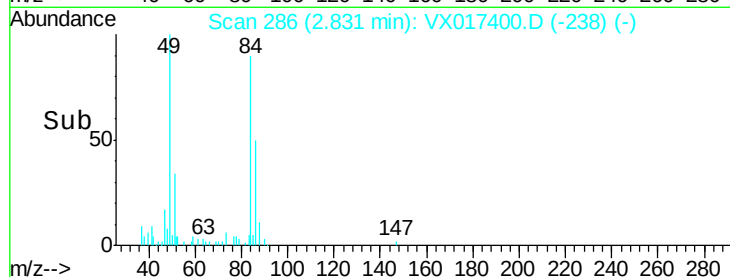
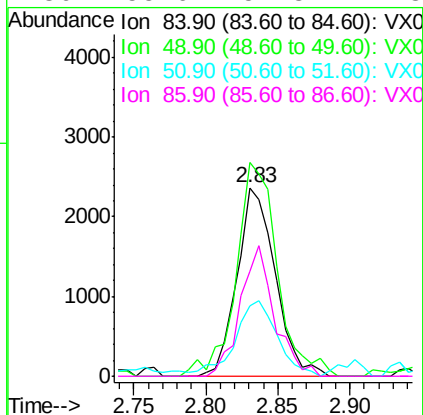
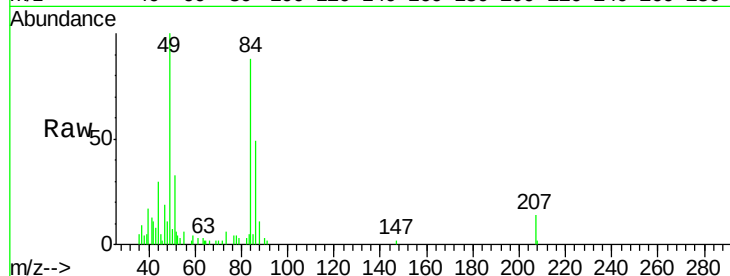




#20
Methylene Chloride
Concen: 1.592 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017400.D
Acq: 16 Jul 2020 18:45

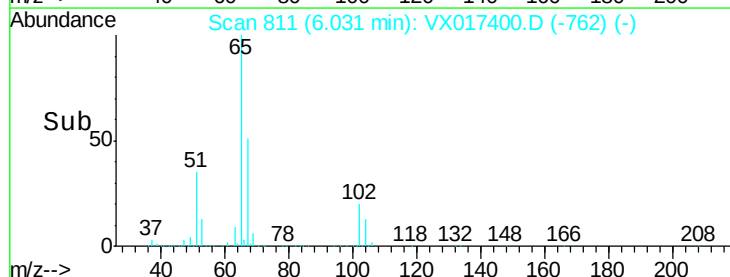
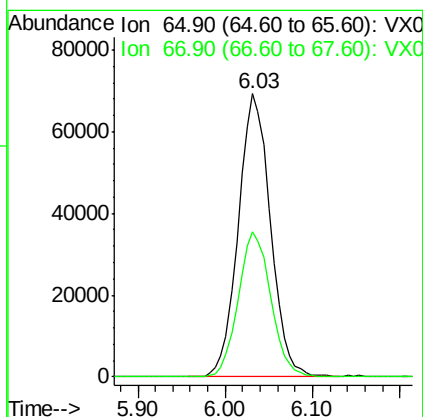
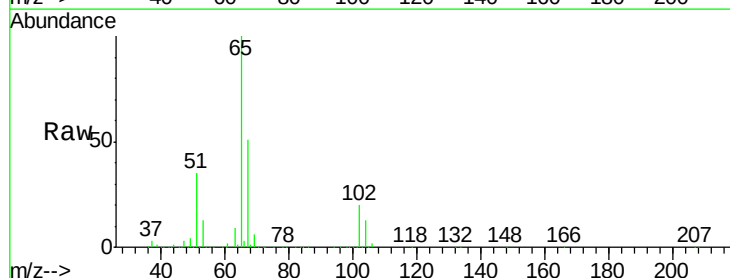
Instrument :
MSVOA_X
ClientSampled :
223-224

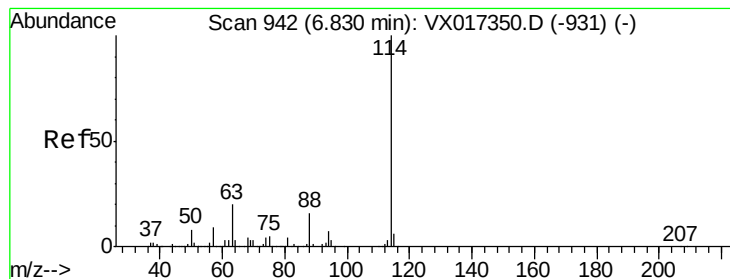
Tot Ion:	84	Resp:	4361
Ion	Ratio	Lower	Upper
84	100		
49	113.3	95.8	143.8
51	35.3	31.0	46.4
86	55.6	51.8	77.8



#33
1,2-Dichloroethane-d4
Concen: 56.281 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX017400.D
Acq: 16 Jul 2020 18:45

Tgt Ion:	65	Resp:	177072
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017400.D

Acq: 16 Jul 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

223-224

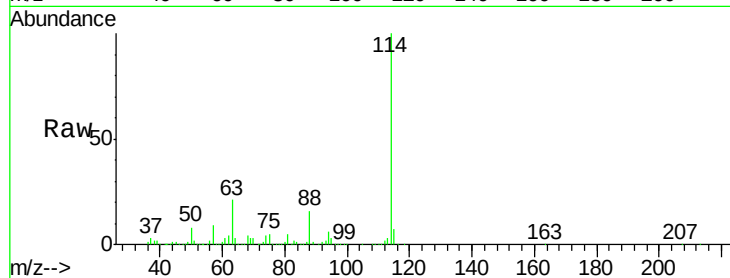
Tot Ion:114 Resp: 439841

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

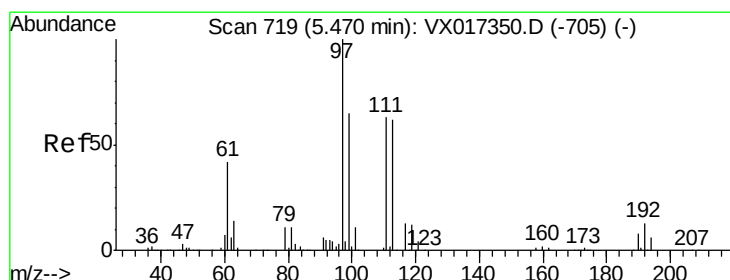
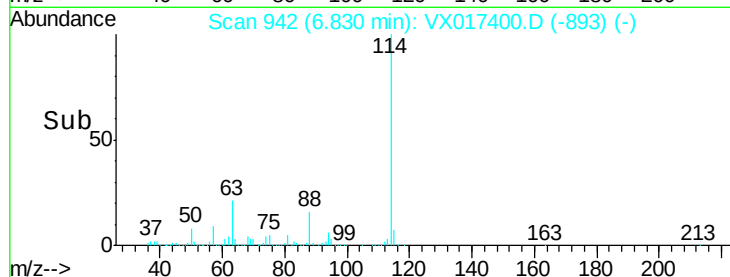
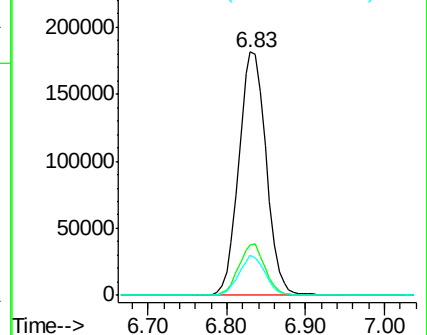
88 16.3 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 51.834 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017400.D

Acq: 16 Jul 2020 18:45

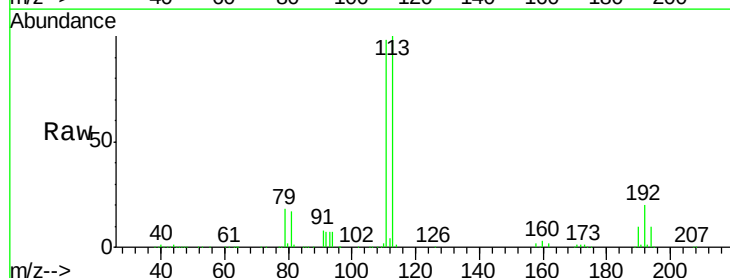
Tgt Ion:113 Resp: 153577

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

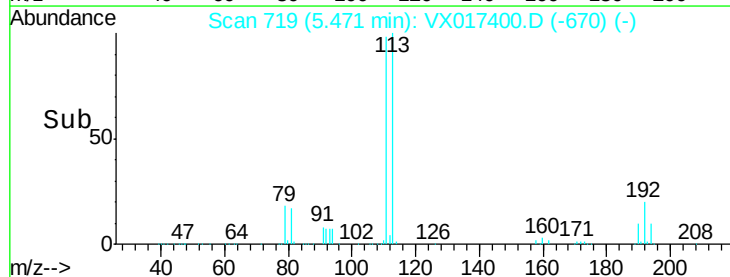
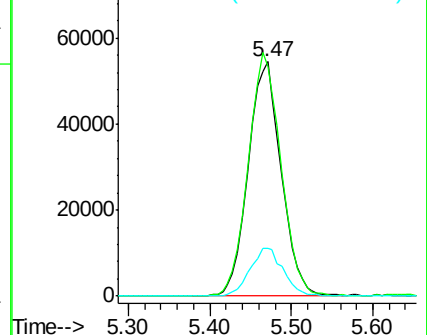
192 20.5 17.2 25.8

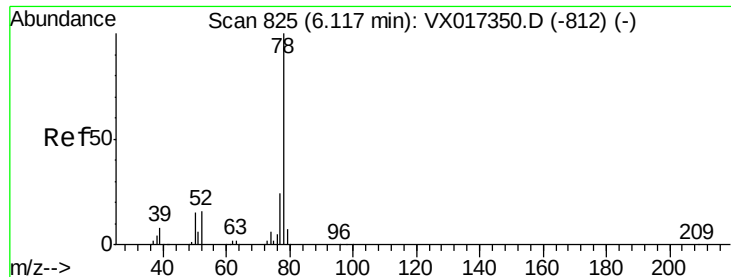


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

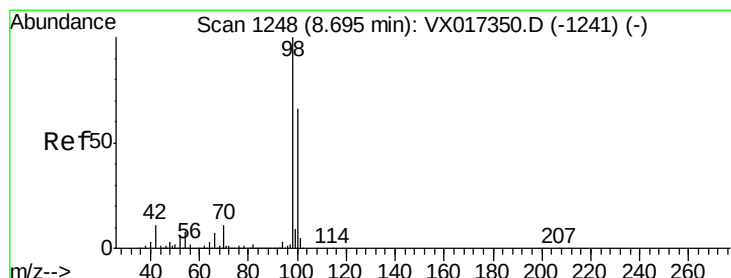
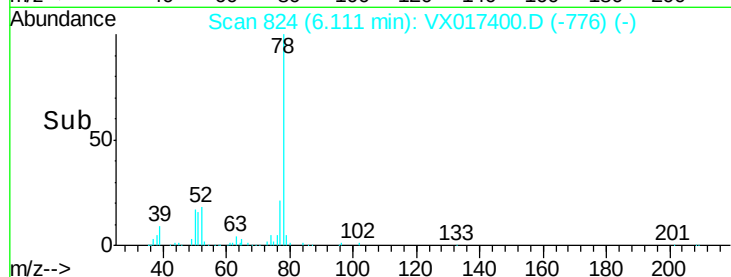
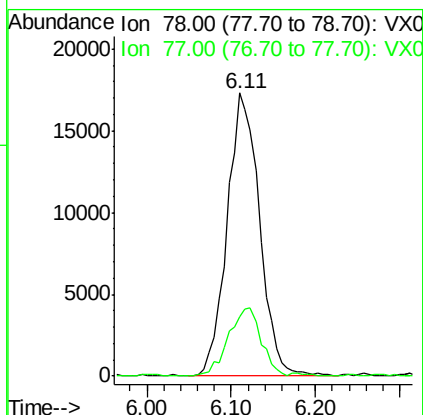
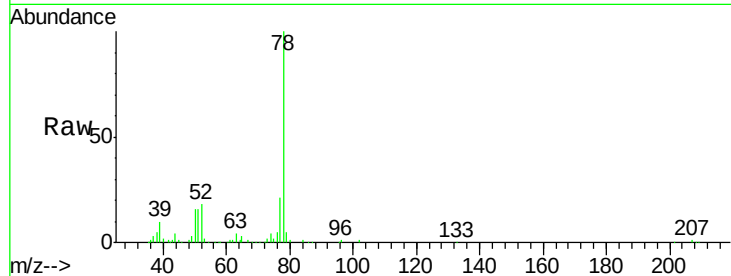




#40
Benzene
Concen: 3.895 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017400.D
Acq: 16 Jul 2020 18:45

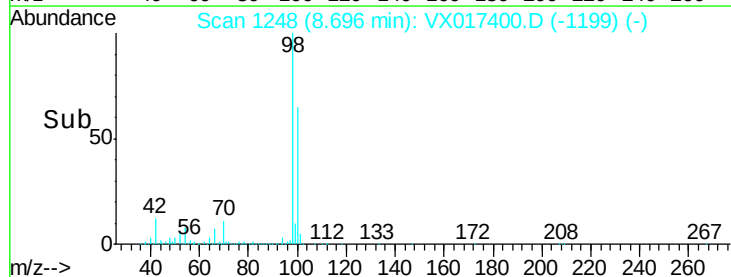
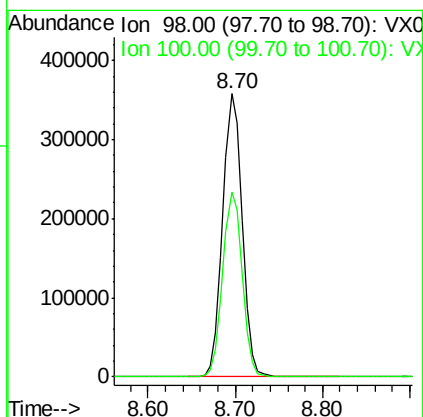
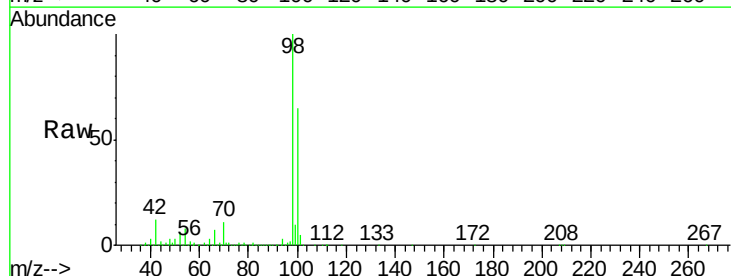
Instrument :
MSVOA_X
ClientSampleId :
223-224

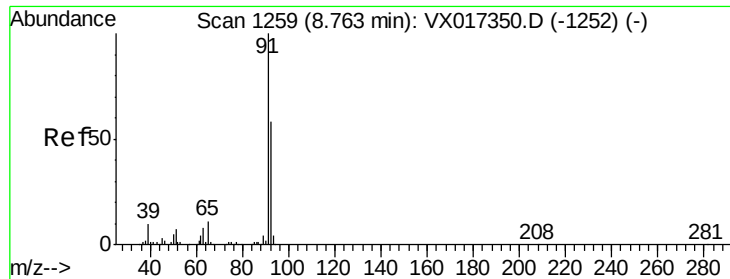
Tot Ion: 78 Resp: 45287
Ion Ratio Lower Upper
78 100
77 21.1 18.9 28.3



#50
Toluene-d8
Concen: 51.786 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017400.D
Acq: 16 Jul 2020 18:45

Tgt Ion: 98 Resp: 553458
Ion Ratio Lower Upper
98 100
100 65.1 53.4 80.2





#52

Toluene

Concen: 10.790 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017400.D

Acq: 16 Jul 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

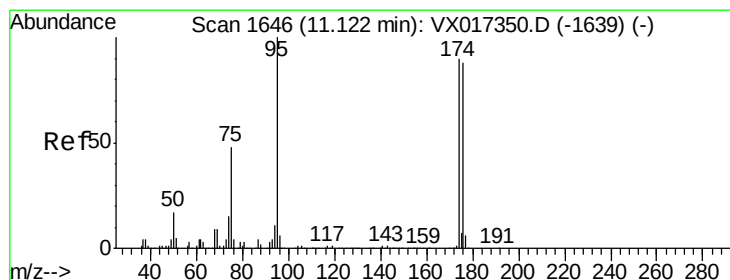
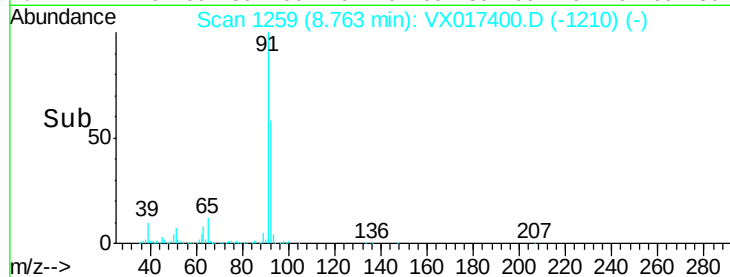
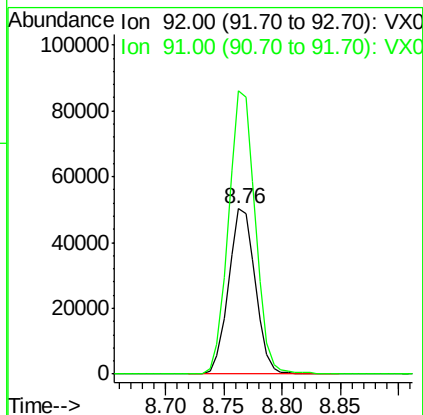
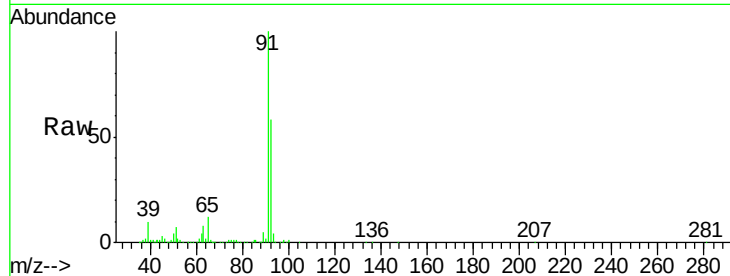
223-224

Tot Ion: 92 Resp: 80506

Ion Ratio Lower Upper

92 100

91 170.9 136.7 205.1



#62

4-Bromofluorobenzene

Concen: 56.554 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017400.D

Acq: 16 Jul 2020 18:45

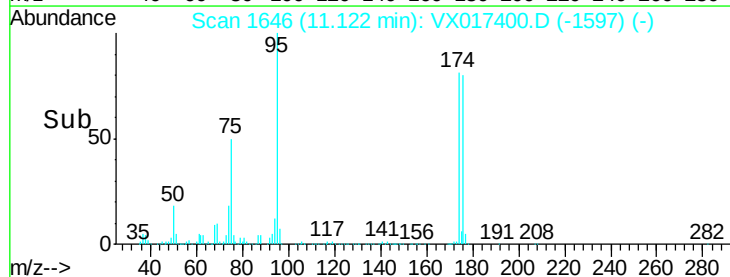
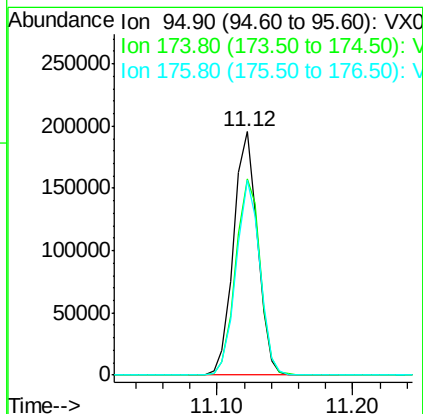
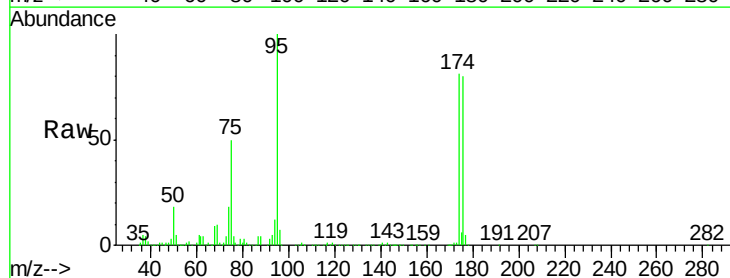
Tgt Ion: 95 Resp: 240085

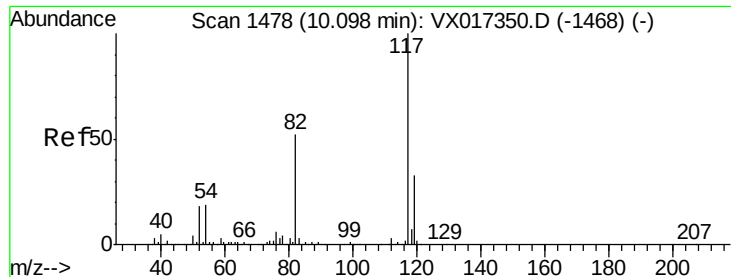
Ion Ratio Lower Upper

95 100

174 82.6 0.0 175.8

176 79.7 0.0 164.6

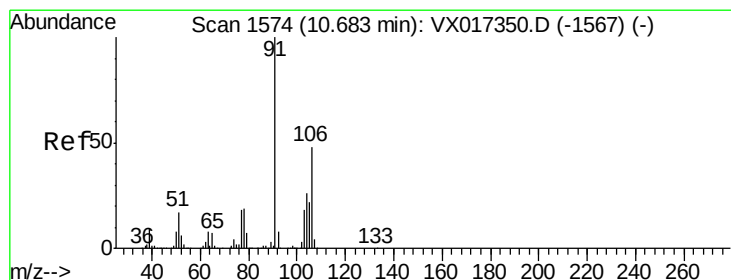
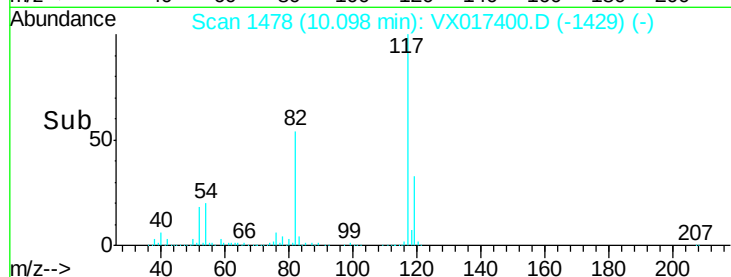
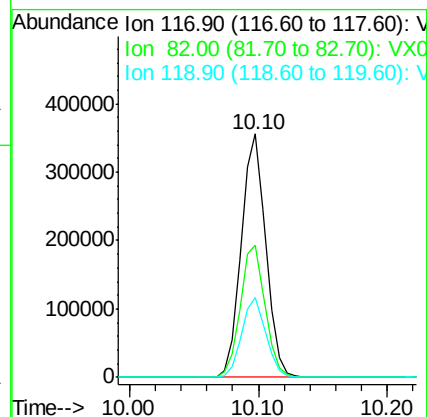
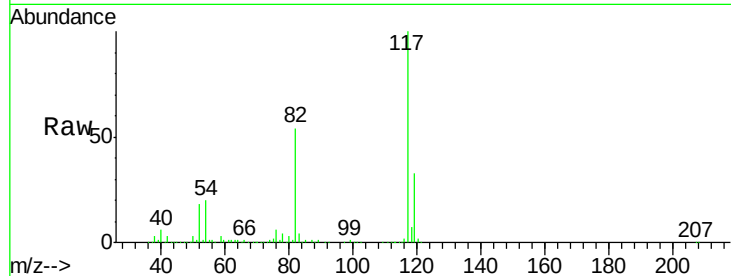




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017400.D
Acq: 16 Jul 2020 18:45

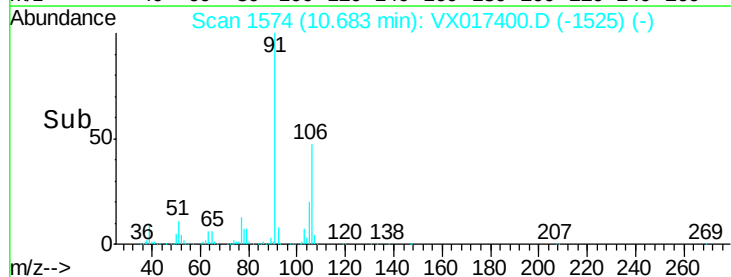
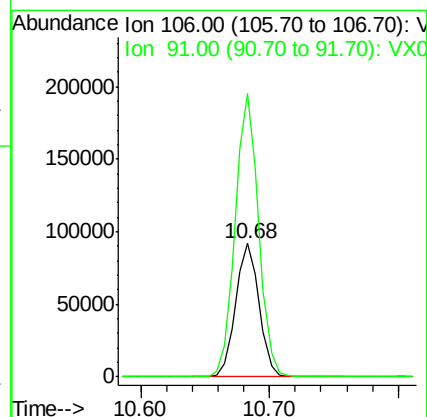
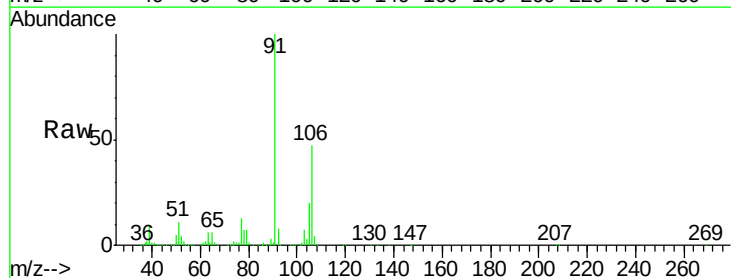
Instrument :
MSVOA_X
ClientSampleId :
223-224

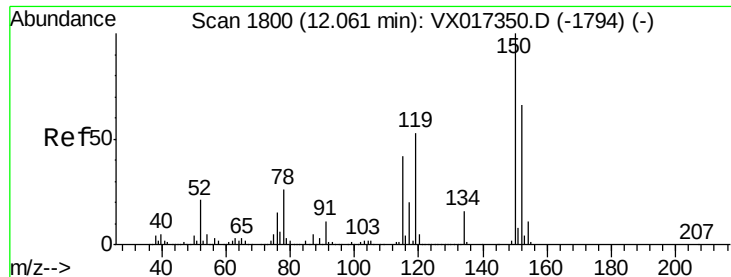
Tot Ion:117 Resp: 469645
Ion Ratio Lower Upper
117 100
82 54.4 42.0 63.0
119 32.6 26.3 39.5



#69
o-Xylene
Concen: 20.319 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017400.D
Acq: 16 Jul 2020 18:45

Tgt Ion:106 Resp: 117372
Ion Ratio Lower Upper
106 100
91 211.9 106.1 318.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017400.D

Acq: 16 Jul 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

223-224

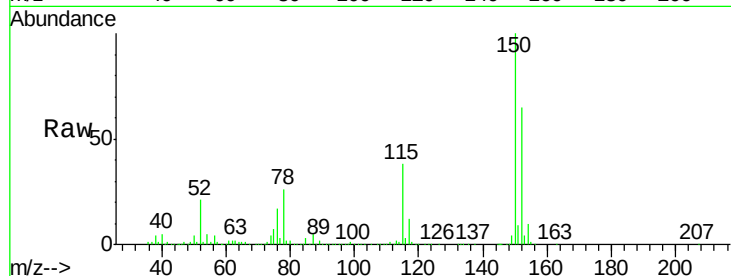
Tot Ion:152 Resp: 269184

Ion Ratio Lower Upper

152 100

115 58.0 39.9 119.7

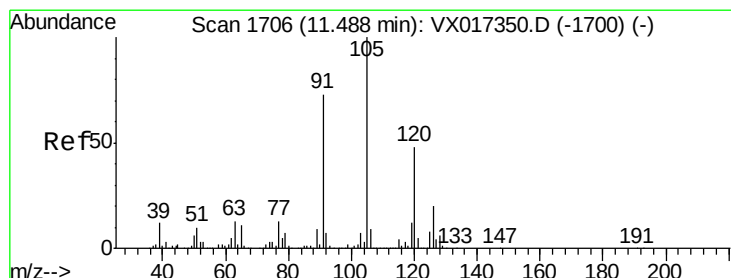
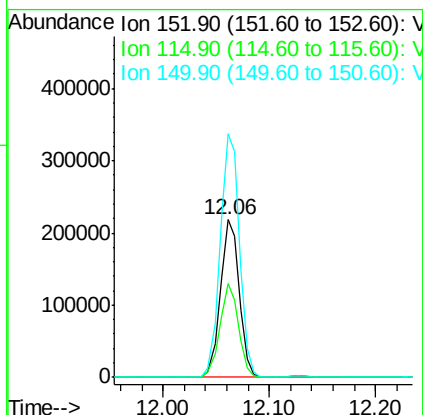
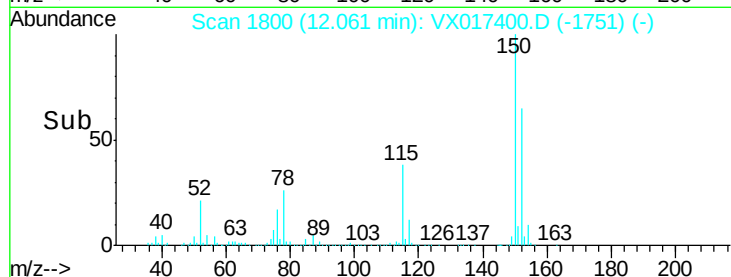
150 158.1 0.0 343.4



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



#80

1,3,5-Trimethylbenzene

Concen: 2.860 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX017400.D

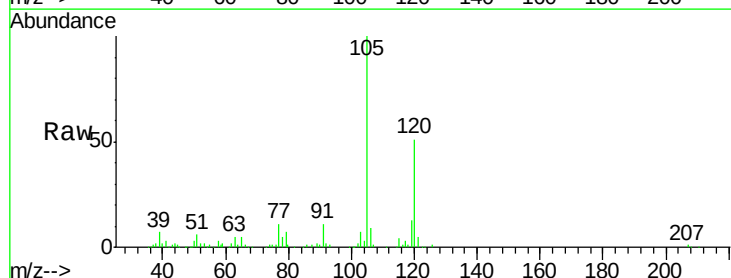
Acq: 16 Jul 2020 18:45

Tgt Ion:105 Resp: 40961

Ion Ratio Lower Upper

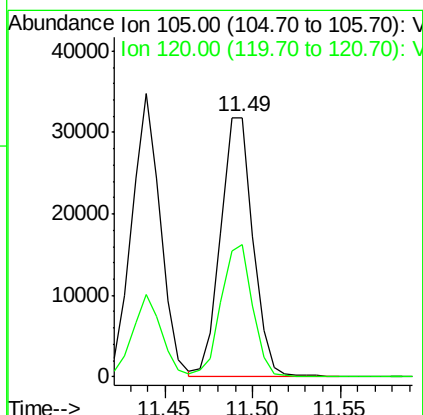
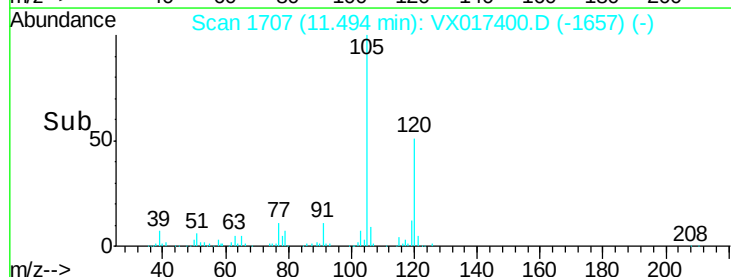
105 100

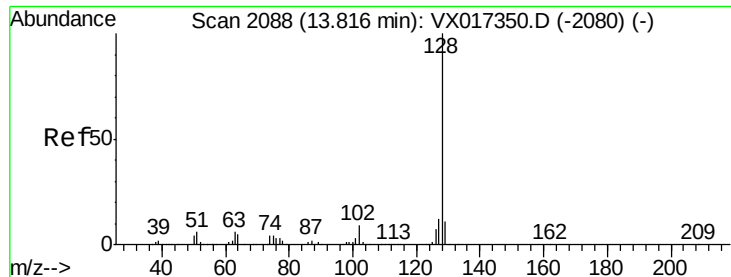
120 49.5 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 0.482 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017400.D
Acq: 16 Jul 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
223-224

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.2	15.4#
129	13.3	8.9	13.3

