

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
 Data File : VY003338.D
 Acq On : 24 Jul 2020 17:39
 Operator : SY/MD
 Sample : L3436-06
 Misc : 6.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6

Quant Time: Jul 25 02:34:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

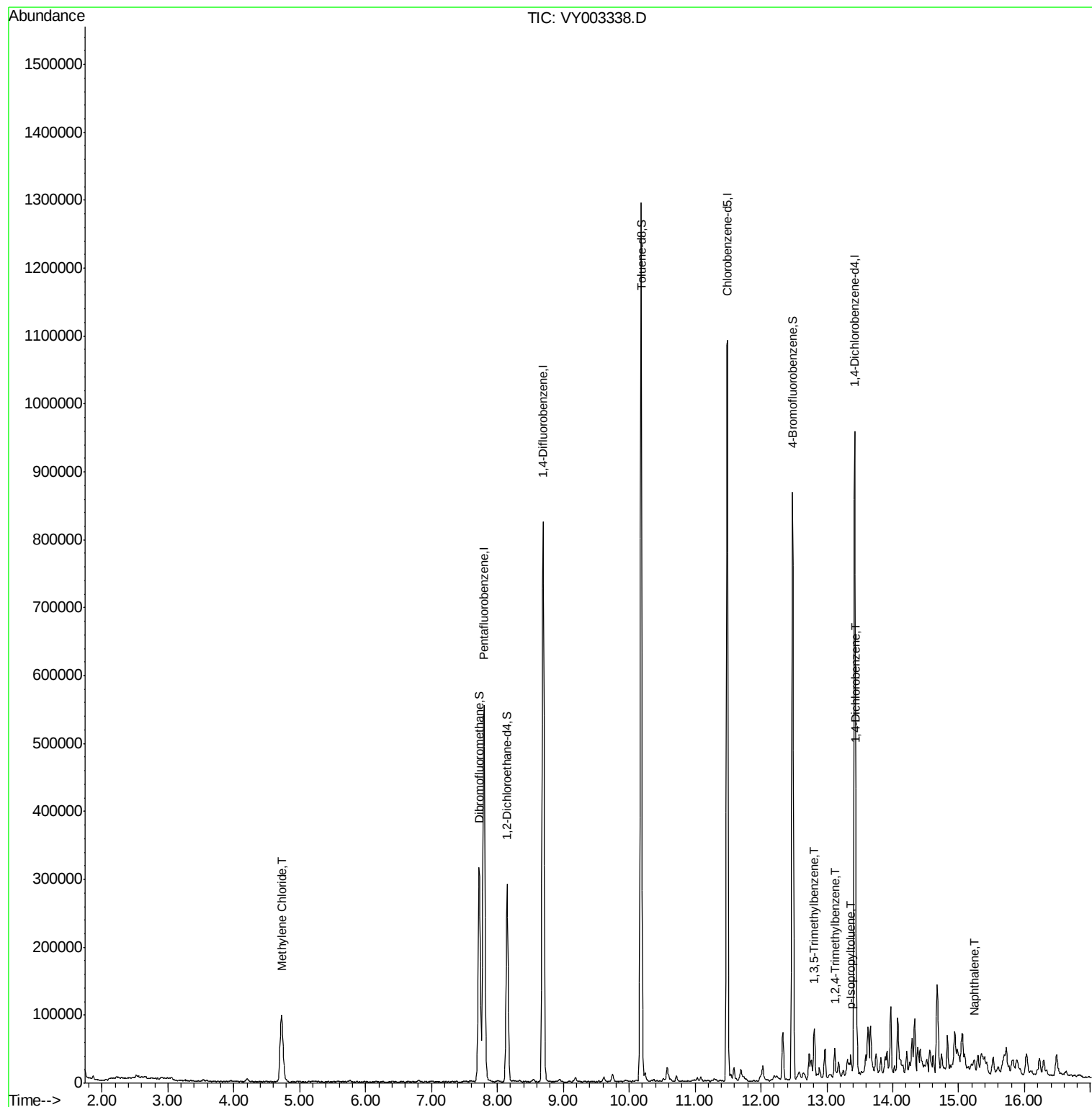
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	459601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	715235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	613887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	247668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	227609	58.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.34%	
35) Dibromofluoromethane	7.72	113	222857	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
50) Toluene-d8	10.18	98	843843	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.28%	
62) 4-Bromofluorobenzene	12.48	95	250436	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
Target Compounds						
20) Methylene Chloride	4.72	84	78629	14.089	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	32052	2.437	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	22030	1.664	ug/l	96
86) p-Isopropyltoluene	13.37	119	16557	1.112	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	8214	1.091	ug/l #	67
95) Naphthalene	15.23	128	10525	1.341	ug/l #	83

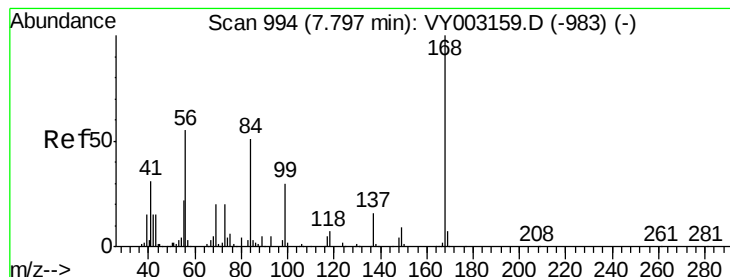
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003338.D

Acq: 24 Jul 2020 17:39

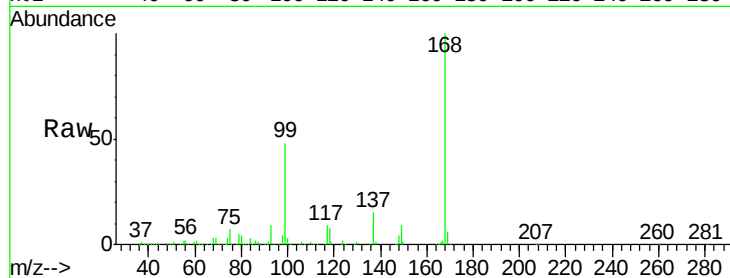
Instrument :
MSVOA_Y
ClientSampled :
6

Tot Ion:168 Resp: 459601

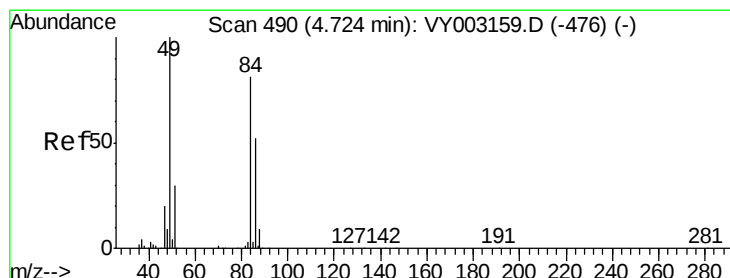
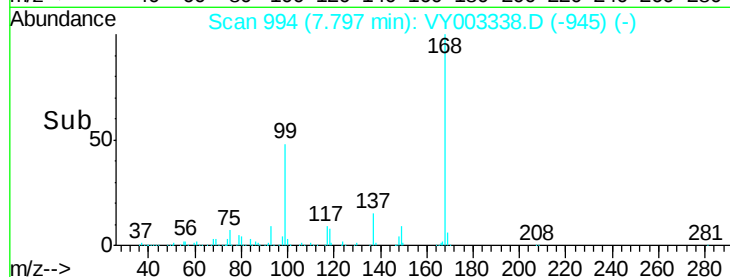
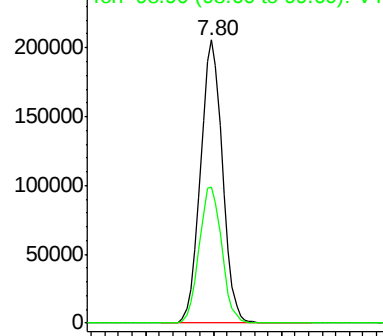
Ion Ratio Lower Upper

168 100

99 48.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003338.D (-945) (-)



#20

Methylene Chloride

Concen: 14.089 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003338.D

Acq: 24 Jul 2020 17:39

Tgt Ion: 84 Resp: 78629

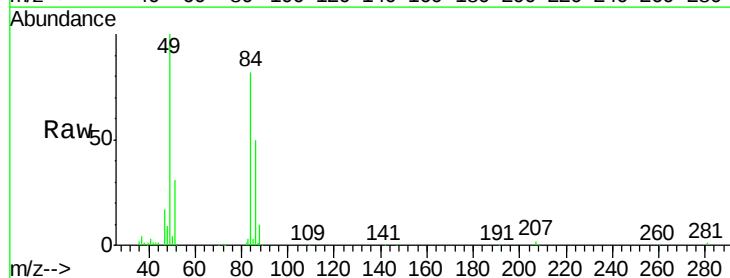
Ion Ratio Lower Upper

84 100

49 122.1 98.2 147.4

51 37.5 29.8 44.6

86 61.5 51.2 76.8

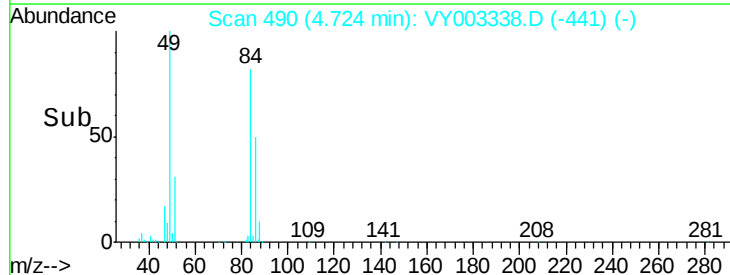
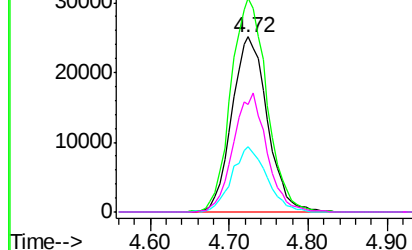


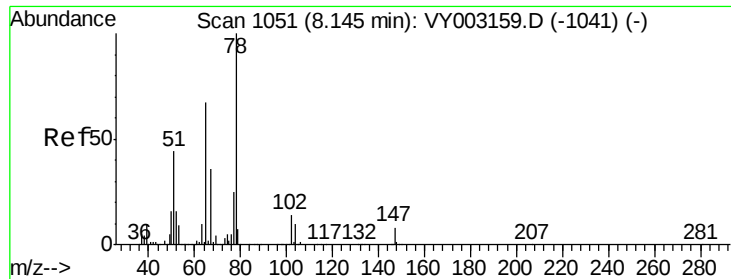
Abundance Ion 83.90 (83.60 to 84.60): VY003338.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003338.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003338.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003338.D (-441) (-)

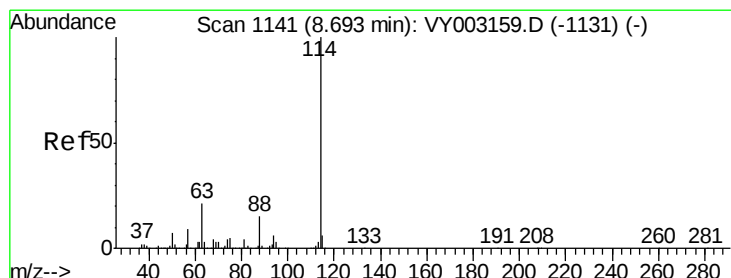
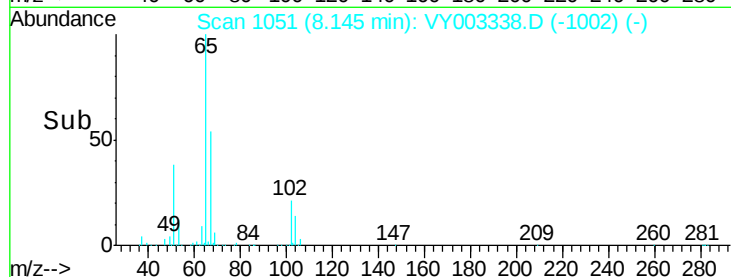
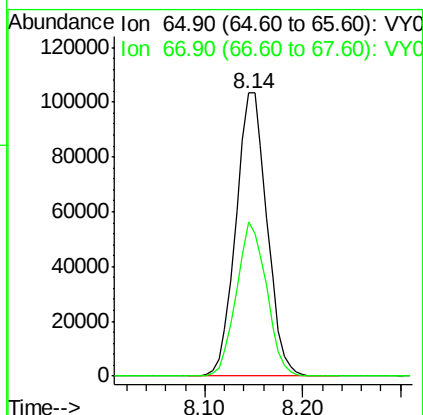
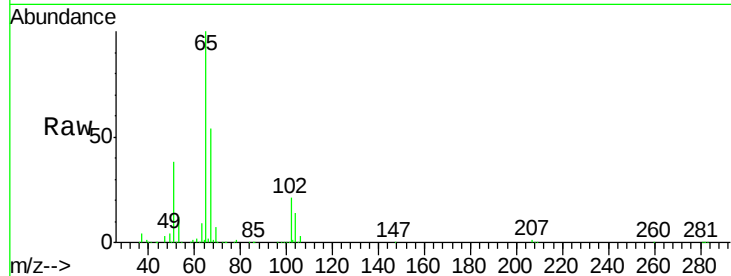




#33
 1,2-Dichloroethane-d4
 Concen: 58.674 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003338.D
 Acq: 24 Jul 2020 17:39

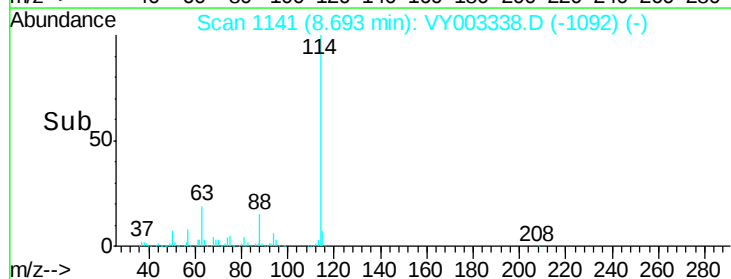
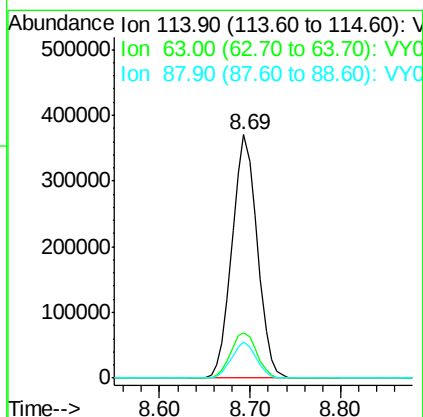
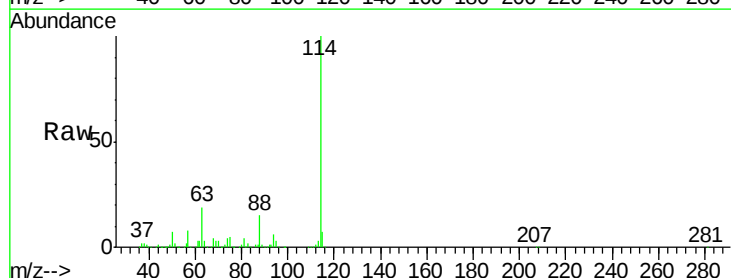
Instrument :
 MSVOA_Y
 ClientSampleId :
 6

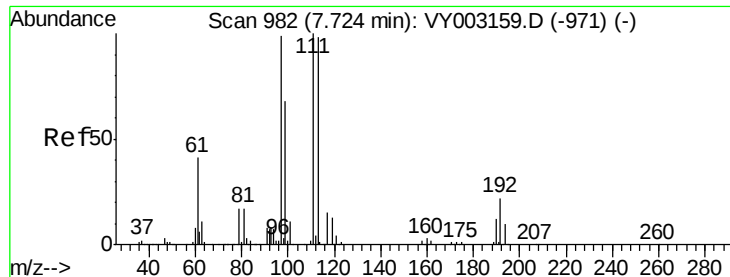
Tot Ion: 65 Resp: 227609
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003338.D
 Acq: 24 Jul 2020 17:39

Tgt Ion: 114 Resp: 715235
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.2
 88 14.8 0.0 30.2

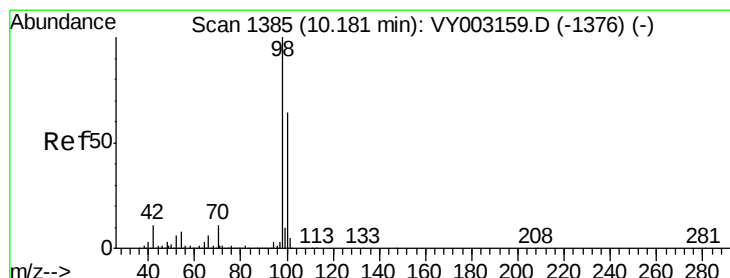
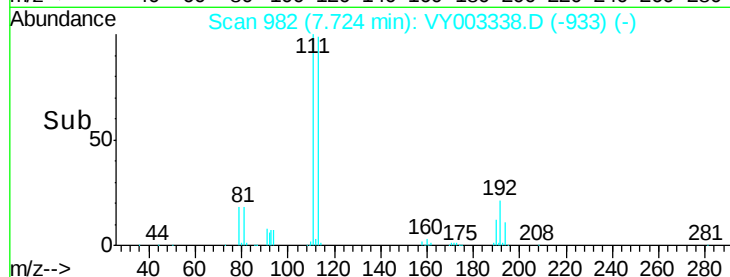
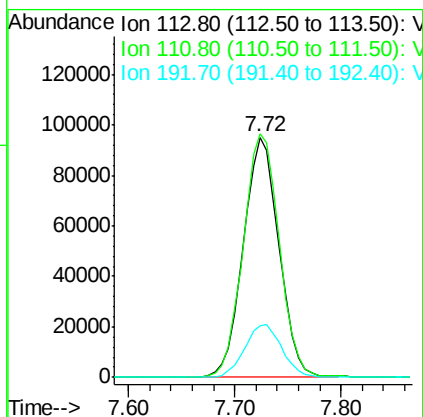
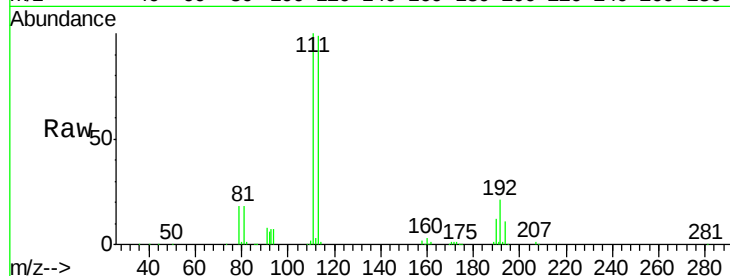




#35
Dibromofluoromethane
Concen: 54.144 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003338.D
Acq: 24 Jul 2020 17:39

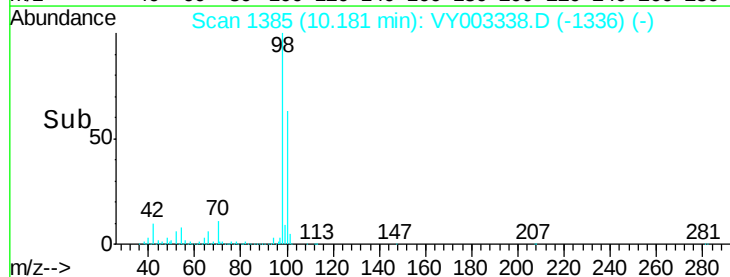
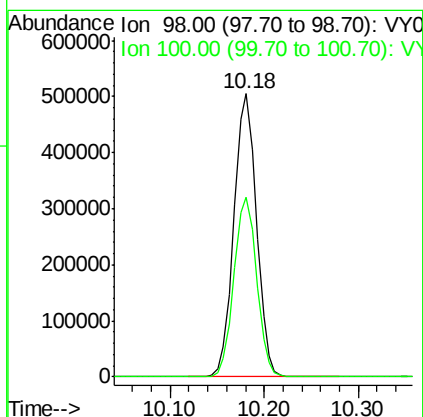
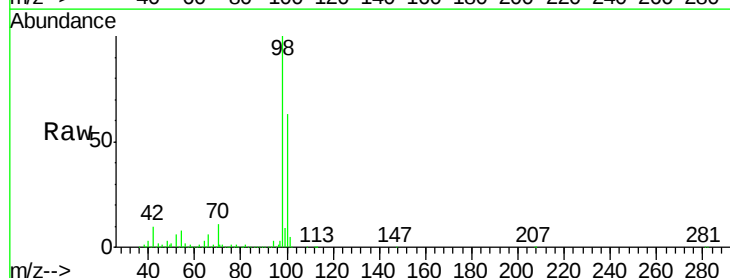
Instrument :
MSVOA_Y
ClientSampleId :
6

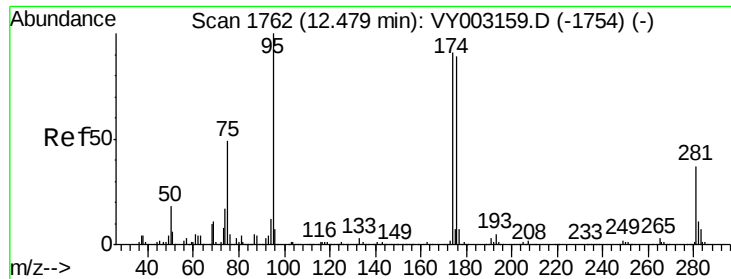
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.1	123.1
192	22.9	18.8	28.2



#50
Toluene-d8
Concen: 55.144 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003338.D
Acq: 24 Jul 2020 17:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.7	76.1

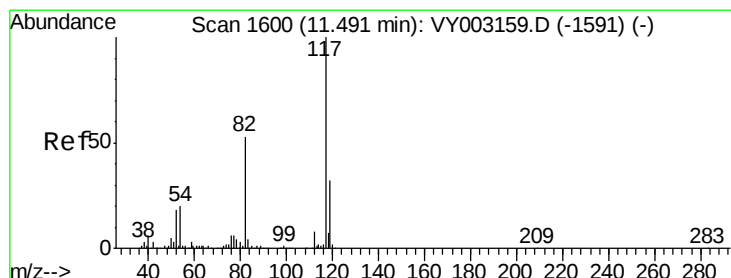
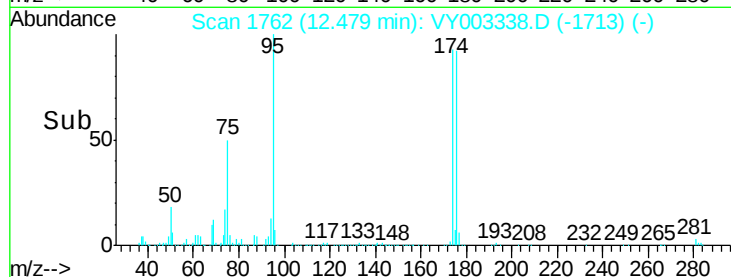
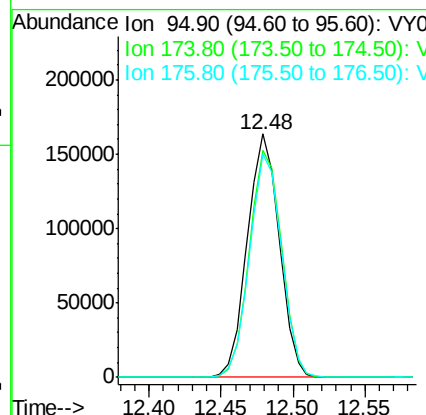
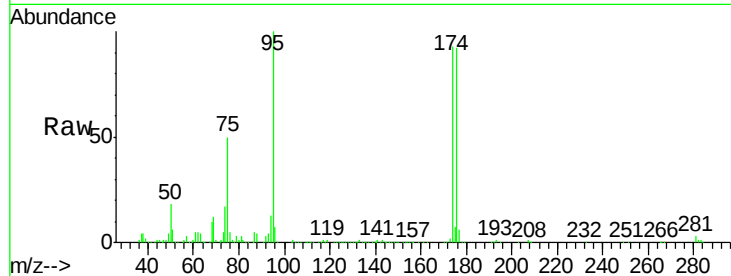




#62
4-Bromofluorobenzene
Concen: 45.301 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003338.D
Acq: 24 Jul 2020 17:39

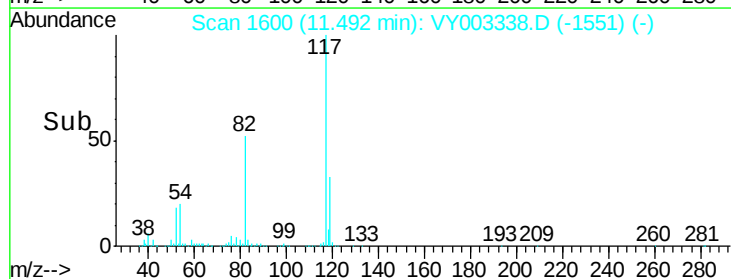
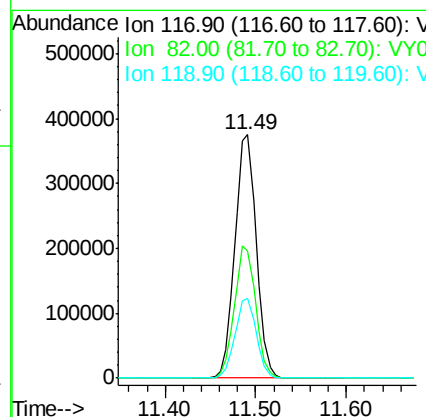
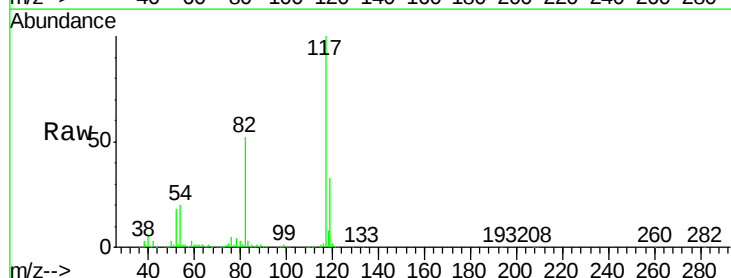
Instrument :
MSVOA_Y
ClientSampleId :
6

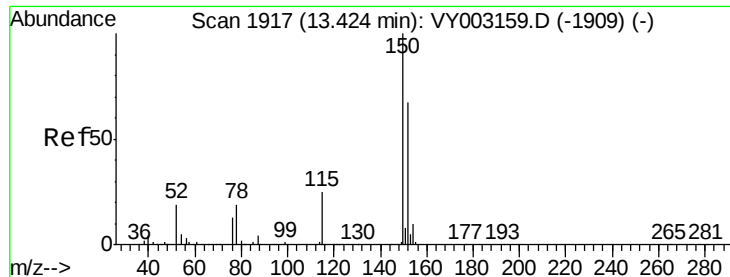
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	190.6
176	91.9	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003338.D
Acq: 24 Jul 2020 17:39

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.0	63.0
119	32.9	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003338.D

Acq: 24 Jul 2020 17:39

Instrument :

MSVOA_Y

ClientSampleId :

6

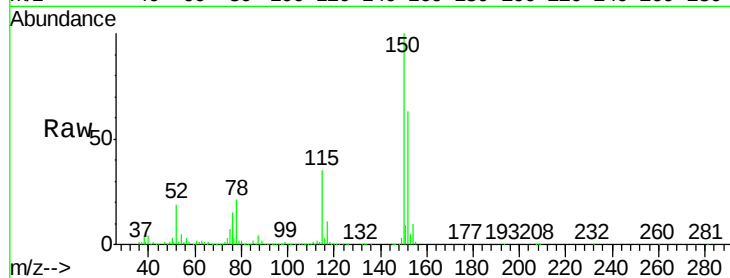
Tot Ion:152 Resp: 247668

Ion Ratio Lower Upper

152 100

115 55.3 26.9 80.7

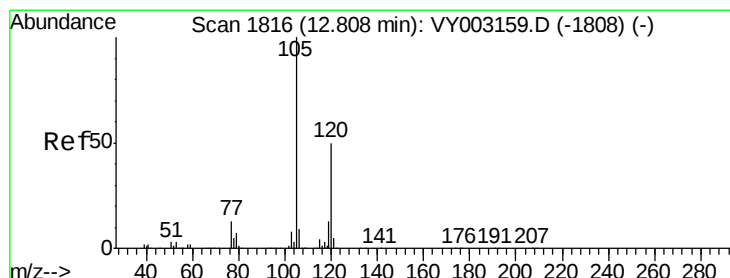
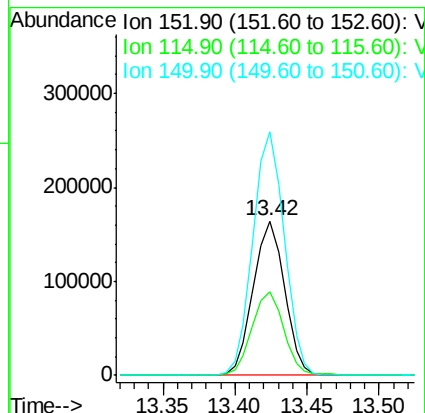
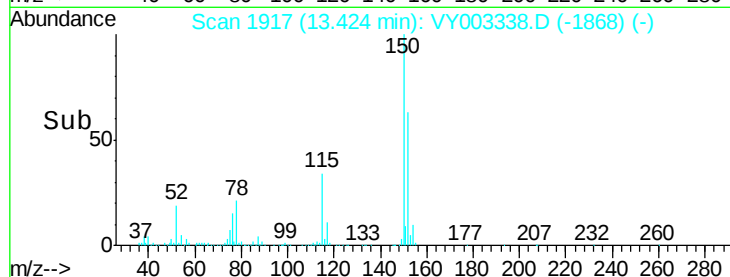
150 158.0 0.0 338.0



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



#80

1,3,5-Trimethylbenzene

Concen: 2.437 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003338.D

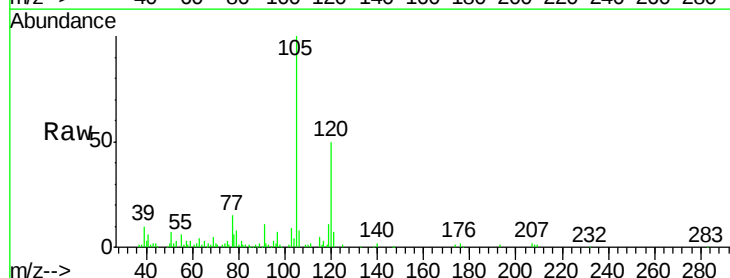
Acq: 24 Jul 2020 17:39

Tgt Ion:105 Resp: 32052

Ion Ratio Lower Upper

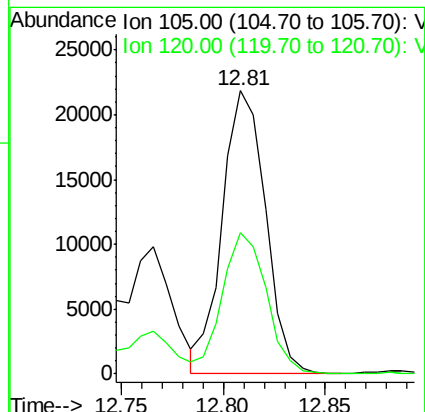
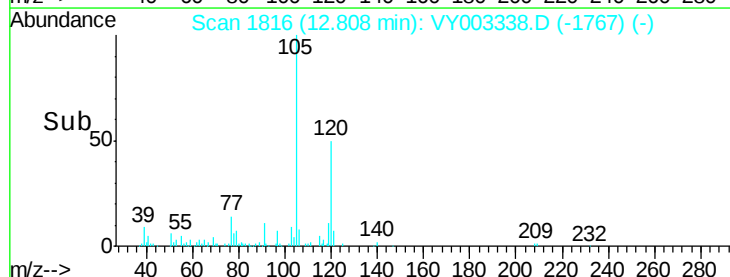
105 100

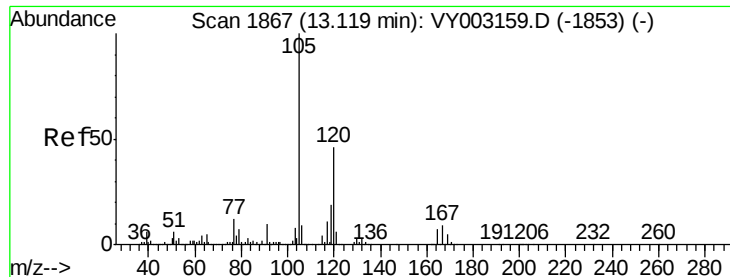
120 50.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

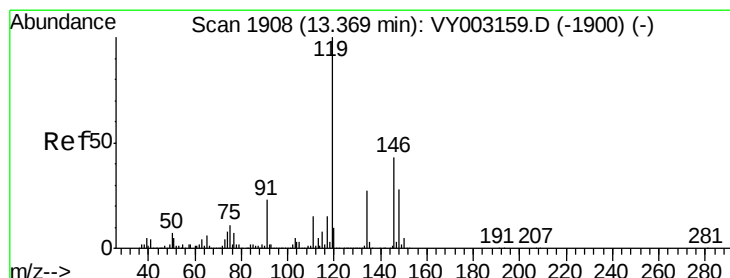
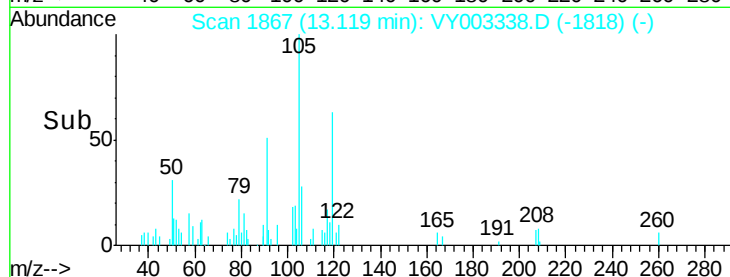
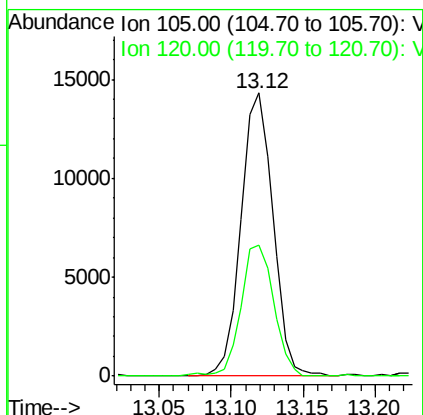
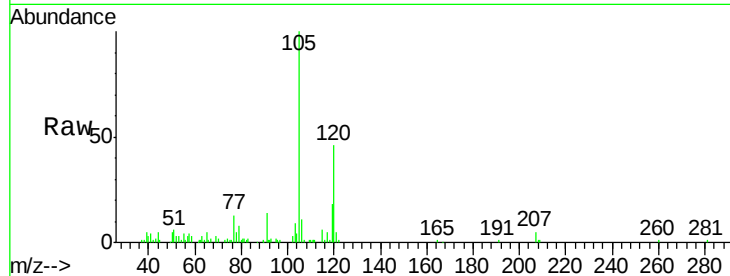




#84
 1,2,4-Trimethylbenzene
 Concen: 1.664 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY003338.D
 Acq: 24 Jul 2020 17:39

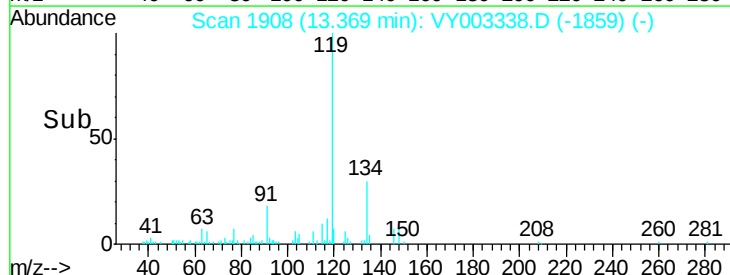
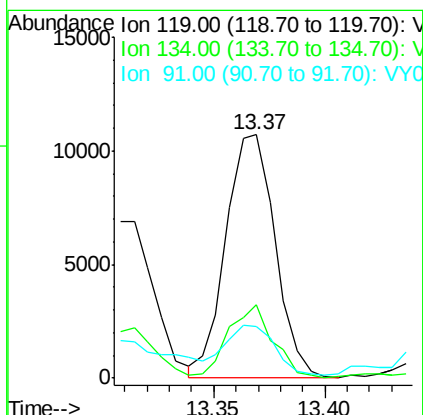
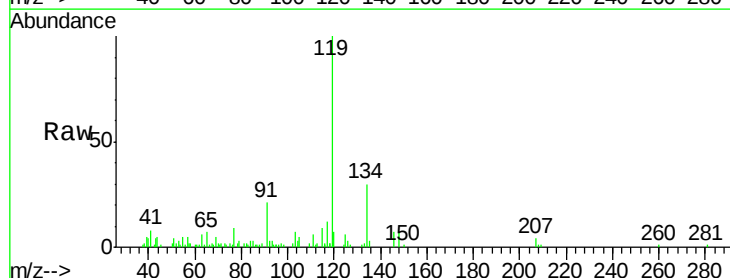
Instrument :
 MSVOA_Y
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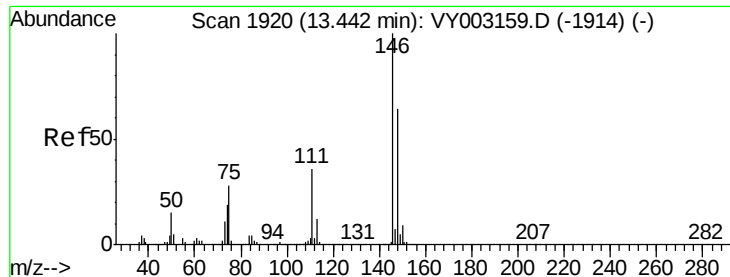
Tot Ion:105 Resp: 22030
 Ion Ratio Lower Upper
 105 100
 120 47.7 22.5 67.5



#86
 p-Isopropyltoluene
 Concen: 1.112 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY003338.D
 Acq: 24 Jul 2020 17:39

Tgt Ion:119 Resp: 16557
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.4 40.2
 91 20.5 11.2 33.6

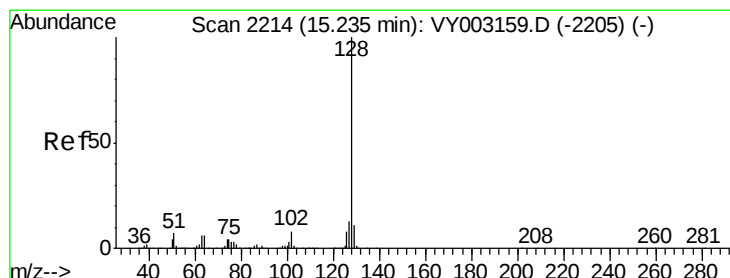
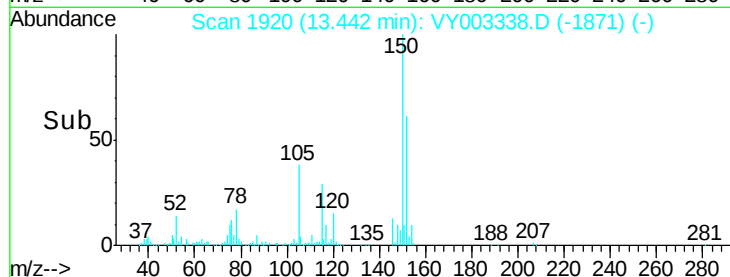
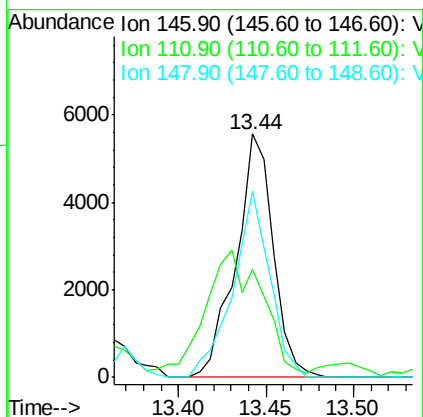
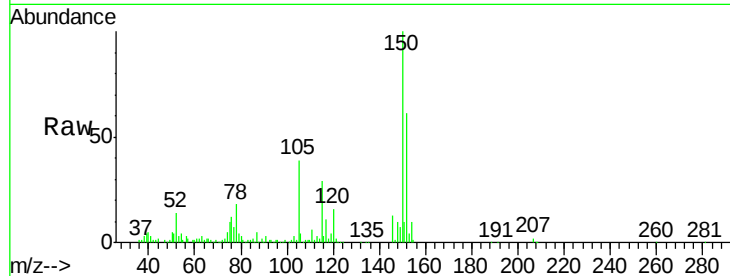




#88
 1,4-Dichlorobenzene
 Concen: 1.091 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003338.D
 Acq: 24 Jul 2020 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tot Ion:146 Resp: 8214
 Ion Ratio Lower Upper
 146 100
 111 74.9 18.4 55.0#
 148 76.2 32.0 96.0



#95
 Naphthalene
 Concen: 1.341 ug/l
 RT: 15.23 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: VY003338.D
 Acq: 24 Jul 2020 17:39

Tgt Ion:128 Resp: 10525
 Ion Ratio Lower Upper
 128 100
 127 20.5 10.9 16.3#
 129 4.7 9.0 13.6#

