

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
 Data File : VY002027.D
 Acq On : 19 Mar 2020 17:47
 Operator : SY/MD
 Sample : L1762-18
 Misc : 9.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-031920

Quant Time: Mar 20 04:59:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

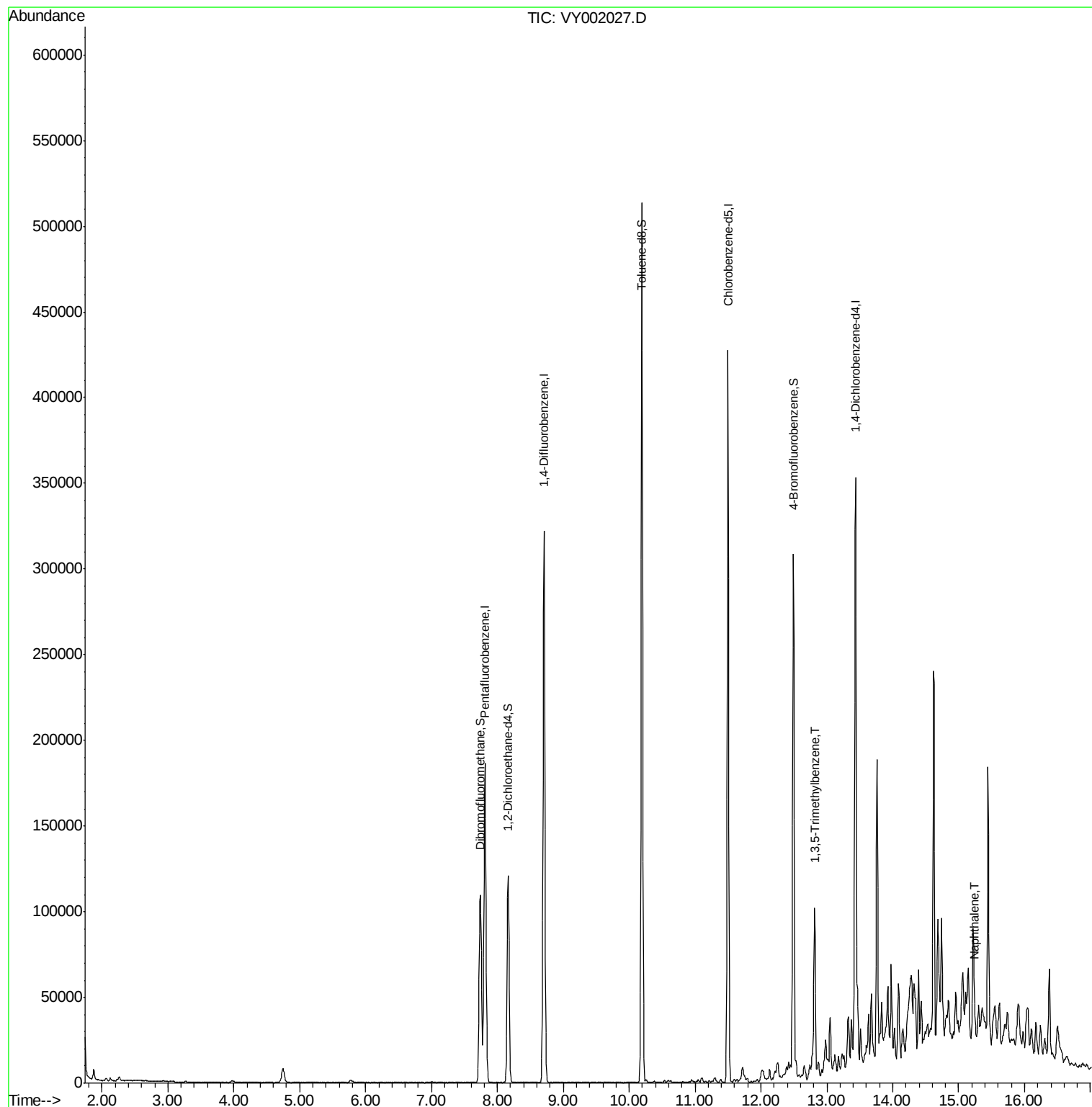
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	140990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	274194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	229427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	79541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	89583	59.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.04%	
35) Dibromofluoromethane	7.74	113	79537	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
50) Toluene-d8	10.19	98	322340	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.49	95	96212	43.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.66%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.82	105	11339	2.268	ug/l	99
95) Naphthalene	15.25	128	5014	1.423	ug/l #	74

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002027.D

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ClientSampleId :

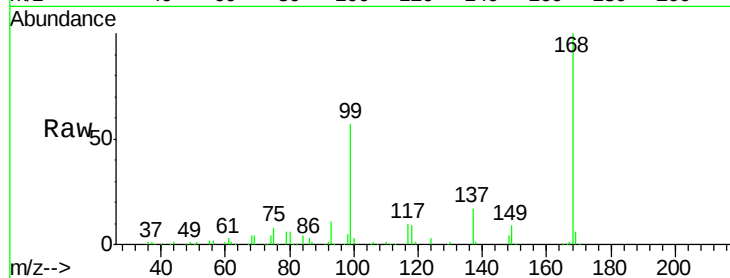
TR-05-031920

Tot Ion:168 Resp: 140990

Ion Ratio Lower Upper

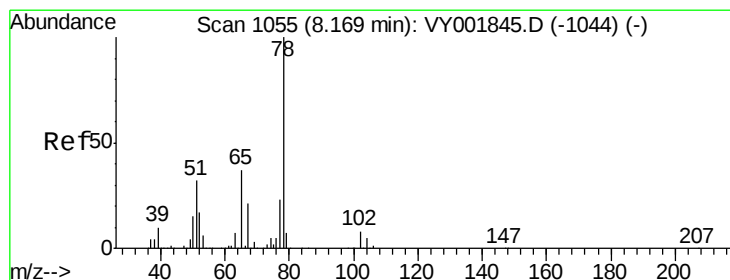
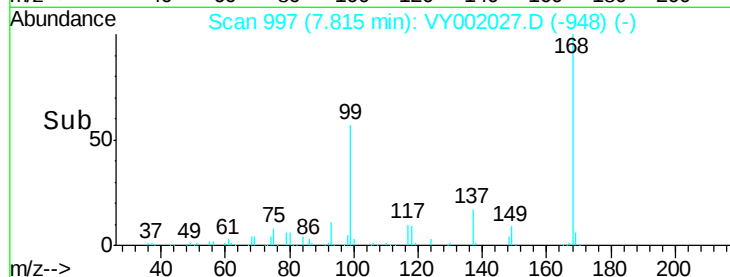
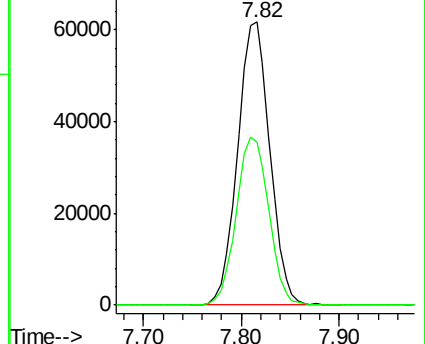
168 100

99 57.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY002027.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY002027.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.517 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002027.D

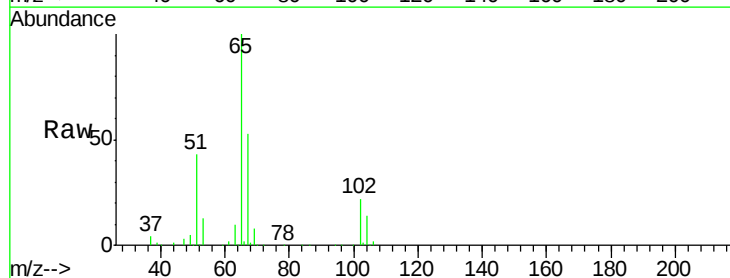
Acq: 19 Mar 2020 17:47

Tgt Ion: 65 Resp: 89583

Ion Ratio Lower Upper

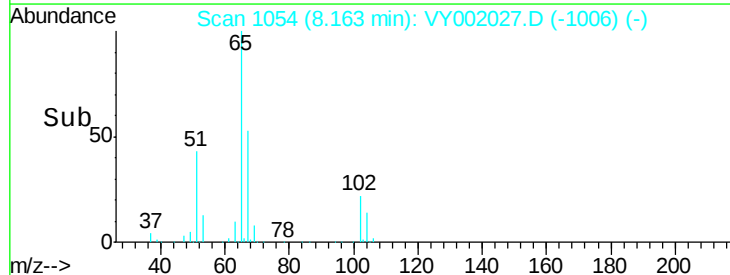
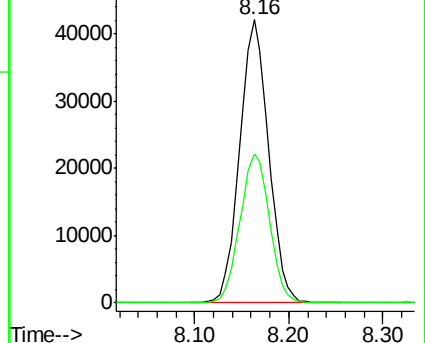
65 100

67 54.0 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY002027.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY002027.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002027.D

Acq: 19 Mar 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-031920

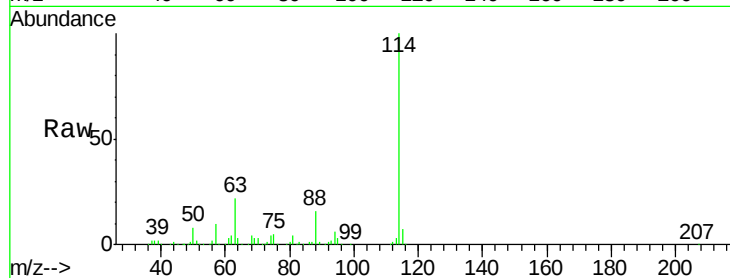
Tot Ion:114 Resp: 274194

Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.4

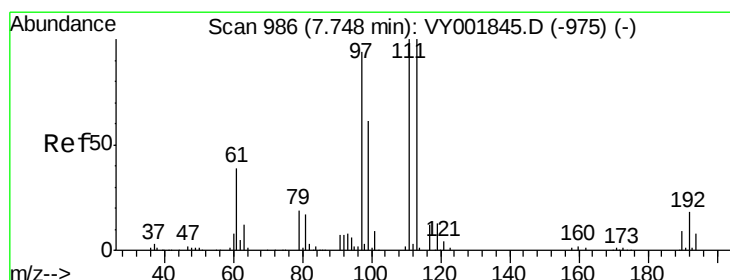
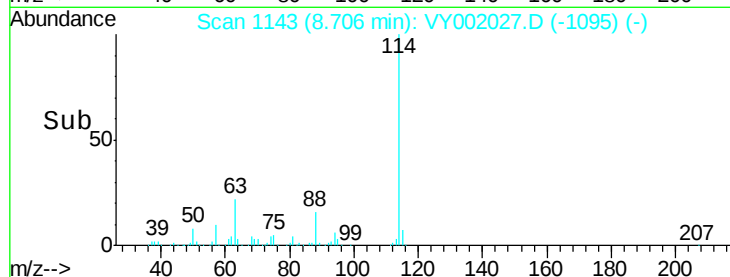
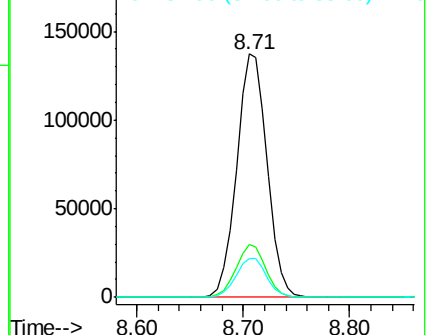
88 15.8 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 53.123 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002027.D

Acq: 19 Mar 2020 17:47

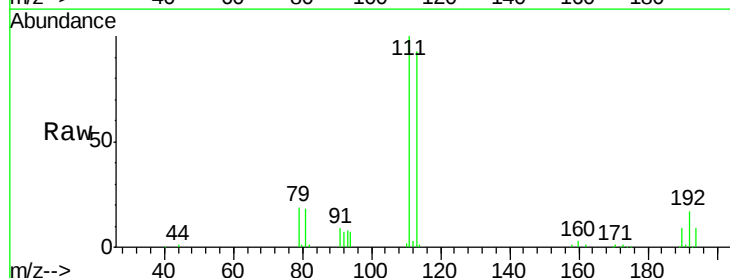
Tgt Ion:113 Resp: 79537

Ion Ratio Lower Upper

113 100

111 104.7 81.8 122.8

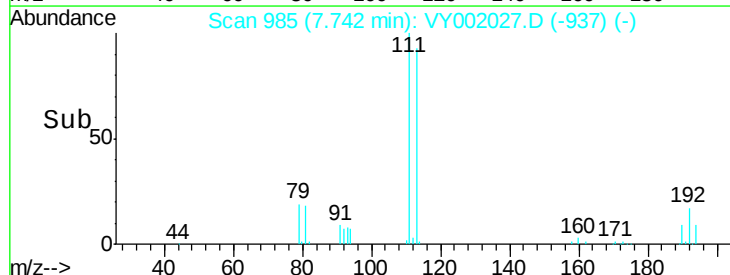
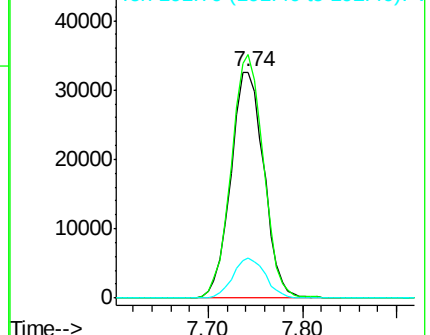
192 17.4 14.2 21.2

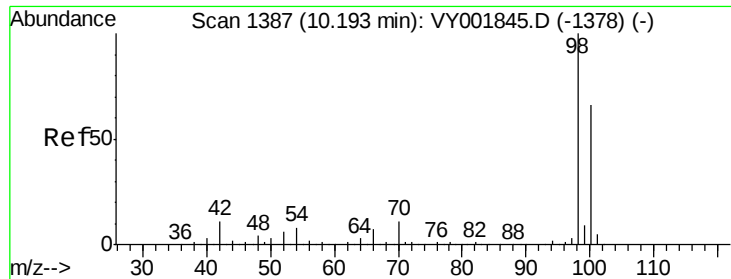


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.055 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY002027.D

Acq: 19 Mar 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

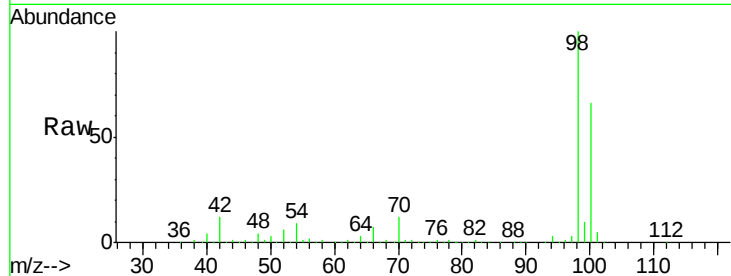
TR-05-031920

Tot Ion: 98 Resp: 322340

Ion Ratio Lower Upper

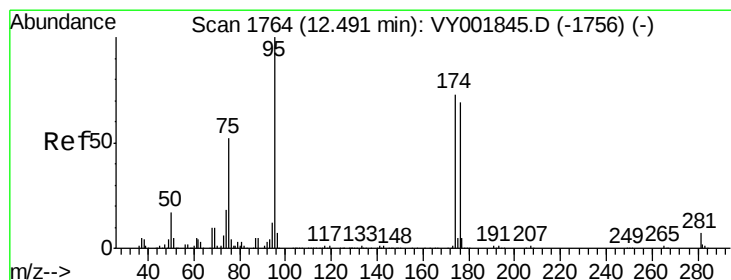
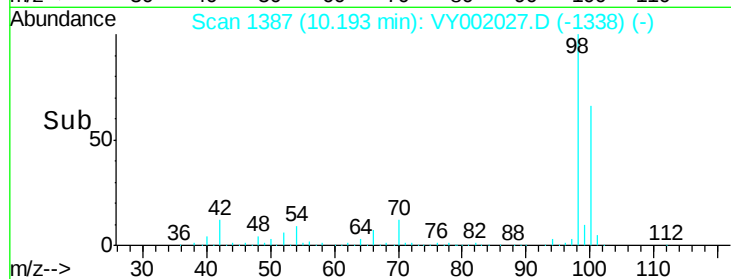
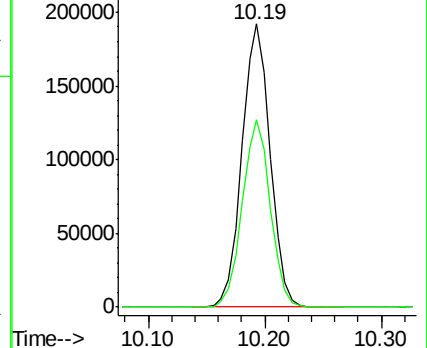
98 100

100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 43.826 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002027.D

Acq: 19 Mar 2020 17:47

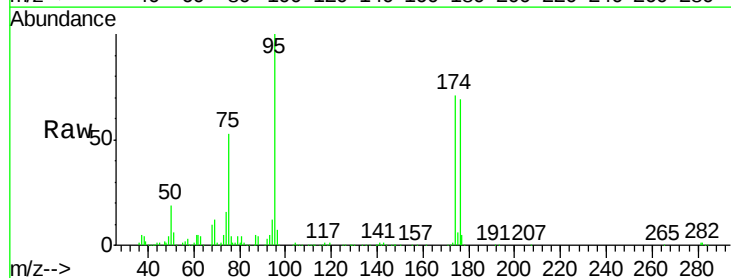
Tgt Ion: 95 Resp: 96212

Ion Ratio Lower Upper

95 100

174 72.8 0.0 145.0

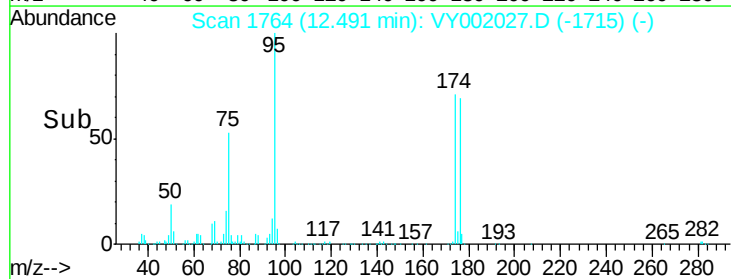
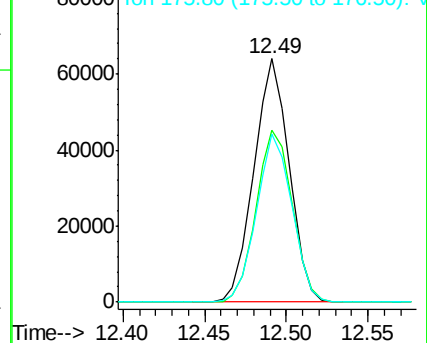
176 69.6 0.0 137.4

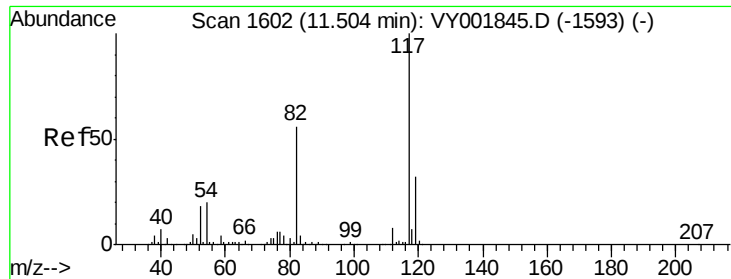


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

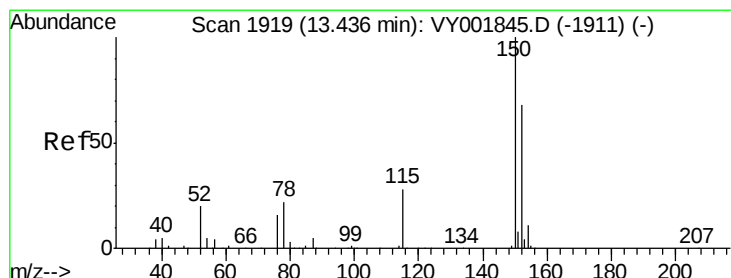
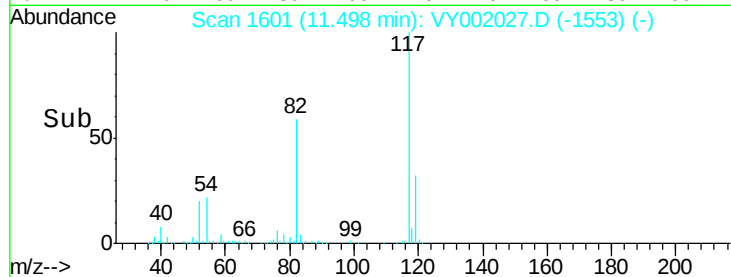
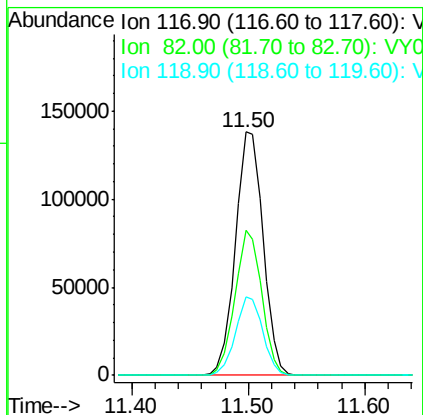
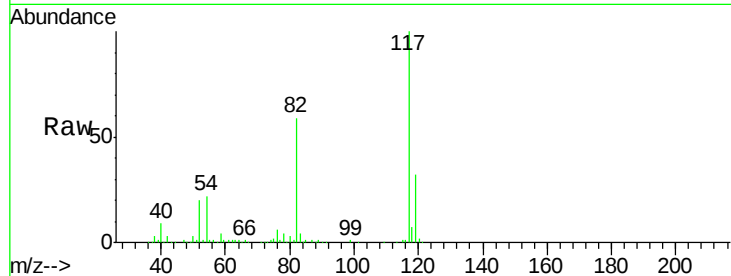




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002027.D
Acq: 19 Mar 2020 17:47

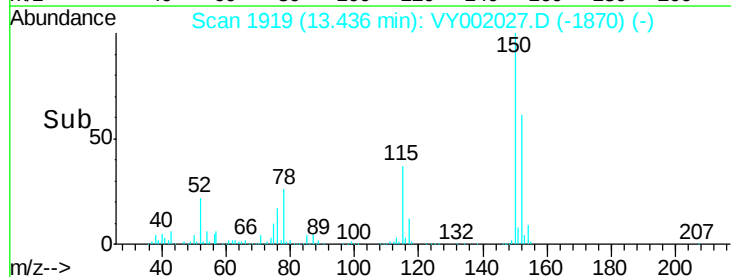
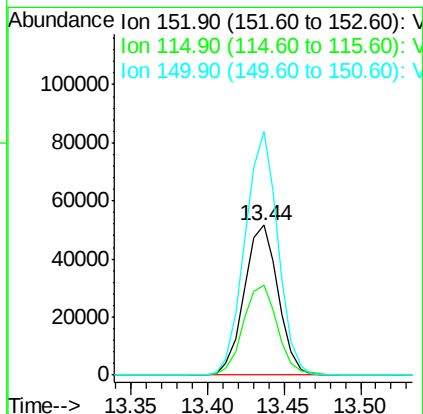
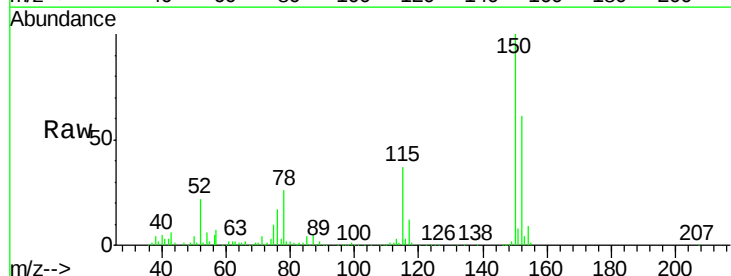
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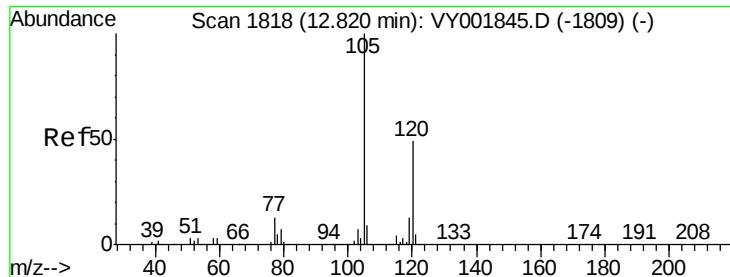
Tot Ion:117 Resp: 229427
Ion Ratio Lower Upper
117 100
82 59.3 44.5 66.7
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002027.D
Acq: 19 Mar 2020 17:47

Tgt Ion:152 Resp: 79541
Ion Ratio Lower Upper
152 100
115 61.0 29.9 89.7
150 157.8 0.0 340.6

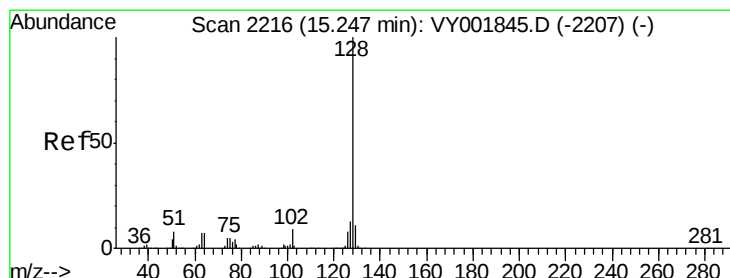
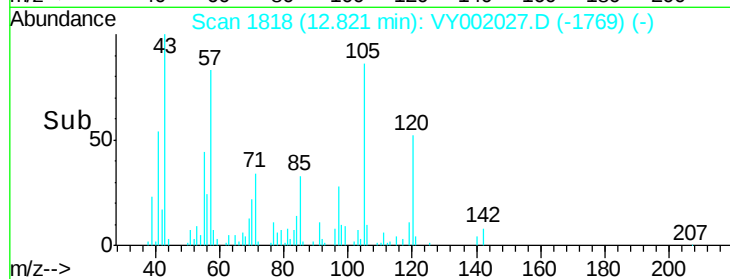
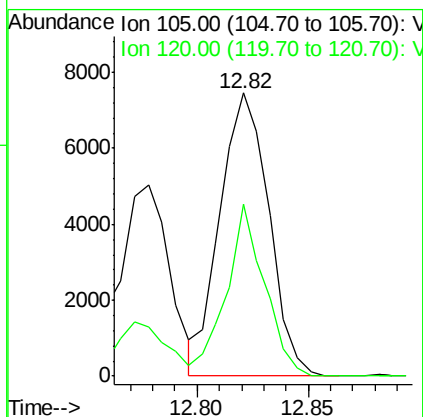
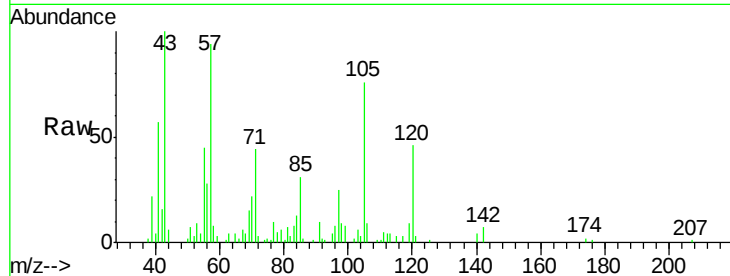




#80
 1,3,5-Trimethylbenzene
 Concen: 2.268 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002027.D
 Acq: 19 Mar 2020 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-031920

Tot Ion:105 Resp: 11339
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.4 73.2



#95
 Naphthalene
 Concen: 1.423 ug/l
 RT: 15.25 min Scan# 2216
 Delta R.T. 0.00 min
 Lab File: VY002027.D
 Acq: 19 Mar 2020 17:47

Tgt Ion:128 Resp: 5014
 Ion Ratio Lower Upper
 128 100
 127 27.4 10.1 15.1#
 129 15.2 8.6 13.0#

