

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
 Data File : VY002028.D
 Acq On : 19 Mar 2020 18:09
 Operator : SY/MD
 Sample : L1755-05
 Misc : 7.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-031920

Quant Time: Mar 20 05:03:07 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	7.81	168	138932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	272640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	252389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	109448	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	90825	61.24	ug/l	0.00
Spiked Amount			Recovery	=	122.48%	
35) Dibromofluoromethane	7.74	113	81133	54.50	ug/l	0.00
Spiked Amount			Recovery	=	109.00%	
50) Toluene-d8	10.19	98	332770	53.01	ug/l	0.00
Spiked Amount			Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.49	95	117757	53.95	ug/l	0.00
Spiked Amount			Recovery	=	107.90%	

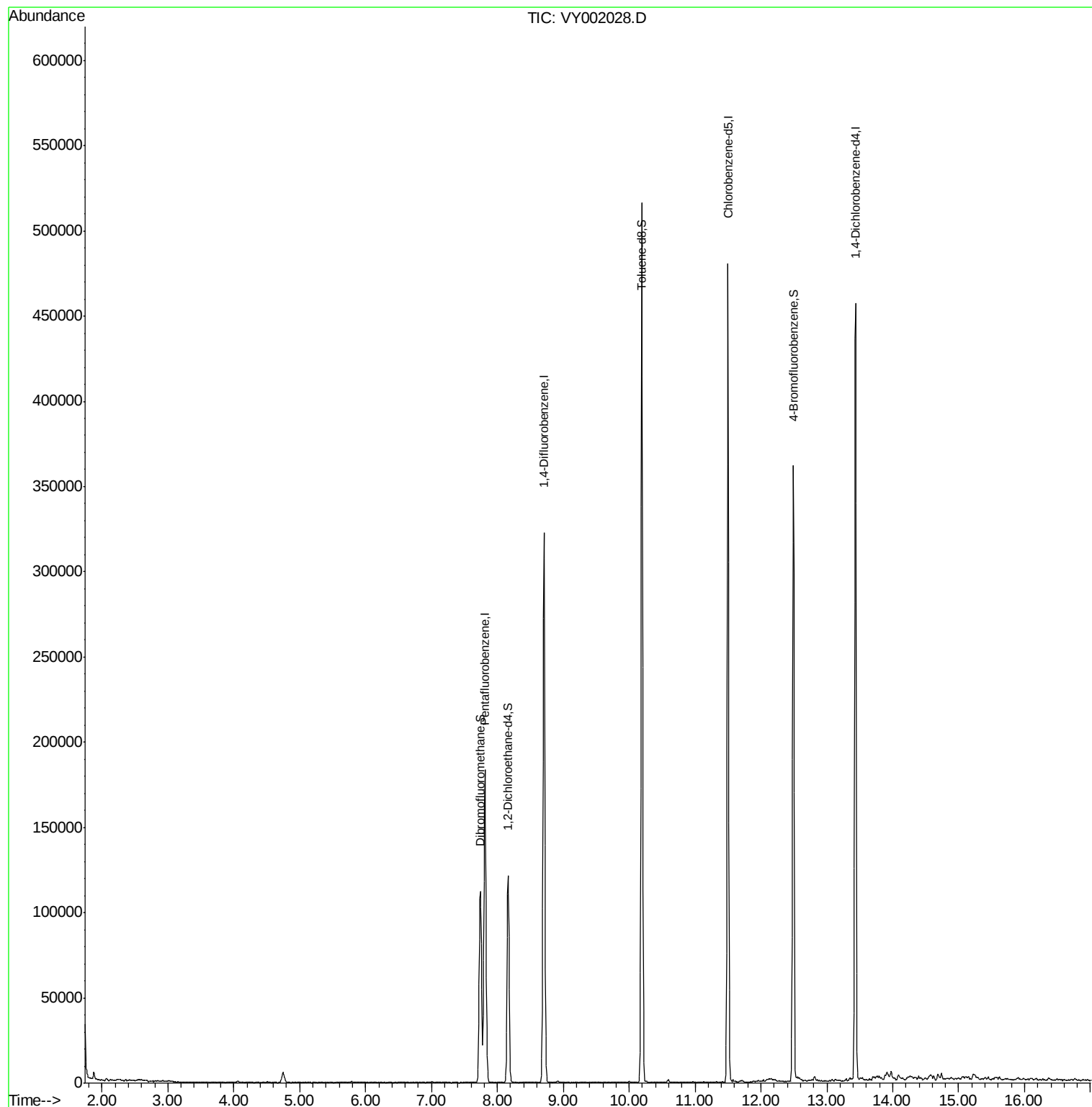
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002028.D

Acq: 19 Mar 2020 18:09

Instrument :

MSVOA_Y

ClientSampleId :

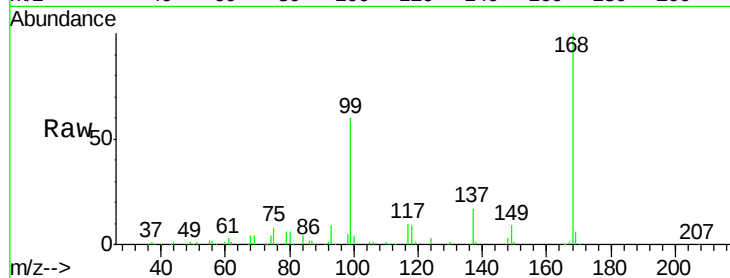
OK-01-031920

Tot Ion:168 Resp: 138932

Ion Ratio Lower Upper

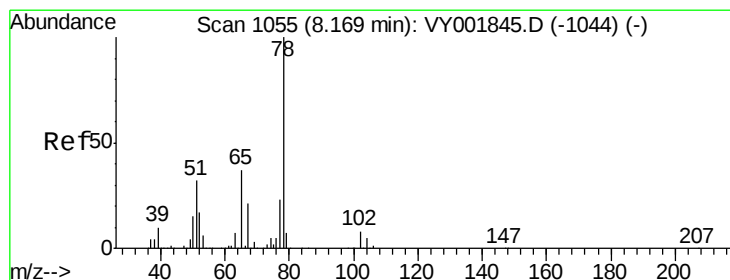
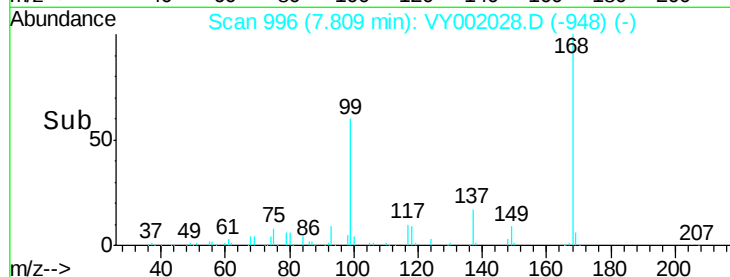
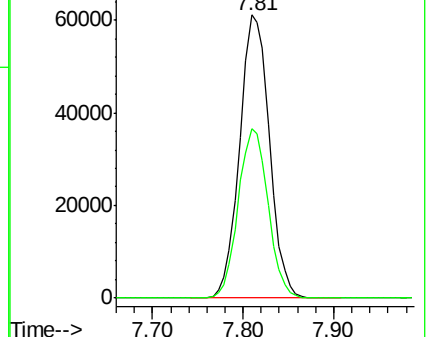
168 100

99 60.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 61.236 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002028.D

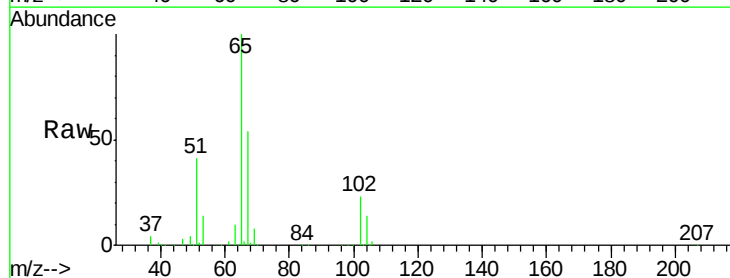
Acq: 19 Mar 2020 18:09

Tgt Ion: 65 Resp: 90825

Ion Ratio Lower Upper

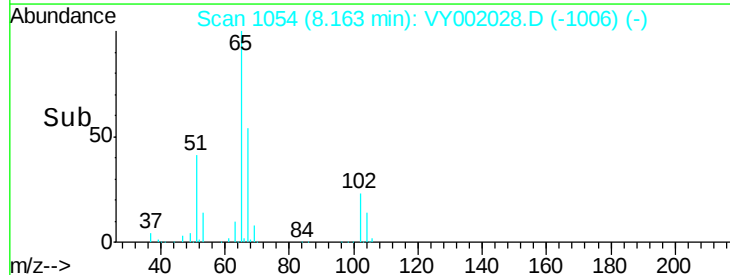
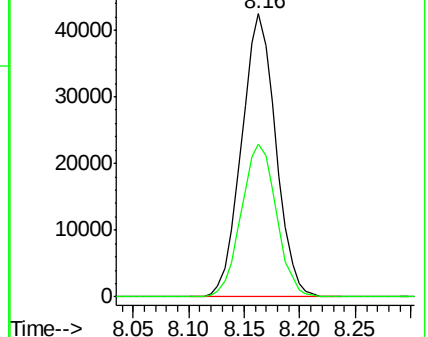
65 100

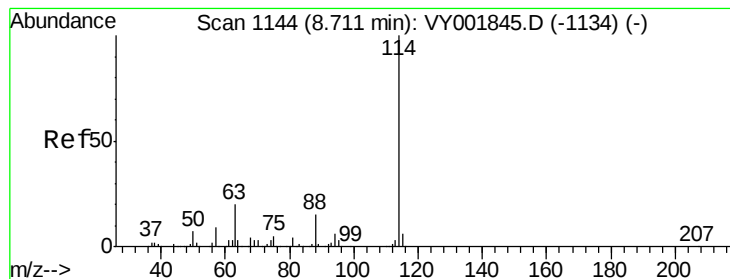
67 55.2 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002028.D

Acq: 19 Mar 2020 18:09

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-031920

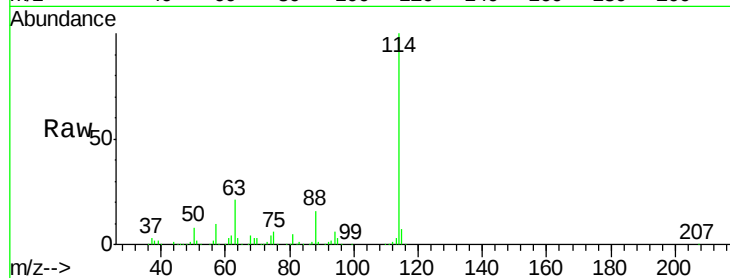
Tot Ion:114 Resp: 272640

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.4

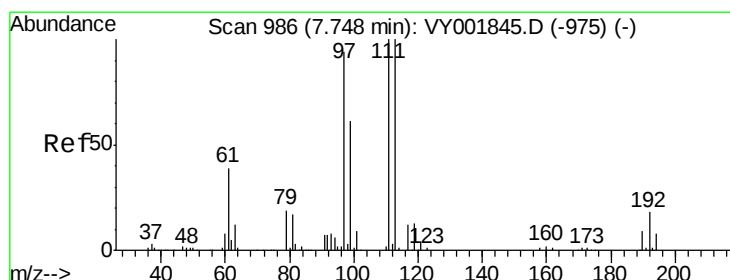
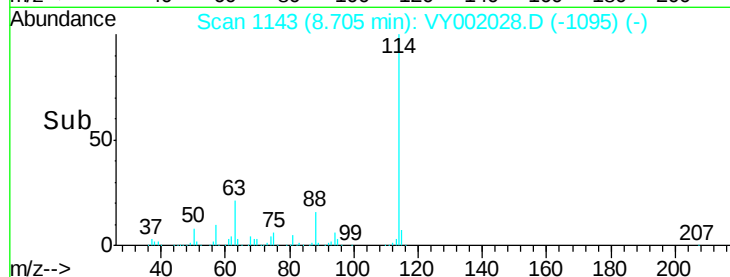
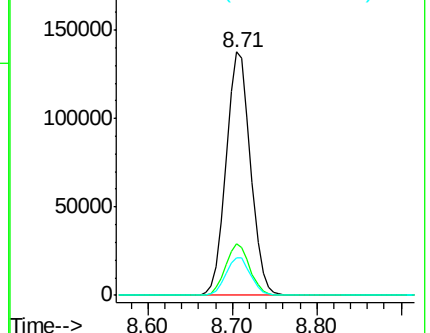
88 15.6 0.0 30.4



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: 54.498 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002028.D

Acq: 19 Mar 2020 18:09

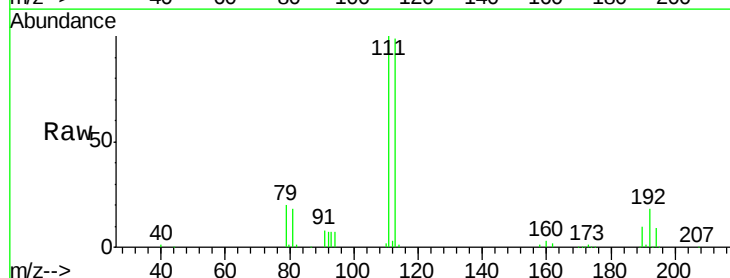
Tgt Ion:113 Resp: 81133

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

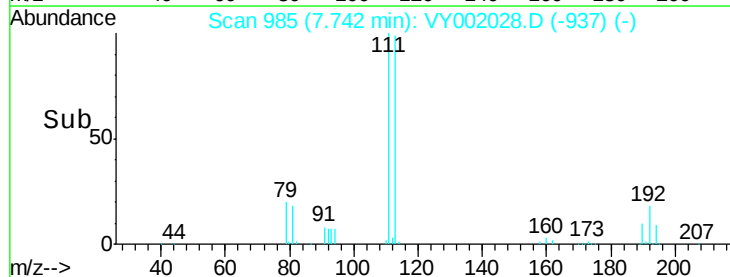
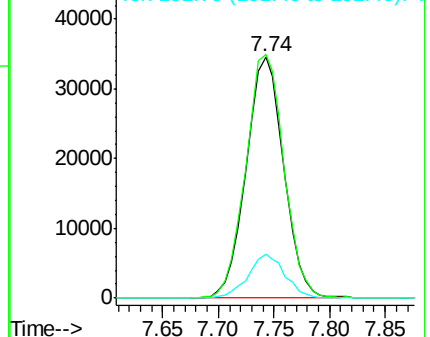
192 17.7 14.2 21.2

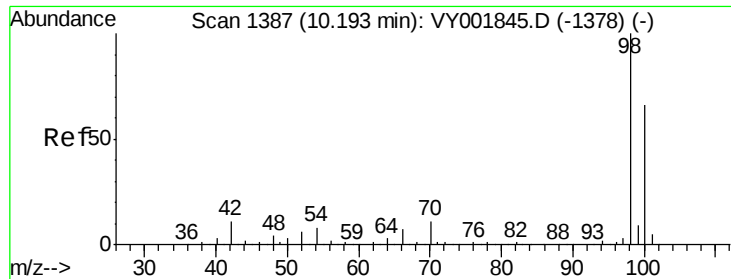


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.008 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY002028.D

Acq: 19 Mar 2020 18:09

Instrument :

MSVOA_Y

ClientSampleId :

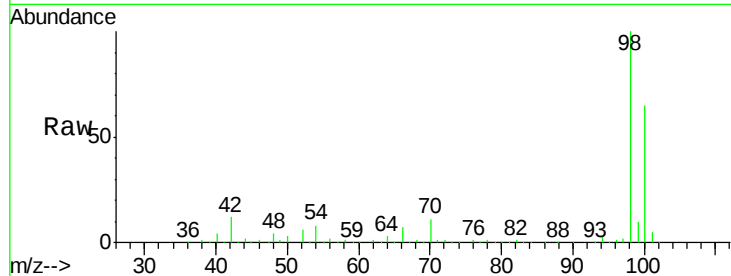
OK-01-031920

Tot Ion: 98 Resp: 332770

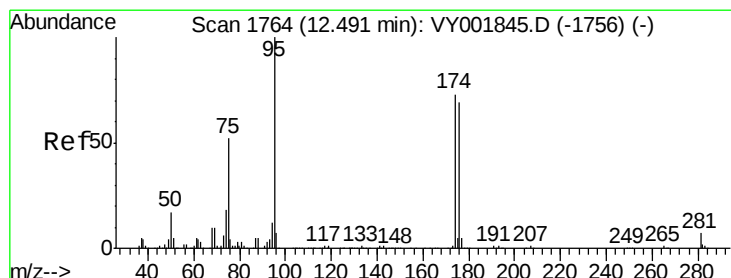
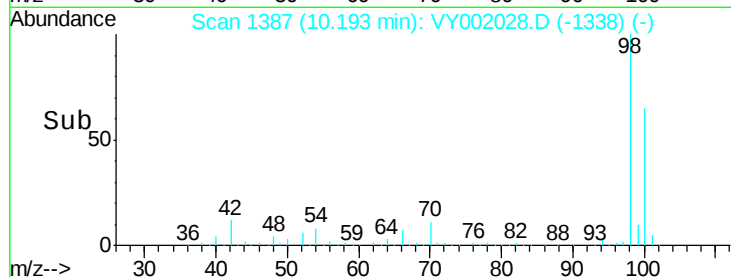
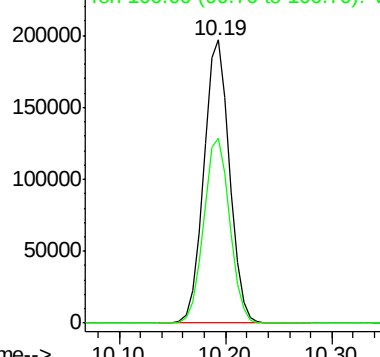
Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)



#62

4-Bromofluorobenzene

Concen: 53.946 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002028.D

Acq: 19 Mar 2020 18:09

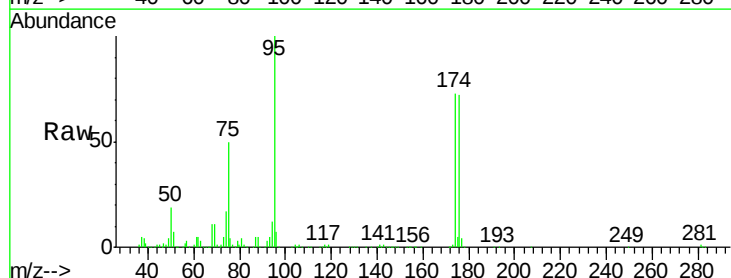
Tgt Ion: 95 Resp: 117757

Ion Ratio Lower Upper

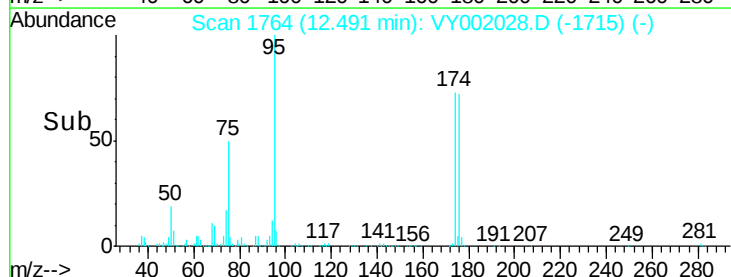
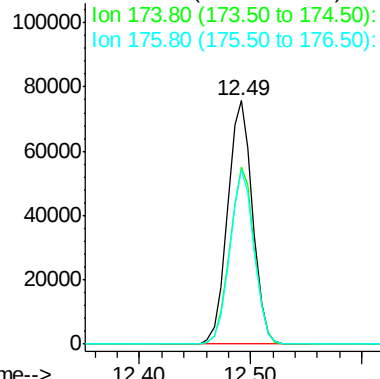
95 100

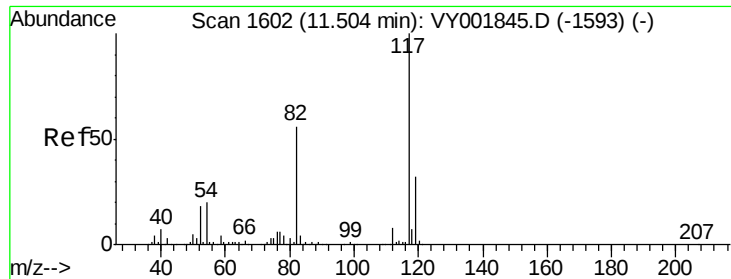
174 71.8 0.0 145.0

176 69.6 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

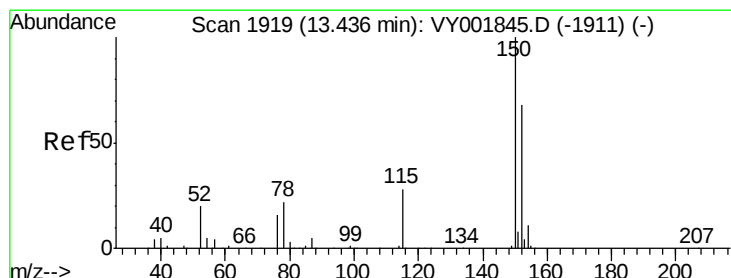
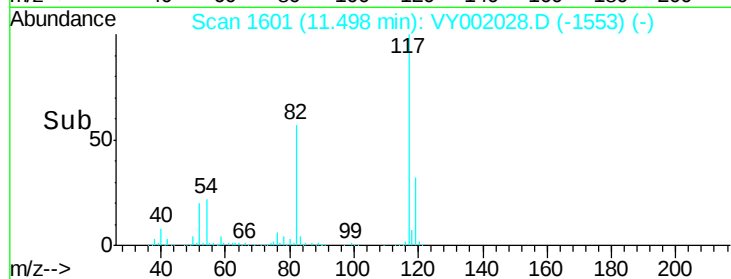
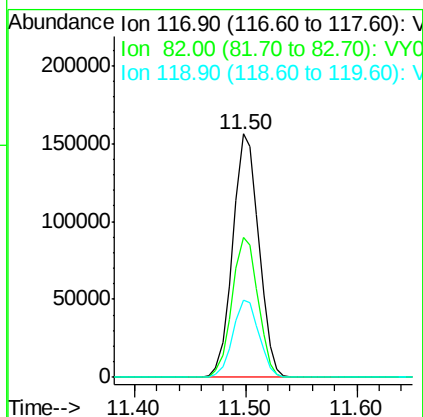
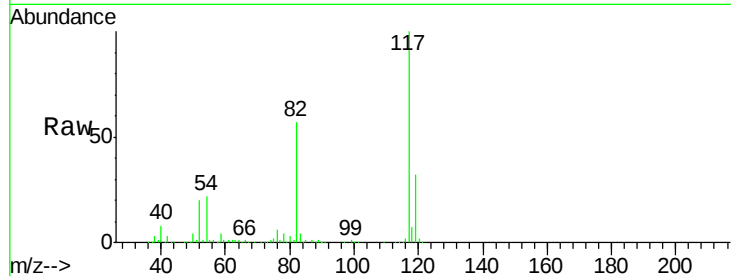




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002028.D
Acq: 19 Mar 2020 18:09

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-031920

Tot Ion:117 Resp: 252389
Ion Ratio Lower Upper
117 100
82 57.5 44.5 66.7
119 31.9 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: VY002028.D
Acq: 19 Mar 2020 18:09

Tgt Ion:152 Resp: 109448
Ion Ratio Lower Upper
152 100
115 60.9 29.9 89.7
150 160.2 0.0 340.6

