

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
 Data File : VY002056.D
 Acq On : 24 Mar 2020 17:18
 Operator : SY/MD
 Sample : L1757-07
 Misc : 6.14G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-032420

Quant Time: Mar 24 19:05:06 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

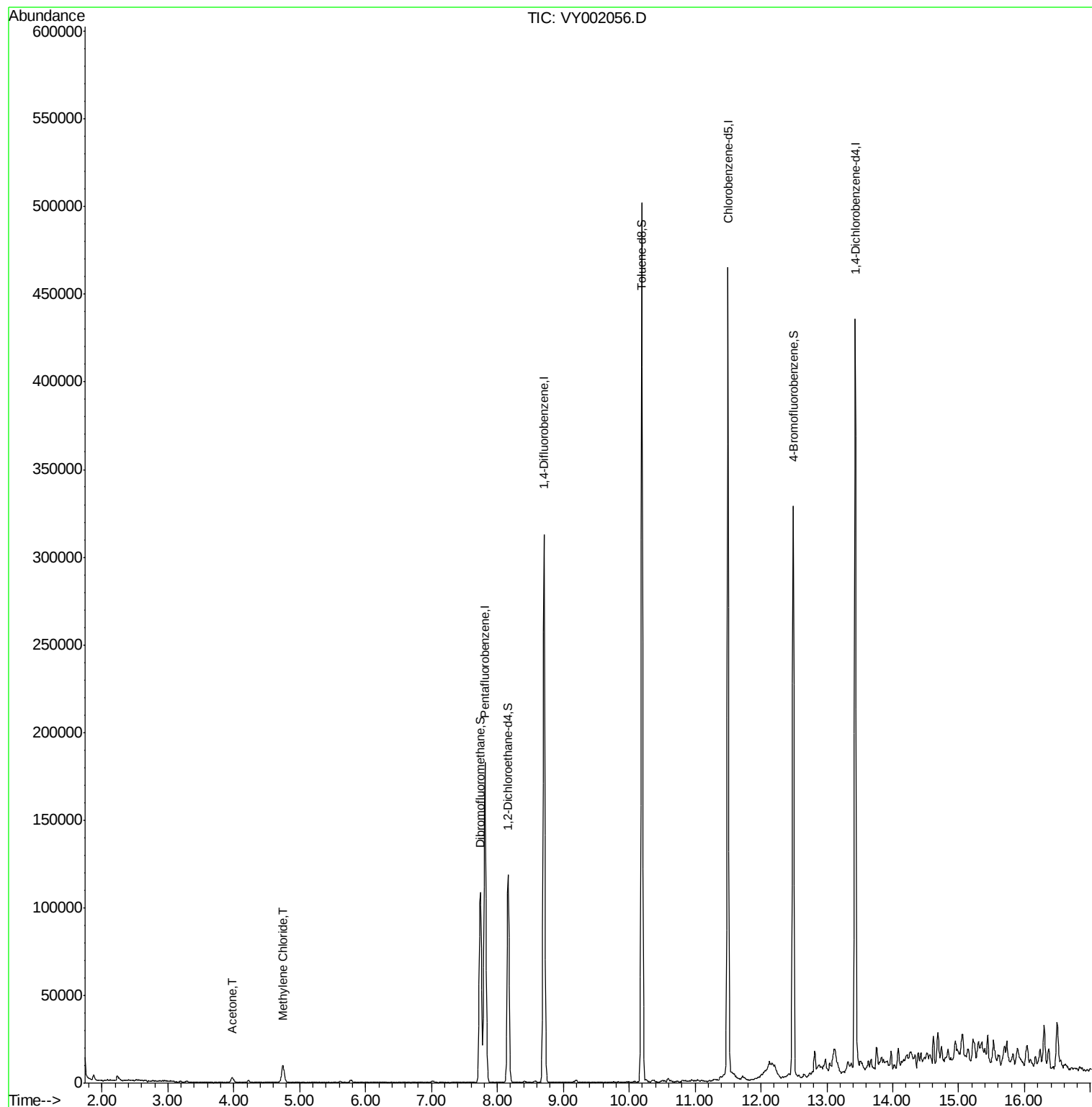
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	137055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	262327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	238613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	100163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	87284	59.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.30%	
35) Dibromofluoromethane	7.74	113	78448	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
50) Toluene-d8	10.19	98	319642	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.49	95	107514	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
Target Compounds						
16) Acetone	3.97	43	5683	13.335	ug/l #	78
20) Methylene Chloride	4.74	84	7438	4.072	ug/l	98

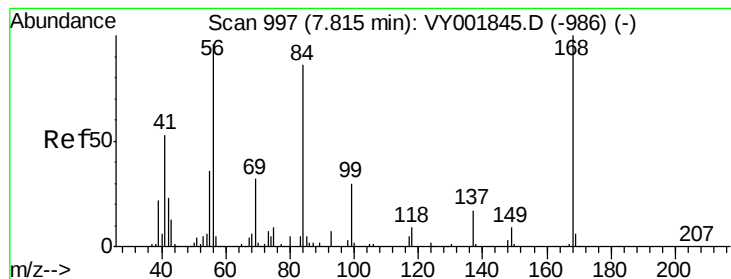
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002056.D

Acq: 24 Mar 2020 17:18

Instrument :

MSVOA_Y

ClientSampleId :

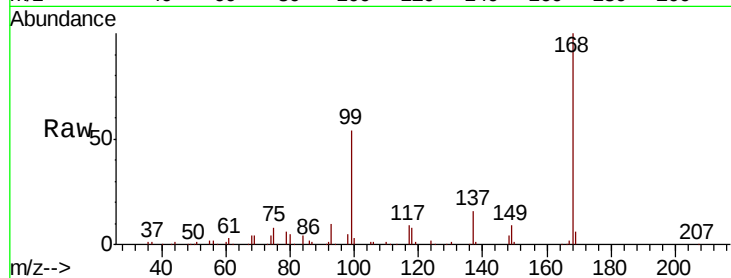
EO-01-032420

Tot Ion:168 Resp: 137055

Ion Ratio Lower Upper

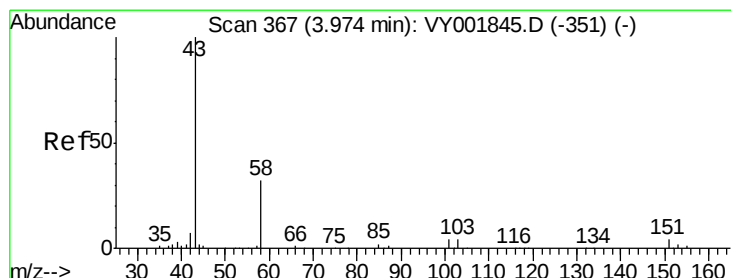
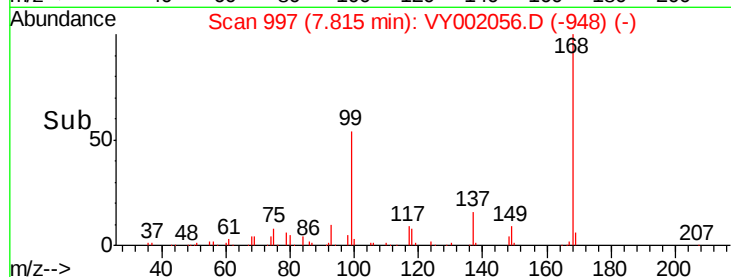
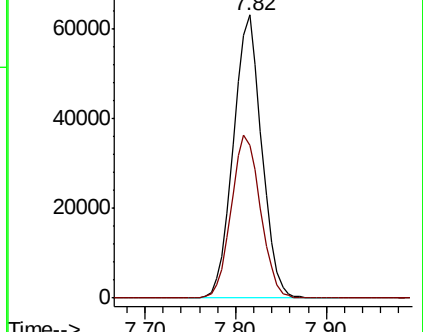
168 100

99 53.8 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) (-)



#16

Acetone

Concen: 13.335 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY002056.D

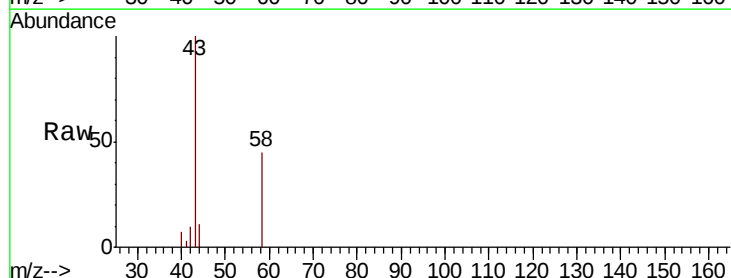
Acq: 24 Mar 2020 17:18

Tgt Ion: 43 Resp: 5683

Ion Ratio Lower Upper

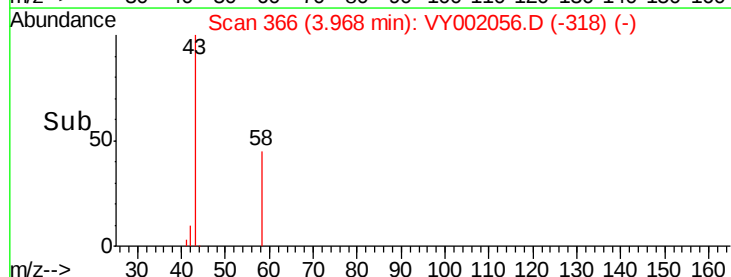
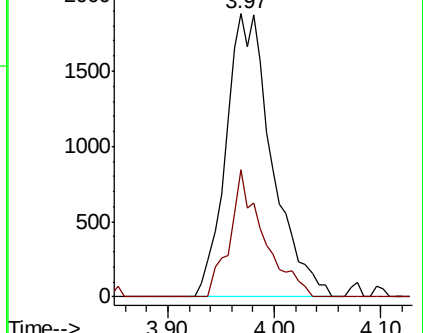
43 100

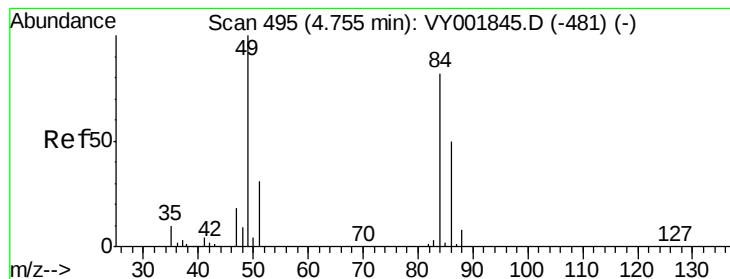
58 44.8 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)





#20

Methylene Chloride

Concen: 4.072 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY002056.D

Acq: 24 Mar 2020 17:18

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-032420

Tot Ion: 84 Resp: 7438

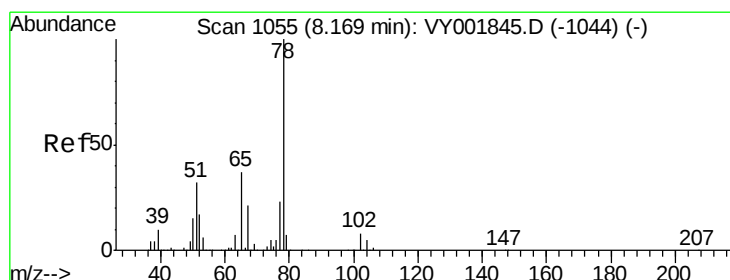
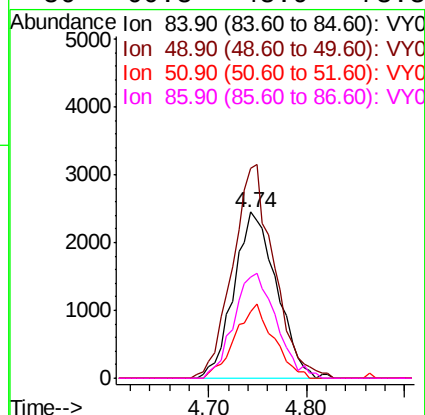
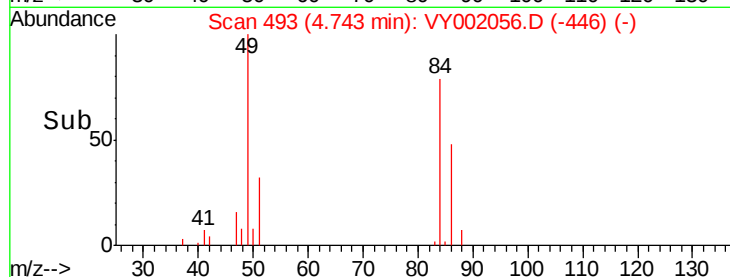
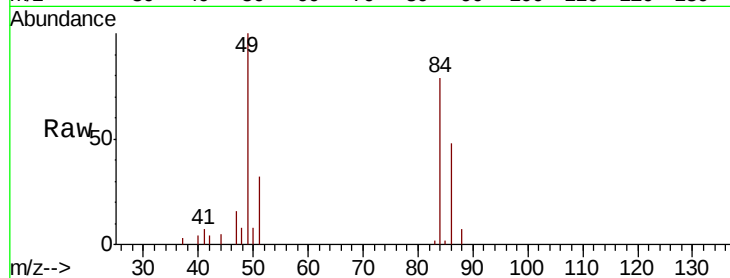
Ion Ratio Lower Upper

84 100

49 126.2 98.2 147.2

51 39.8 30.2 45.2

86 60.8 48.9 73.3



#33

1,2-Dichloroethane-d4

Concen: 59.655 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002056.D

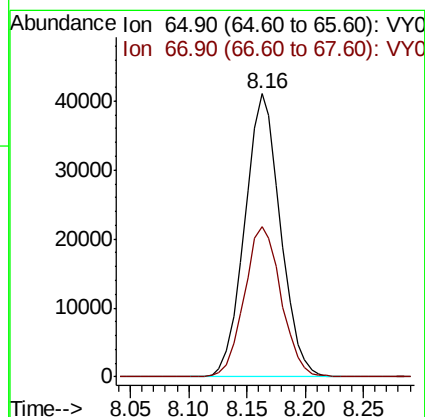
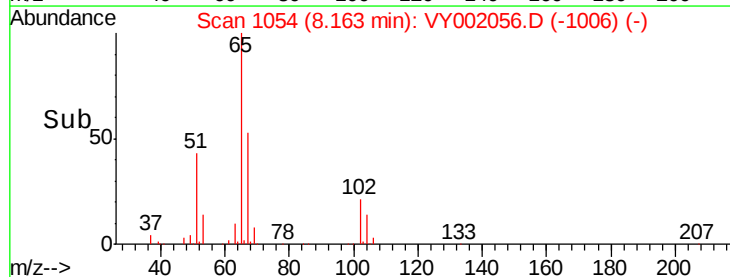
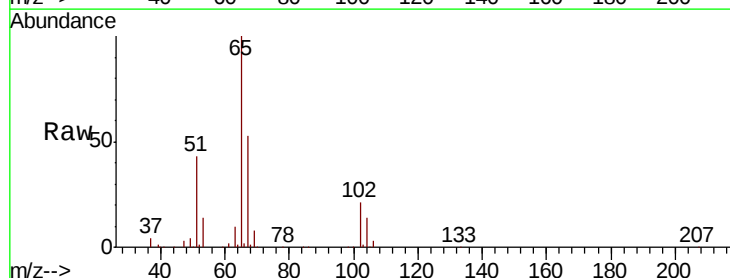
Acq: 24 Mar 2020 17:18

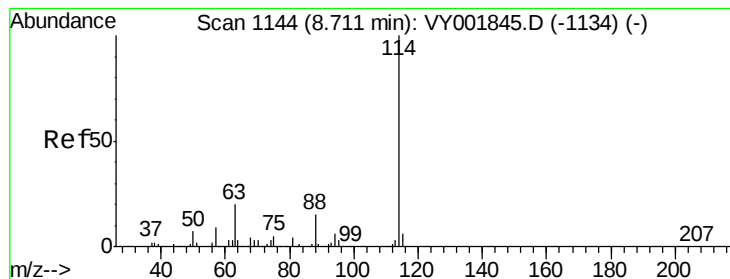
Tgt Ion: 65 Resp: 87284

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002056.D

Acq: 24 Mar 2020 17:18

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-032420

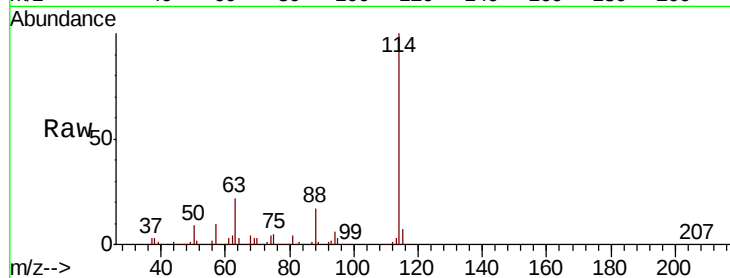
Tot Ion:114 Resp: 262327

Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.4

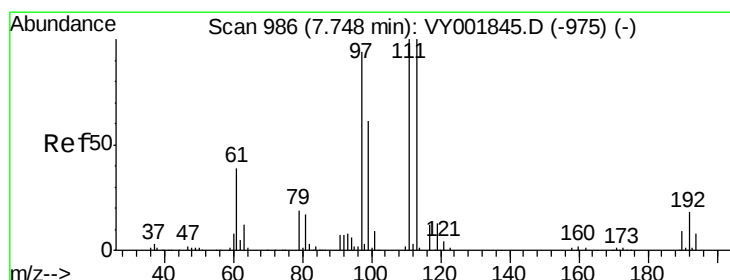
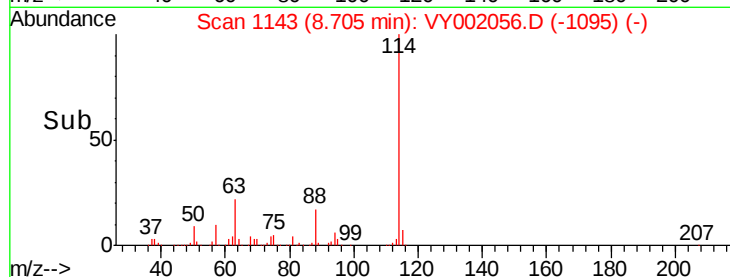
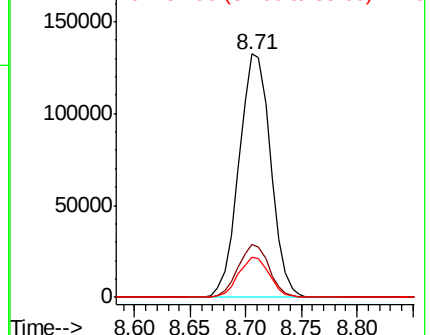
88 16.7 0.0 30.4



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: 54.766 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002056.D

Acq: 24 Mar 2020 17:18

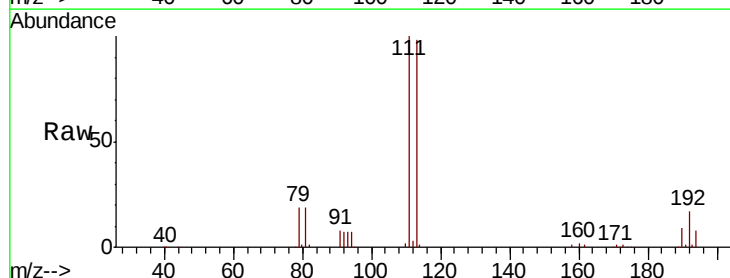
Tgt Ion:113 Resp: 78448

Ion Ratio Lower Upper

113 100

111 104.2 81.8 122.8

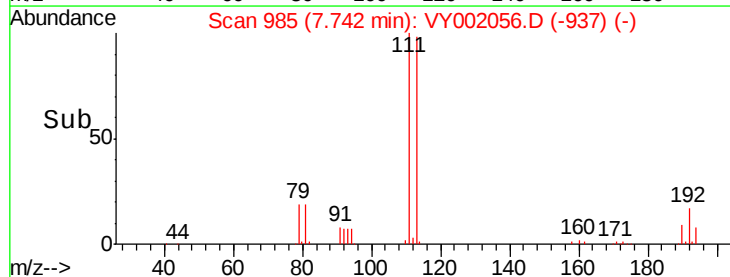
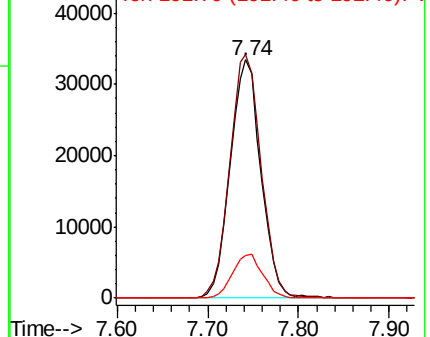
192 18.2 14.2 21.2

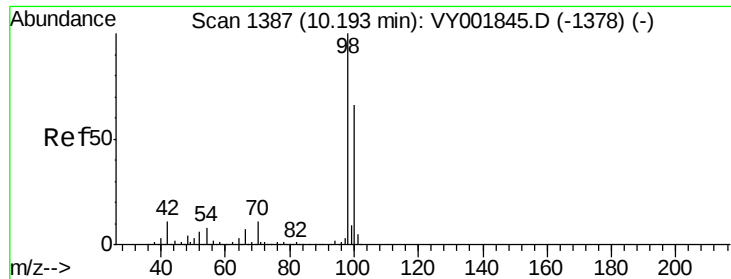


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.918 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY002056.D

Acq: 24 Mar 2020 17:18

Instrument :

MSVOA_Y

ClientSampleId :

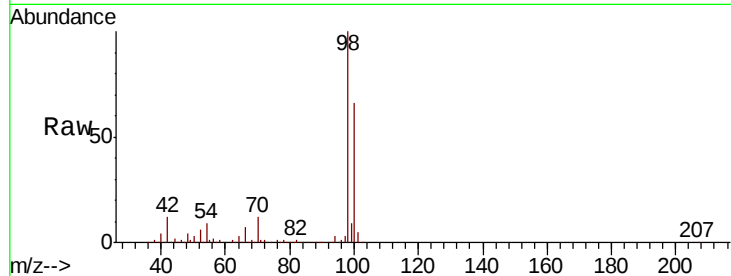
EO-01-032420

Tot Ion: 98 Resp: 319642

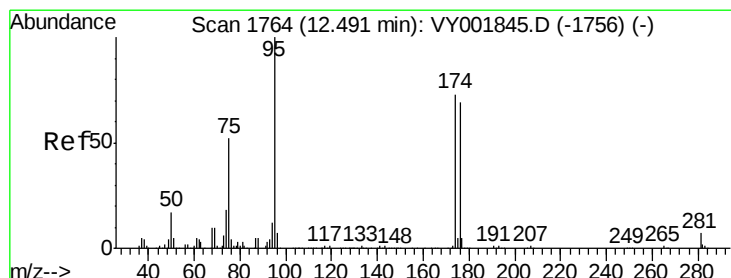
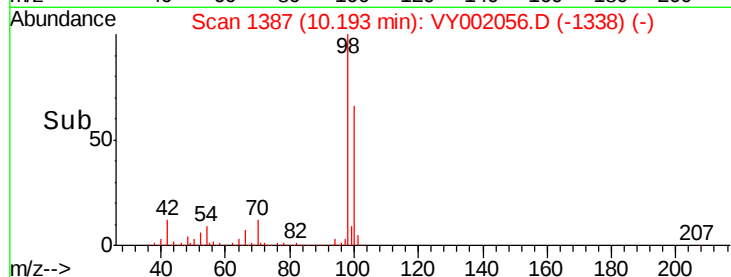
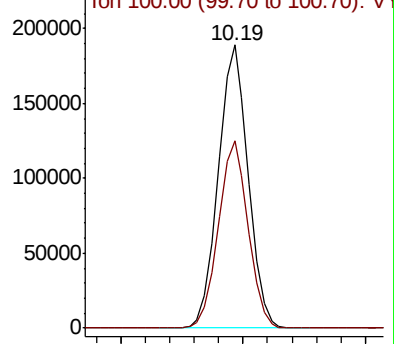
Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.4



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



#62

4-Bromofluorobenzene

Concen: 51.190 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002056.D

Acq: 24 Mar 2020 17:18

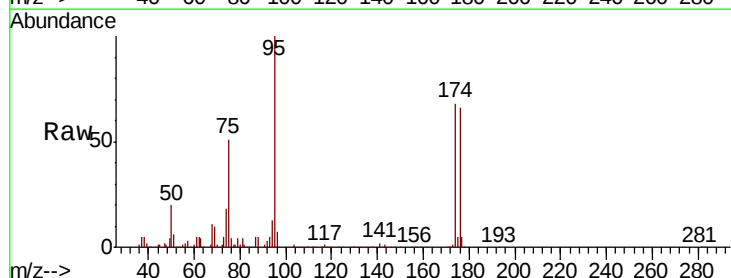
Tgt Ion: 95 Resp: 107514

Ion Ratio Lower Upper

95 100

174 72.9 0.0 145.0

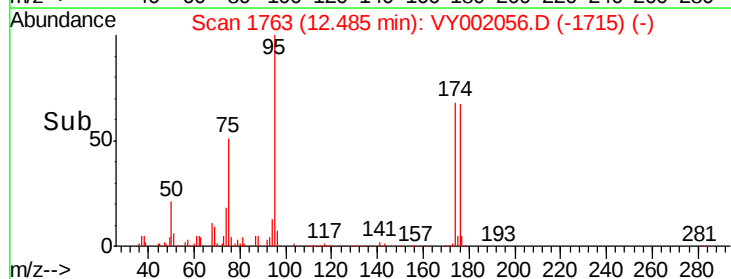
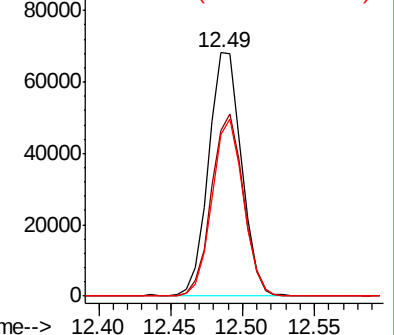
176 69.6 0.0 137.4

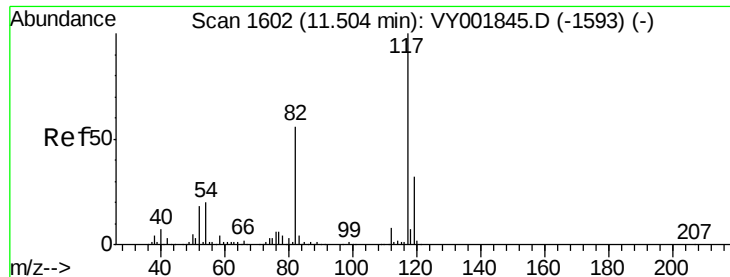


Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

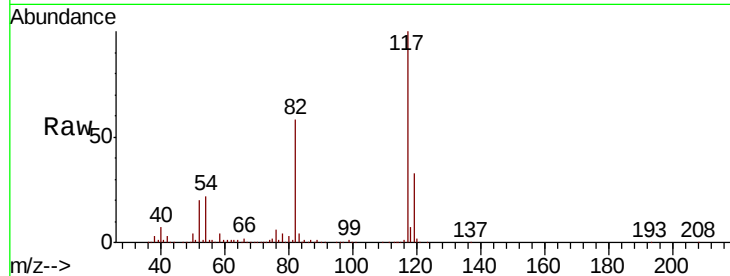




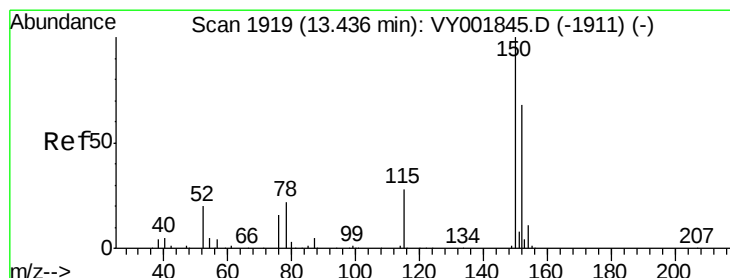
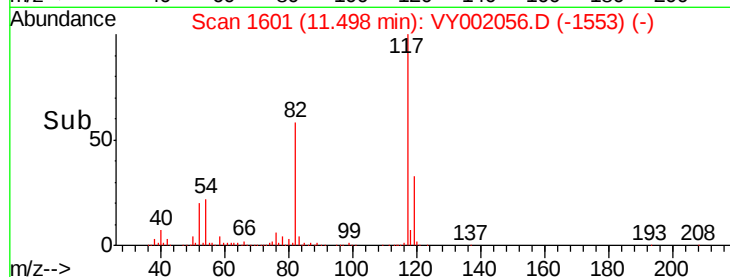
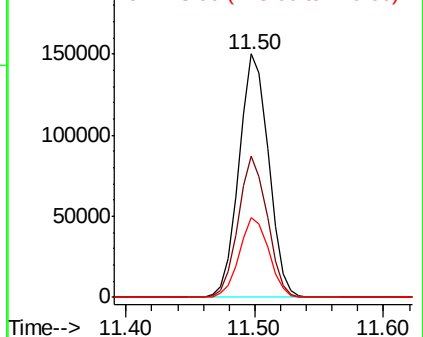
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002056.D
Acq: 24 Mar 2020 17:18

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-032420

Tot Ion:117 Resp: 238613
Ion Ratio Lower Upper
117 100
82 57.7 44.5 66.7
119 32.7 25.7 38.5

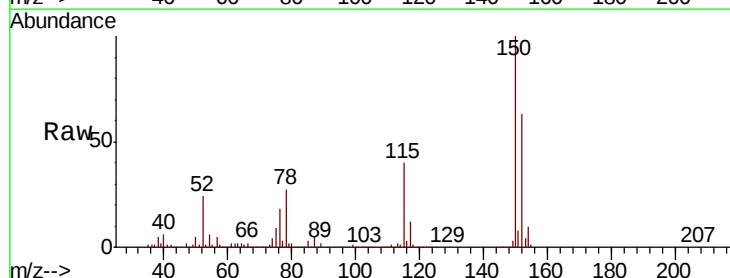


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002056.D
Acq: 24 Mar 2020 17:18

Tgt Ion:152 Resp: 100163
Ion Ratio Lower Upper
152 100
115 62.6 29.9 89.7
150 157.8 0.0 340.6



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

