

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001882.D
 Acq On : 05 Mar 2020 15:20
 Operator : SY/MD
 Sample : L1778-26
 Misc : 6.47G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S8

Quant Time: Mar 06 05:34:08 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

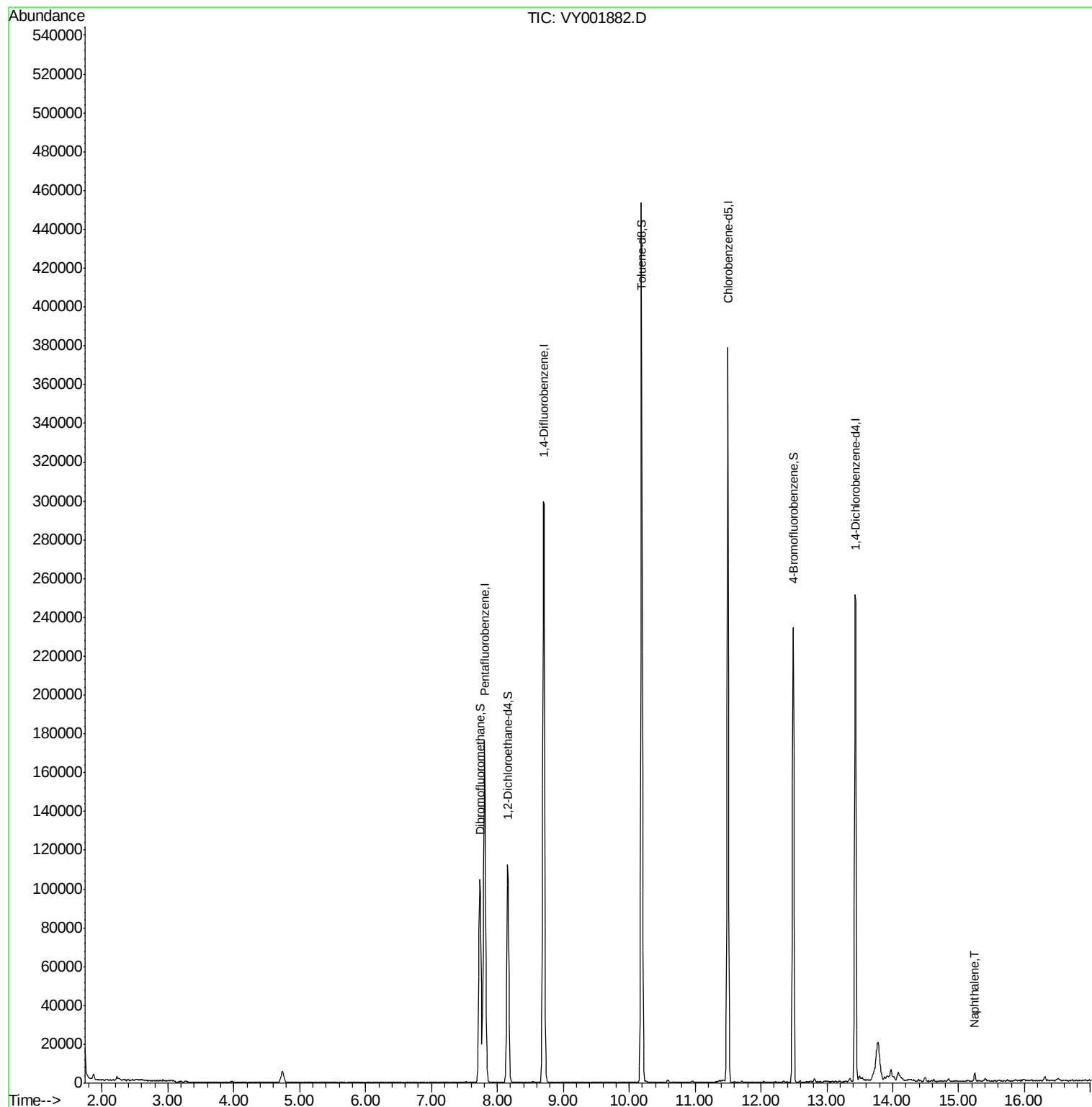
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	130025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	256434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	199356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	62387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	84425	60.82	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	121.64%	
35) Dibromofluoromethane	7.74	113	76552	54.67	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	109.34%	
50) Toluene-d8	10.19	98	295134	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.49	95	77275	37.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.28%	
Target Compounds						
95) Naphthalene	15.24	128	3593	1.300	ug/l #	Qvalue 94

(#) = 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: VY001882.D

Acq: 05 Mar 2020 15:20

Instrument :

MSVOA_Y

ClientSampled :

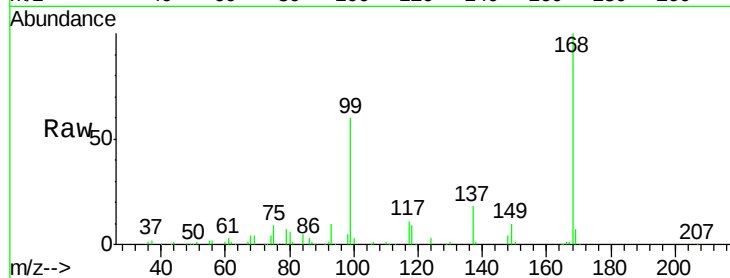
S8

Tot Ion:168 Resp: 130025

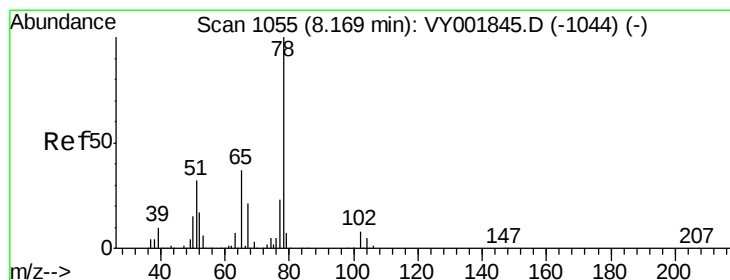
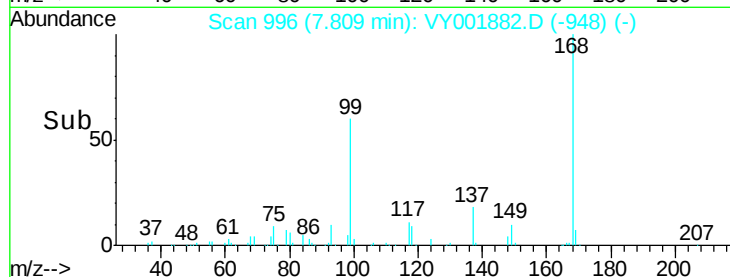
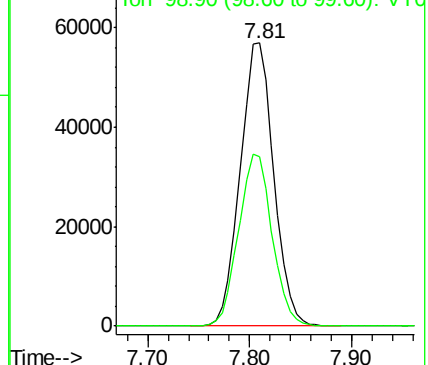
Ion Ratio Lower Upper

168 100

99 59.9 46.7 70.1



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



#33

1,2-Dichloroethane-d4

Concen: 60.820 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001882.D

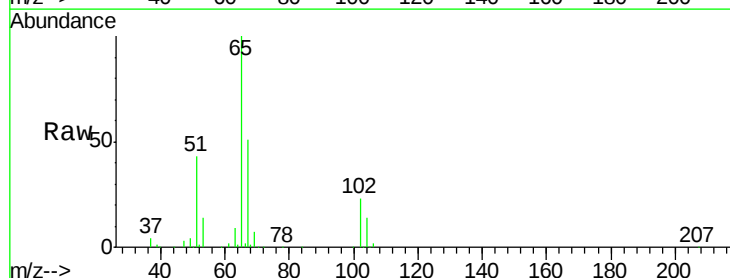
Acq: 05 Mar 2020 15:20

Tgt Ion: 65 Resp: 84425

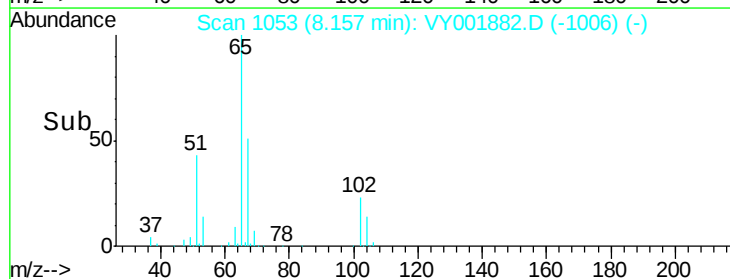
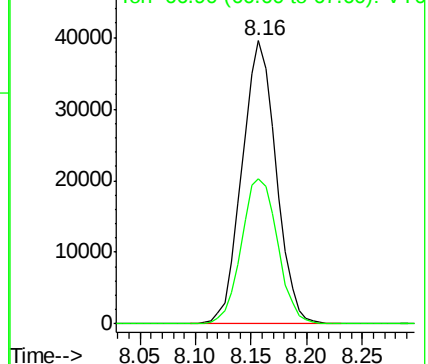
Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): 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: VY001882.D

Acq: 05 Mar 2020 15:20

Instrument :

MSVOA_Y

ClientSampleId :

S8

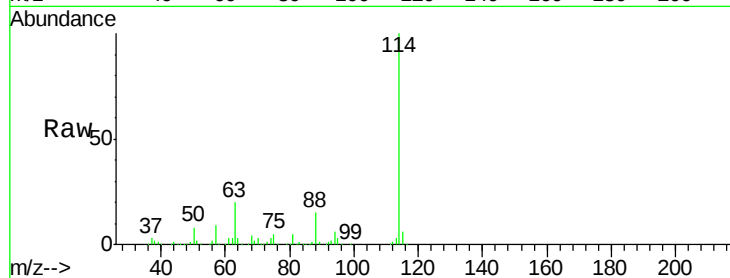
Tot Ion:114 Resp: 256434

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

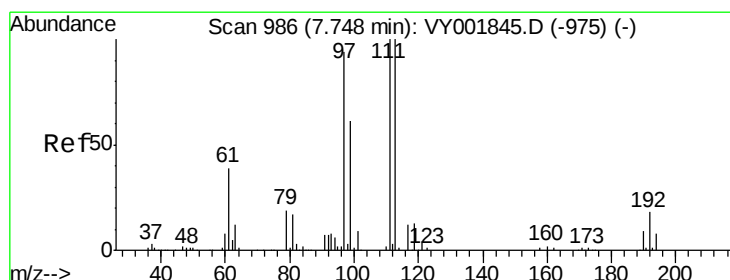
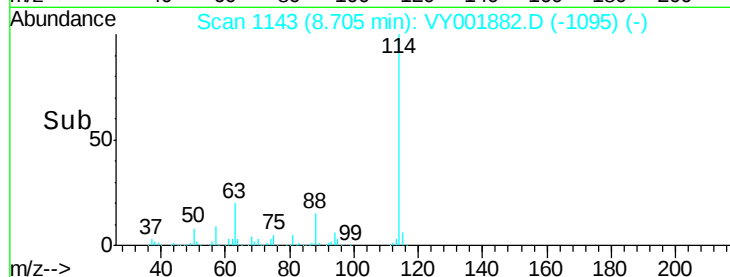
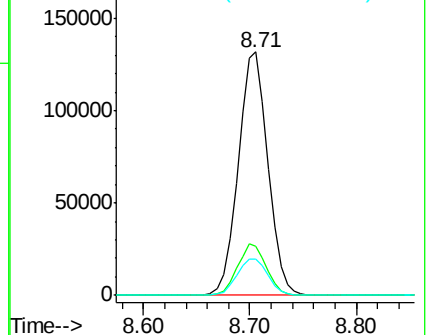
88 14.9 0.0 30.4



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: 54.670 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001882.D

Acq: 05 Mar 2020 15:20

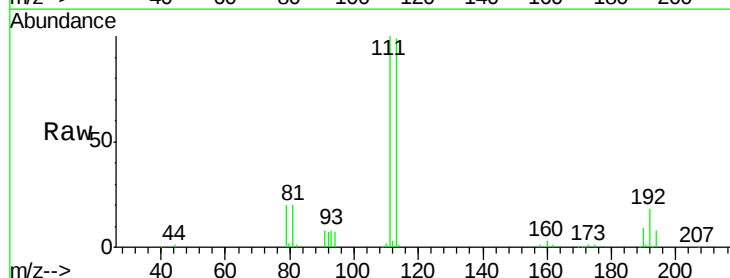
Tgt Ion:113 Resp: 76552

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

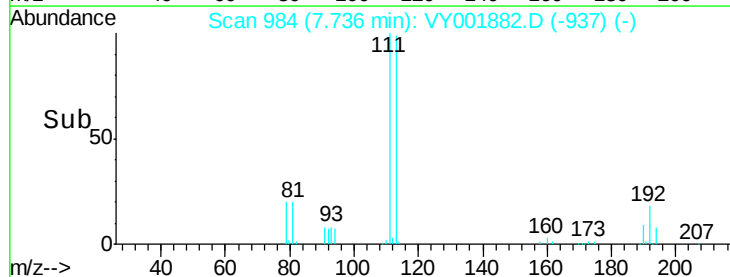
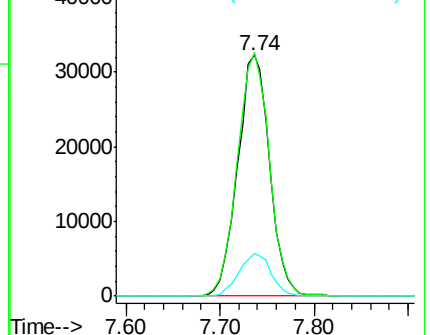
192 17.7 14.2 21.2

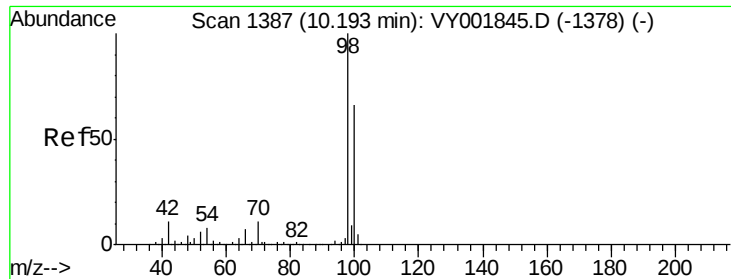


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

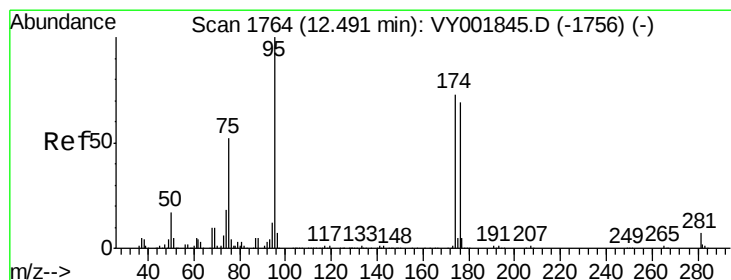
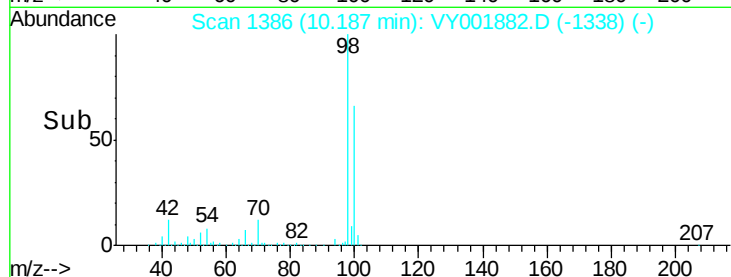
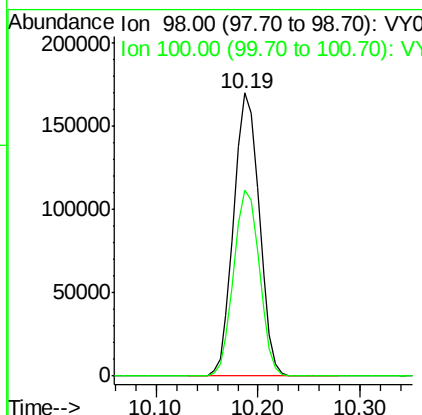
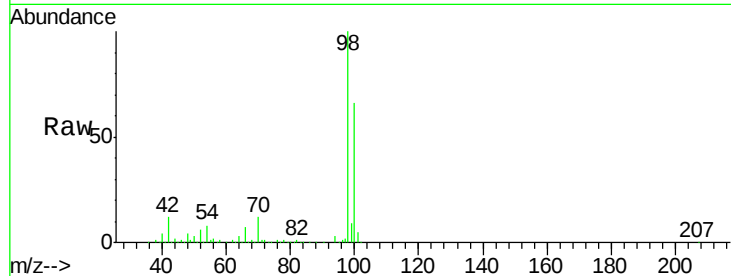




#50
Toluene-d8
Concen: 49.984 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001882.D
Acq: 05 Mar 2020 15:20

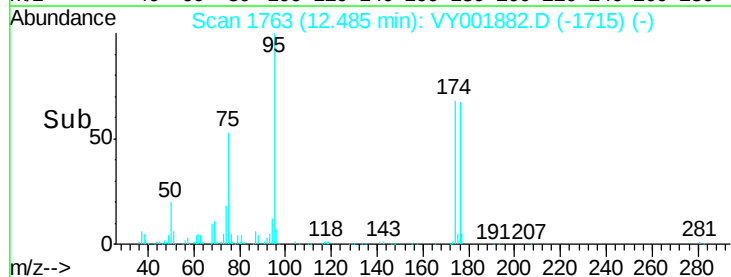
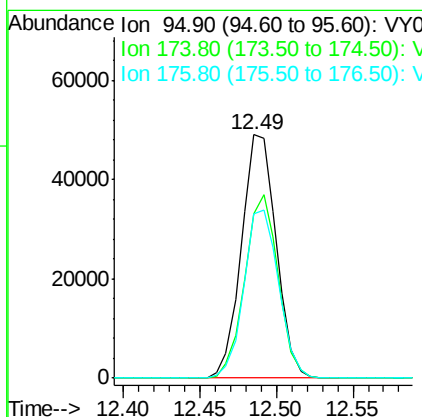
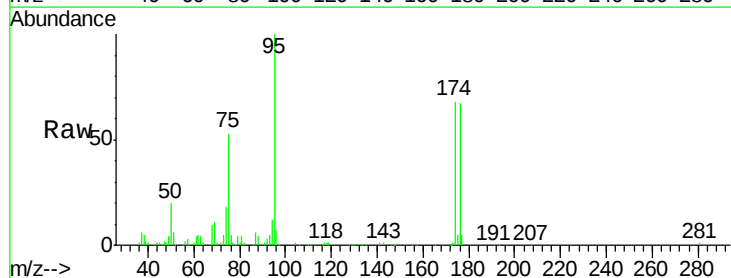
Instrument :
MSVOA_Y
ClientSampleId :
S8

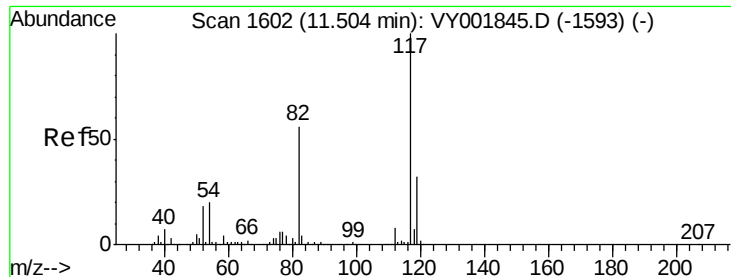
Tot Ion: 98 Resp: 295134
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 37.638 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001882.D
Acq: 05 Mar 2020 15:20

Tgt Ion: 95 Resp: 77275
Ion Ratio Lower Upper
95 100
174 72.6 0.0 145.0
176 69.4 0.0 137.4

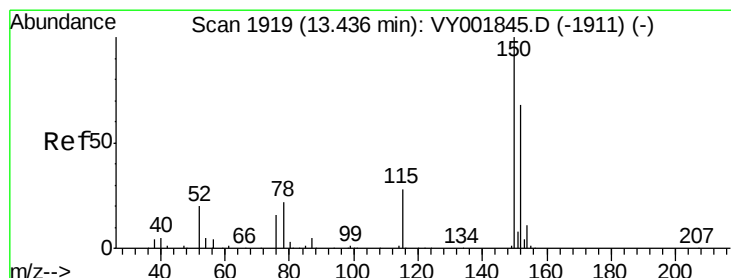
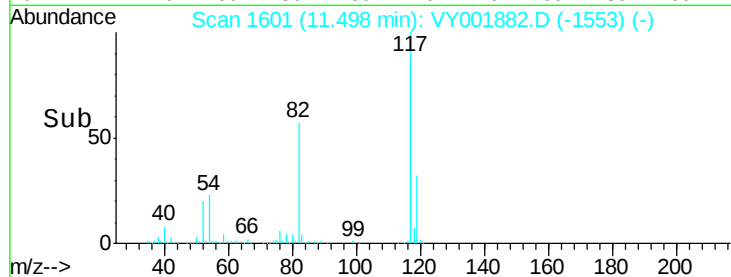
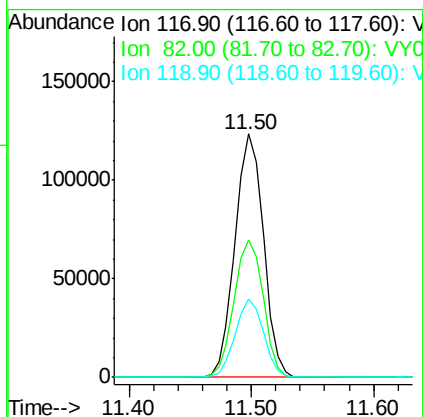
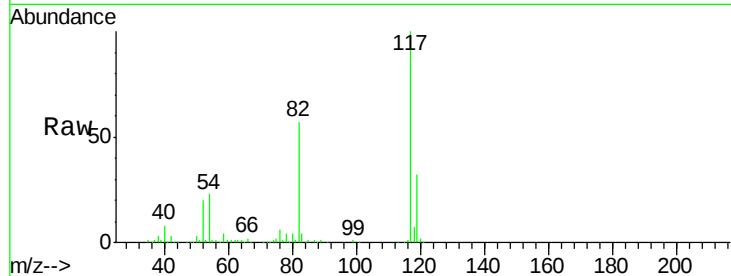




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001882.D
Acq: 05 Mar 2020 15:20

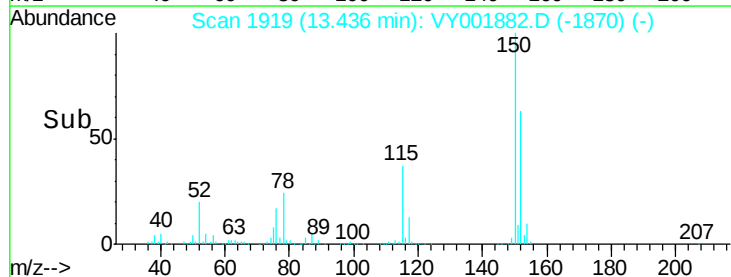
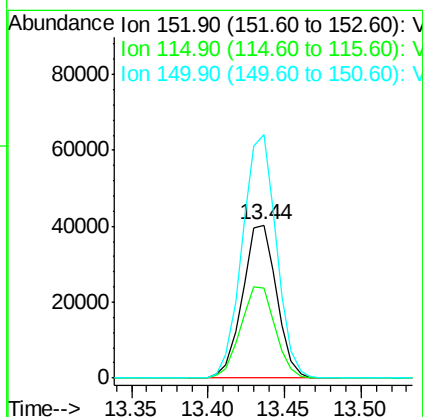
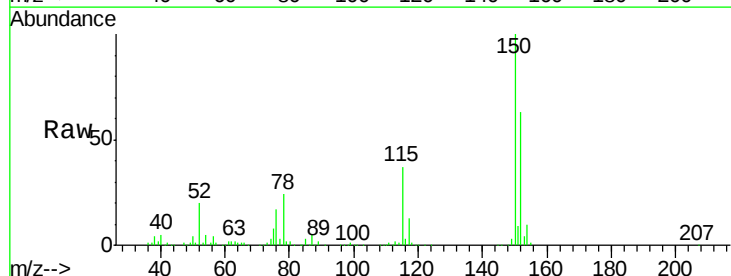
Instrument :
MSVOA_Y
ClientSampleId :
S8

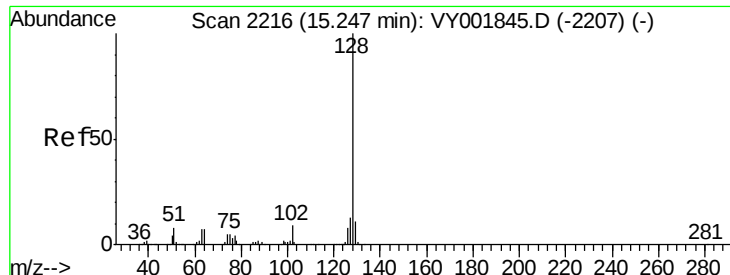
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.5	66.7
119	32.2	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001882.D
Acq: 05 Mar 2020 15:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.9	89.7
150	158.9	0.0	340.6





#95

Naphthalene

Concen: 1.300 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001882.D

Acq: 05 Mar 2020 15:20

Instrument :

MSVOA_Y

ClientSampleId :

S8

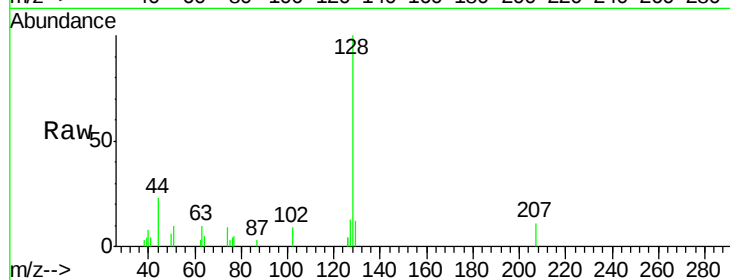
Tot Ion:128 Resp: 3593

Ion Ratio Lower Upper

128 100

127 15.8 10.1 15.1#

129 12.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

