

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
 Data File : VY002348.D
 Acq On : 15 Apr 2020 19:26
 Operator : SY/MD
 Sample : L2281-07
 Misc : 5.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-35

Quant Time: Apr 16 07:55:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

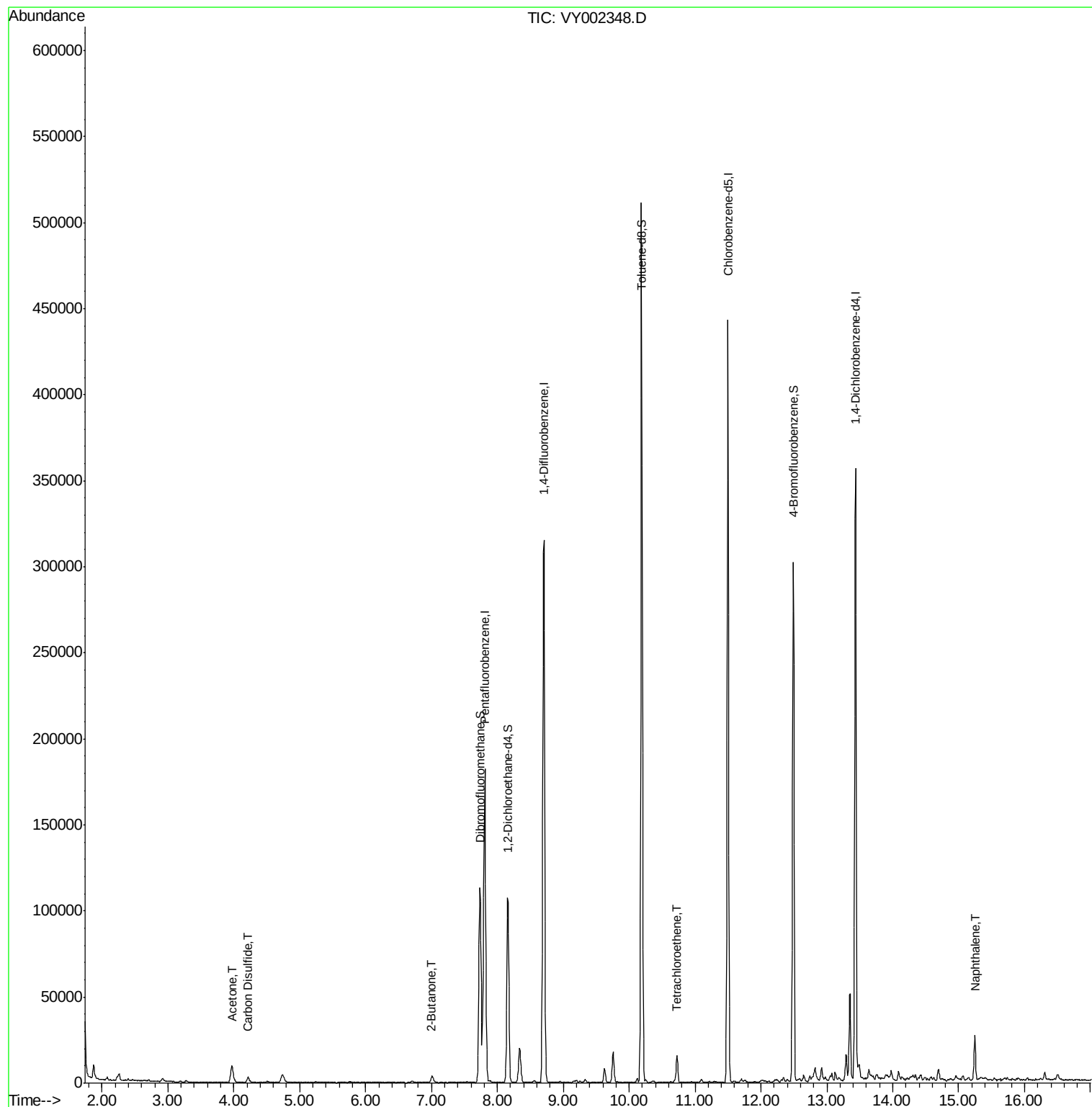
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	141406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	283261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	249480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	87514	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	79049	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
35) Dibromofluoromethane	7.74	113	81830	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
50) Toluene-d8	10.19	98	341790	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.49	95	103267	44.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.74%	
Target Compounds						
16) Acetone	3.97	43	16699	40.318	ug/l	94
17) Carbon Disulfide	4.22	76	5859	1.033	ug/l	96
25) 2-Butanone	7.00	43	5307	8.097	ug/l #	72
64) Tetrachloroethene	10.73	164	3367	1.335	ug/l #	87
95) Naphthalene	15.25	128	20998	5.508	ug/l	98

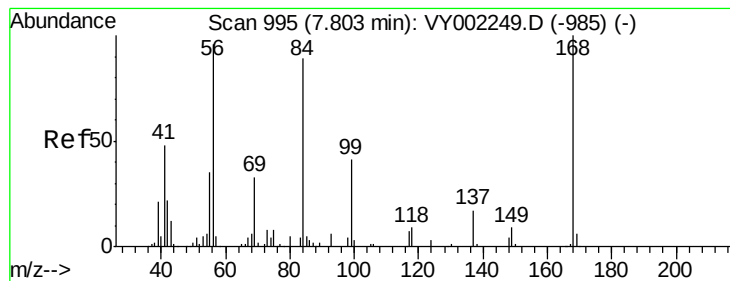
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
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Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002348.D

Acq: 15 Apr 2020 19:26

Instrument :

MSVOA_Y

ClientSampled :

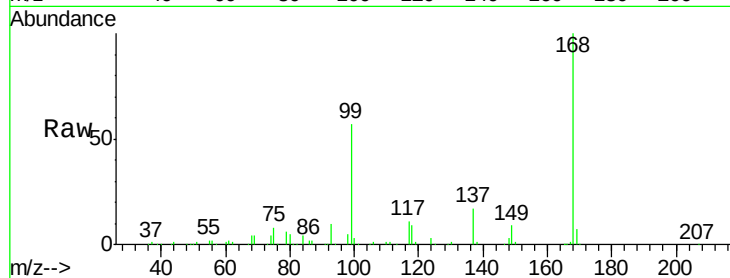
TP-35

Tot Ion:168 Resp: 141406

Ion Ratio Lower Upper

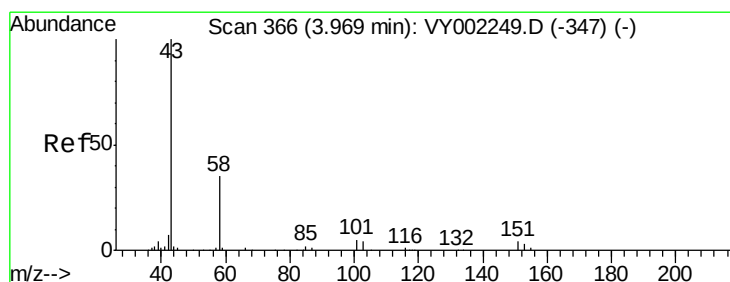
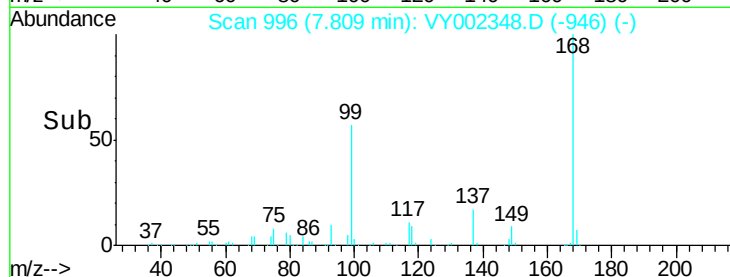
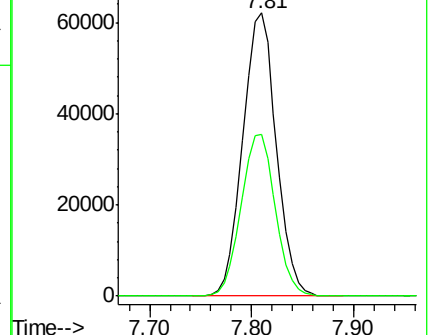
168 100

99 56.9 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#16

Acetone

Concen: 40.318 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002348.D

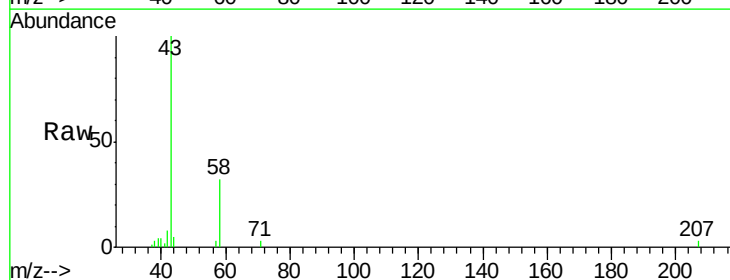
Acq: 15 Apr 2020 19:26

Tgt Ion: 43 Resp: 16699

Ion Ratio Lower Upper

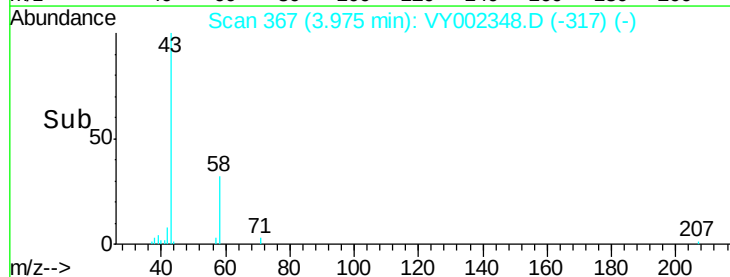
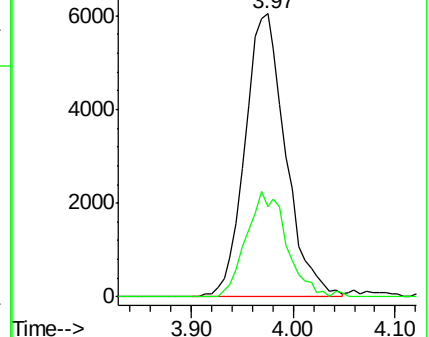
43 100

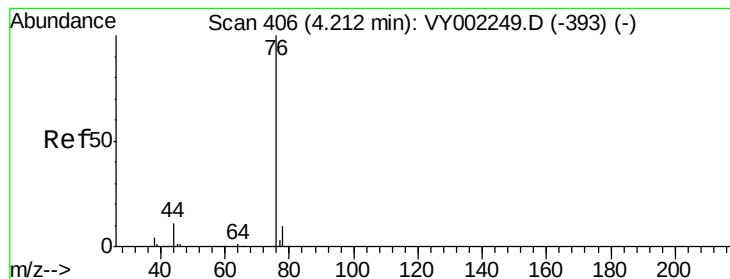
58 32.0 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)





#17

Carbon Disulfide

Concen: 1.033 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002348.D

Acq: 15 Apr 2020 19:26

Instrument :

MSVOA_Y

ClientSampled :

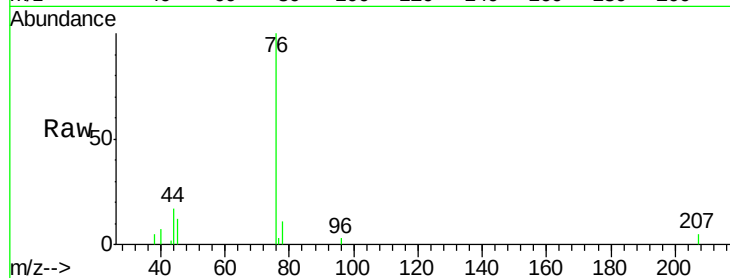
TP-35

Tot Ion: 76 Resp: 5859

Ion Ratio Lower Upper

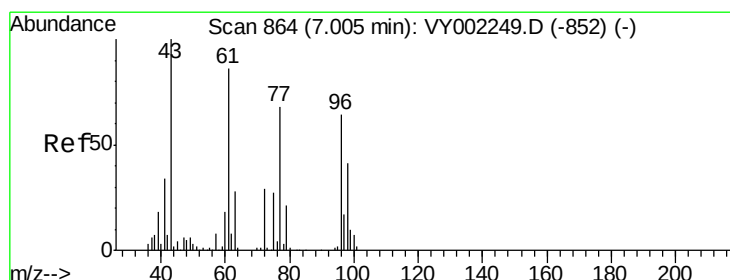
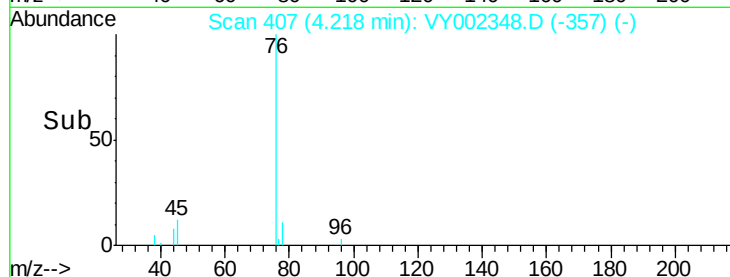
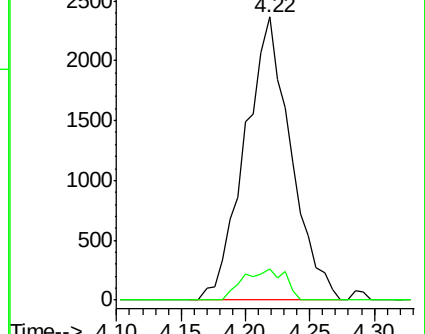
76 100

78 11.0 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#25

2-Butanone

Concen: 8.097 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002348.D

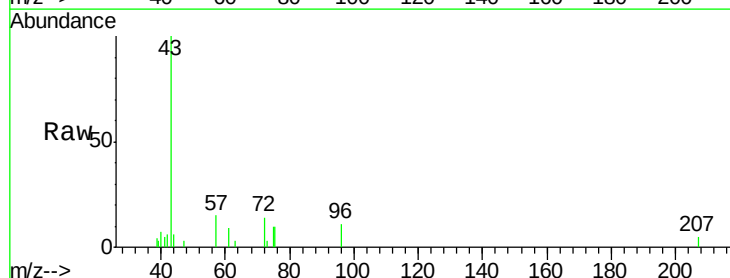
Acq: 15 Apr 2020 19:26

Tgt Ion: 43 Resp: 5307

Ion Ratio Lower Upper

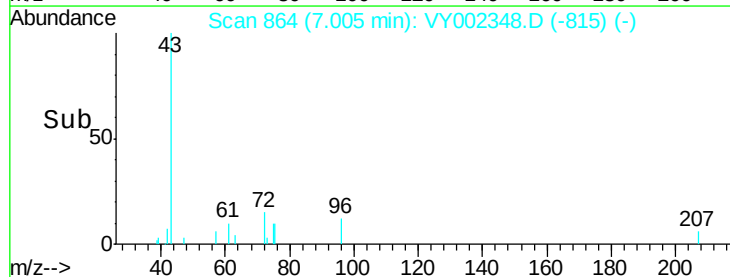
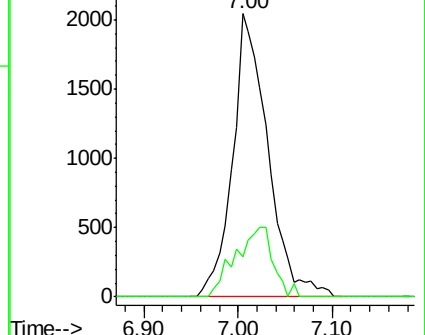
43 100

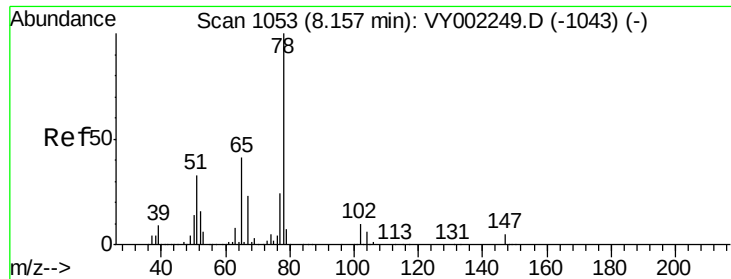
72 14.2 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

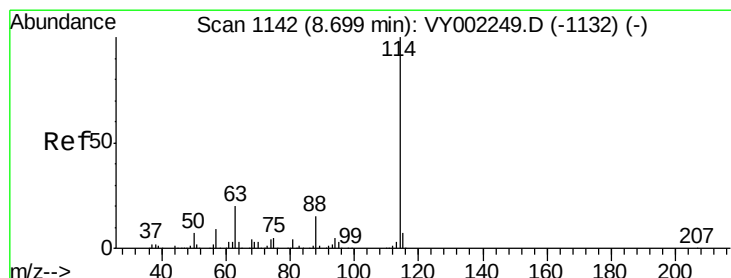
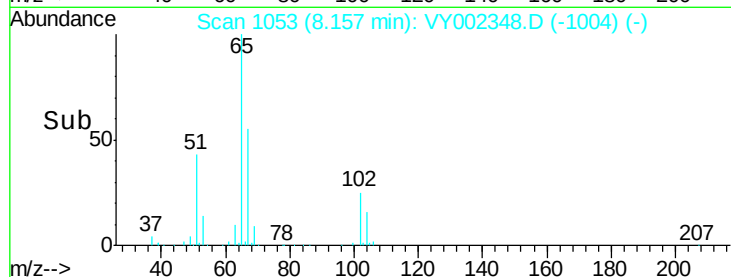
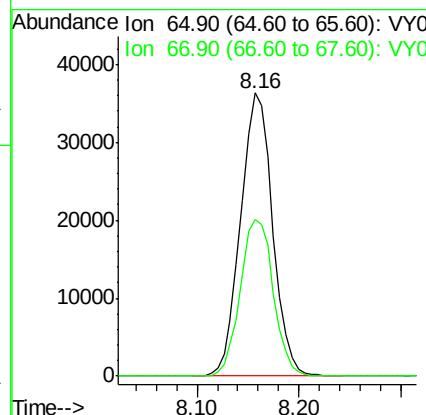
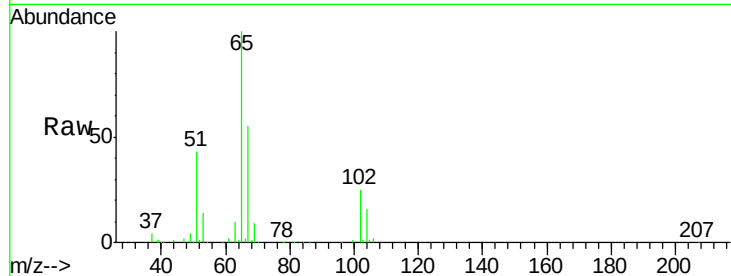




#33
 1,2-Dichloroethane-d4
 Concen: 50.268 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY002348.D
 Acq: 15 Apr 2020 19:26

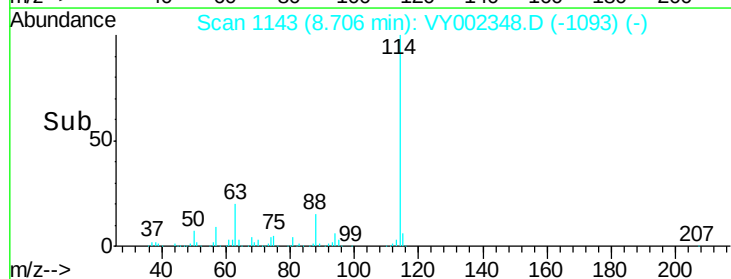
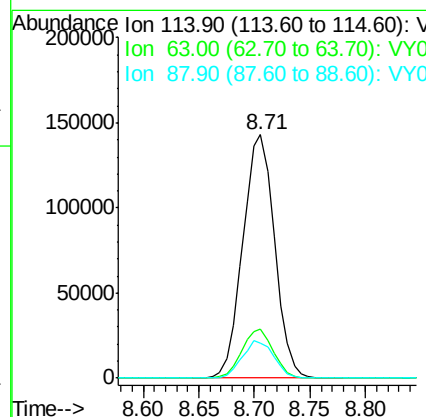
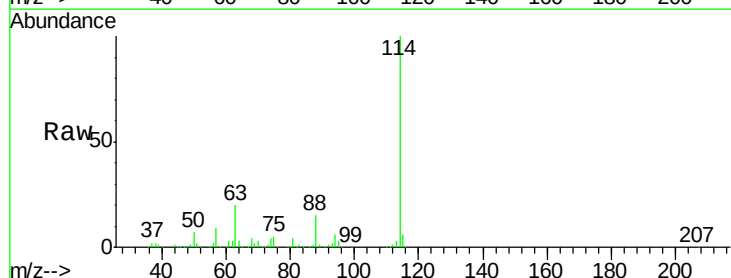
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-35

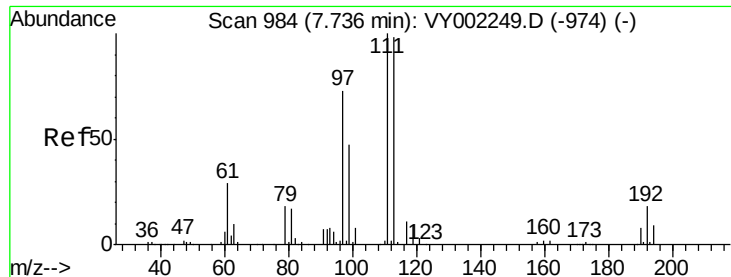
Tot Ion: 65 Resp: 79049
 Ion Ratio Lower Upper
 65 100
 67 57.1 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002348.D
 Acq: 15 Apr 2020 19:26

Tgt Ion: 114 Resp: 283261
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 14.6 0.0 31.0

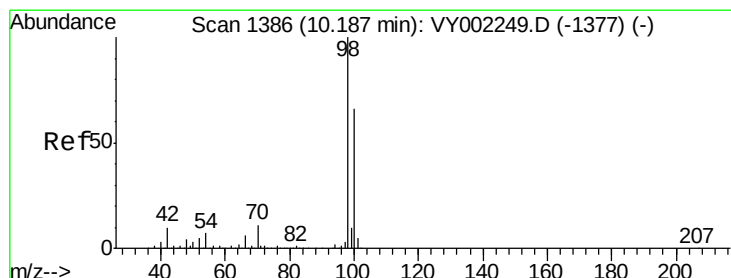
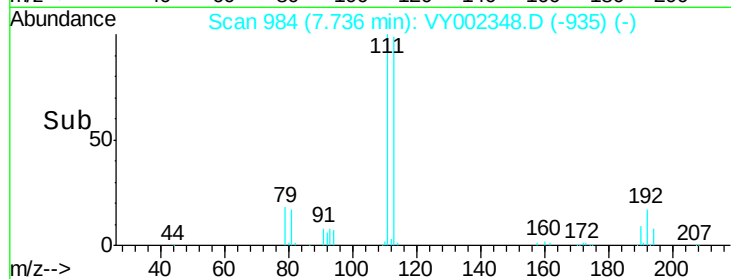
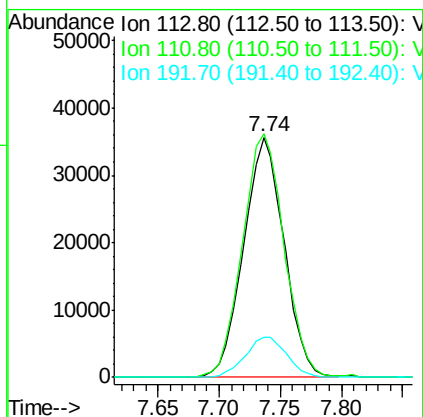
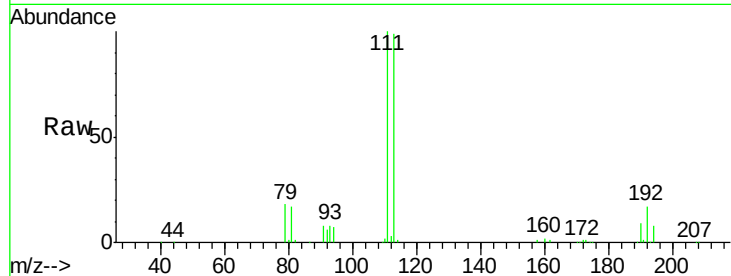




#35
 Dibromofluoromethane
 Concen: 48.549 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002348.D
 Acq: 15 Apr 2020 19:26

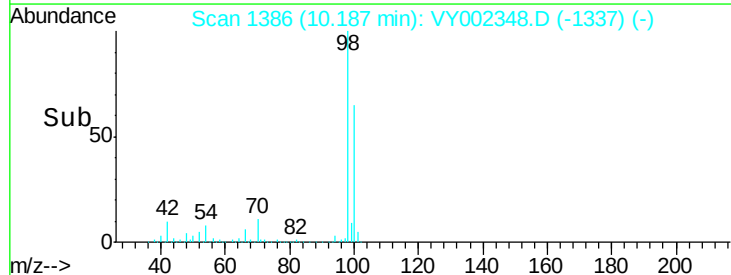
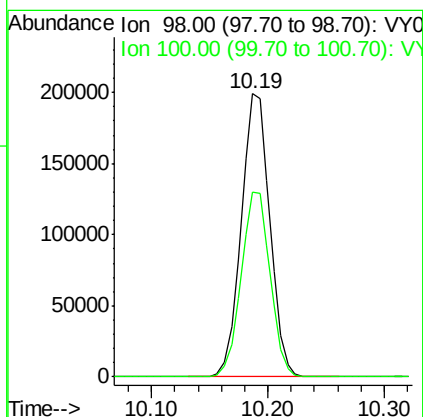
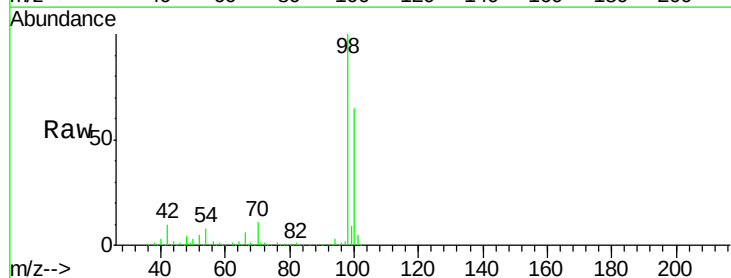
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-35

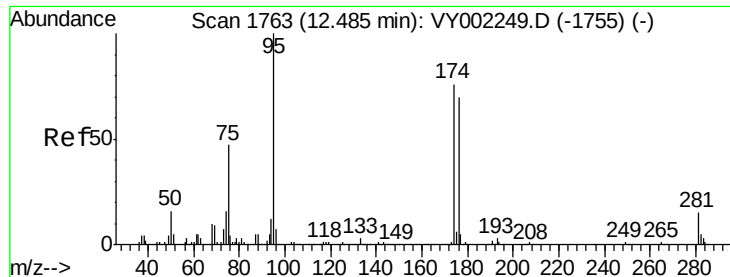
Tot Ion:113 Resp: 81830
 Ion Ratio Lower Upper
 113 100
 111 104.7 83.5 125.3
 192 17.4 14.7 22.1



#50
 Toluene-d8
 Concen: 48.448 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: VY002348.D
 Acq: 15 Apr 2020 19:26

Tgt Ion: 98 Resp: 341790
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.6 78.8

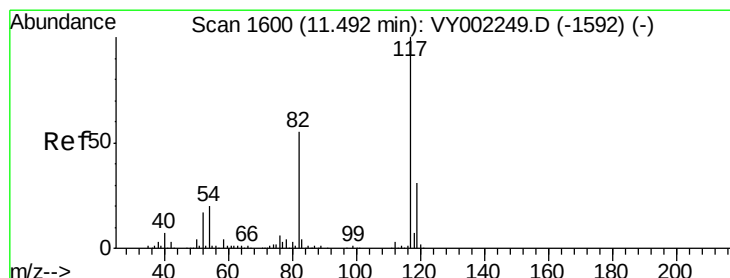
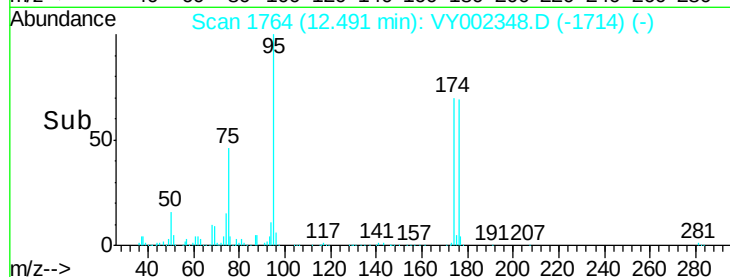
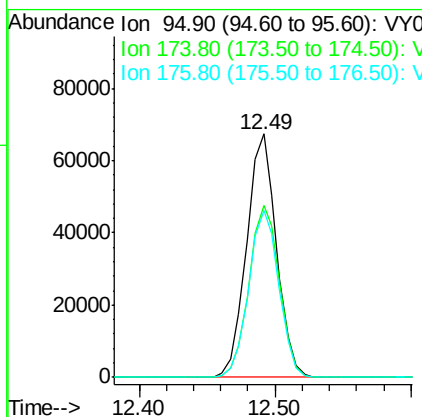
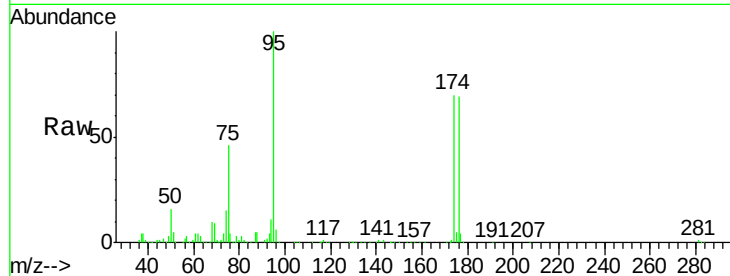




#62
4-Bromofluorobenzene
Concen: 44.369 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002348.D
Acq: 15 Apr 2020 19:26

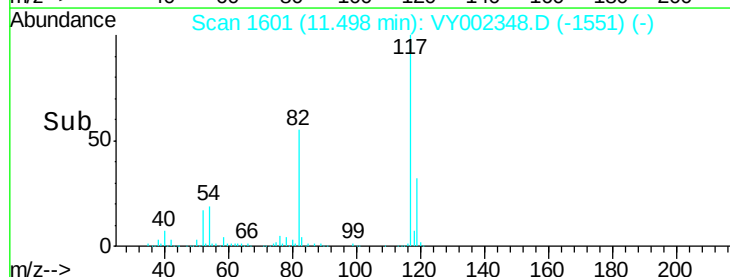
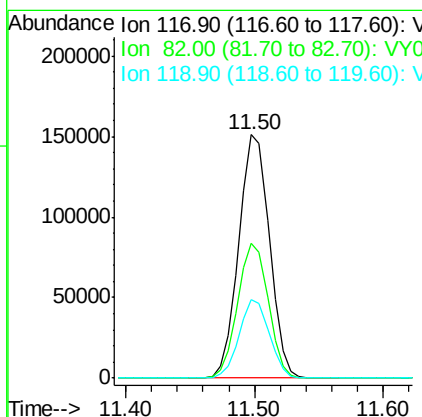
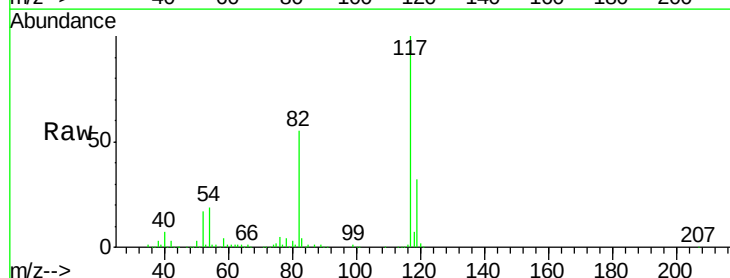
Instrument :
MSVOA_Y
ClientSampled :
TP-35

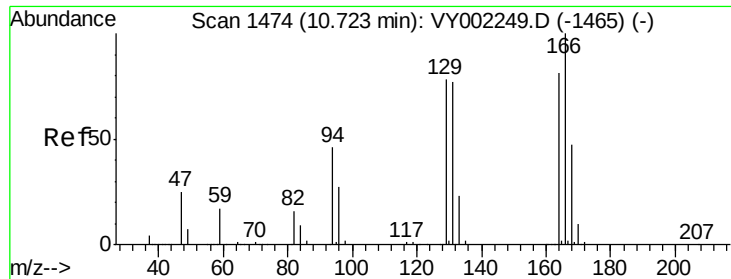
Tot Ion: 95 Resp: 103267
Ion Ratio Lower Upper
95 100
174 72.6 0.0 150.6
176 69.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002348.D
Acq: 15 Apr 2020 19:26

Tgt Ion: 117 Resp: 249480
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.4
119 32.5 25.1 37.7





#64

Tetrachloroethene

Concen: 1.335 ug/l

RT: 10.73 min Scan# 1475

Delta R.T. 0.01 min

Lab File: VY002348.D

Acq: 15 Apr 2020 19:26

Instrument :

MSVOA_Y

ClientSampleId :

TP-35

Tot Ion:164 Resp: 3367

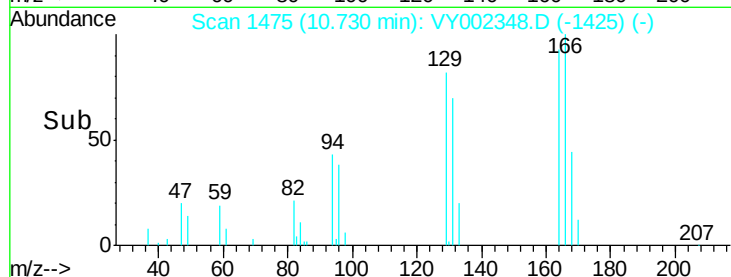
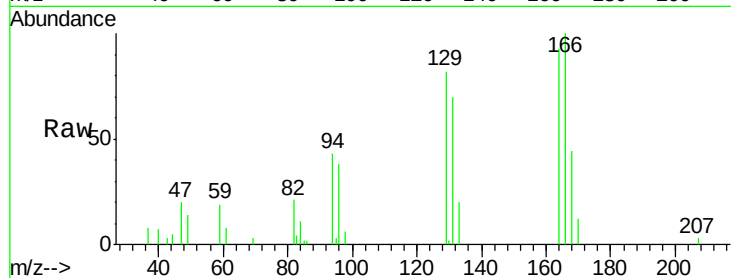
Ion Ratio Lower Upper

164 100

166 107.8 98.4 147.6

129 88.4 76.6 115.0

131 75.4 75.4 113.2#

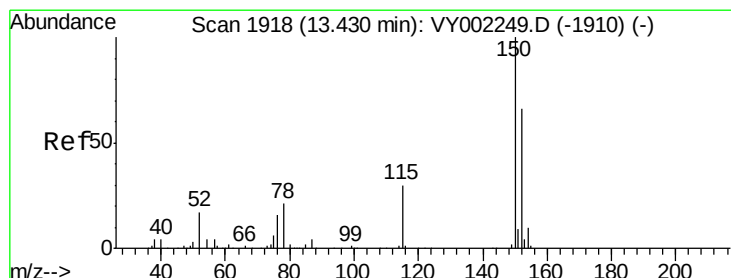
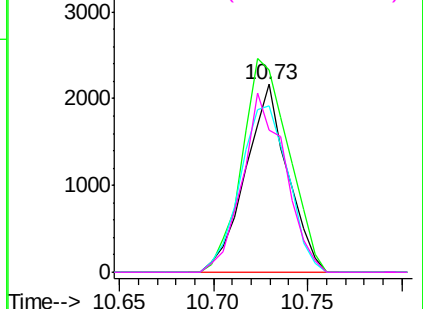


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002348.D

Acq: 15 Apr 2020 19:26

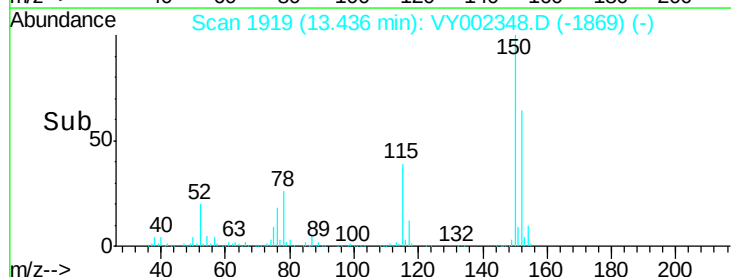
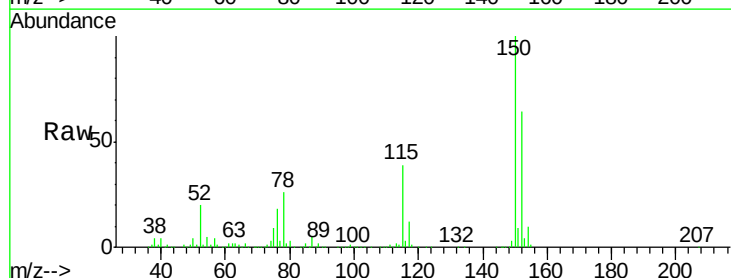
Tgt Ion:152 Resp: 87514

Ion Ratio Lower Upper

152 100

115 61.4 30.7 92.1

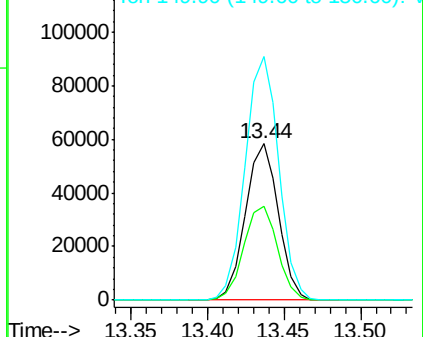
150 158.6 0.0 350.6

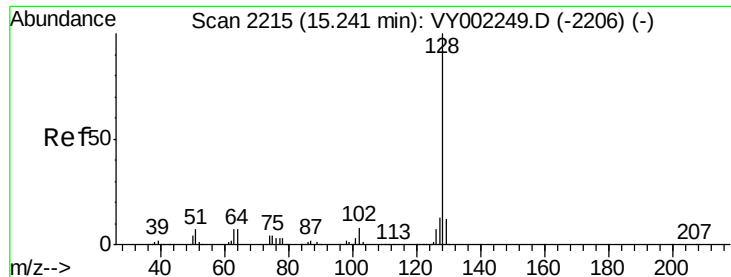


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

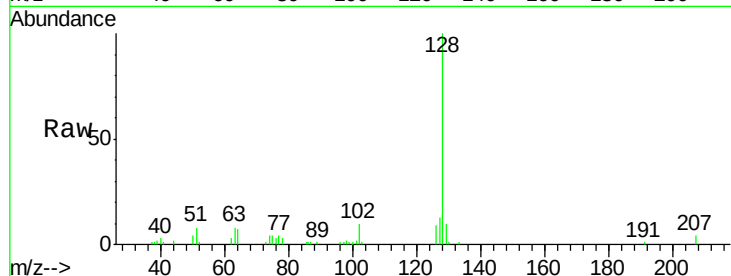




#95
 Naphthalene
 Concen: 5.508 ug/l
 RT: 15.25 min Scan# 2216
 Delta R.T. 0.01 min
 Lab File: VY002348.D
 Acq: 15 Apr 2020 19:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-35

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.1	15.1
129	11.9	8.7	13.1



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

