

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002473.D
 Acq On : 23 Apr 2020 20:23
 Operator : SY/MD
 Sample : L2375-01
 Misc : 8.29G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-16-(2-3)

Quant Time: Apr 24 02:25:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

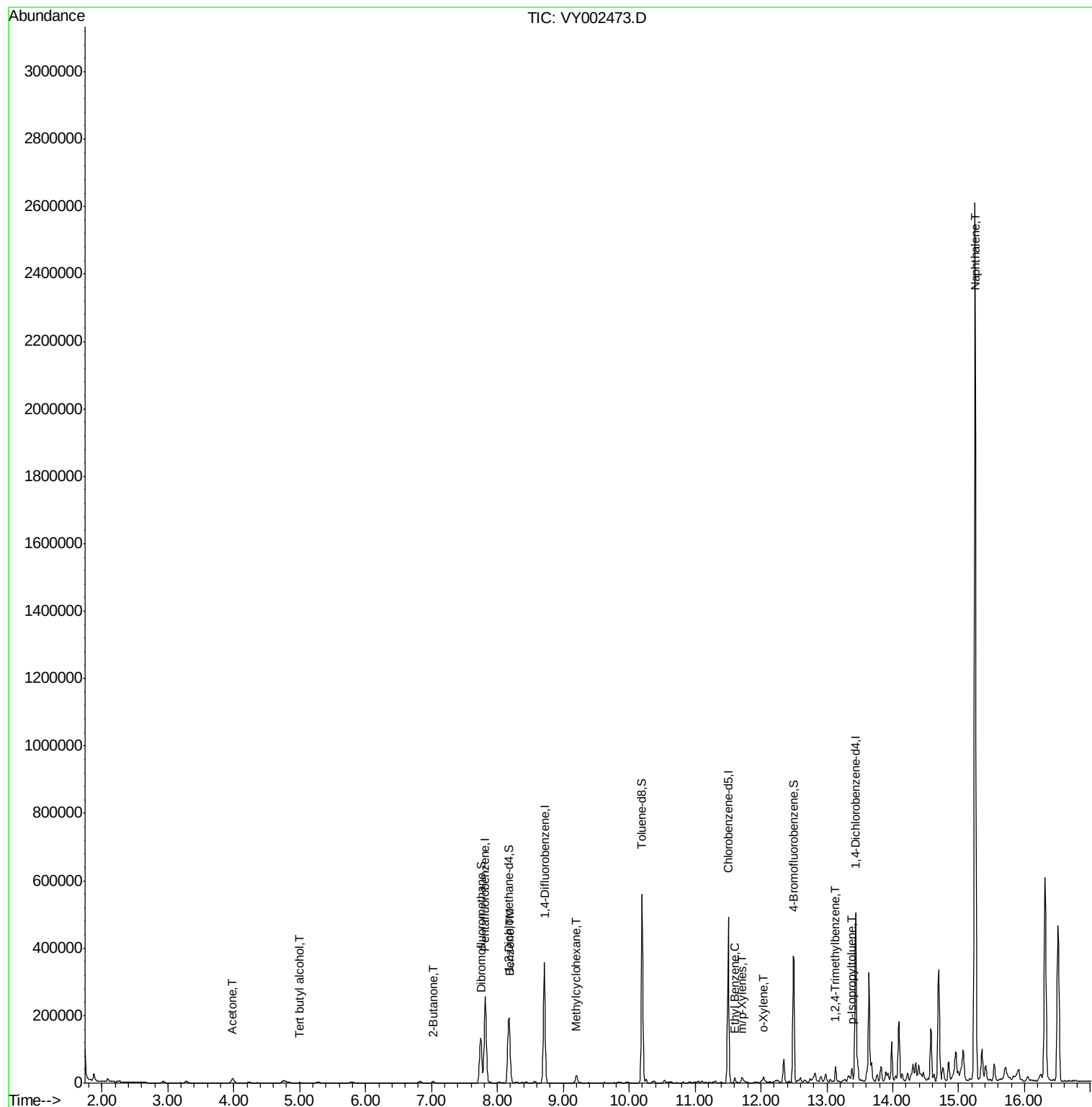
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	207621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	317719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	273709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	136015	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	100169	55.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.40%	
35) Dibromofluoromethane	7.75	113	94089	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
50) Toluene-d8	10.19	98	370841	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.49	95	111793	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.99	59	2550	14.930	ug/l #	92
16) Acetone	3.98	43	21868	57.663	ug/l	95
25) 2-Butanone	7.02	43	6806	11.714	ug/l #	83
39) Methylcyclohexane	9.20	83	9540	2.684	ug/l	93
40) Benzene	8.19	78	112315	14.264	ug/l	99
67) Ethyl Benzene	11.61	91	9509	1.011	ug/l	93
68) m/p-Xylenes	11.72	106	4220	1.166	ug/l	92
69) o-Xylene	12.04	106	4232	1.262	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	23441	3.166	ug/l	99
86) p-Isopropyltoluene	13.38	119	20501	2.396	ug/l	98
95) Naphthalene	15.25	128	2248580	422.890	ug/l	100

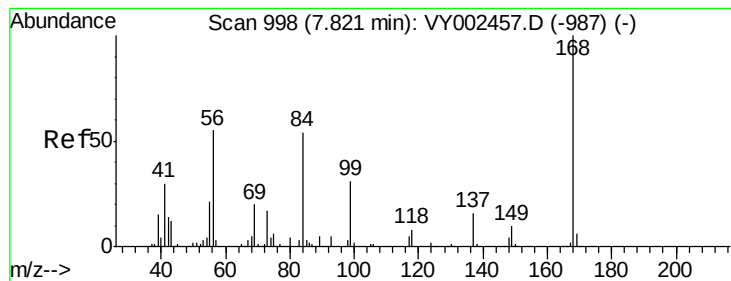
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
Data File : VY002473.D
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TP-16-(2-3)

Quant Time: Apr 24 02:25:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY002473.D

Acq: 23 Apr 2020 20:23

Instrument :

MSVOA_Y

ClientSampleId :

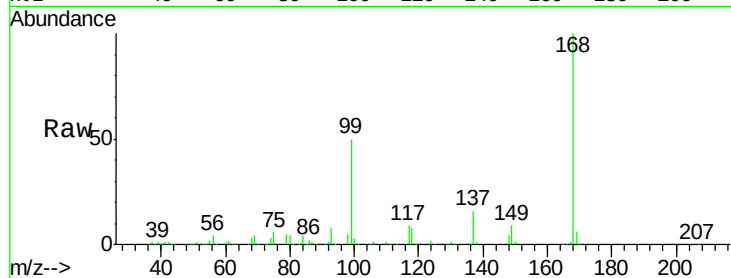
TP-16-(2-3)

Tot Ion:168 Resp: 207621

Ion Ratio Lower Upper

168 100

99 49.7 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.82

100000

80000

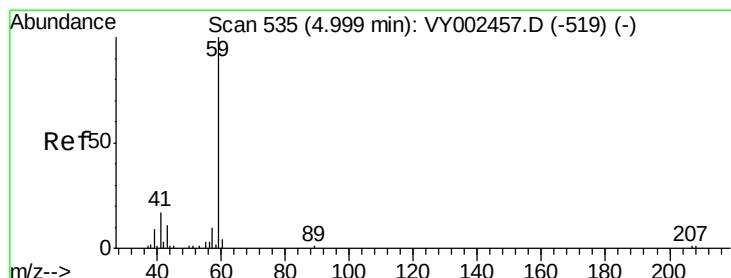
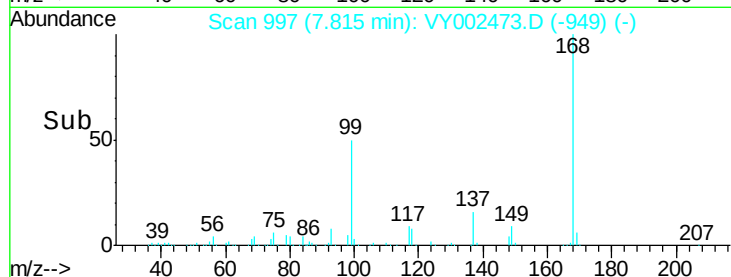
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 14.930 ug/l

RT: 4.99 min Scan# 534

Delta R.T. -0.01 min

Lab File: VY002473.D

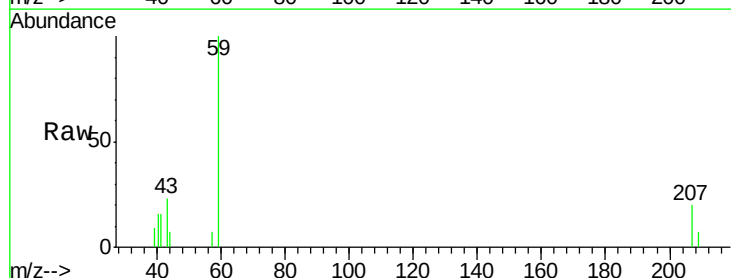
Acq: 23 Apr 2020 20:23

Tgt Ion: 59 Resp: 2550

Ion Ratio Lower Upper

59 100

57 7.5 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VY002457.D (-519) (-)

Ion 57.00 (56.70 to 57.70): VY002457.D (-519) (-)

4.99

800

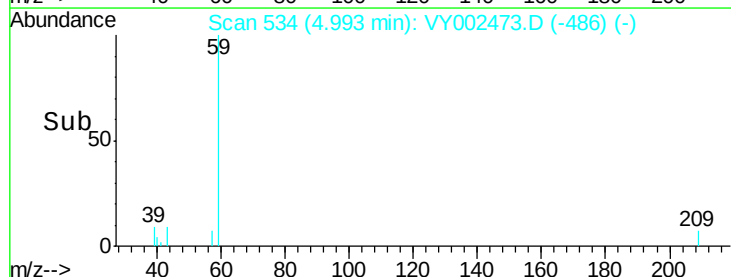
600

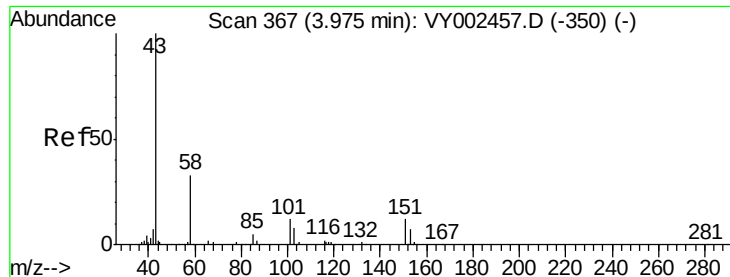
400

200

0

Time-->

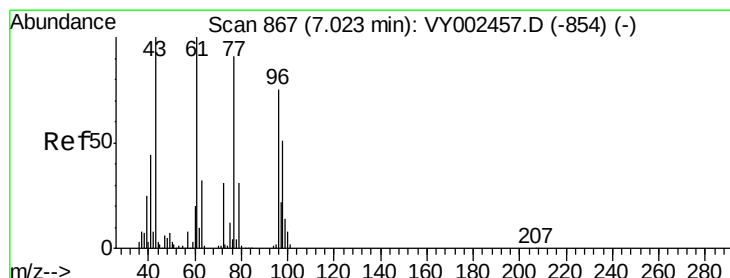
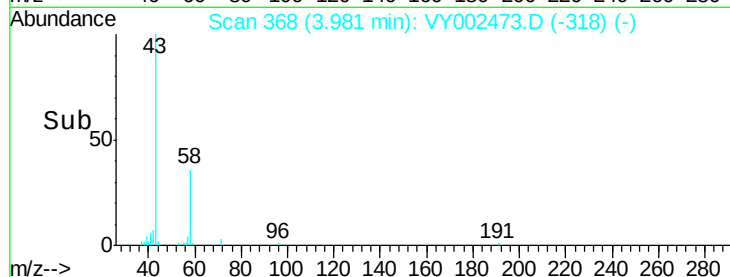
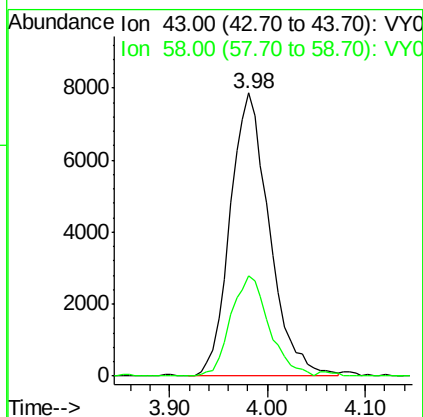
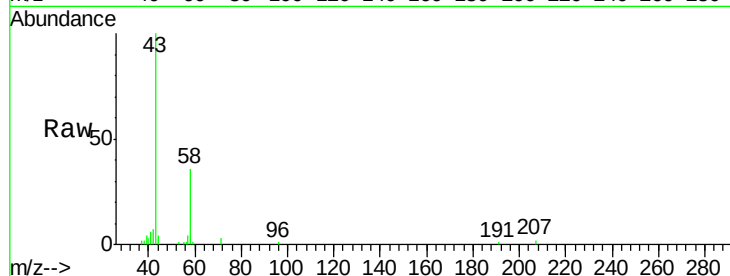




#16
Acetone
Concen: 57.663 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.01 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

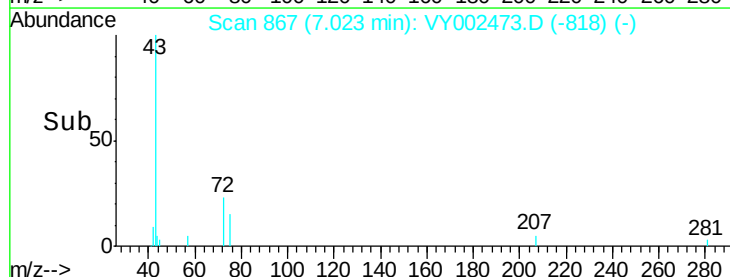
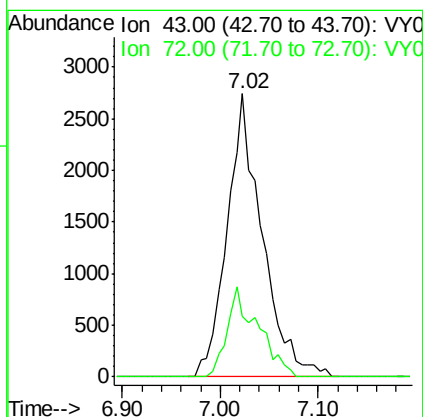
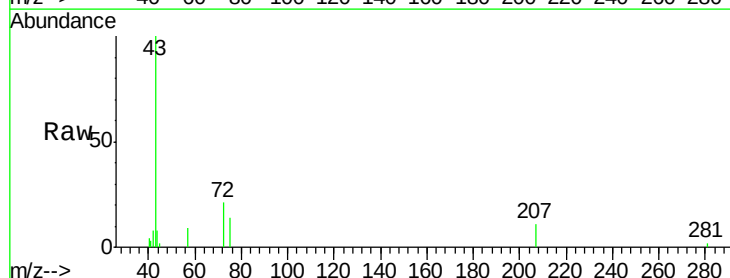
Instrument :
MSVOA_Y
ClientSampleId :
TP-16-(2-3)

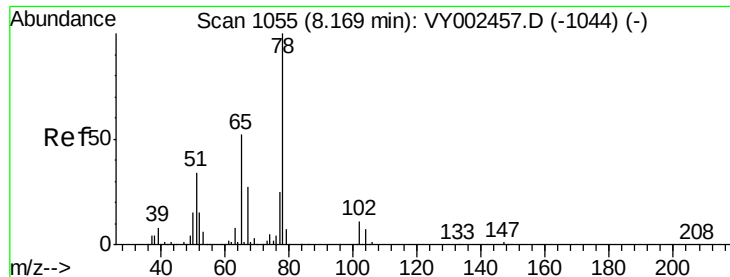
Tot Ion: 43 Resp: 21868
Ion Ratio Lower Upper
43 100
58 35.6 26.4 39.6



#25
2-Butanone
Concen: 11.714 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion: 43 Resp: 6806
Ion Ratio Lower Upper
43 100
72 21.4 24.8 37.2#

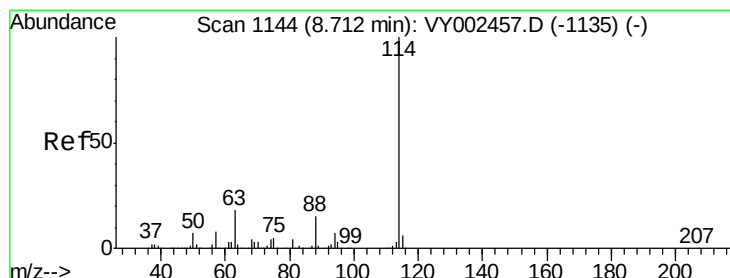
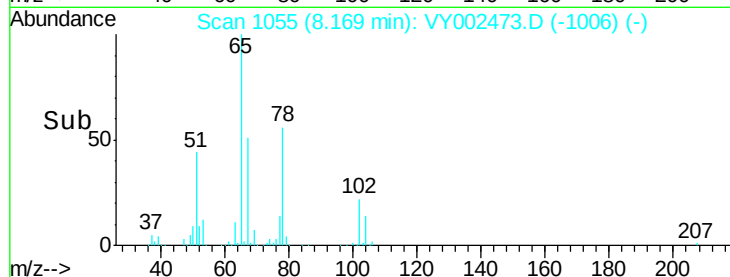
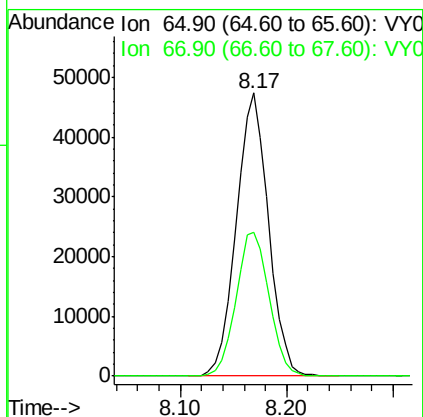
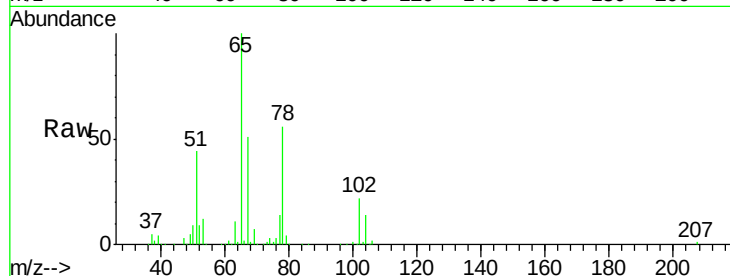




#33
 1,2-Dichloroethane-d4
 Concen: 55.199 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY002473.D
 Acq: 23 Apr 2020 20:23

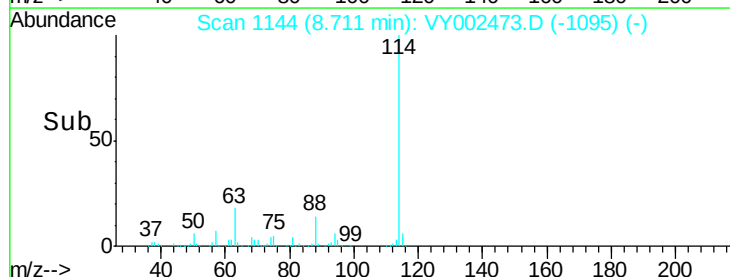
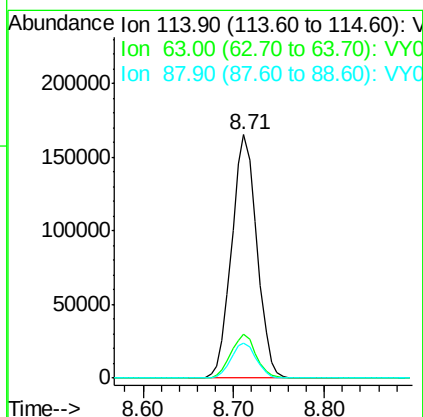
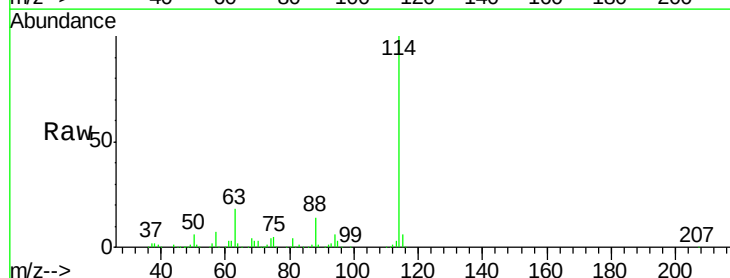
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-16-(2-3)

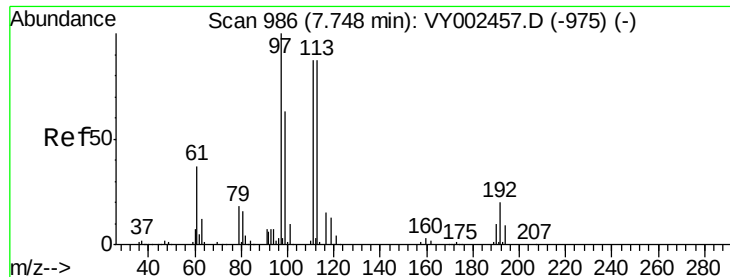
Tot Ion: 65 Resp: 100169
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY002473.D
 Acq: 23 Apr 2020 20:23

Tgt Ion: 114 Resp: 317719
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.6
 88 14.4 0.0 29.4

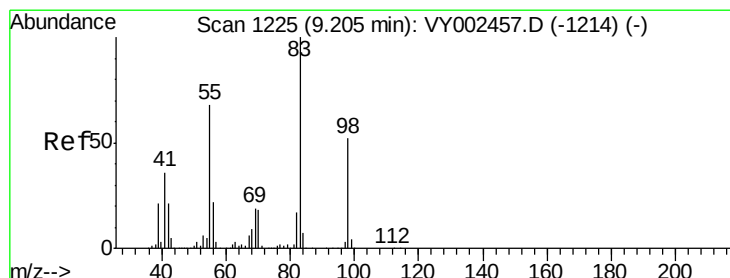
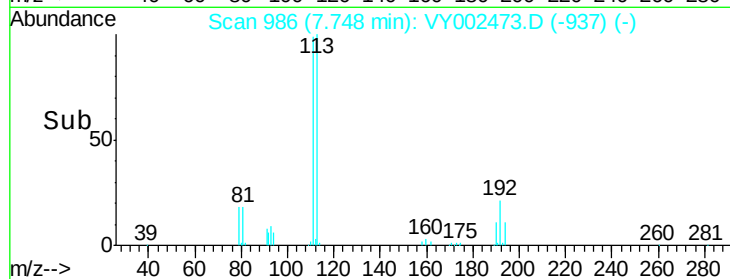
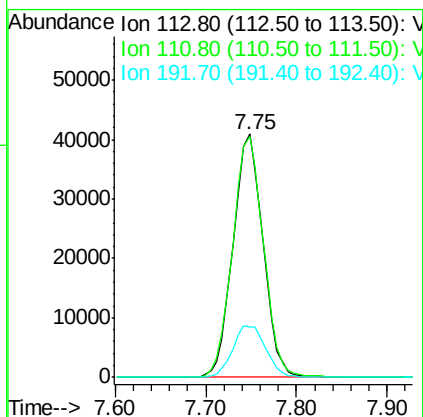
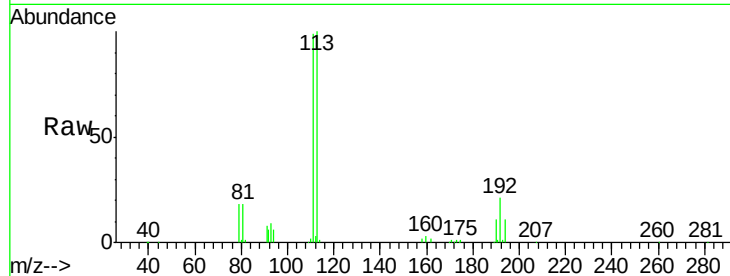




#35
 Dibromofluoromethane
 Concen: 52.502 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY002473.D
 Acq: 23 Apr 2020 20:23

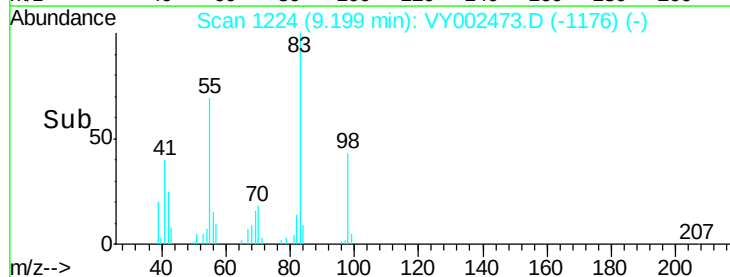
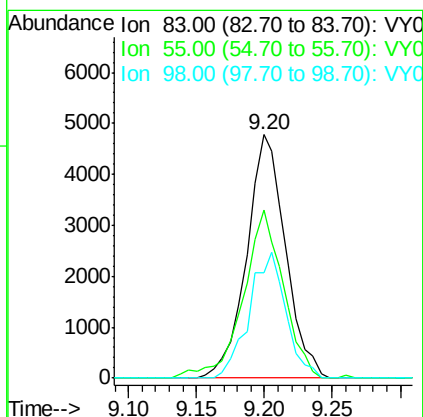
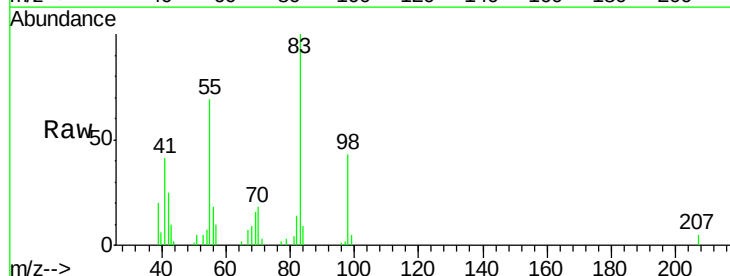
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-16-(2-3)

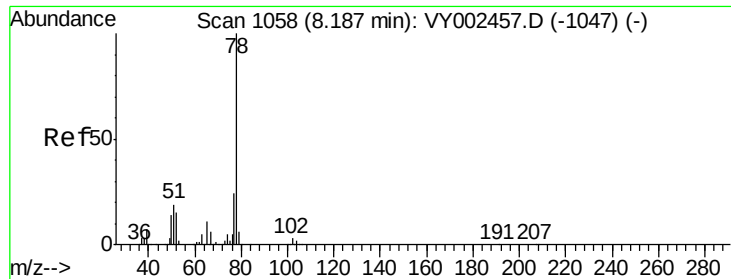
Tot Ion:113 Resp: 94089
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.0 121.4
 192 23.2 18.6 27.8



#39
 Methylcyclohexane
 Concen: 2.684 ug/l
 RT: 9.20 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VY002473.D
 Acq: 23 Apr 2020 20:23

Tgt Ion: 83 Resp: 9540
 Ion Ratio Lower Upper
 83 100
 55 68.8 54.2 81.2
 98 43.1 41.9 62.9





#40

Benzene

Concen: 14.264 ug/l

RT: 8.19 min Scan# 1058

Delta R.T. -0.00 min

Lab File: VY002473.D

Acq: 23 Apr 2020 20:23

Instrument :

MSVOA_Y

ClientSampleId :

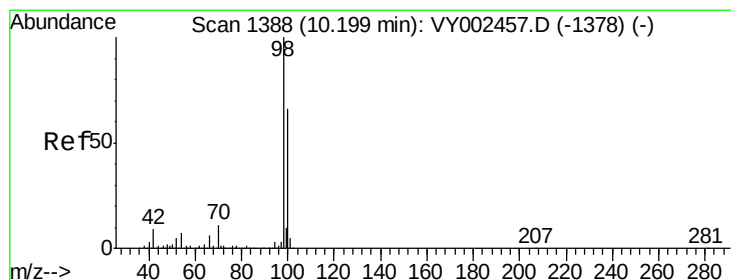
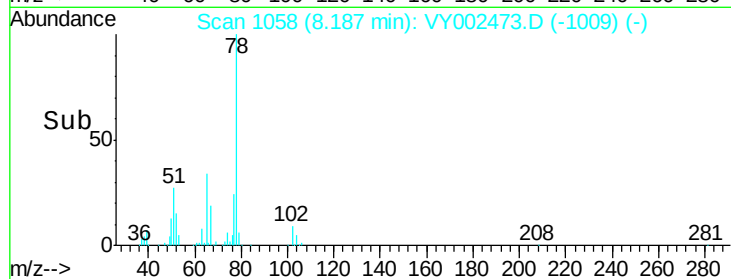
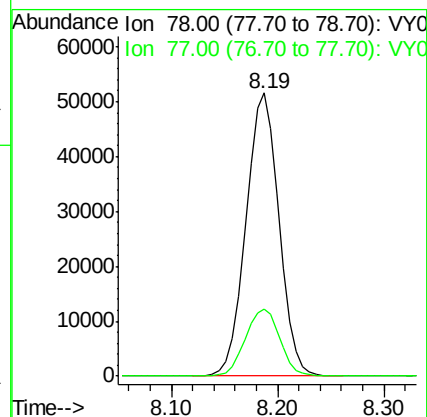
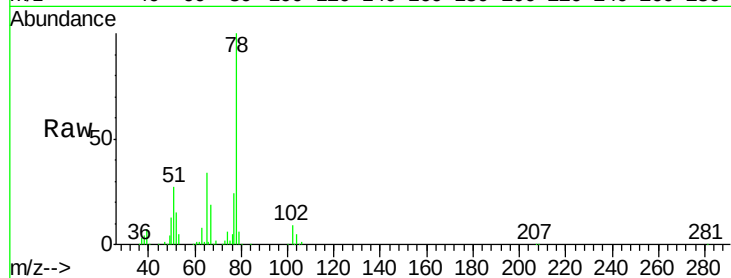
TP-16-(2-3)

Tot Ion: 78 Resp: 112315

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0



#50

Toluene-d8

Concen: 51.485 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY002473.D

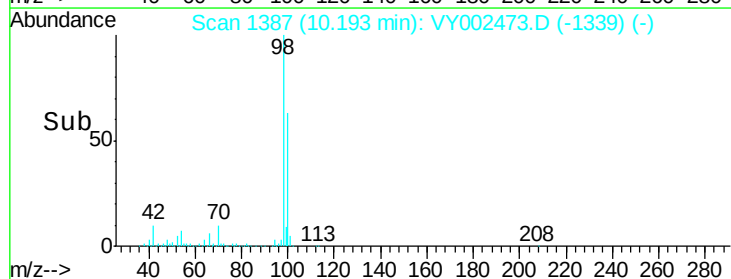
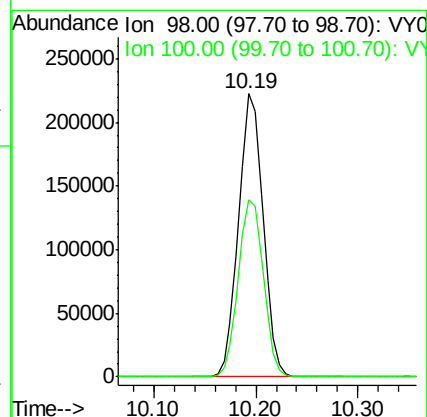
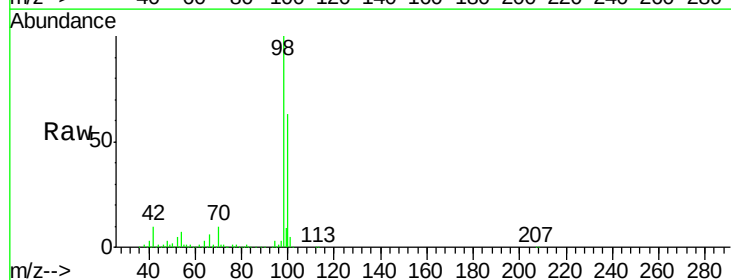
Acq: 23 Apr 2020 20:23

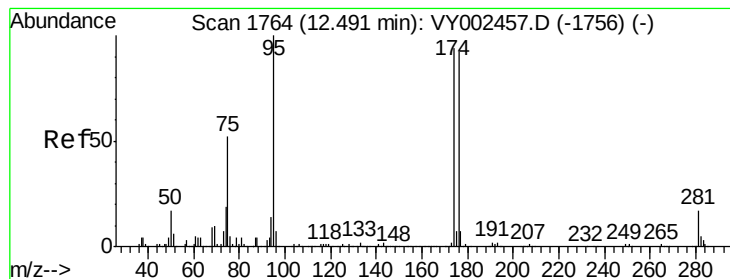
Tgt Ion: 98 Resp: 370841

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 46.255 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002473.D

Acq: 23 Apr 2020 20:23

Instrument :

MSVOA_Y

ClientSampleId :

TP-16-(2-3)

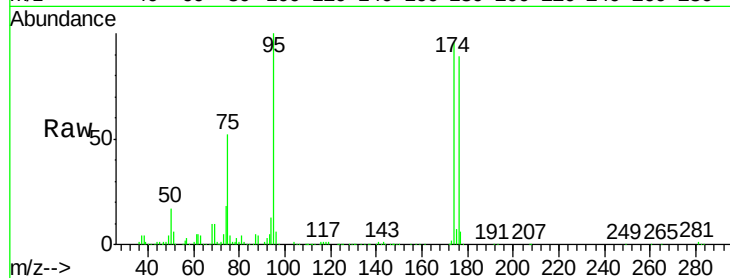
Tot Ion: 95 Resp: 111793

Ion Ratio Lower Upper

95 100

174 97.6 0.0 193.0

176 95.5 0.0 190.4



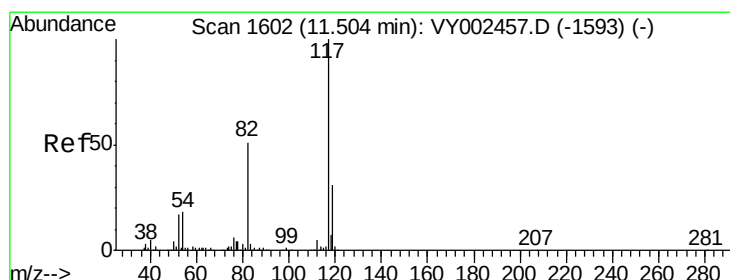
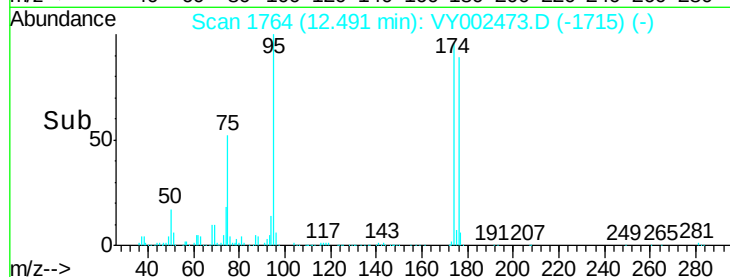
Abundance Ion 94.90 (94.60 to 95.60): VY002457.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY002457.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY002457.D (-1756) (-)

12.49

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. -0.00 min

Lab File: VY002473.D

Acq: 23 Apr 2020 20:23

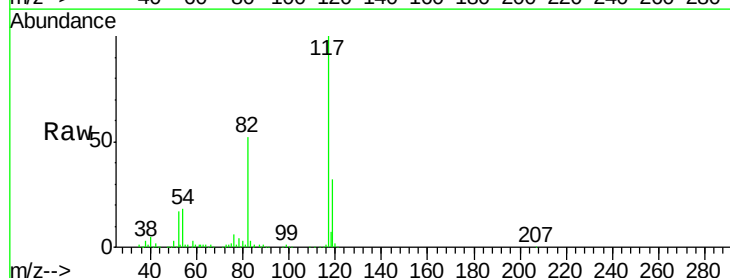
Tgt Ion: 117 Resp: 273709

Ion Ratio Lower Upper

117 100

82 52.2 40.8 61.2

119 32.1 25.2 37.8



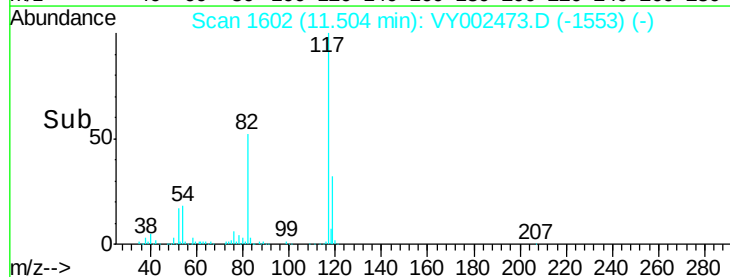
Abundance Ion 116.90 (116.60 to 117.60): VY002457.D (-1593) (-)

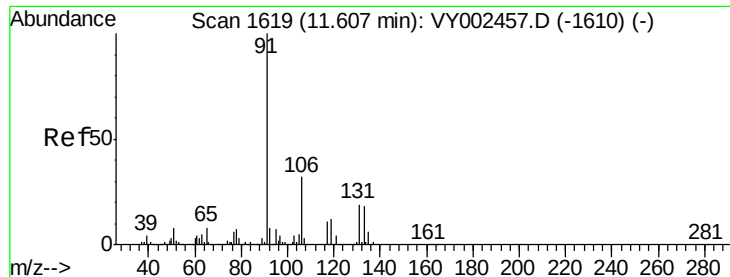
Ion 82.00 (81.70 to 82.70): VY002457.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY002457.D (-1593) (-)

11.50

Time-->

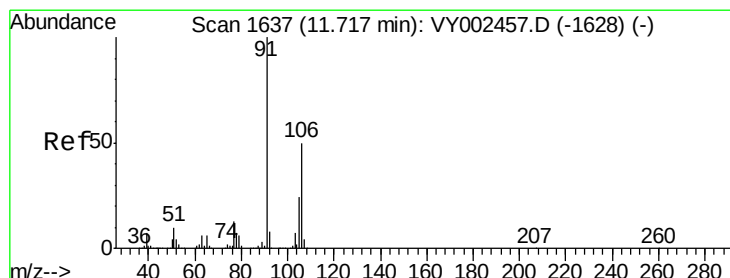
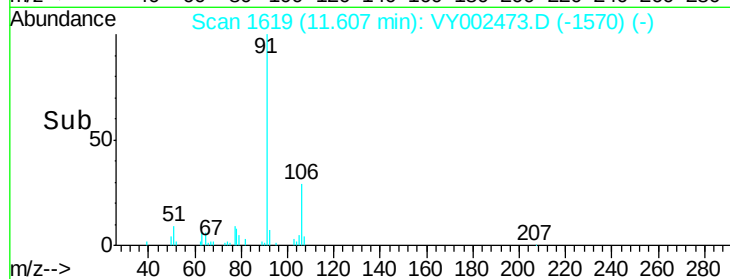
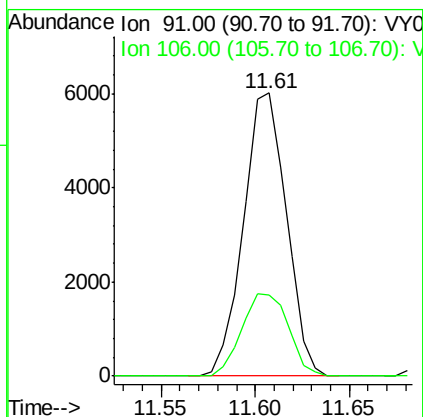
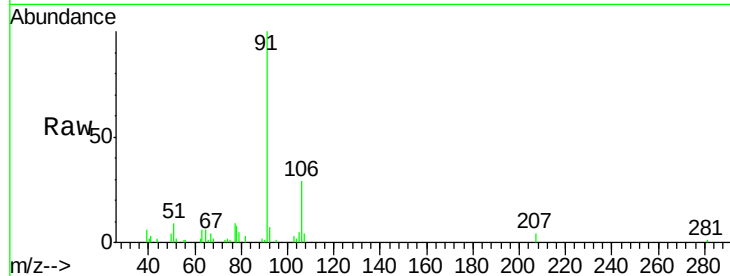




#67
Ethyl Benzene
Concen: 1.011 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

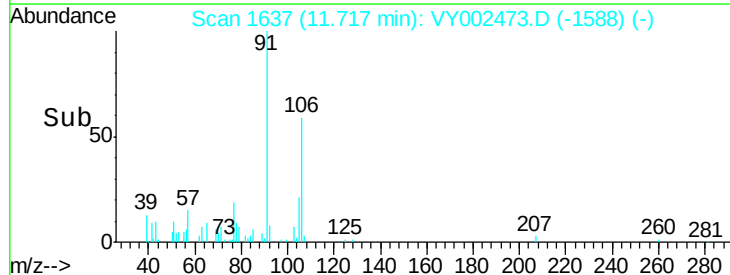
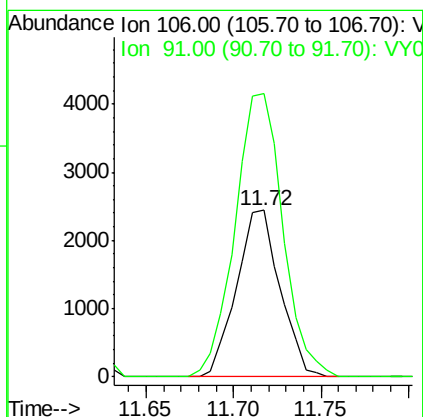
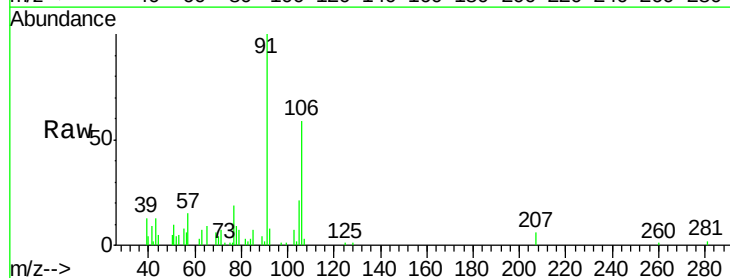
Instrument :
MSVOA_Y
ClientSampleId :
TP-16-(2-3)

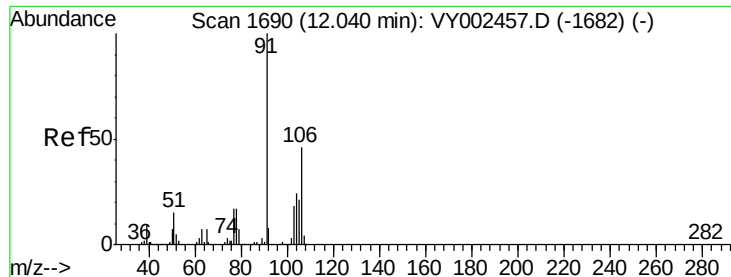
Tot Ion: 91 Resp: 9509
Ion Ratio Lower Upper
91 100
106 28.5 25.8 38.6



#68
m/p-Xylenes
Concen: 1.166 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion: 106 Resp: 4220
Ion Ratio Lower Upper
106 100
91 186.9 159.8 239.6

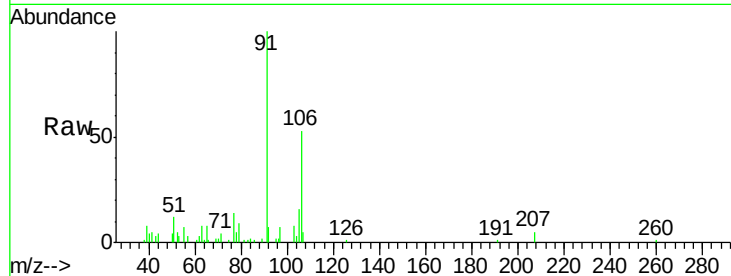




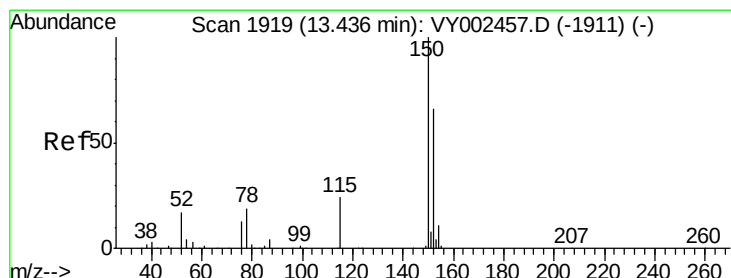
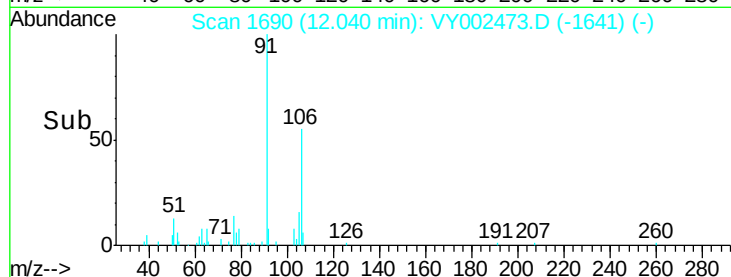
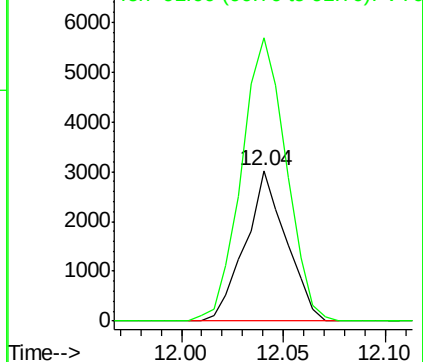
#69
o-Xylene
Concen: 1.262 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Instrument :
MSVOA_Y
ClientSampleId :
TP-16-(2-3)

Tot Ion:106 Resp: 4232
Ion Ratio Lower Upper
106 100
91 205.1 104.5 313.3

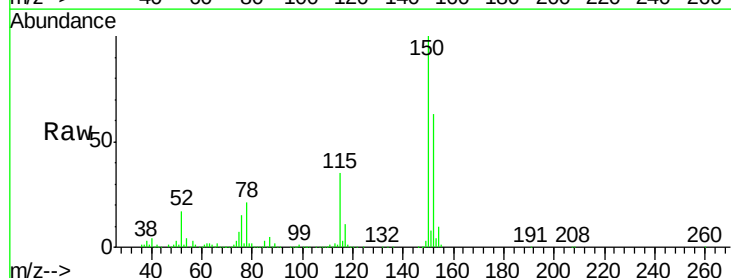


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

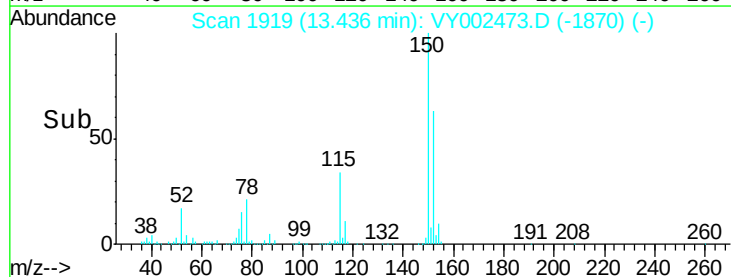
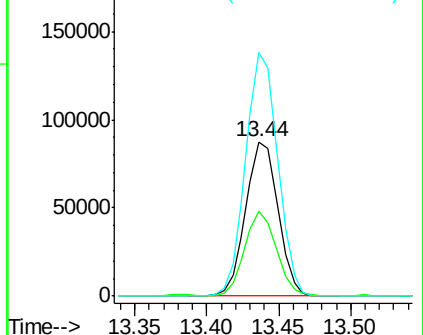


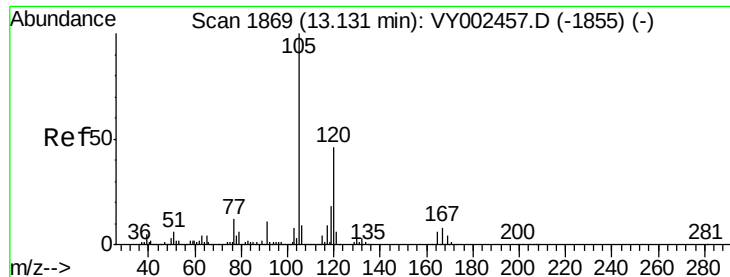
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002473.D
Acq: 23 Apr 2020 20:23

Tgt Ion:152 Resp: 136015
Ion Ratio Lower Upper
152 100
115 54.0 27.3 81.8
150 156.1 0.0 346.8



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

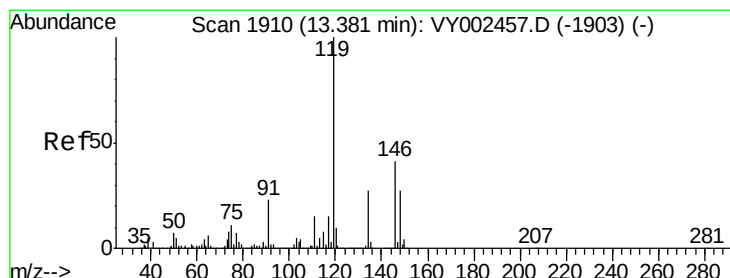
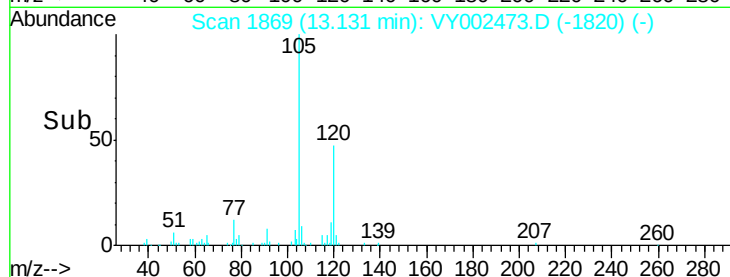
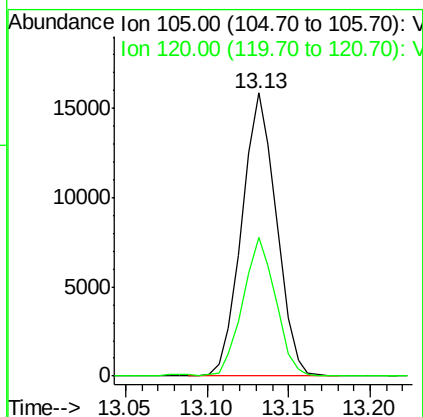
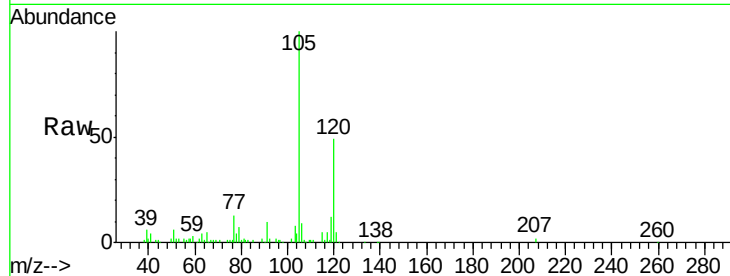




#84
 1,2,4-Trimethylbenzene
 Concen: 3.166 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VY002473.D
 Acq: 23 Apr 2020 20:23

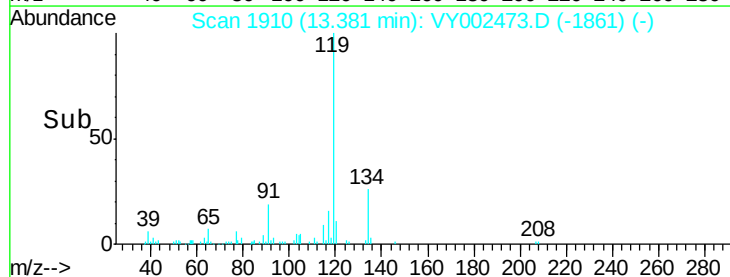
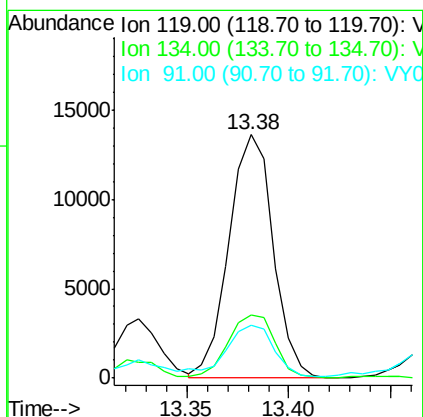
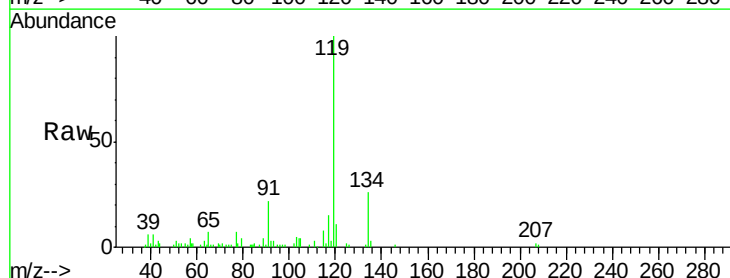
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-16-(2-3)

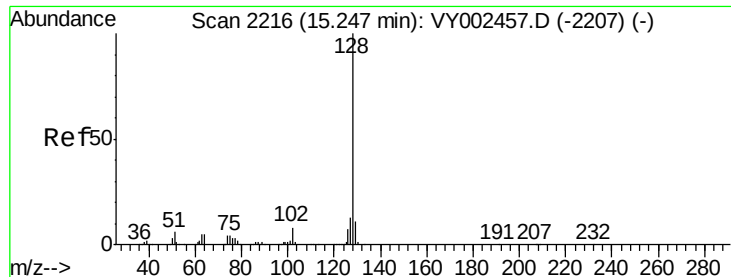
Tot Ion:105 Resp: 23441
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2



#86
 p-Isopropyltoluene
 Concen: 2.396 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. -0.00 min
 Lab File: VY002473.D
 Acq: 23 Apr 2020 20:23

Tgt Ion:119 Resp: 20501
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.5 40.5
 91 21.5 11.5 34.4





#95

Naphthalene

Concen: 422.890 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.01 min

Lab File: VY002473.D

Acq: 23 Apr 2020 20:23

Instrument :

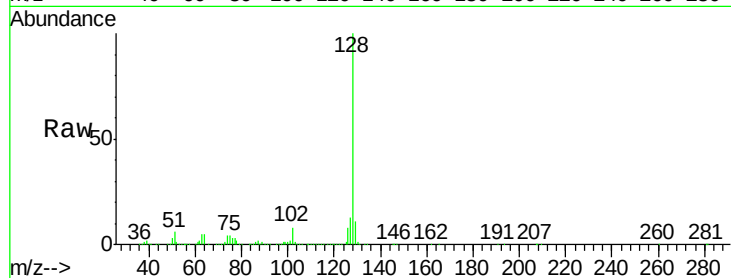
MSVOA_Y

ClientSampleId :

TP-16-(2-3)

Tot Ion:128 Resp: 2248580

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.0	8.8	13.2



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

