

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002190.D
 Acq On : 02 Apr 2020 14:31
 Operator : SY/MD
 Sample : L2135-03
 Misc : 7.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2E-(0-2)

Quant Time: Apr 03 04:04:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

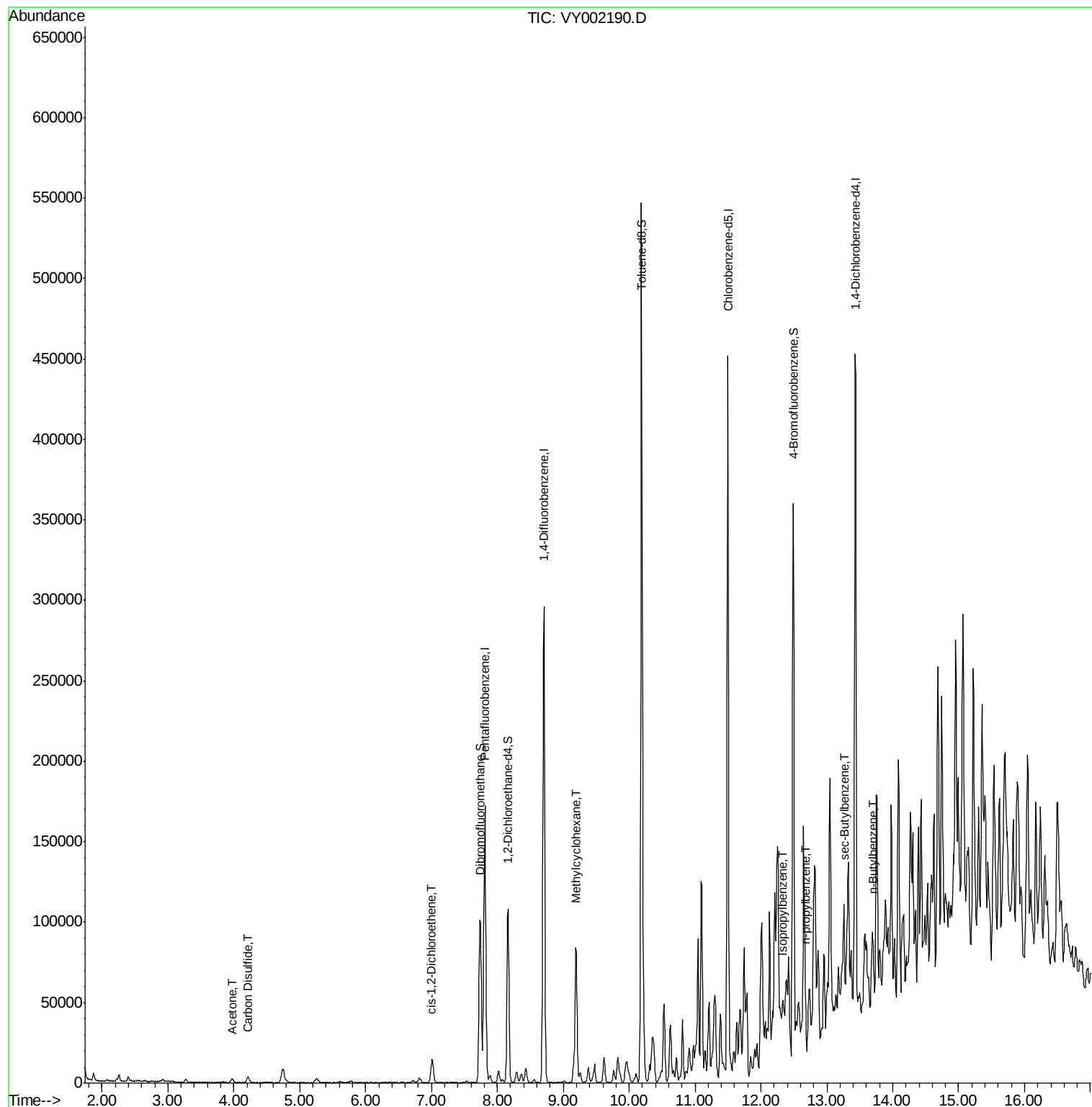
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	125097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	246432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	231216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	102958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	79623	57.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.16%	
35) Dibromofluoromethane	7.74	113	73145	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	10.19	98	307721	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.49	95	109482	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
Target Compounds						
16) Acetone	3.97	43	4244	10.923	ug/l	90
17) Carbon Disulfide	4.22	76	7458	1.656	ug/l	97
27) cis-1,2-Dichloroethene	7.01	96	8809	5.181	ug/l	89
39) Methylcyclohexane	9.19	83	35241	11.526	ug/l	97
73) Isopropylbenzene	12.33	105	8615	1.128	ug/l	94
78) n-propylbenzene	12.68	91	15764	1.663	ug/l	99
85) sec-Butylbenzene	13.26	105	35674	4.579	ug/l	90
89) n-Butylbenzene	13.70	91	22163	3.180	ug/l #	74

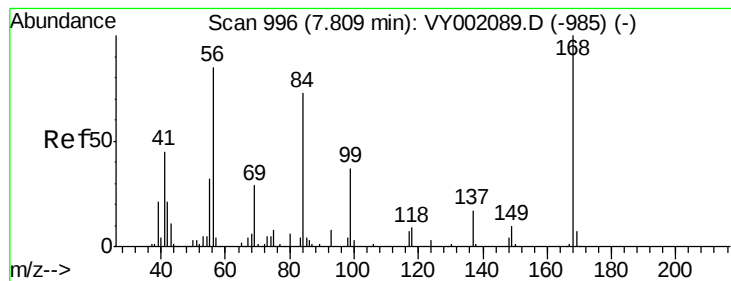
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002190.D

Acq: 02 Apr 2020 14:31

Instrument :

MSVOA_Y

ClientSampled :

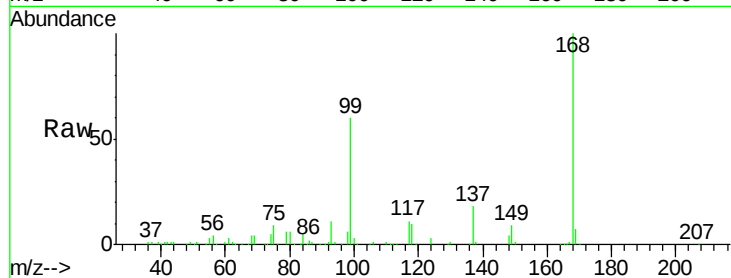
SB-2E-(0-2)

Tot Ion:168 Resp: 125097

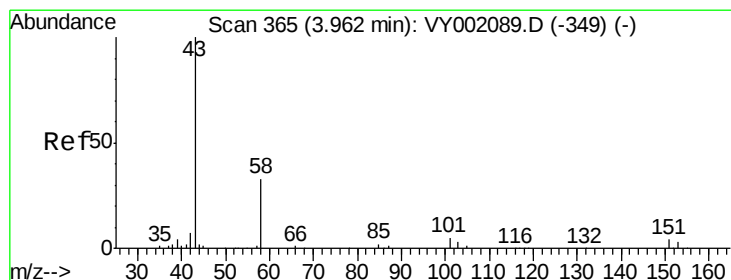
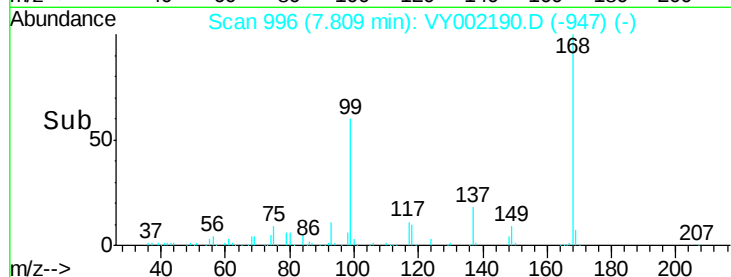
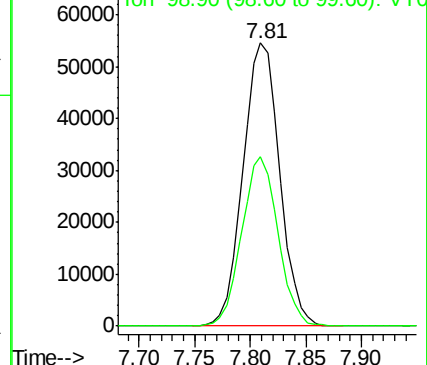
Ion Ratio Lower Upper

168 100

99 59.8 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002190.D (-947) (-)



#16

Acetone

Concen: 10.923 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002190.D

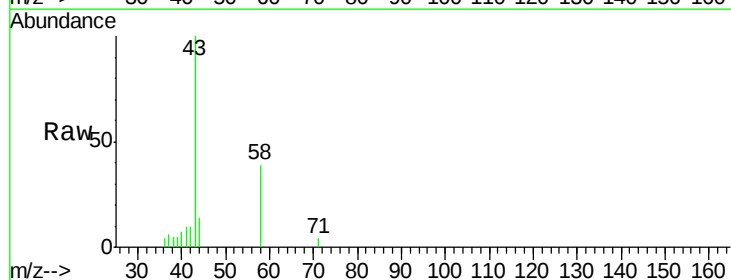
Acq: 02 Apr 2020 14:31

Tgt Ion: 43 Resp: 4244

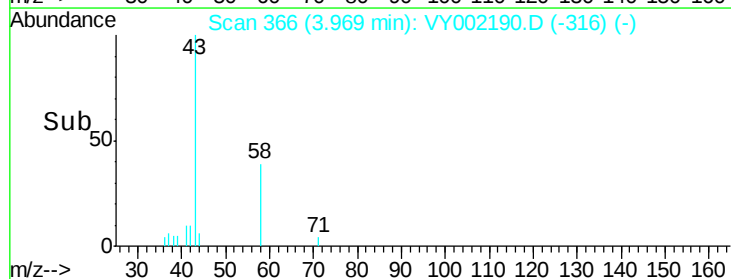
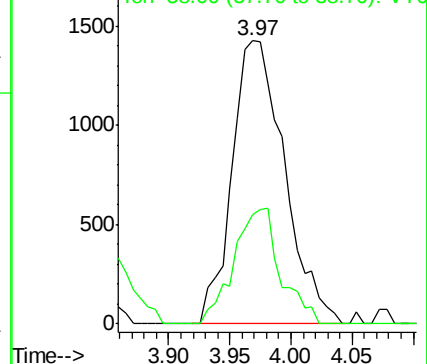
Ion Ratio Lower Upper

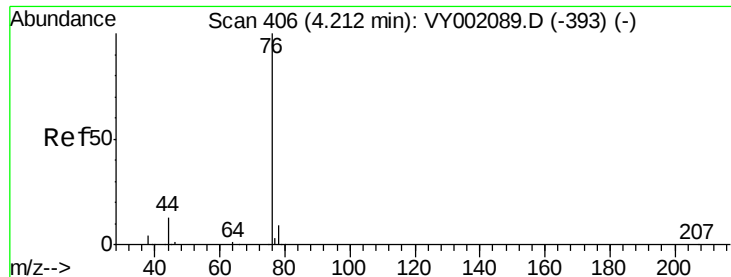
43 100

58 38.7 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002190.D (-316) (-)

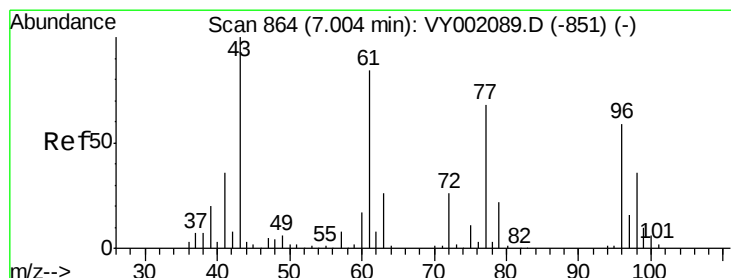
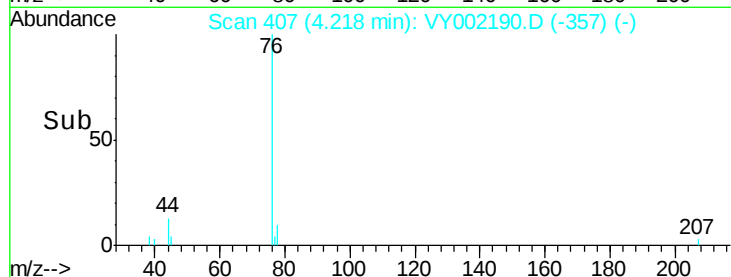
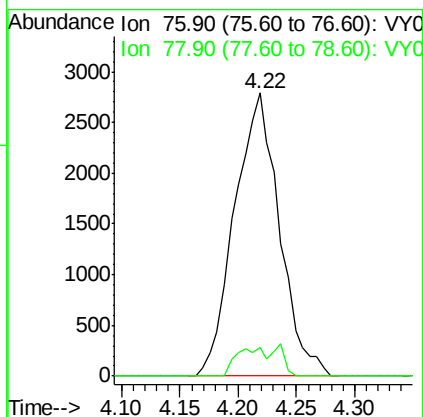
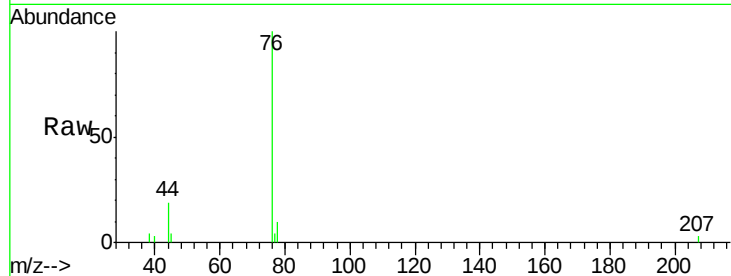




#17
Carbon Disulfide
Concen: 1.656 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002190.D
Acq: 02 Apr 2020 14:31

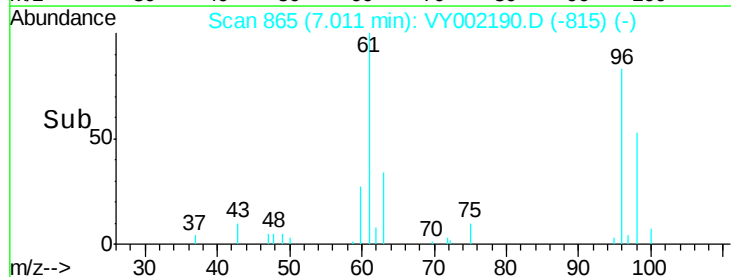
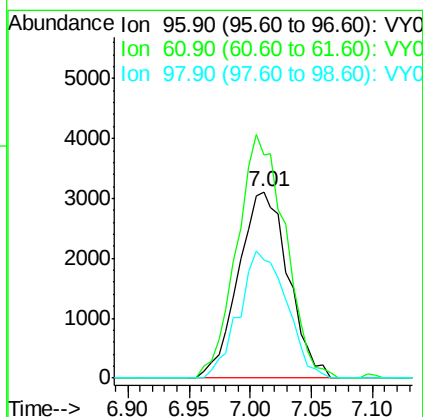
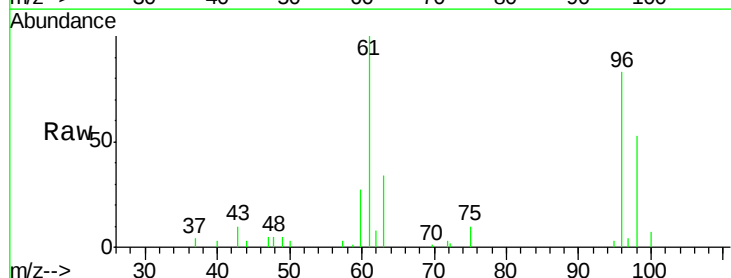
Instrument :
MSVOA_Y
ClientSampled :
SB-2E-(0-2)

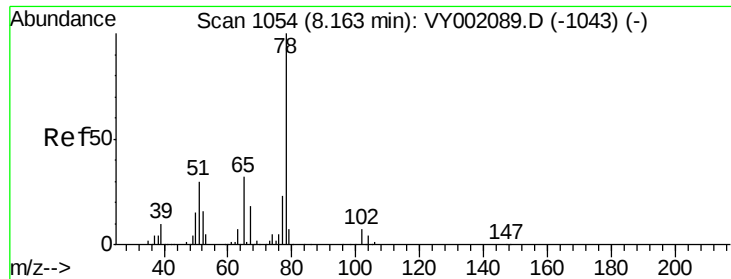
Tot Ion: 76 Resp: 7458
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#27
cis-1,2-Dichloroethene
Concen: 5.181 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002190.D
Acq: 02 Apr 2020 14:31

Tgt Ion: 96 Resp: 8809
Ion Ratio Lower Upper
96 100
61 126.7 0.0 290.6
98 64.9 0.0 128.0





#33

1,2-Dichloroethane-d4

Concen: 57.576 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002190.D

Acq: 02 Apr 2020 14:31

Instrument :

MSVOA_Y

ClientSampleId :

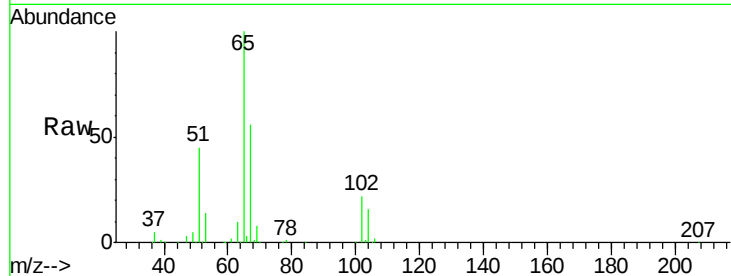
SB-2E-(0-2)

Tot Ion: 65 Resp: 79623

Ion Ratio Lower Upper

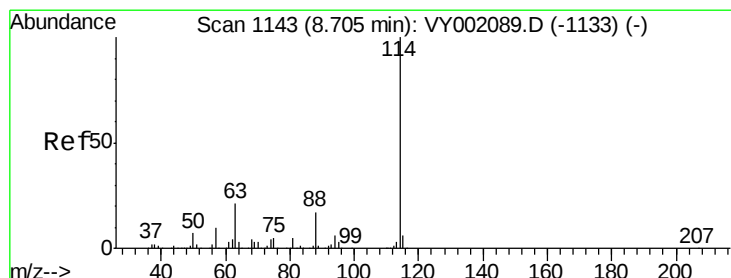
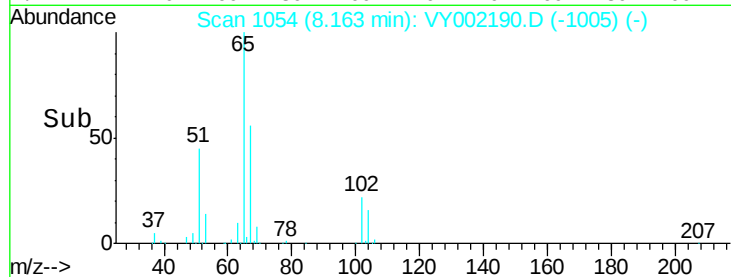
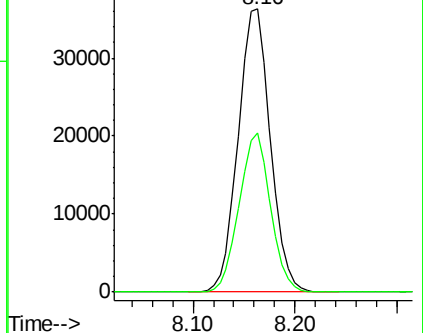
65 100

67 54.6 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY002190.D

Acq: 02 Apr 2020 14:31

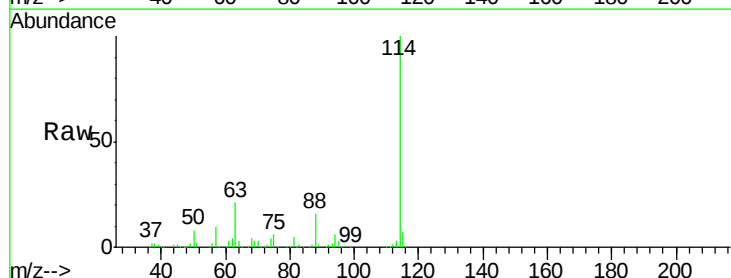
Tgt Ion: 114 Resp: 246432

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

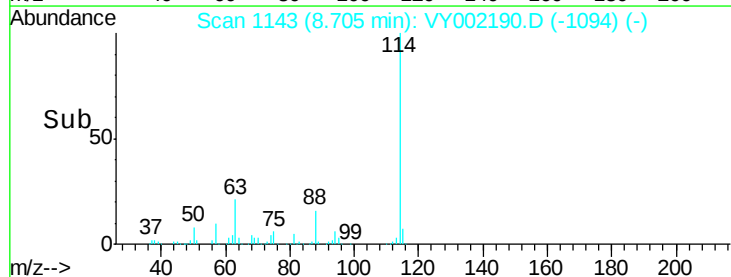
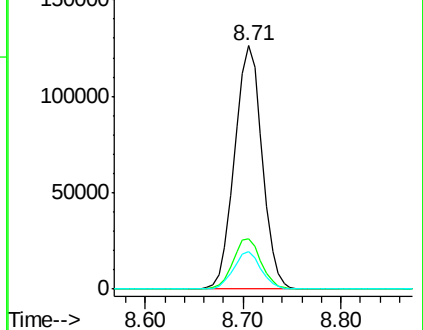
88 15.6 0.0 33.0

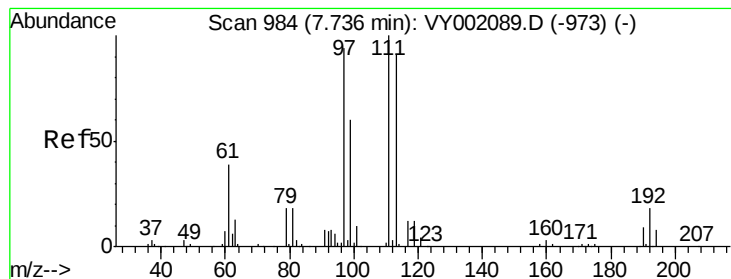


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 52.973 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002190.D

Acq: 02 Apr 2020 14:31

Instrument :

MSVOA_Y

ClientSampleId :

SB-2E-(0-2)

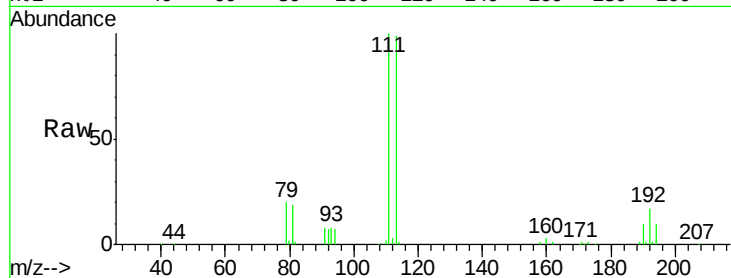
Tot Ion:113 Resp: 73145

Ion Ratio Lower Upper

113 100

111 103.2 84.4 126.6

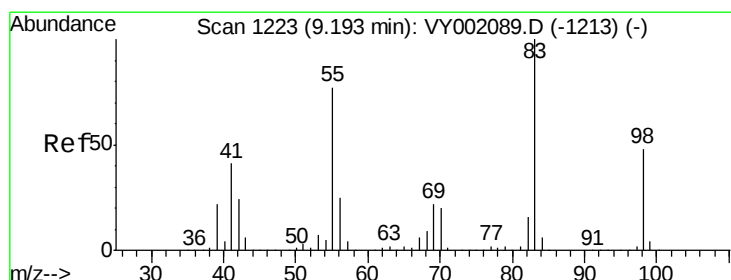
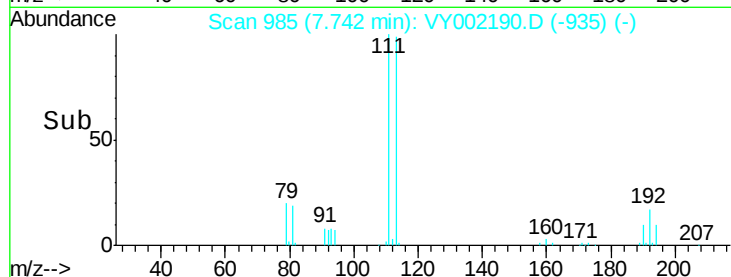
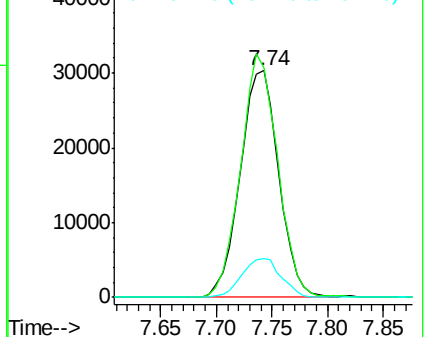
192 17.4 14.6 21.8



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



#39

Methylcyclohexane

Concen: 11.526 ug/l

RT: 9.19 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VY002190.D

Acq: 02 Apr 2020 14:31

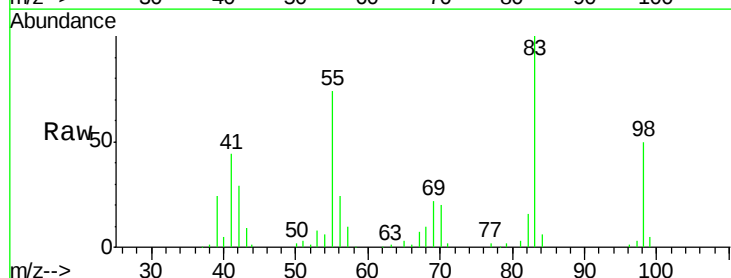
Tgt Ion: 83 Resp: 35241

Ion Ratio Lower Upper

83 100

55 73.8 61.2 91.8

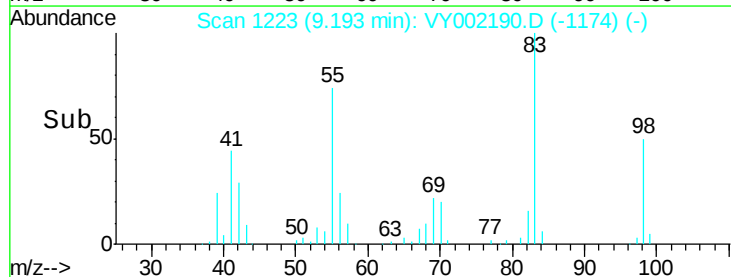
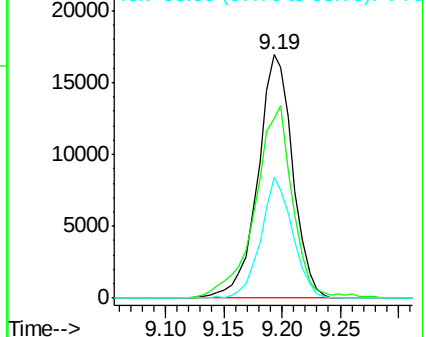
98 49.8 38.2 57.2

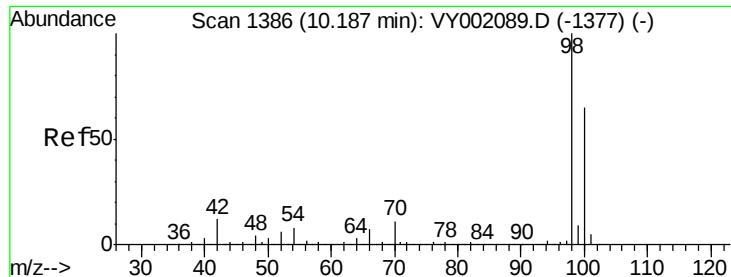


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0

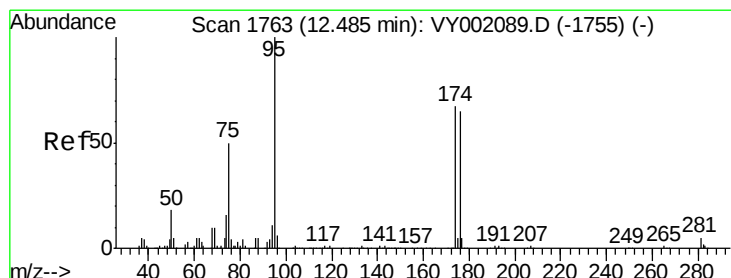
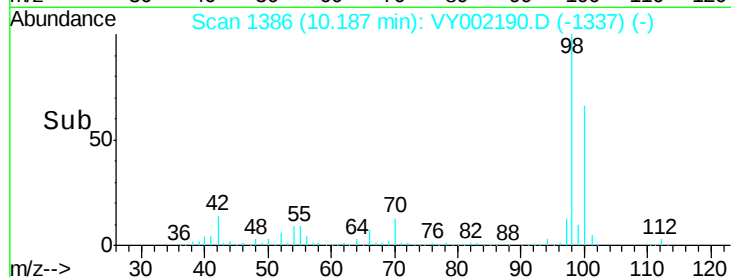
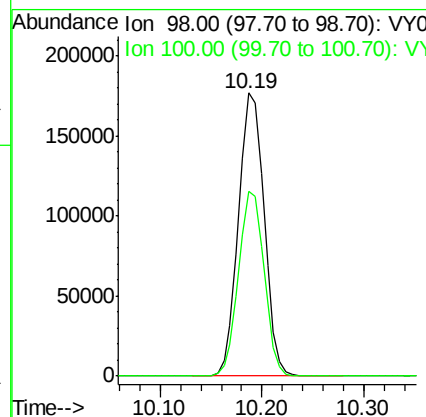
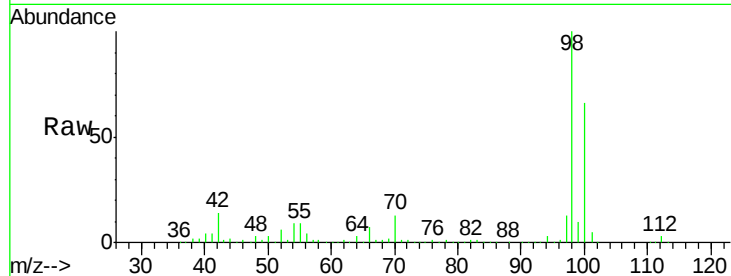




#50
Toluene-d8
Concen: 53.646 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002190.D
Acq: 02 Apr 2020 14:31

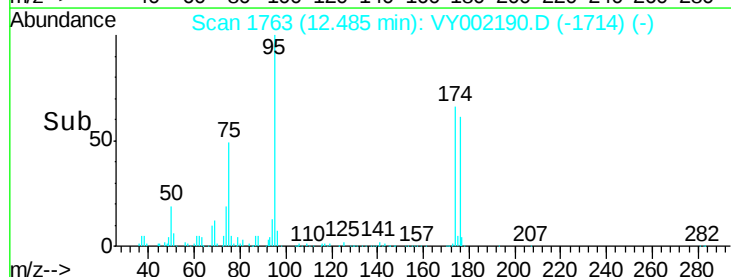
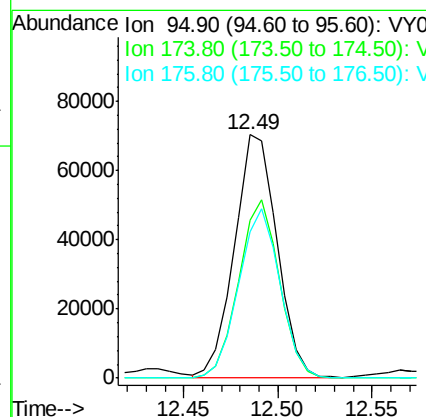
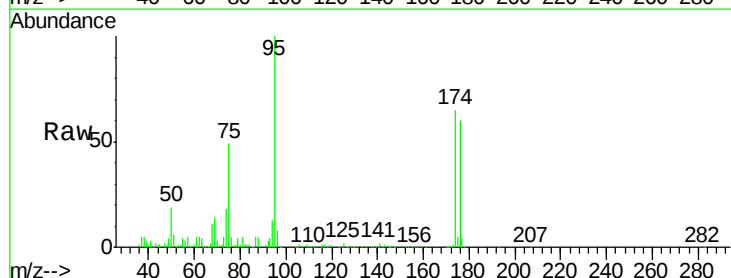
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SB-2E-(0-2)

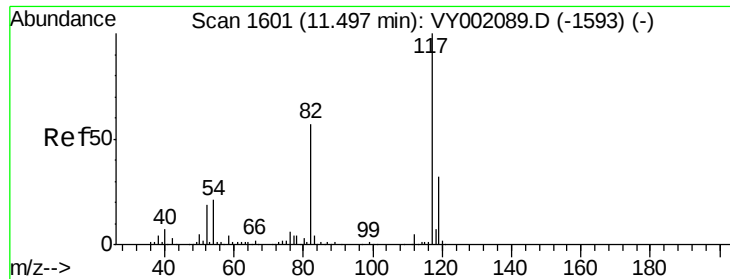
Tot Ion: 98 Resp: 307721
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 54.574 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002190.D
Acq: 02 Apr 2020 14:31

Tgt Ion: 95 Resp: 109482
Ion Ratio Lower Upper
95 100
174 70.7 0.0 143.4
176 67.9 0.0 137.0

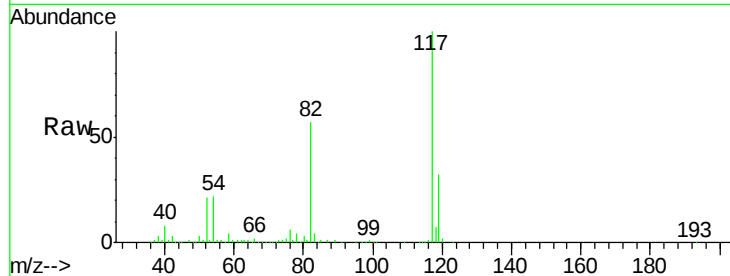




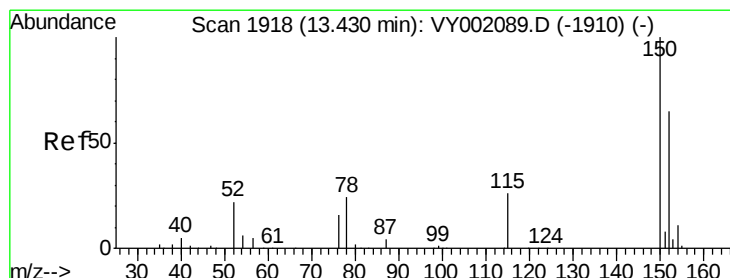
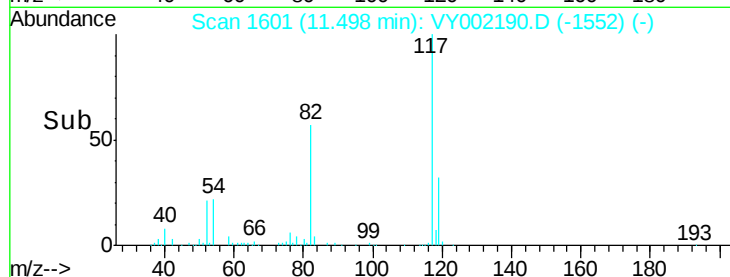
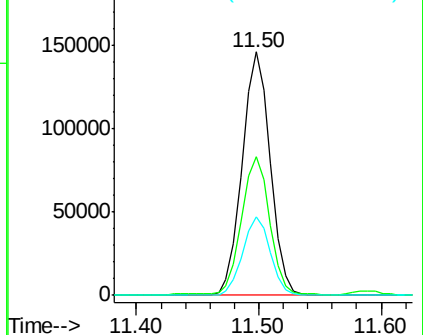
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002190.D
Acq: 02 Apr 2020 14:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-2E-(0-2)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.4	68.2
119	32.3	25.3	37.9

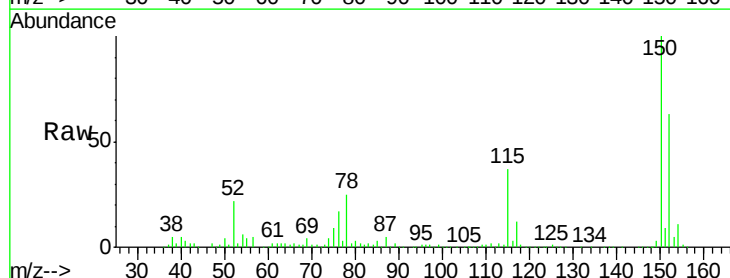


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

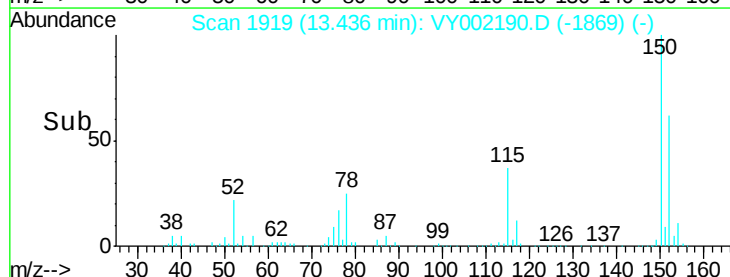
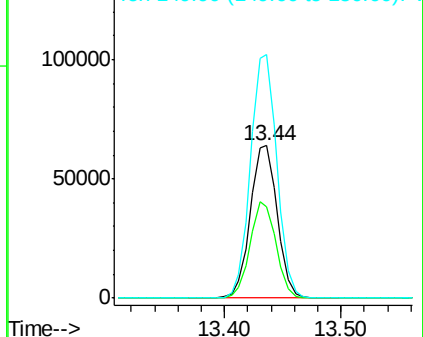


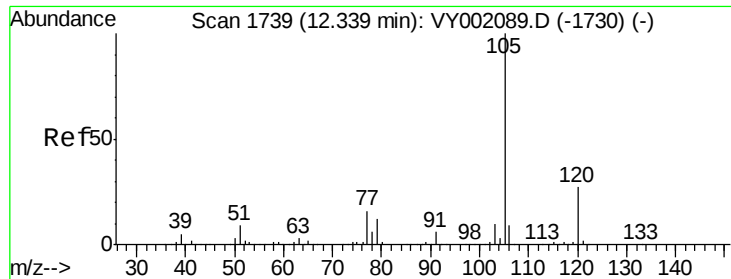
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002190.D
Acq: 02 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.2	93.6
150	157.0	0.0	354.8



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





#73

Isopropylbenzene

Concen: 1.128 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002190.D

Acq: 02 Apr 2020 14:31

Instrument :

MSVOA_Y

ClientSampleId :

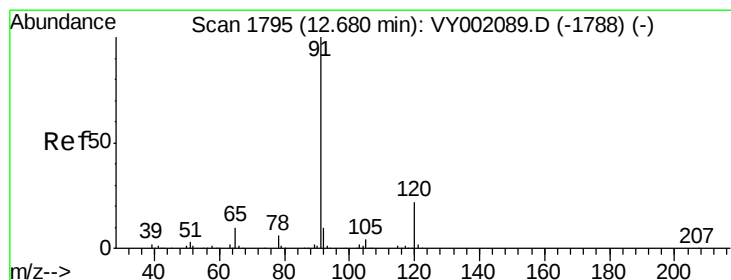
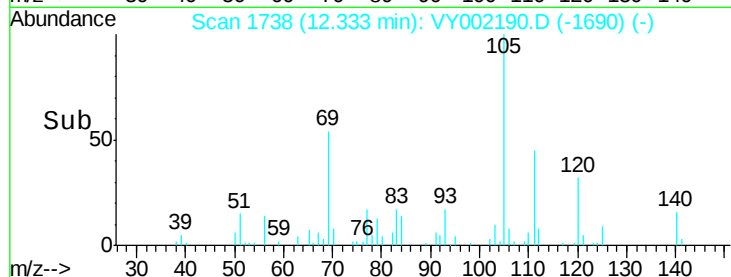
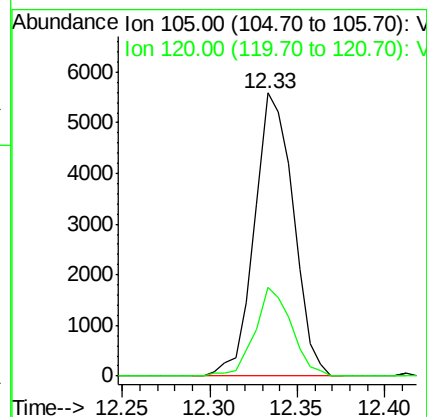
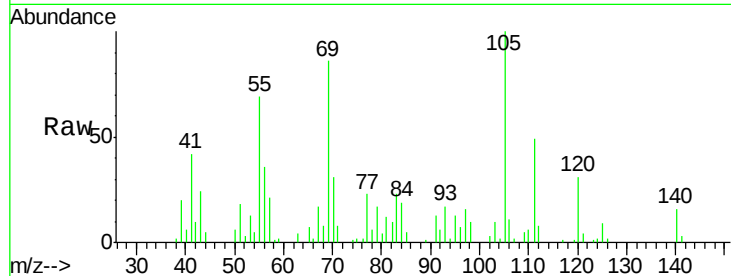
SB-2E-(0-2)

Tot Ion:105 Resp: 8615

Ion Ratio Lower Upper

105 100

120 29.4 13.3 39.8



#78

n-propylbenzene

Concen: 1.663 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002190.D

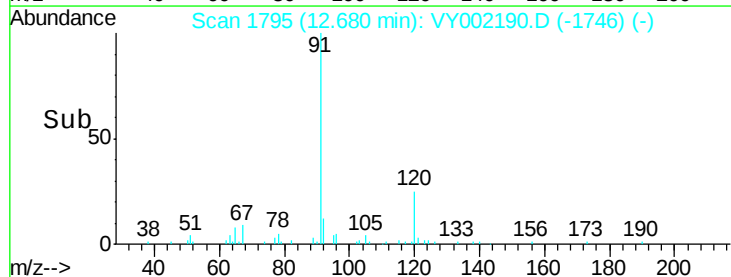
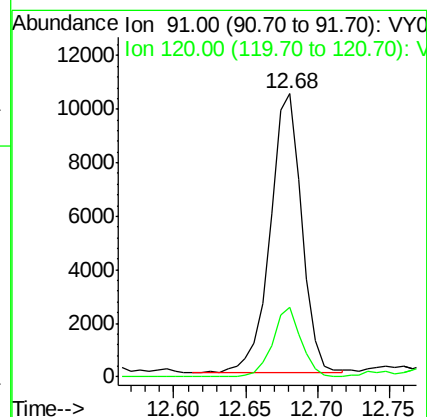
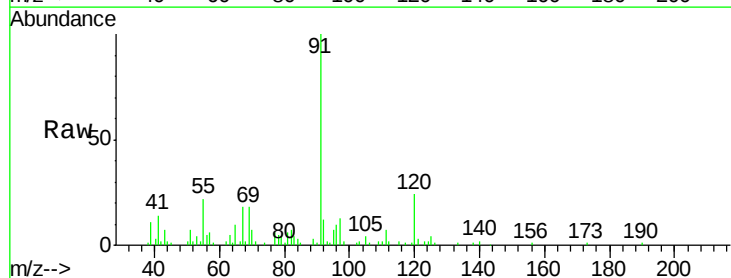
Acq: 02 Apr 2020 14:31

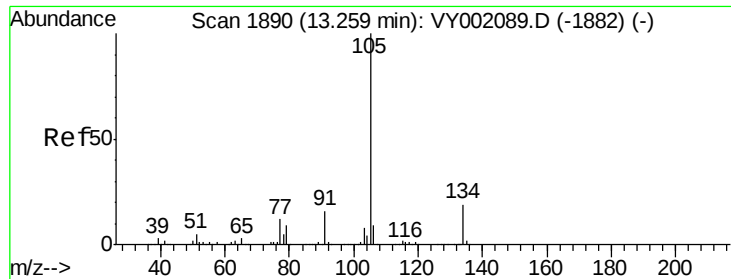
Tgt Ion: 91 Resp: 15764

Ion Ratio Lower Upper

91 100

120 22.5 11.1 33.1





#85

sec-Butylbenzene

Concen: 4.579 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002190.D

Acq: 02 Apr 2020 14:31

Instrument :

MSVOA_Y

ClientSampled :

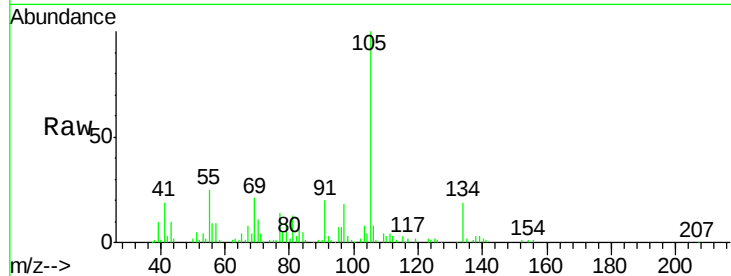
SB-2E-(0-2)

Tot Ion:105 Resp: 35674

Ion Ratio Lower Upper

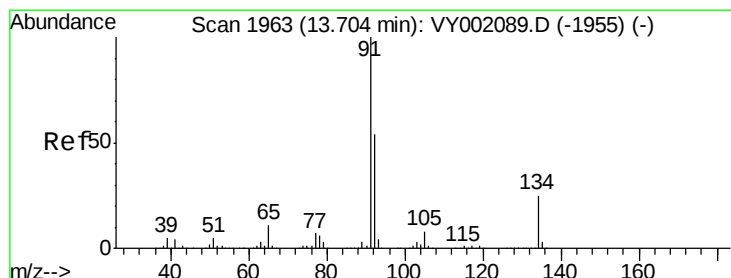
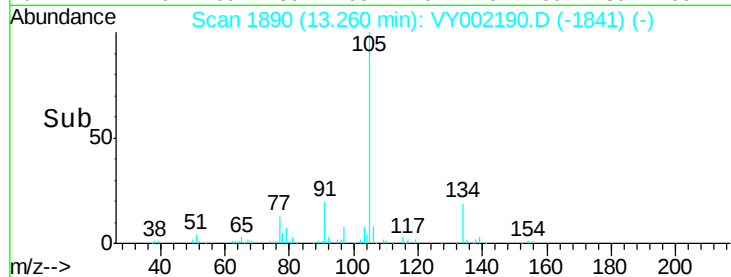
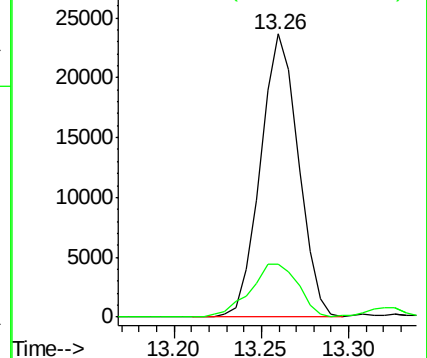
105 100

134 23.9 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 3.180 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY002190.D

Acq: 02 Apr 2020 14:31

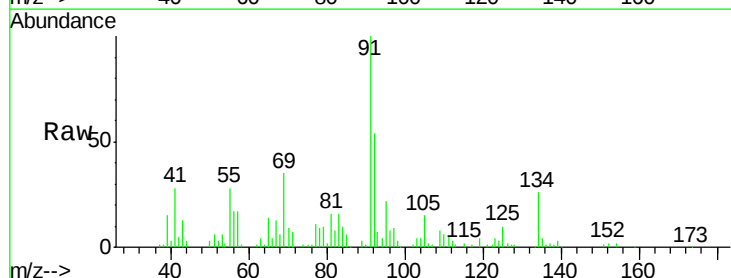
Tgt Ion: 91 Resp: 22163

Ion Ratio Lower Upper

91 100

92 46.4 27.0 81.0

134 53.5 12.3 36.8#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): V

