

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020320\
 Data File : VY001469.D
 Acq On : 03 Feb 2020 13:15
 Operator : SY/MD
 Sample : L1346-03
 Misc : 7.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PD-2-(35-36)

Quant Time: Feb 03 13:58:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	221628	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	410023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	366929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	167393	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	123277	51.12	ug/l	0.00
Spiked Amount						
			Recovery	=	102.24%	
35) Dibromofluoromethane	7.74	113	121197	50.36	ug/l	-0.01
Spiked Amount						
			Recovery	=	100.72%	
50) Toluene-d8	10.19	98	486417	52.03	ug/l	0.00
Spiked Amount						
			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.49	95	190691	51.22	ug/l	0.00
Spiked Amount						
			Recovery	=	102.44%	

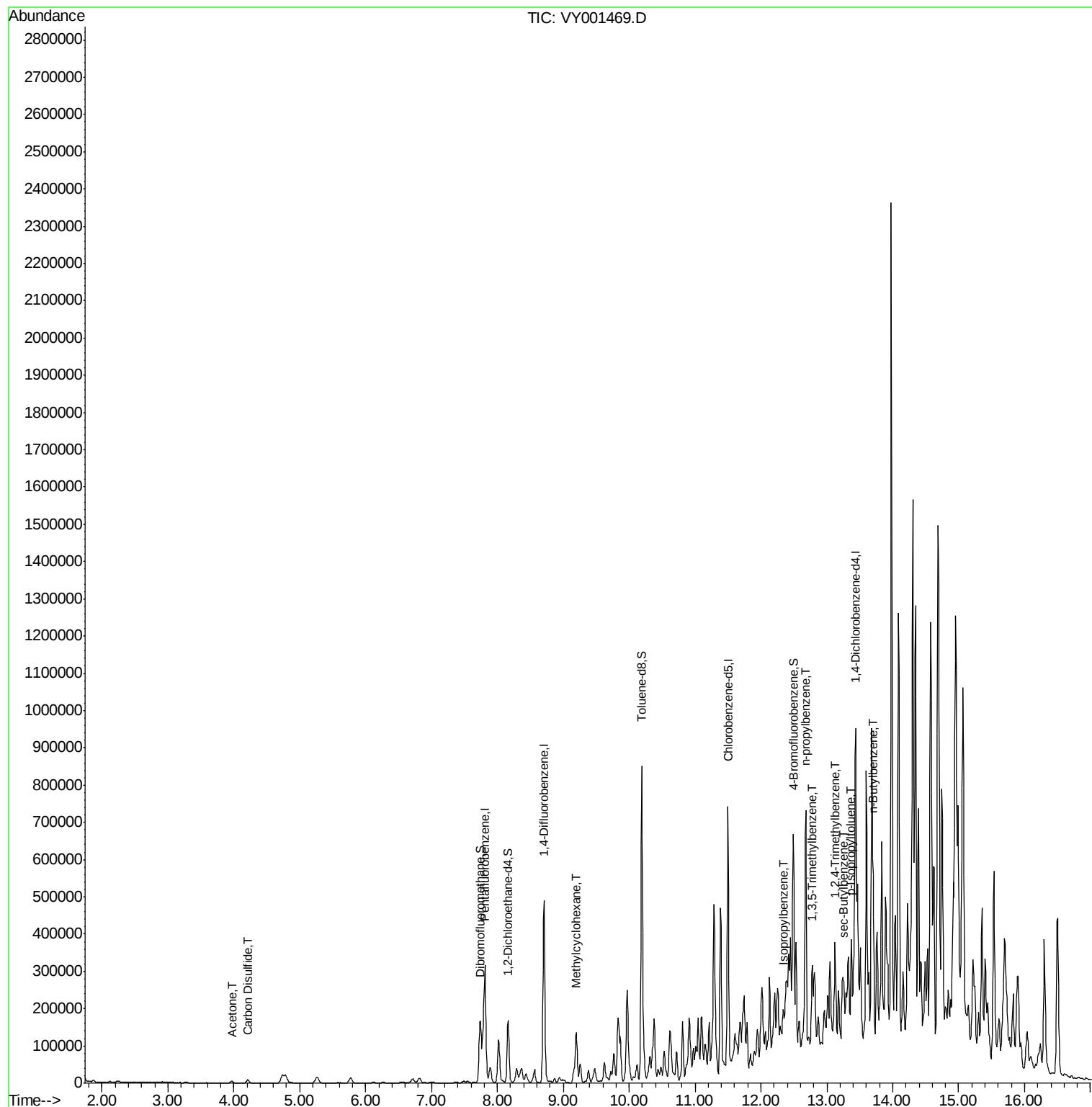
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.97	43	7609	4.535	ug/l	91
17) Carbon Disulfide	4.21	76	17856	2.413	ug/l	98
39) Methylcyclohexane	9.20	83	47941	9.661	ug/l	96
73) Isopropylbenzene	12.34	105	60528	4.582	ug/l	100
78) n-propylbenzene	12.68	91	465732	29.294	ug/l	98
80) 1,3,5-Trimethylbenzene	12.78	105	134927	12.238	ug/l	73
84) 1,2,4-Trimethylbenzene	13.13	105	132089	11.933	ug/l	100
85) sec-Butylbenzene	13.26	105	77642	5.880	ug/l #	48
86) p-Isopropyltoluene	13.38	119	33105	2.845	ug/l	97
89) n-Butylbenzene	13.70	91	264149	22.556	ug/l #	75

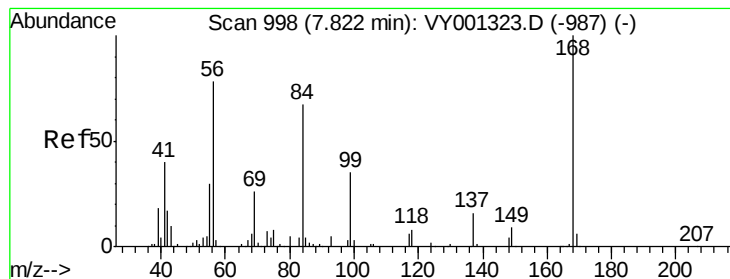
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020320\
Data File : VY001469.D
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Quant Time: Feb 03 13:58:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 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: VY001469.D

Acq: 03 Feb 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

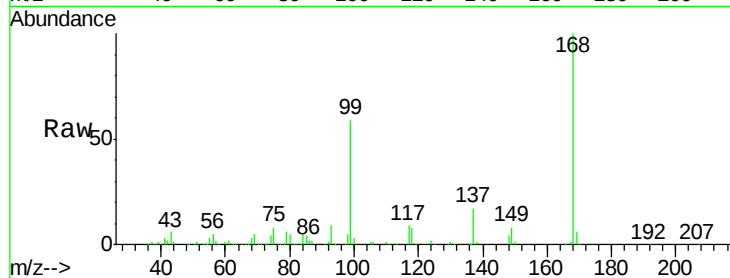
PD-2-(35-36)

Tot Ion:168 Resp: 221628

Ion Ratio Lower Upper

168 100

99 59.3 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001469.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001469.D (-949) (-)

7.81

100000

80000

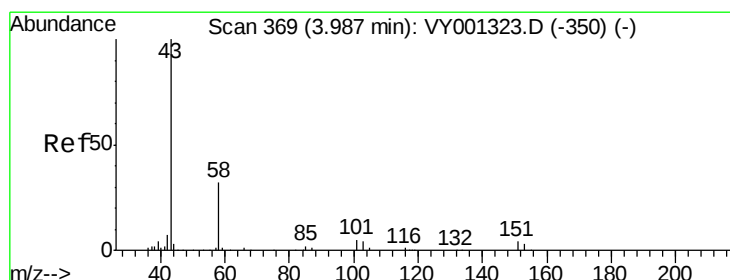
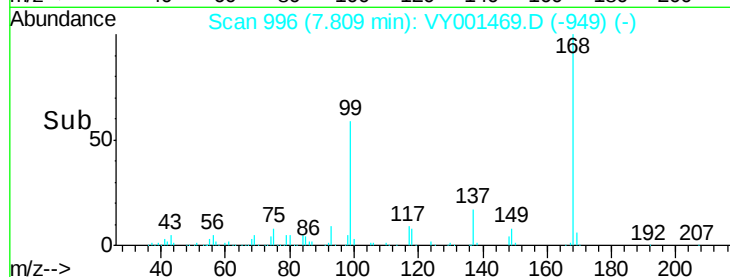
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 4.535 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.01 min

Lab File: VY001469.D

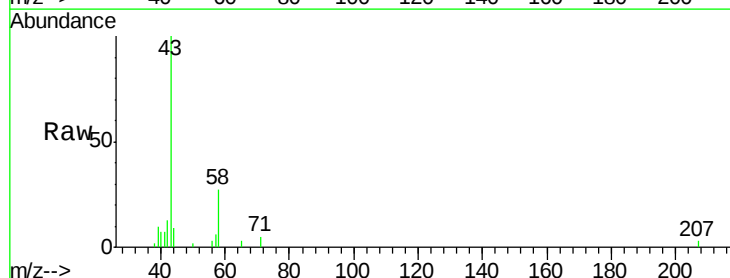
Acq: 03 Feb 2020 13:15

Tgt Ion: 43 Resp: 7609

Ion Ratio Lower Upper

43 100

58 26.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001469.D (-320) (-)

Ion 58.00 (57.70 to 58.70): VY001469.D (-320) (-)

3.97

3000

2500

2000

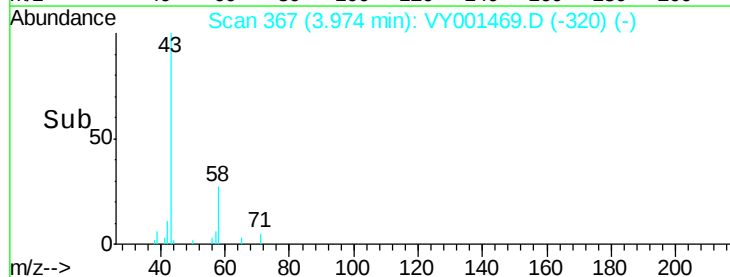
1500

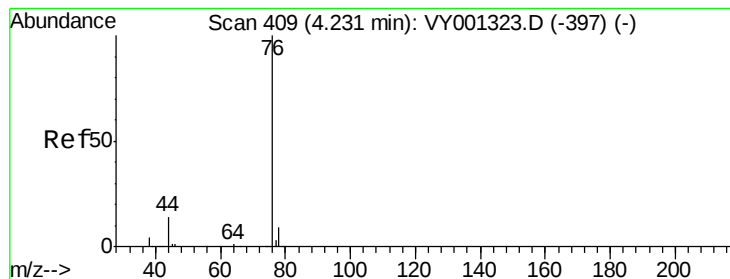
1000

500

0

Time-->





#17

Carbon Disulfide

Concen: 2.413 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.02 min

Lab File: VY001469.D

Acq: 03 Feb 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

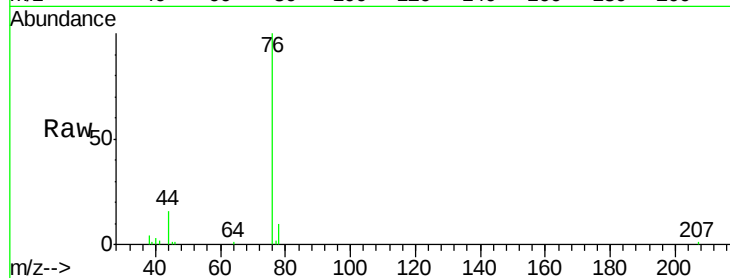
PD-2-(35-36)

Tot Ion: 76 Resp: 17856

Ion Ratio Lower Upper

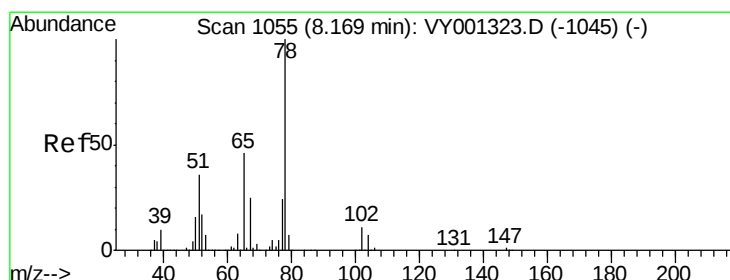
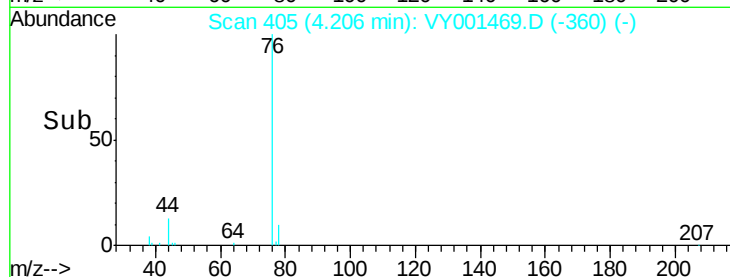
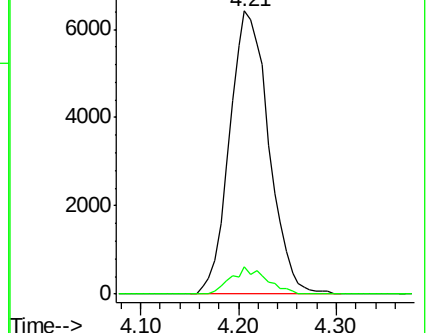
76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY001469.D (-360) (-)

Ion 77.90 (77.60 to 78.60): VY001469.D (-360) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.118 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001469.D

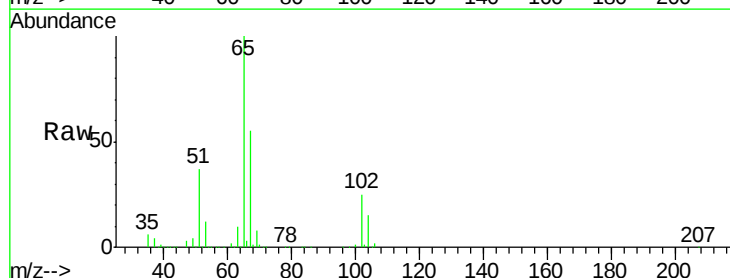
Acq: 03 Feb 2020 13:15

Tgt Ion: 65 Resp: 123277

Ion Ratio Lower Upper

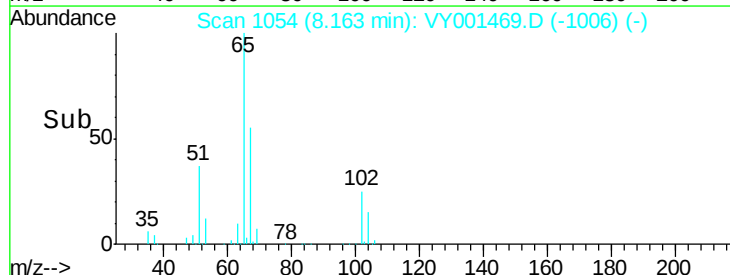
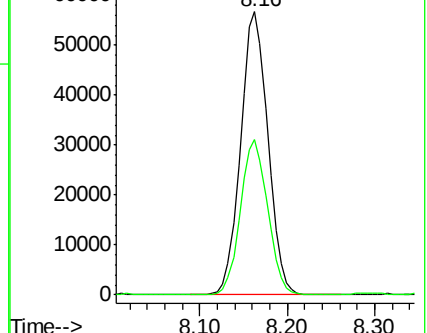
65 100

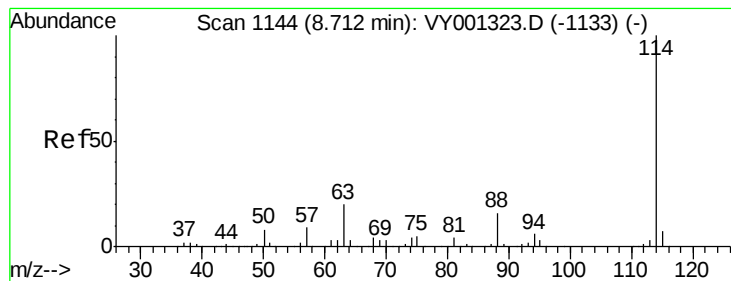
67 54.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001469.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001469.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001469.D

Acq: 03 Feb 2020 13:15

Instrument :

MSVOA_Y

ClientSampled :

PD-2-(35-36)

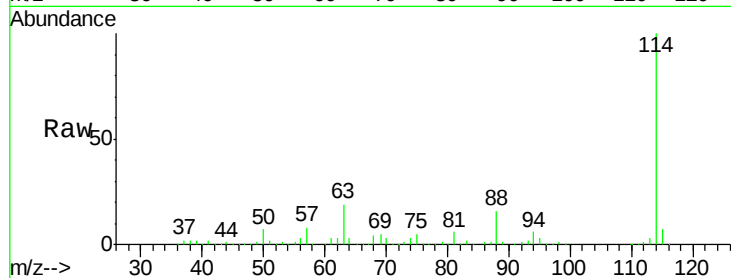
Tot Ion:114 Resp: 410023

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.8

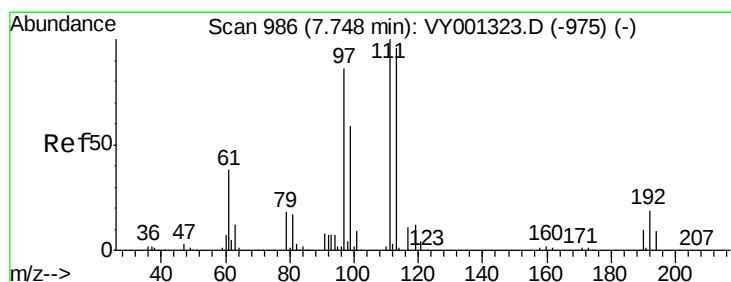
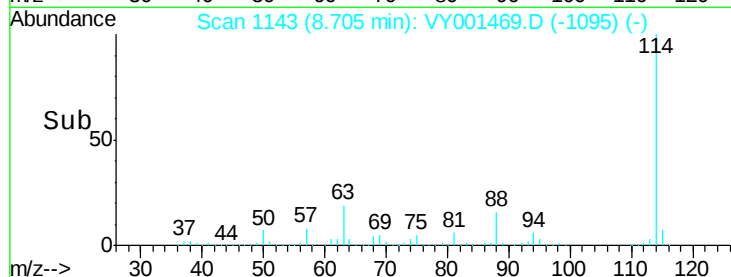
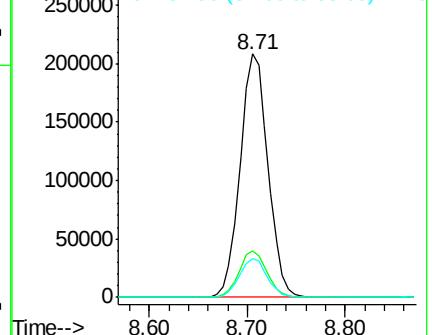
88 15.9 0.0 31.0



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: 50.363 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001469.D

Acq: 03 Feb 2020 13:15

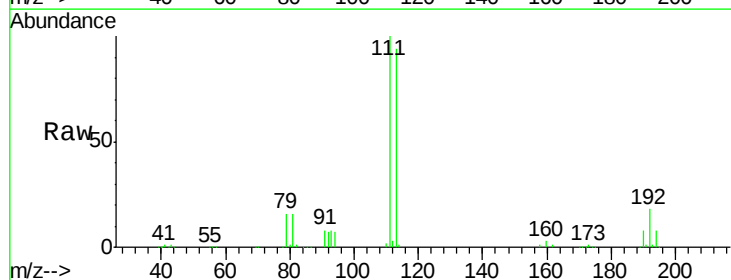
Tgt Ion:113 Resp: 121197

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

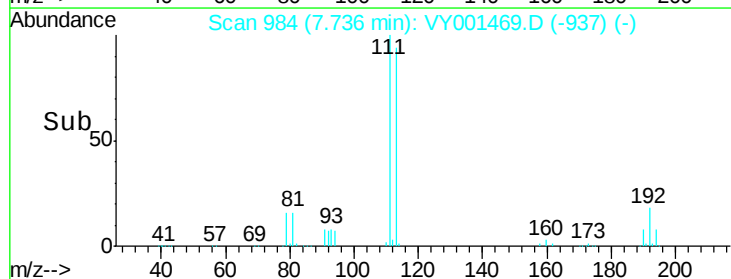
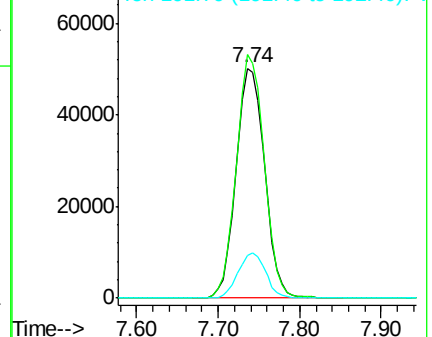
192 19.0 15.5 23.3

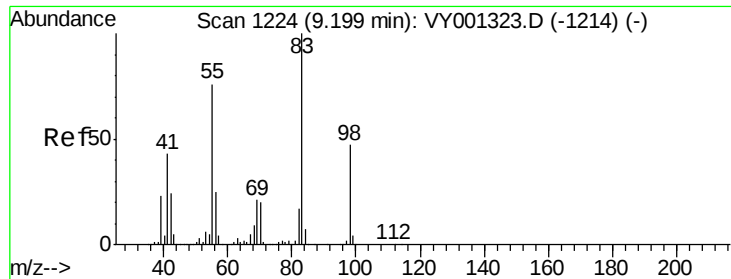


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

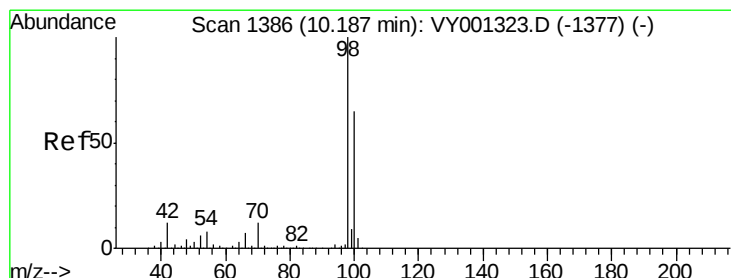
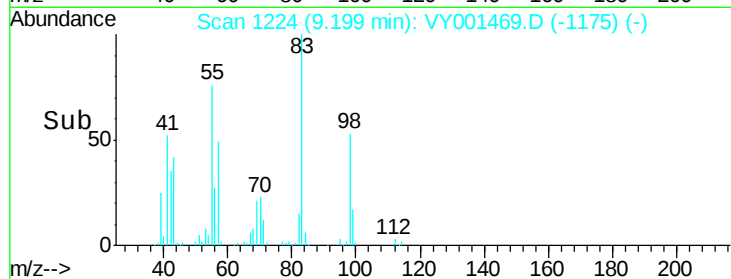
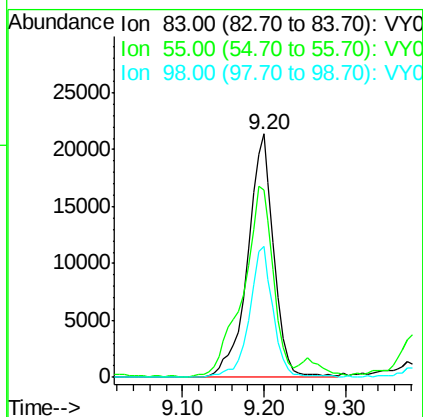
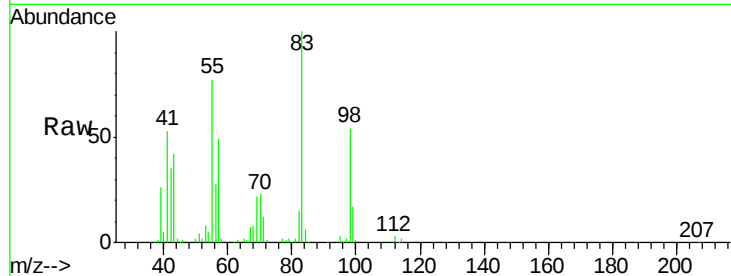




#39
Methylcyclohexane
Concen: 9.661 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001469.D
Acq: 03 Feb 2020 13:15

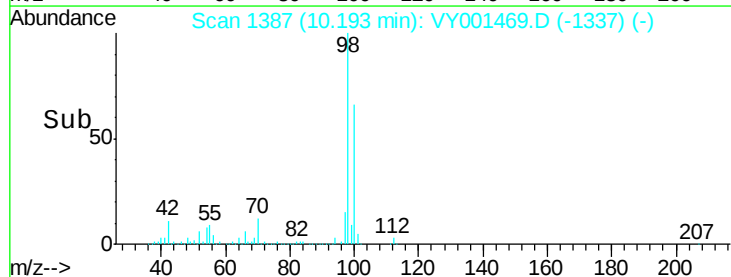
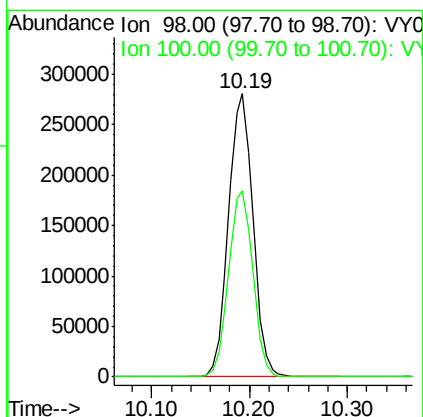
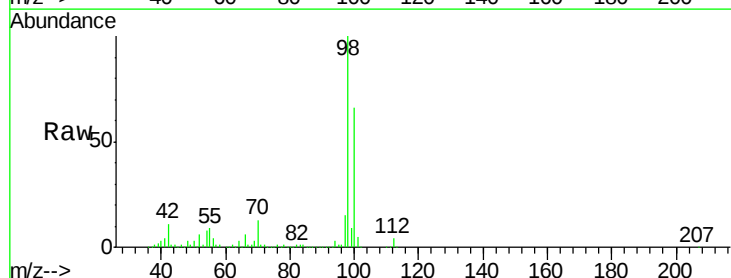
Instrument :
MSVOA_Y
ClientSampled :
PD-2-(35-36)

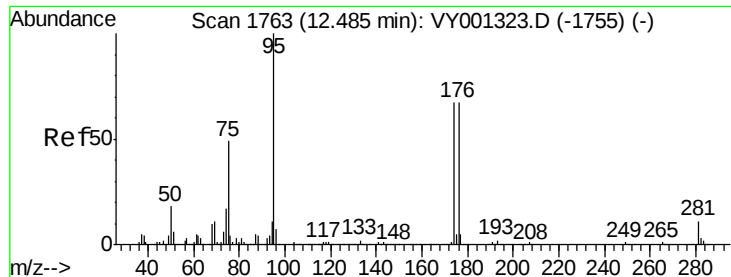
Tot Ion: 83 Resp: 47941
Ion Ratio Lower Upper
83 100
55 76.5 60.7 91.1
98 53.6 37.8 56.8



#50
Toluene-d8
Concen: 52.025 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001469.D
Acq: 03 Feb 2020 13:15

Tgt Ion: 98 Resp: 486417
Ion Ratio Lower Upper
98 100
100 65.4 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 51.215 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001469.D

Acq: 03 Feb 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

PD-2-(35-36)

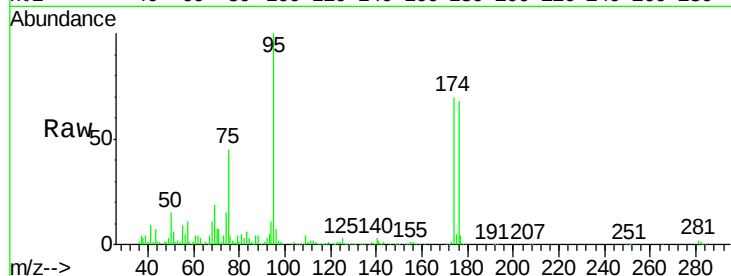
Tot Ion: 95 Resp: 190691

Ion Ratio Lower Upper

95 100

174 67.4 0.0 142.0

176 65.1 0.0 138.6

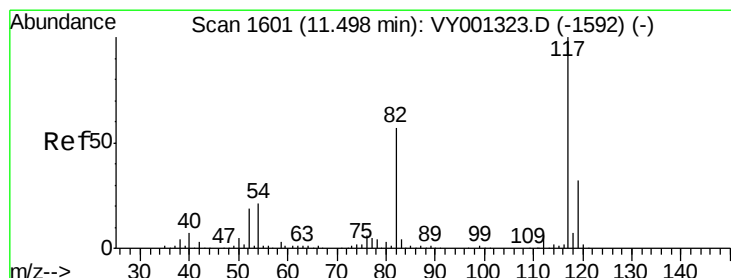
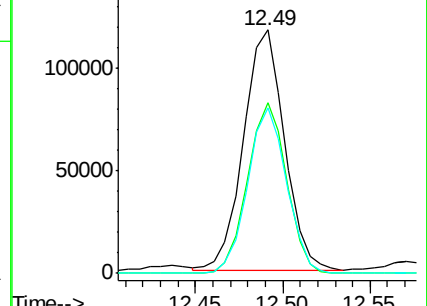
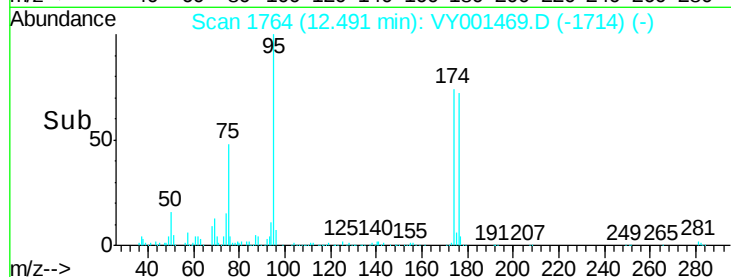


Abundance Ion 94.90 (94.60 to 95.60): VY001323.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001323.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001323.D (-1755) (-)

12.49



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VY001469.D

Acq: 03 Feb 2020 13:15

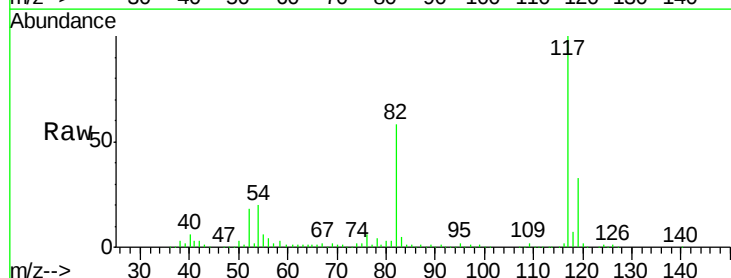
Tgt Ion: 117 Resp: 366929

Ion Ratio Lower Upper

117 100

82 56.6 45.5 68.3

119 32.6 25.8 38.6

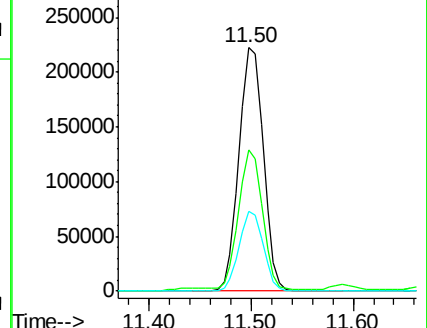
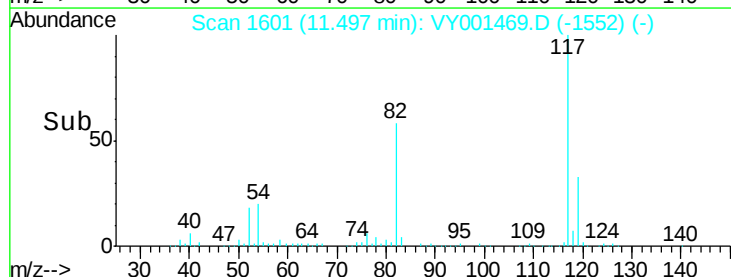


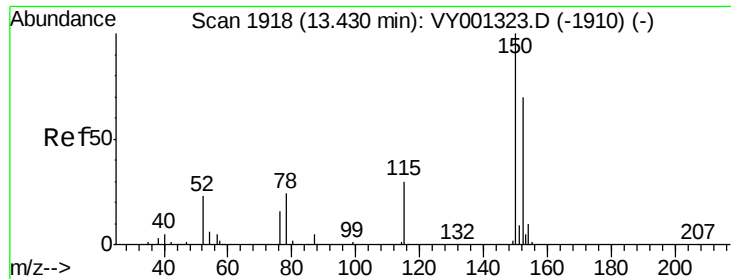
Abundance Ion 116.90 (116.60 to 117.60): VY001323.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY001323.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY001323.D (-1592) (-)

11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001469.D

Acq: 03 Feb 2020 13:15

Instrument :

MSVOA_Y

ClientSampled :

PD-2-(35-36)

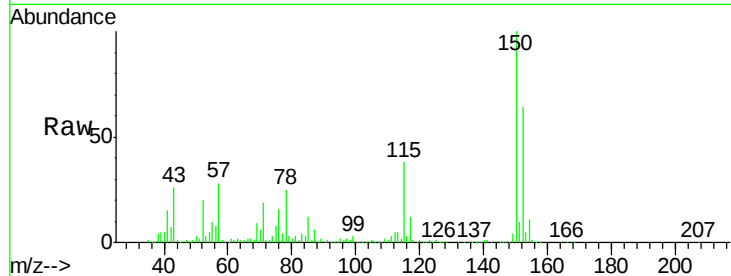
Tot Ion:152 Resp: 167393

Ion Ratio Lower Upper

152 100

115 65.4 30.9 92.8

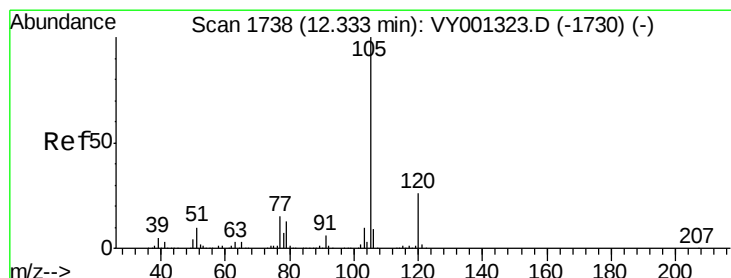
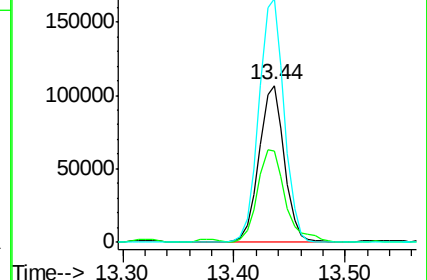
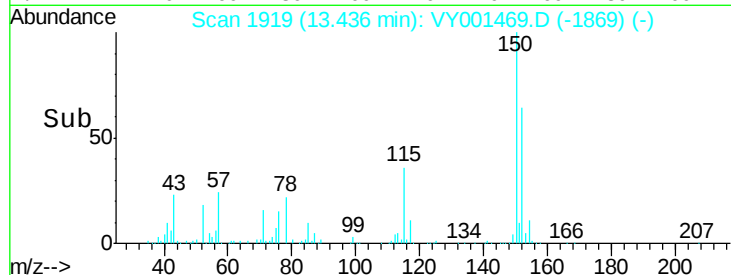
150 156.0 0.0 349.2



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: 4.582 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001469.D

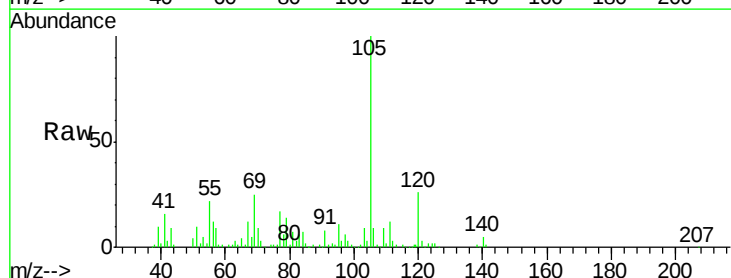
Acq: 03 Feb 2020 13:15

Tgt Ion:105 Resp: 60528

Ion Ratio Lower Upper

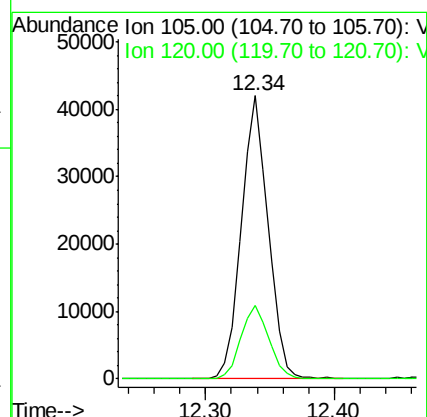
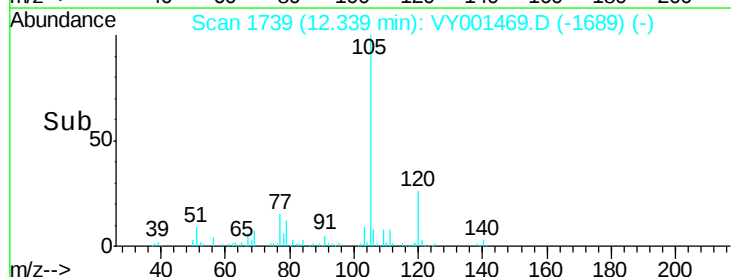
105 100

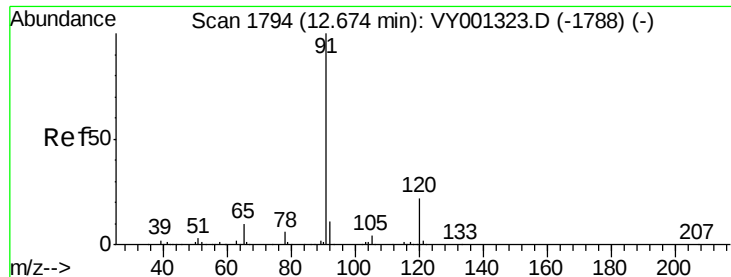
120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 29.294 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001469.D

Acq: 03 Feb 2020 13:15

Instrument :

MSVOA_Y

ClientSampleId :

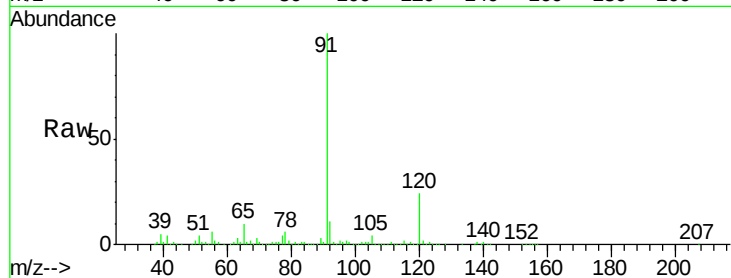
PD-2-(35-36)

Tot Ion: 91 Resp: 465732

Ion Ratio Lower Upper

91 100

120 23.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY001323.D (-1788) (-)

Ion 120.00 (119.70 to 120.70): VY001323.D (-1788) (-)

12.68

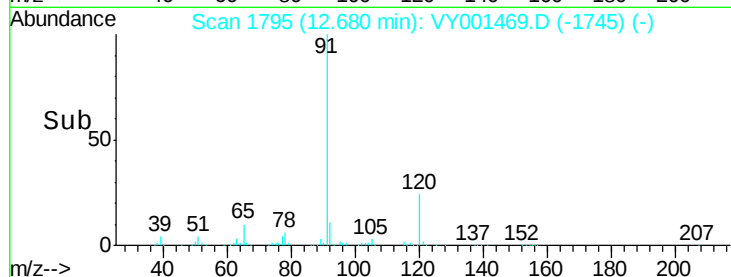
300000

200000

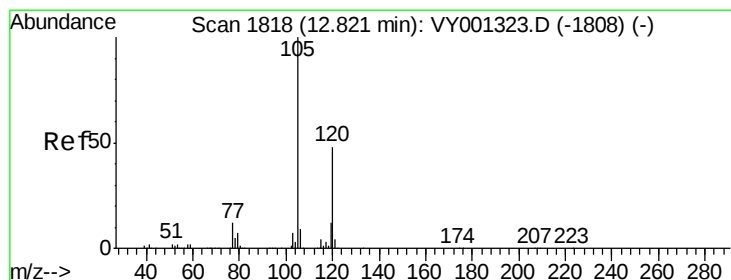
100000

0

Time-->



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 12.238 ug/l

RT: 12.78 min Scan# 1811

Delta R.T. -0.04 min

Lab File: VY001469.D

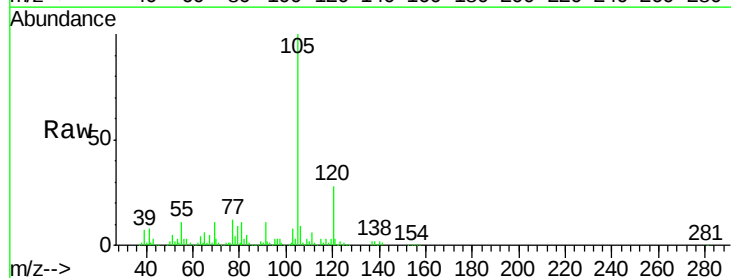
Acq: 03 Feb 2020 13:15

Tgt Ion: 105 Resp: 134927

Ion Ratio Lower Upper

105 100

120 30.4 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001323.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY001323.D (-1808) (-)

12.78

100000

80000

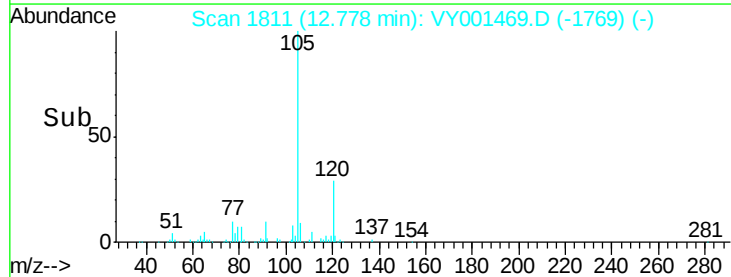
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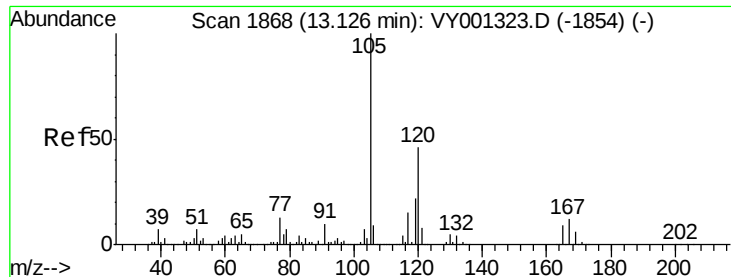
20000

0

Time-->



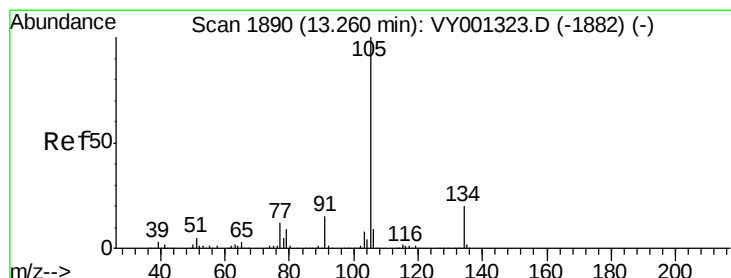
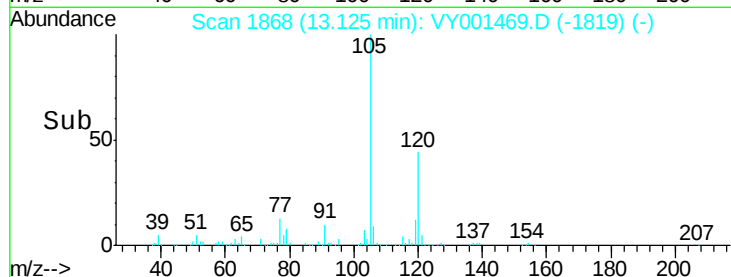
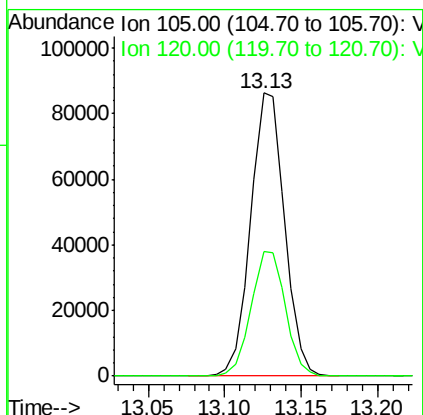
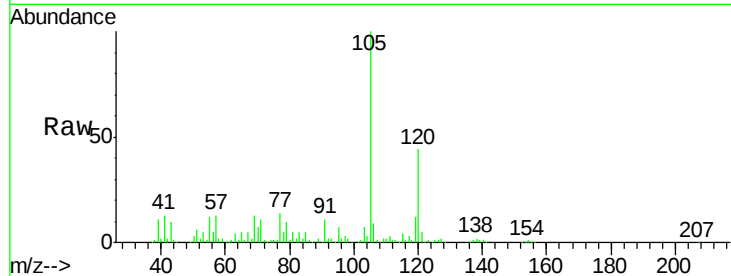
Time-->



#84
1,2,4-Trimethylbenzene
Concen: 11.933 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001469.D
Acq: 03 Feb 2020 13:15

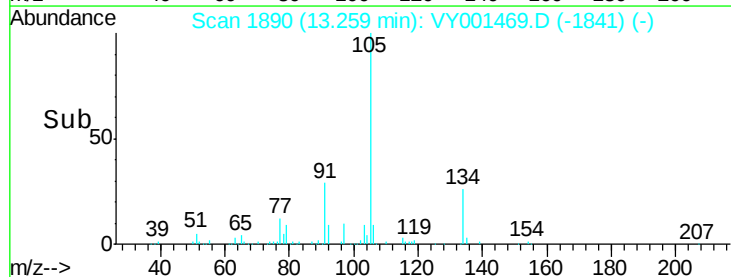
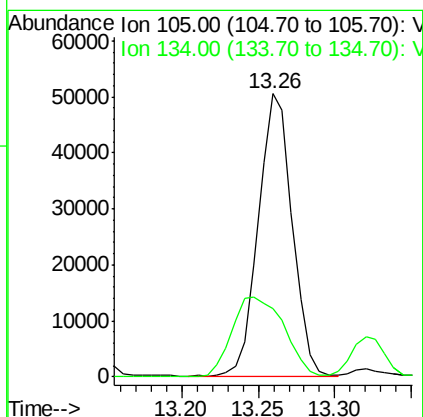
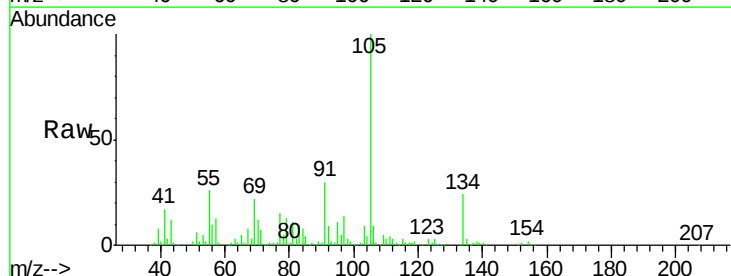
Instrument :
MSVOA_Y
ClientSampleId :
PD-2-(35-36)

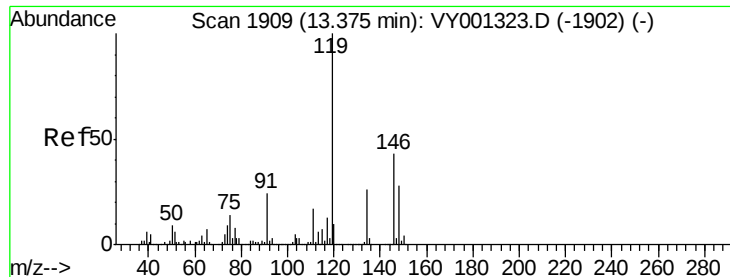
Tot Ion:105 Resp: 132089
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3



#85
sec-Butylbenzene
Concen: 5.880 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. -0.00 min
Lab File: VY001469.D
Acq: 03 Feb 2020 13:15

Tgt Ion:105 Resp: 77642
Ion Ratio Lower Upper
105 100
134 43.5 9.8 29.4#

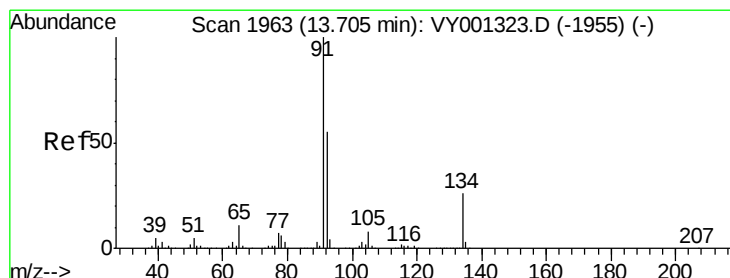
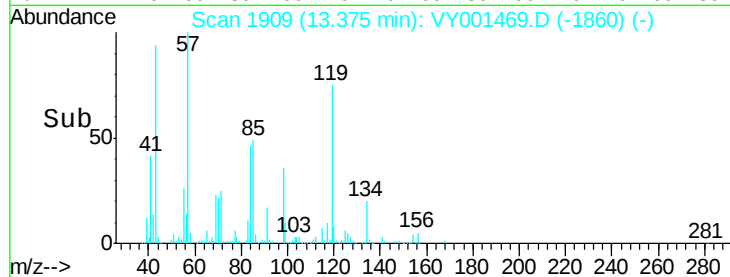
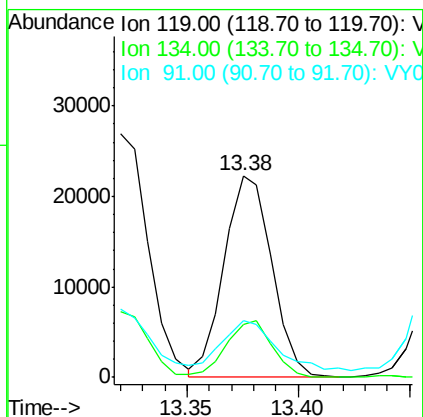
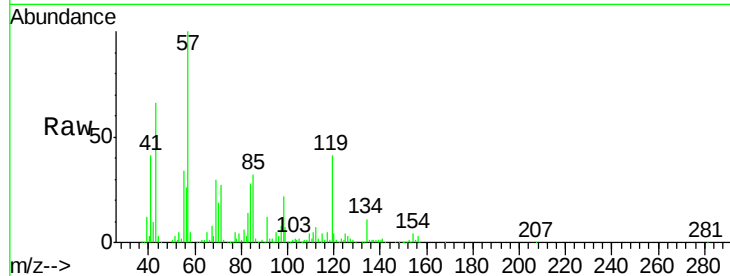




#86
 p-Isopropyltoluene
 Concen: 2.845 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001469.D
 Acq: 03 Feb 2020 13:15

Instrument :
 MSVOA_Y
 ClientSampled :
 PD-2-(35-36)

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.5	40.4
91	27.5	12.2	36.6



#89
 n-Butylbenzene
 Concen: 22.556 ug/l
 RT: 13.70 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VY001469.D
 Acq: 03 Feb 2020 13:15

Tgt Ion	Ratio	Lower	Upper
91	100		
92	45.9	27.6	82.8
134	0.0	12.9	38.6#

