

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002146.D
 Acq On : 31 Mar 2020 20:05
 Operator : SY/MD
 Sample : L2089-02
 Misc : 7.87G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Apr 01 06:37:27 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	7.83	168	119273	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	232073	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	216127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	94085	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	74124	56.22	ug/l	0.01
Spiked Amount			Recovery	=	112.44%	
35) Dibromofluoromethane	7.75	113	70093	53.90	ug/l	0.02
Spiked Amount			Recovery	=	107.80%	
50) Toluene-d8	10.20	98	286614	53.06	ug/l	0.01
Spiked Amount			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.49	95	95403	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	

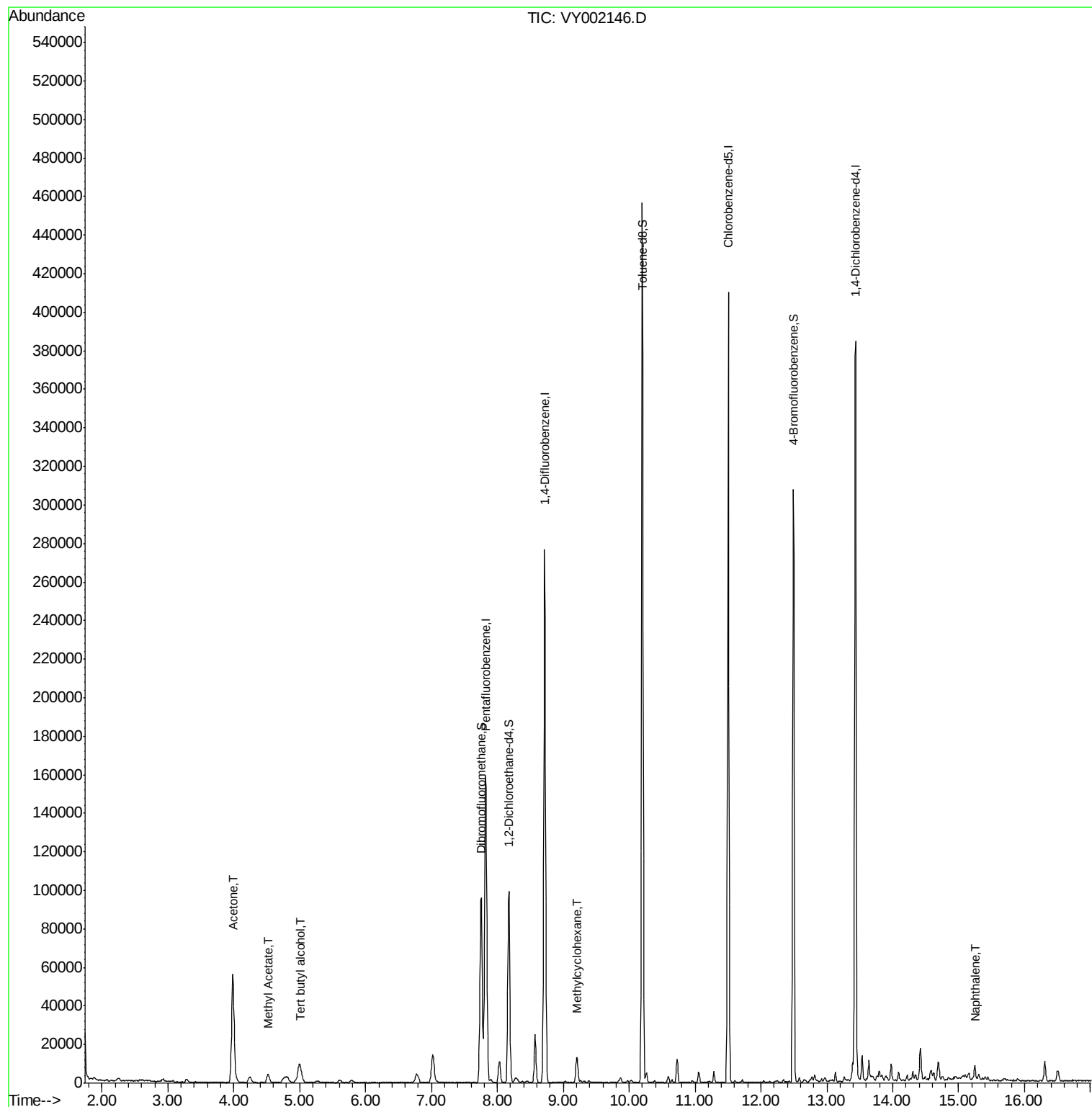
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.00	59	20138	129.604	ug/l #	85
16) Acetone	3.99	43	98988	267.217	ug/l	98
18) Methyl Acetate	4.52	43	9213	9.578	ug/l	97
39) Methylcyclohexane	9.21	83	5486	1.905	ug/l	92
95) Naphthalene	15.25	128	5790	1.405	ug/l	97

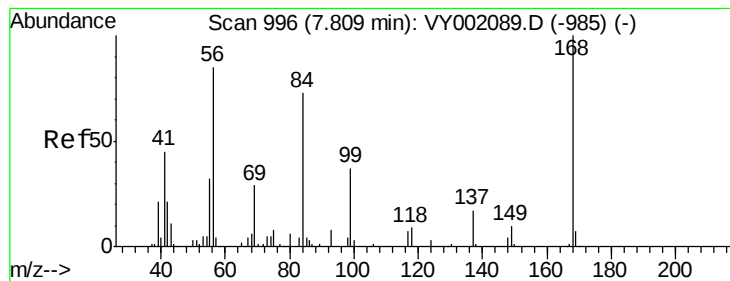
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.02 min

Lab File: VY002146.D

Acq: 31 Mar 2020 20:05

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MSVOA_Y

ClientSampleId :

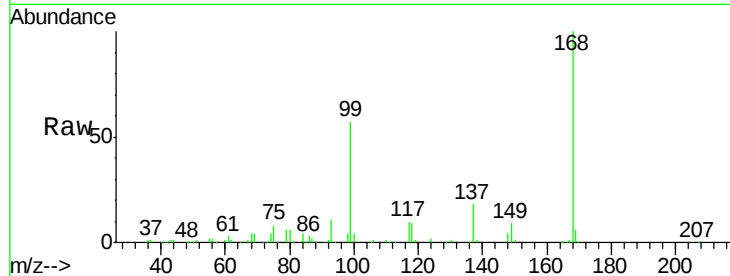
SB-2D-(0-2)

Tot Ion:168 Resp: 119273

Ion Ratio Lower Upper

168 100

99 57.4 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002146.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002146.D (-947) (-)

7.83

60000

50000

40000

30000

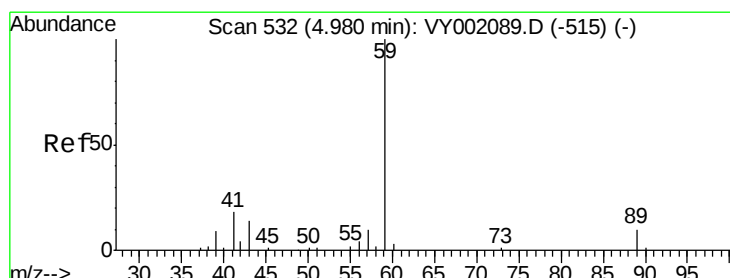
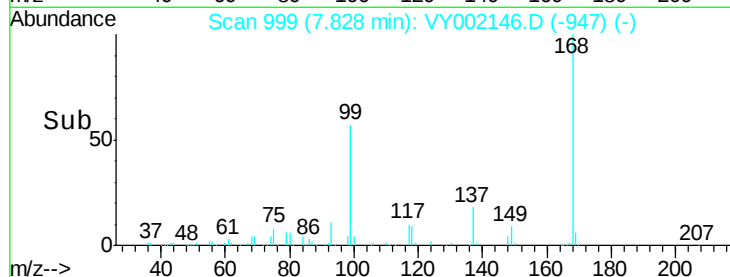
20000

10000

0

Time-->

7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 129.604 ug/l

RT: 5.00 min Scan# 536

Delta R.T. 0.02 min

Lab File: VY002146.D

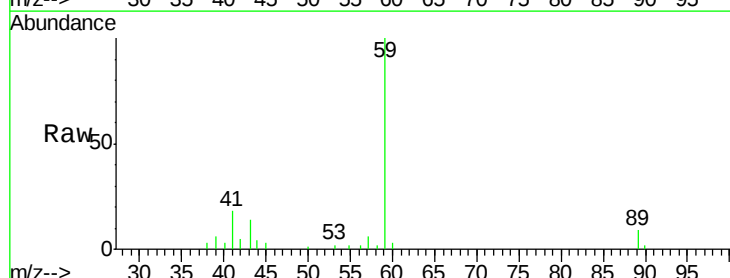
Acq: 31 Mar 2020 20:05

Tgt Ion: 59 Resp: 20138

Ion Ratio Lower Upper

59 100

57 4.2 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002146.D (-483) (-)

Ion 57.00 (56.70 to 57.70): VY002146.D (-483) (-)

5.00

6000

5000

4000

3000

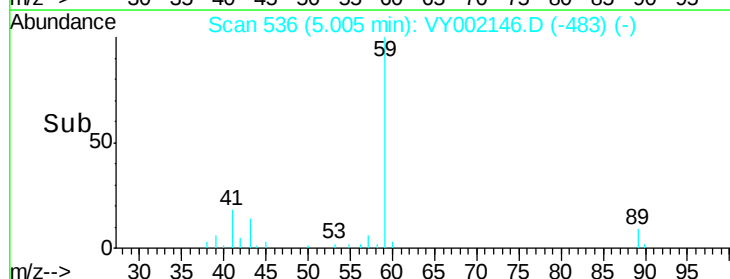
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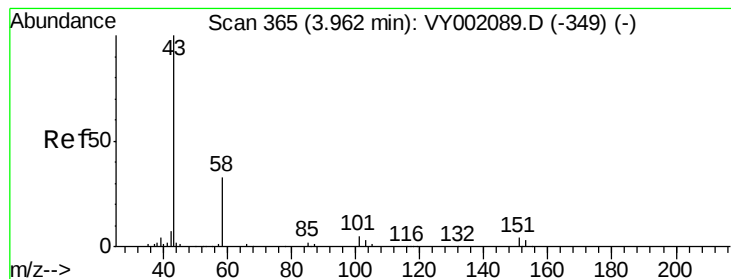
1000

0

Time-->

4.90 5.00 5.10





#16

Acetone

Concen: 267.217 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.02 min

Lab File: VY002146.D

Acq: 31 Mar 2020 20:05

Instrument :

MSVOA_Y

ClientSampleId :

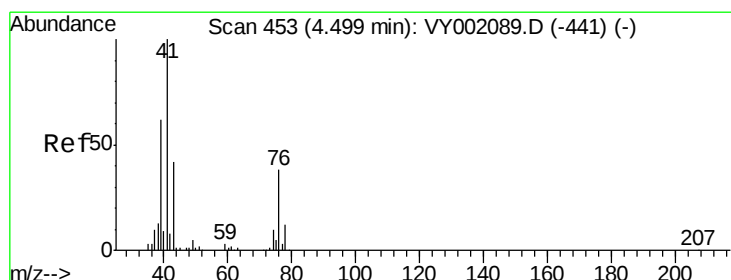
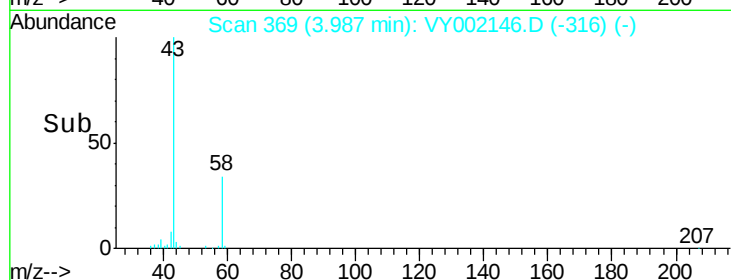
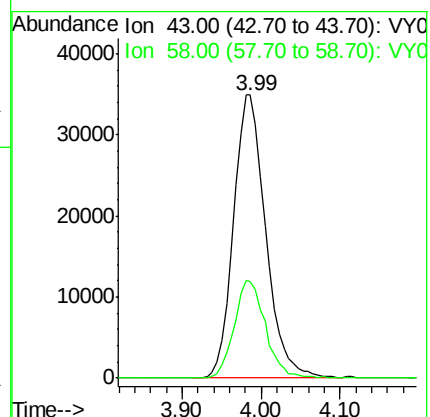
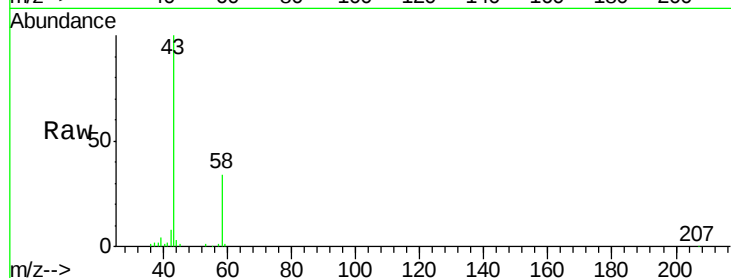
SB-2D-(0-2)

Tot Ion: 43 Resp: 98988

Ion Ratio Lower Upper

43 100

58 34.3 26.3 39.5



#18

Methyl Acetate

Concen: 9.578 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.02 min

Lab File: VY002146.D

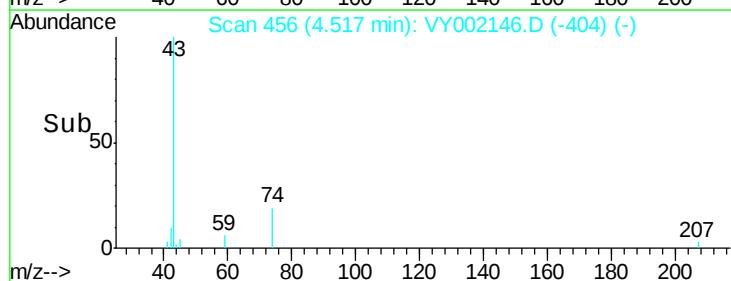
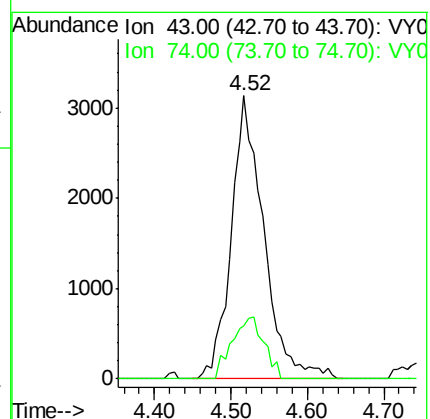
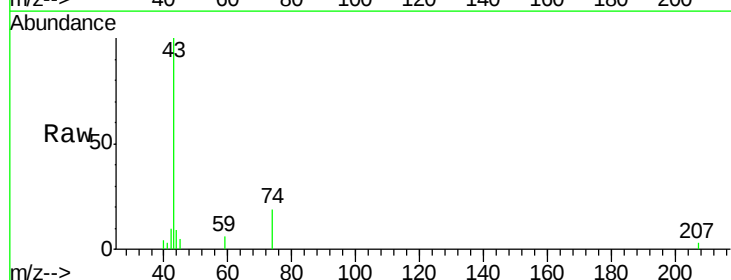
Acq: 31 Mar 2020 20:05

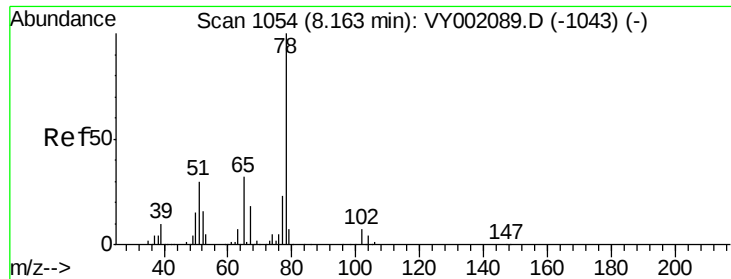
Tgt Ion: 43 Resp: 9213

Ion Ratio Lower Upper

43 100

74 21.3 18.3 27.5





#33

1,2-Dichloroethane-d4

Concen: 56.217 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY002146.D

Acq: 31 Mar 2020 20:05

Instrument :

MSVOA_Y

ClientSampleId :

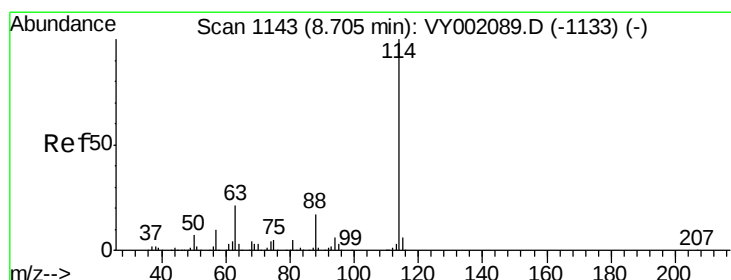
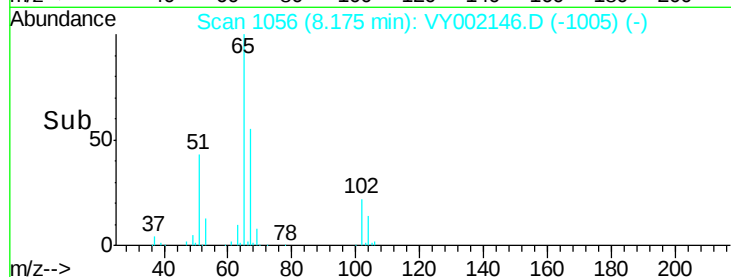
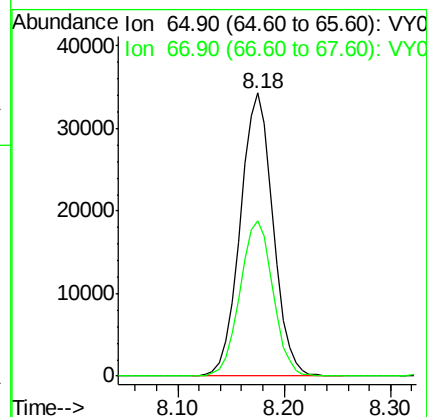
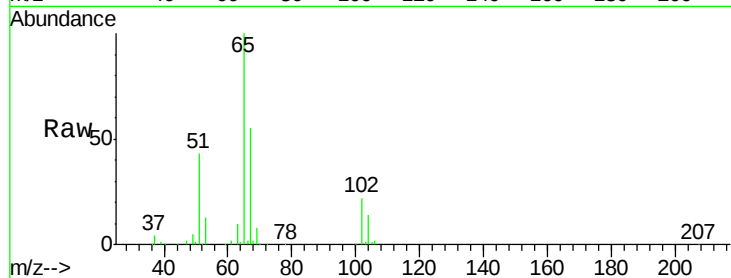
SB-2D-(0-2)

Tot Ion: 65 Resp: 74124

Ion Ratio Lower Upper

65 100

67 55.2 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY002146.D

Acq: 31 Mar 2020 20:05

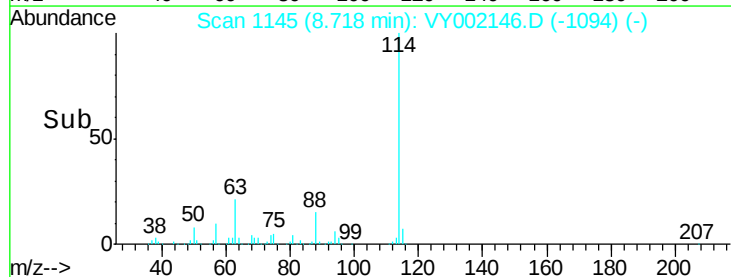
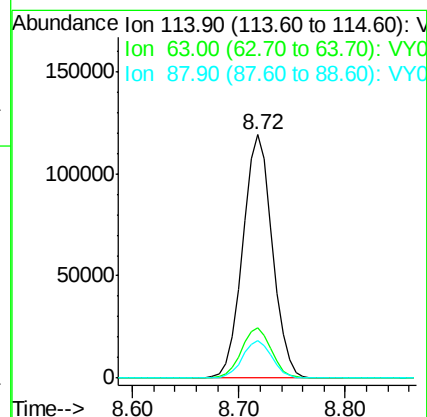
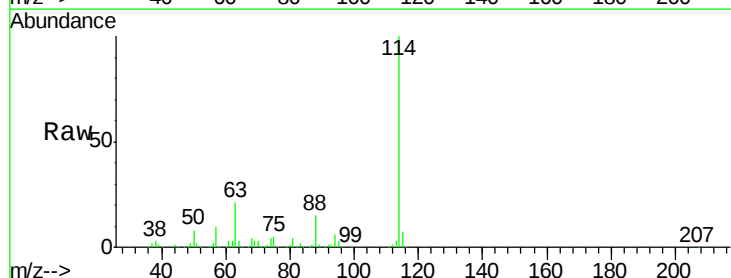
Tgt Ion: 114 Resp: 232073

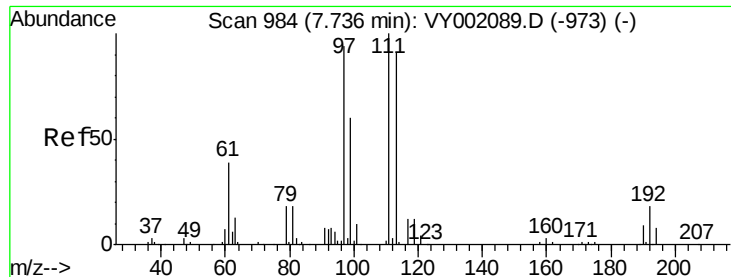
Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

88 15.3 0.0 33.0

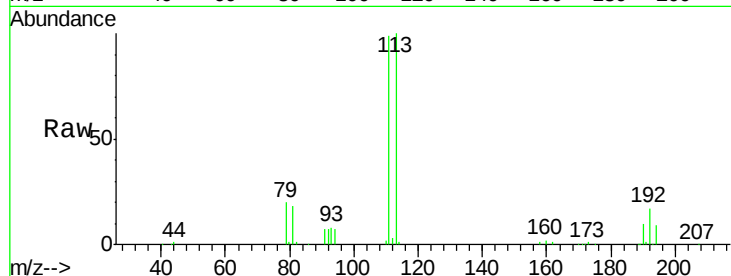




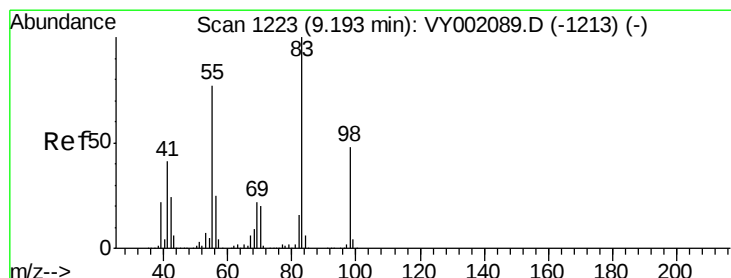
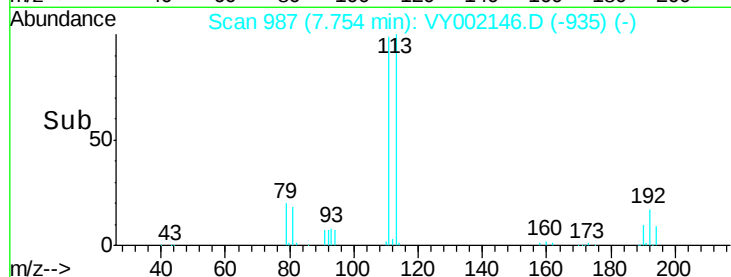
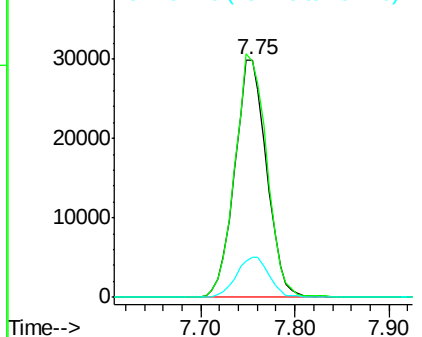
#35
Dibromofluoromethane
Concen: 53.904 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.02 min
Lab File: VY002146.D
Acq: 31 Mar 2020 20:05

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

Tot Ion:113 Resp: 70093
Ion Ratio Lower Upper
113 100
111 102.5 84.4 126.6
192 17.4 14.6 21.8

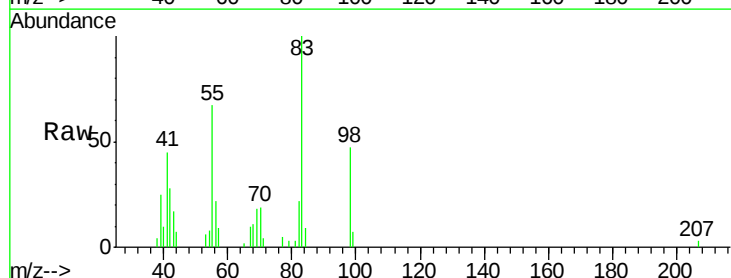


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

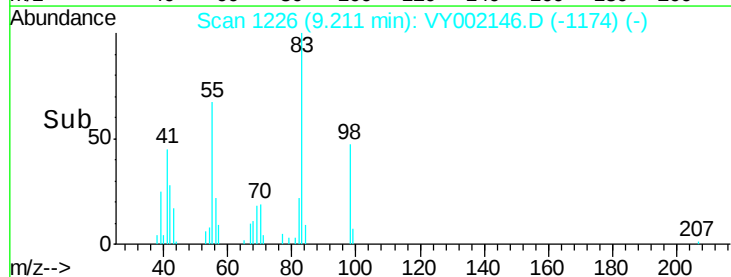
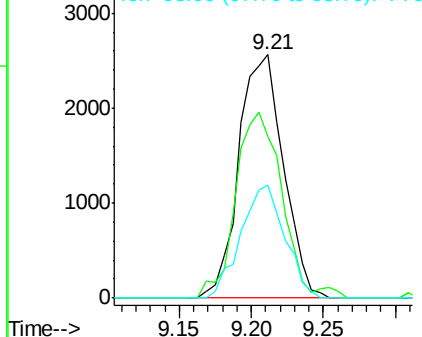


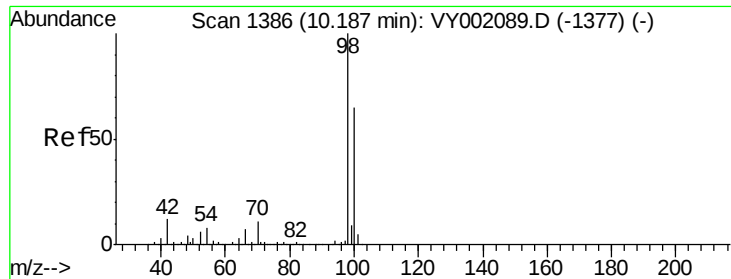
#39
Methylcyclohexane
Concen: 1.905 ug/l
RT: 9.21 min Scan# 1226
Delta R.T. 0.02 min
Lab File: VY002146.D
Acq: 31 Mar 2020 20:05

Tgt Ion: 83 Resp: 5486
Ion Ratio Lower Upper
83 100
55 66.6 61.2 91.8
98 46.5 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: 53.058 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002146.D

Acq: 31 Mar 2020 20:05

Instrument :

MSVOA_Y

ClientSampleId :

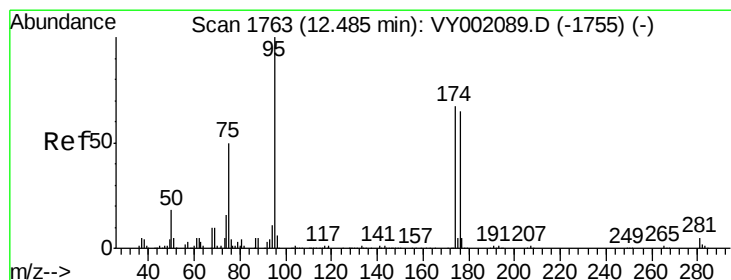
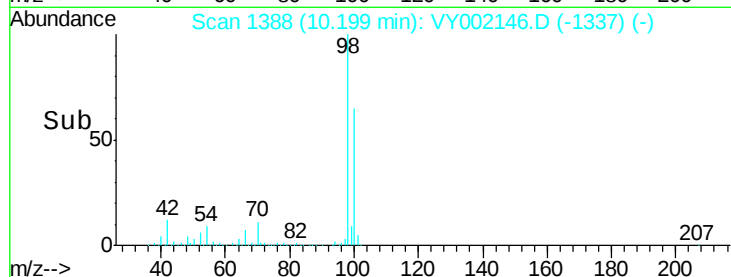
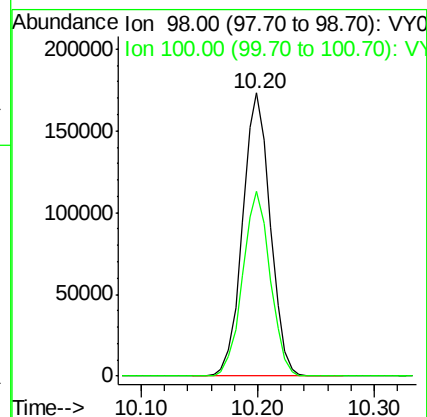
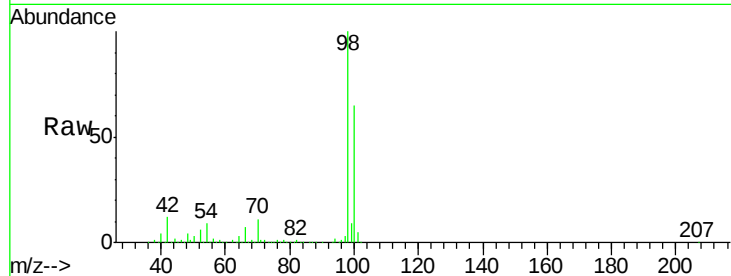
SB-2D-(0-2)

Tot Ion: 98 Resp: 286614

Ion Ratio Lower Upper

98 100

100 65.3 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 50.498 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002146.D

Acq: 31 Mar 2020 20:05

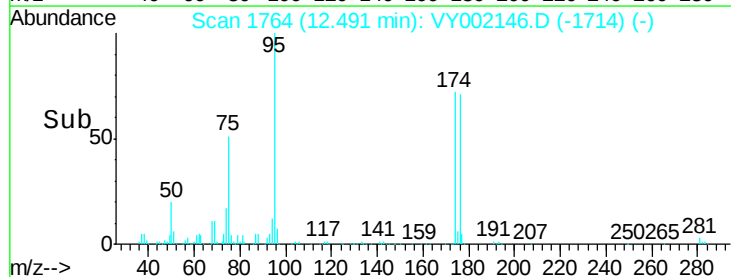
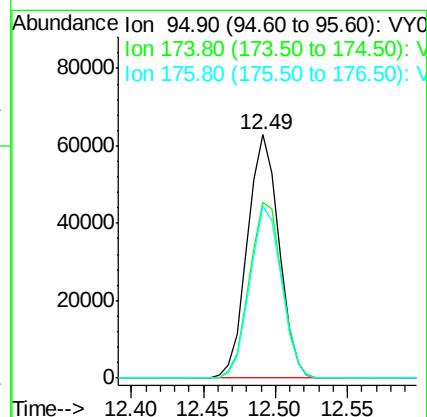
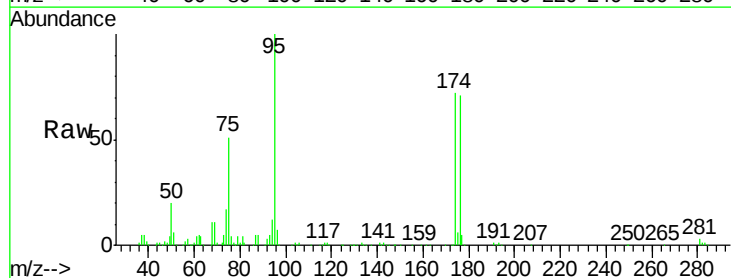
Tgt Ion: 95 Resp: 95403

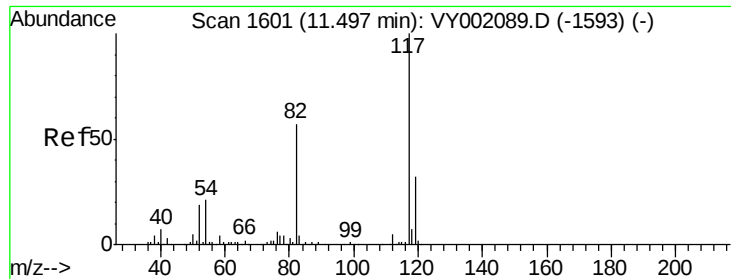
Ion Ratio Lower Upper

95 100

174 74.5 0.0 143.4

176 70.7 0.0 137.0

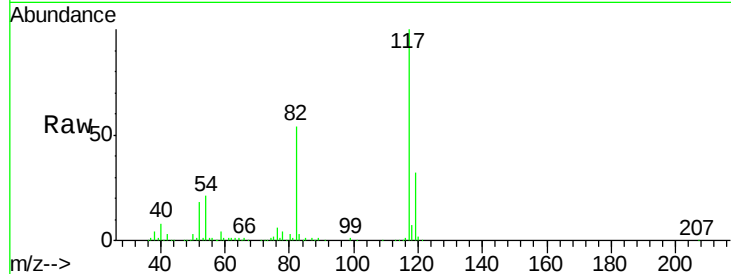




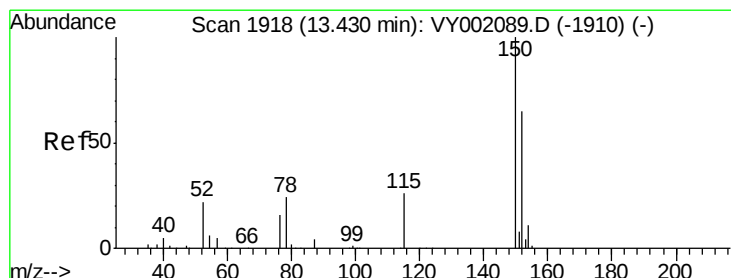
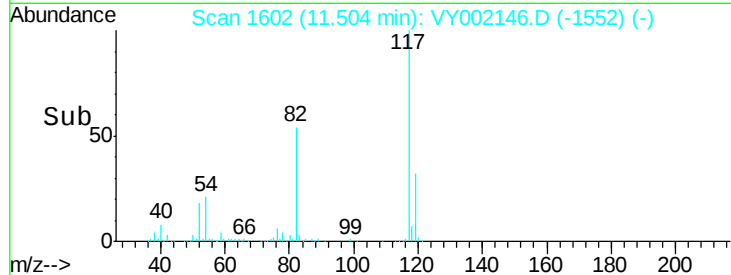
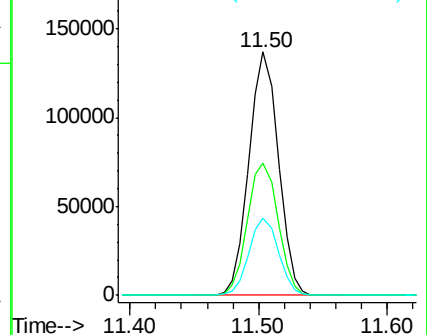
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002146.D
Acq: 31 Mar 2020 20:05

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

Tot Ion:117 Resp: 216127
Ion Ratio Lower Upper
117 100
82 54.2 45.4 68.2
119 31.9 25.3 37.9

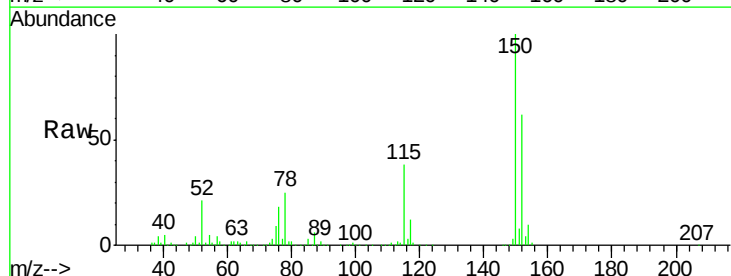


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

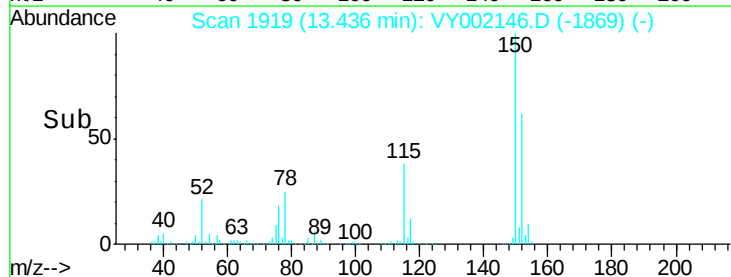
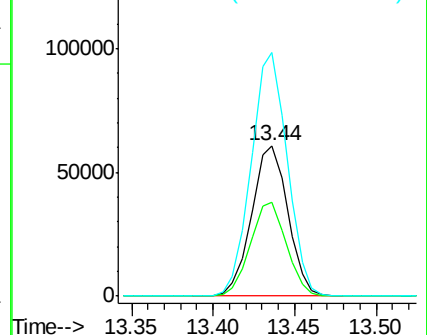


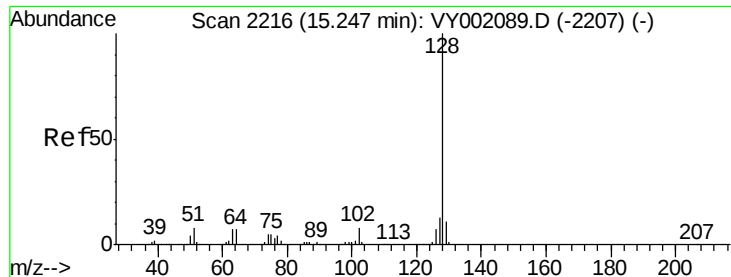
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002146.D
Acq: 31 Mar 2020 20:05

Tgt Ion:152 Resp: 94085
Ion Ratio Lower Upper
152 100
115 62.2 31.2 93.6
150 161.2 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

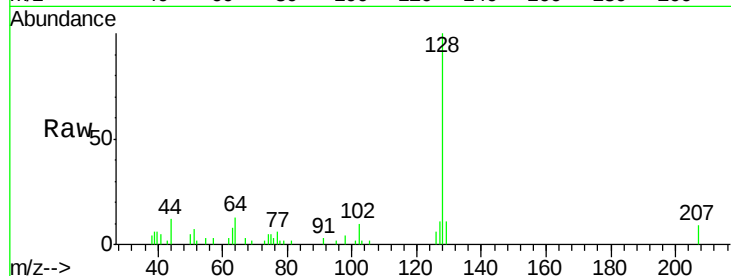




#95
Naphthalene
Concen: 1.405 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002146.D
Acq: 31 Mar 2020 20:05

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.8	9.8	14.8
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

