

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002366.D
 Acq On : 16 Apr 2020 14:54
 Operator : SY/MD
 Sample : L2279-04
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 17 07:05:44 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

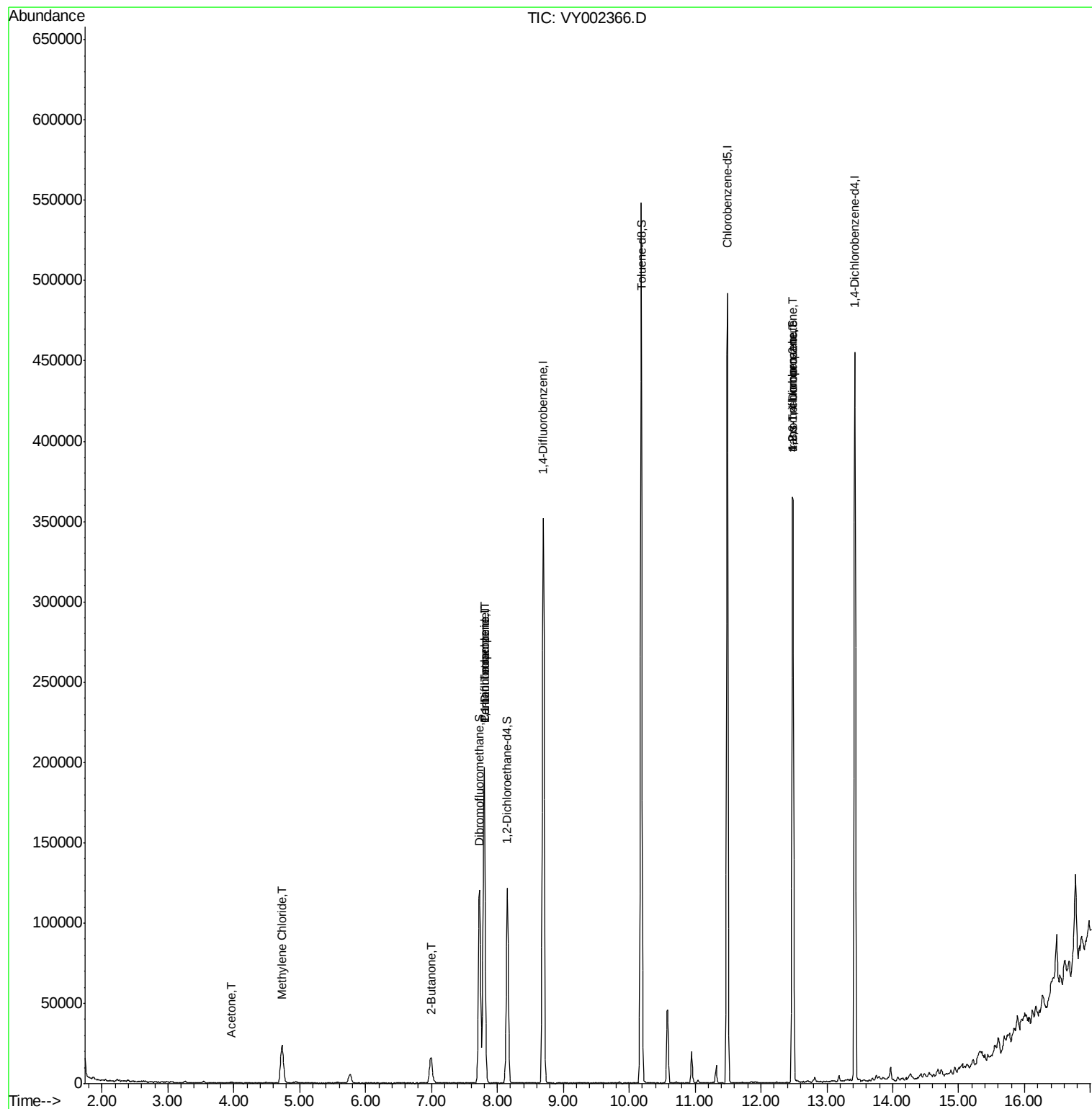
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	151082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	309632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	275578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	116072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	86532	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
35) Dibromofluoromethane	7.72	113	90655	49.20	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	98.40%	
50) Toluene-d8	10.18	98	363326	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
62) 4-Bromofluorobenzene	12.48	95	122090	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.95	59	903	Below Cal	#	77
16) Acetone	3.96	43	645	1.458	ug/l #	77
20) Methylene Chloride	4.73	84	18826	8.655	ug/l	94
25) 2-Butanone	7.00	43	938	1.339	ug/l #	46
36) 1,1-Dichloropropene	7.80	75	12657	4.150	ug/l #	49
38) Carbon Tetrachloride	7.80	117	15192	5.824	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	57623	42.752	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	57623	83.152	ug/l #	19

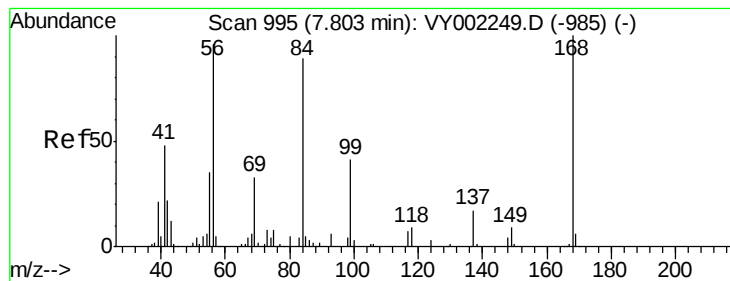
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
Data File : VY002366.D
Acq On : 16 Apr 2020 14:54
Operator : SY/MD
Sample : L2279-04
Misc : 5.06G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 17 07:05:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
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: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002366.D

Acq: 16 Apr 2020 14:54

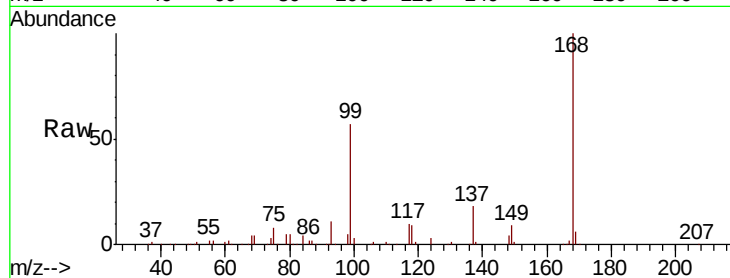
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 151082

Ion Ratio Lower Upper

168 100

99 57.1 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) (-)

7.80

60000

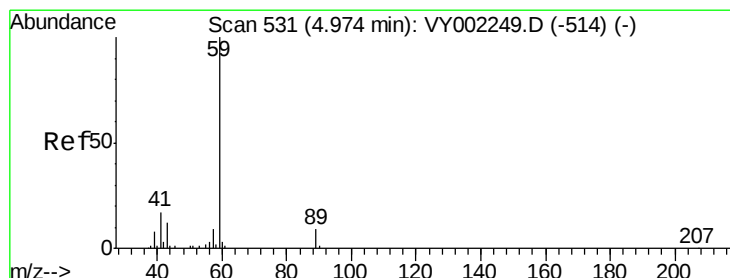
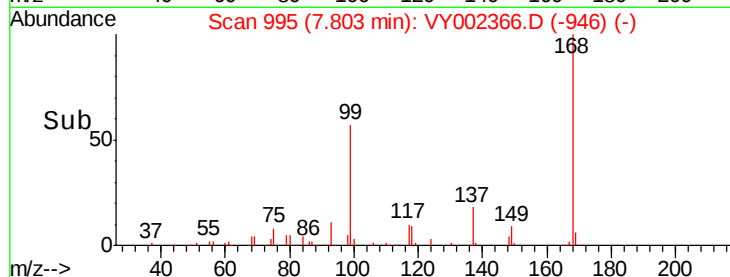
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.95 min Scan# 527

Delta R.T. -0.02 min

Lab File: VY002366.D

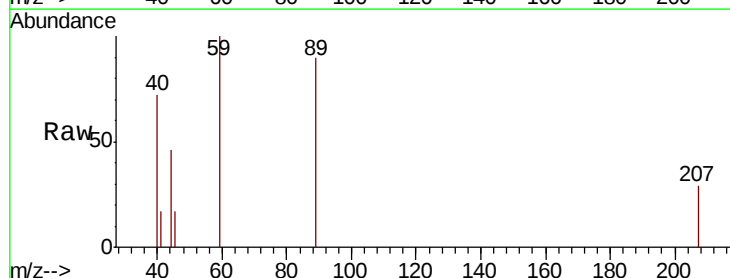
Acq: 16 Apr 2020 14:54

Tgt Ion: 59 Resp: 903

Ion Ratio Lower Upper

59 100

57 0.0 6.6 9.8#



Abundance Ion 59.00 (58.70 to 59.70): VY002249.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY002249.D (-514) (-)

4.95

300

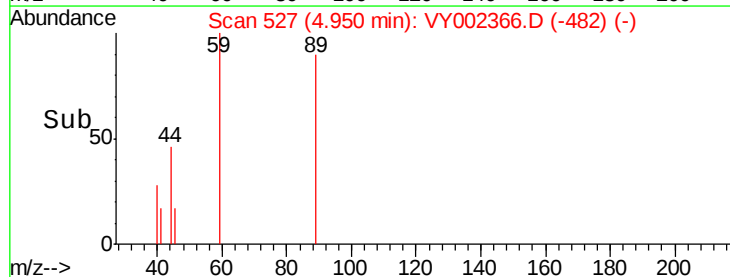
200

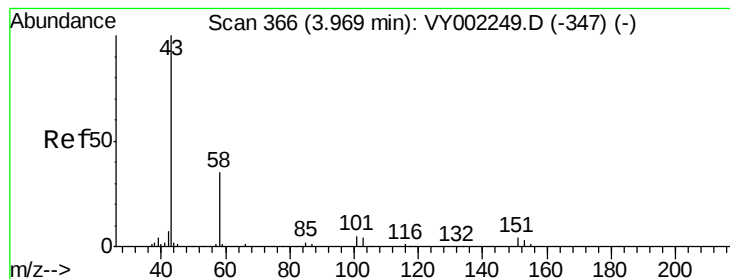
100

0

4.90 4.95 5.00 5.05

Time-->





#16

Acetone

Concen: 1.458 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002366.D

Acq: 16 Apr 2020 14:54

Instrument :

MSVOA_Y

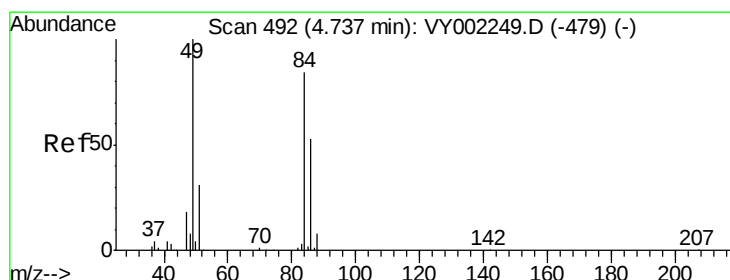
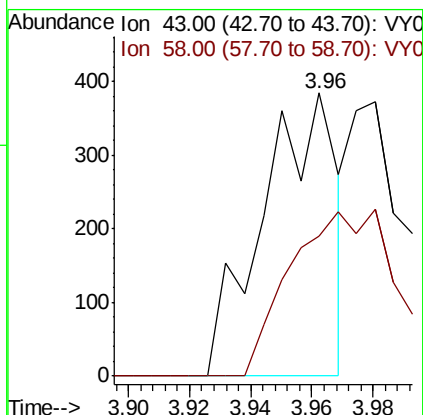
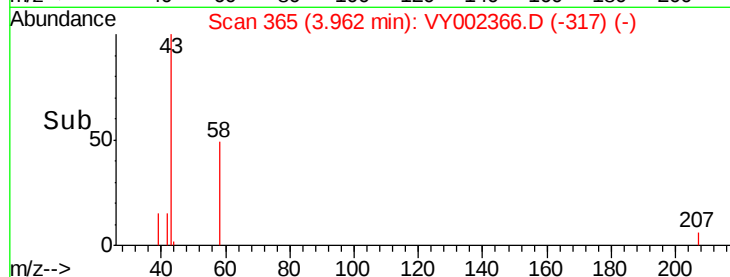
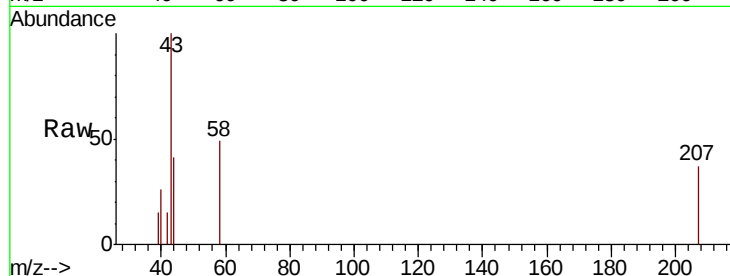
ClientSampled :

Tot Ion: 43 Resp: 645

Ion Ratio Lower Upper

43 100

58 49.2 28.5 42.7#



#20

Methylene Chloride

Concen: 8.655 ug/l

RT: 4.73 min Scan# 491

Delta R.T. -0.01 min

Lab File: VY002366.D

Acq: 16 Apr 2020 14:54

Tgt Ion: 84 Resp: 18826

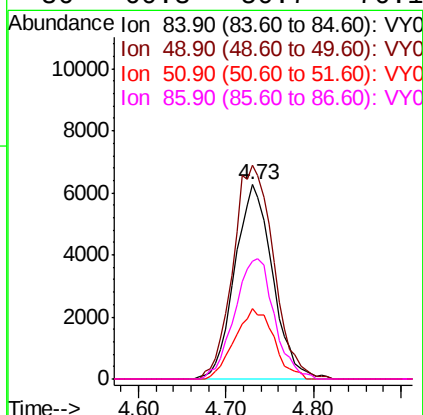
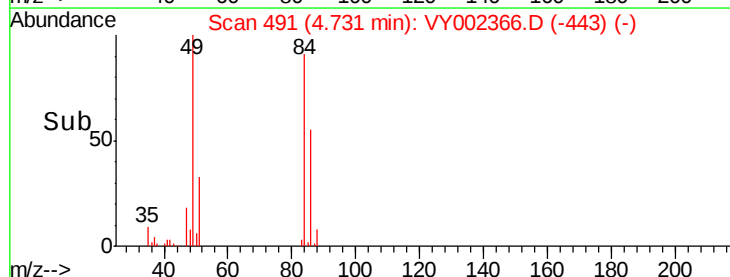
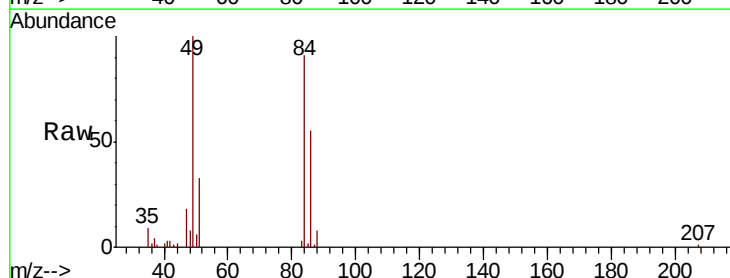
Ion Ratio Lower Upper

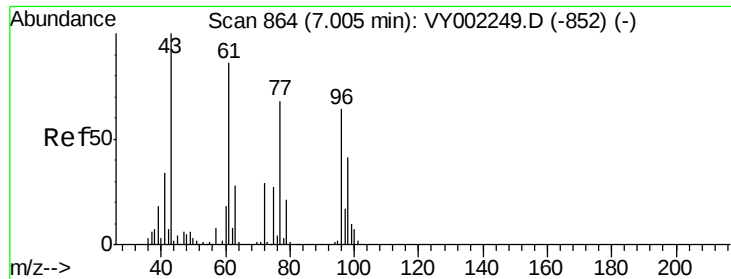
84 100

49 109.9 95.5 143.3

51 36.5 29.5 44.3

86 60.3 50.7 76.1





#25

2-Butanone

Concen: 1.339 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002366.D

Acq: 16 Apr 2020 14:54

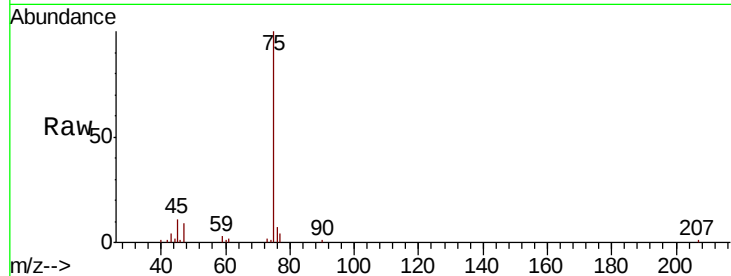
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 938

Ion Ratio Lower Upper

43 100

72 0.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.00

400

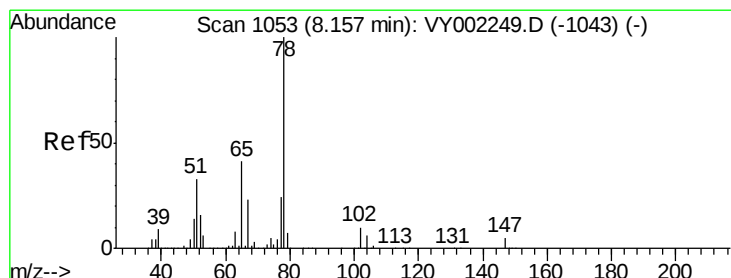
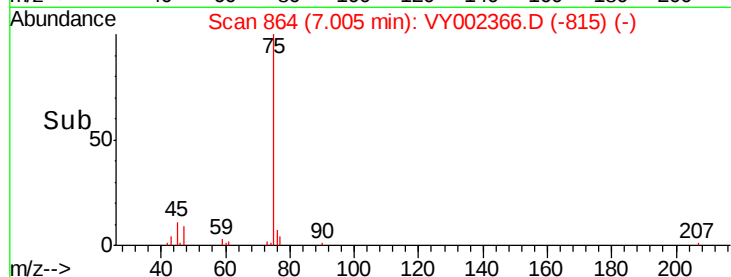
300

200

100

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.503 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002366.D

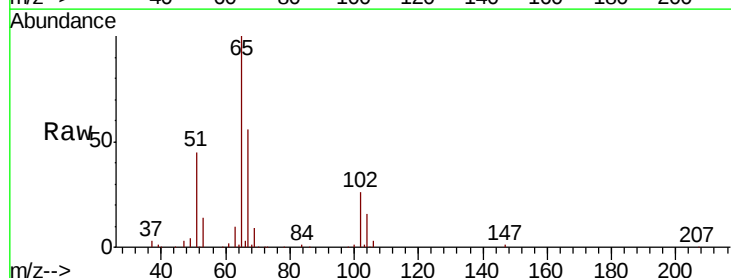
Acq: 16 Apr 2020 14:54

Tgt Ion: 65 Resp: 86532

Ion Ratio Lower Upper

65 100

67 58.5 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.15

40000

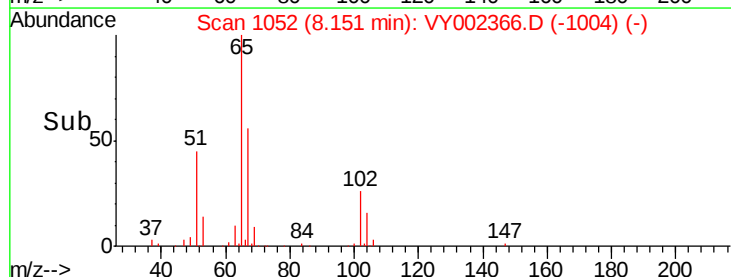
30000

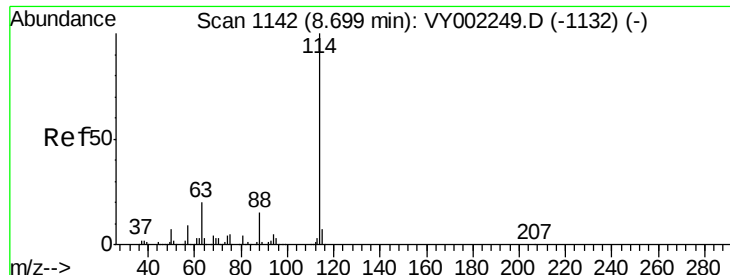
20000

10000

0

Time-->

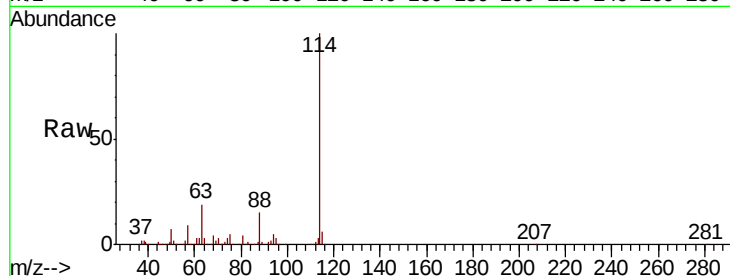




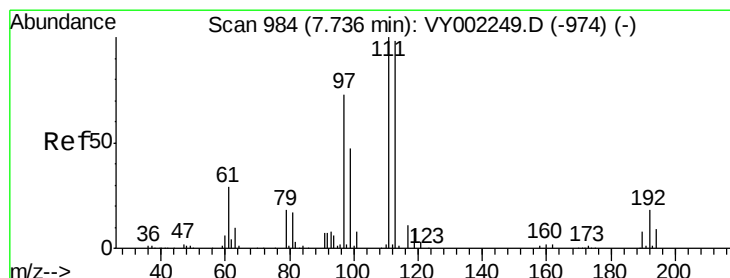
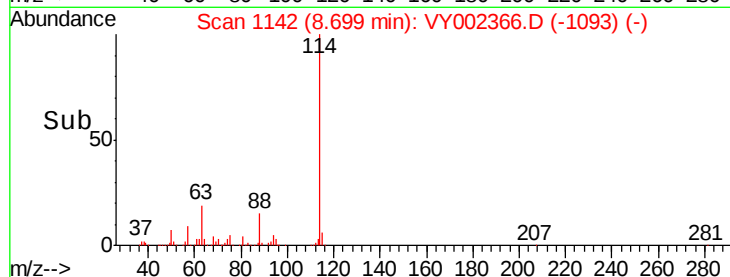
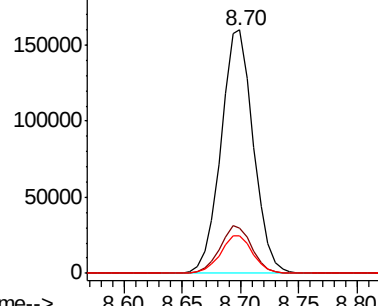
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY002366.D
 Acq: 16 Apr 2020 14:54

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 309632
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.0
 88 15.4 0.0 31.0

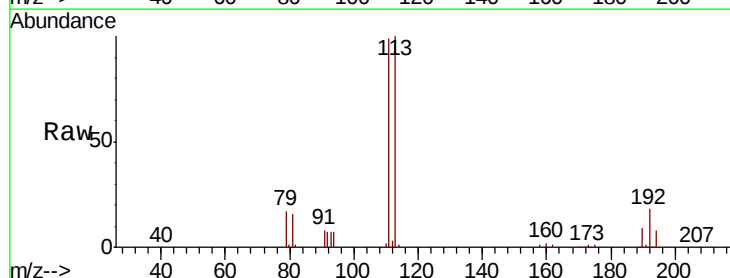


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

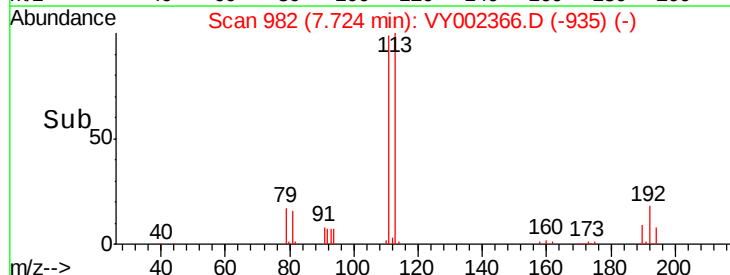
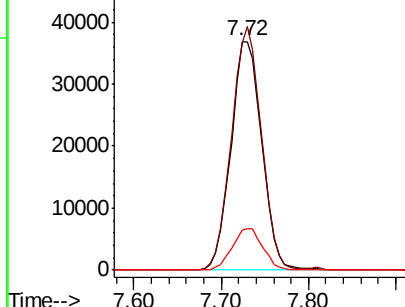


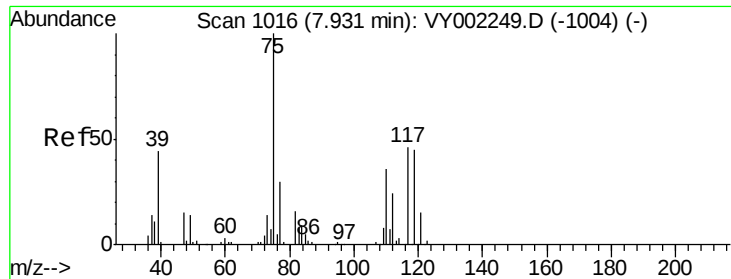
#35
 Dibromofluoromethane
 Concen: 49.205 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002366.D
 Acq: 16 Apr 2020 14:54

Tgt Ion:113 Resp: 90655
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.5 125.3
 192 18.0 14.7 22.1



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

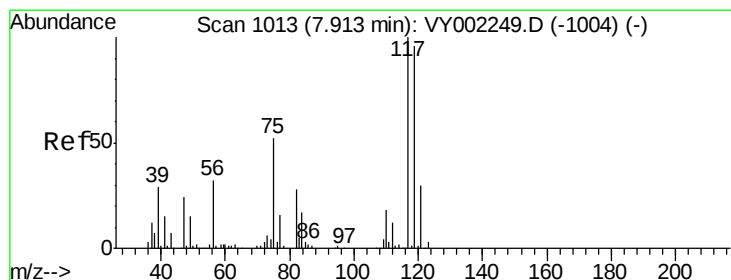
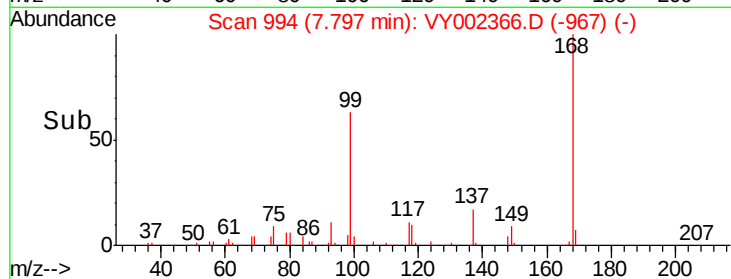
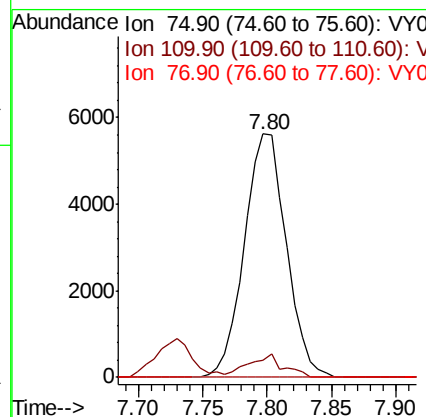
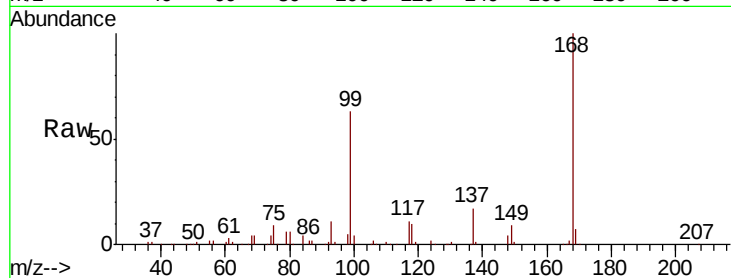




#36
 1,1-Dichloropropene
 Concen: 4.150 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002366.D
 Acq: 16 Apr 2020 14:54

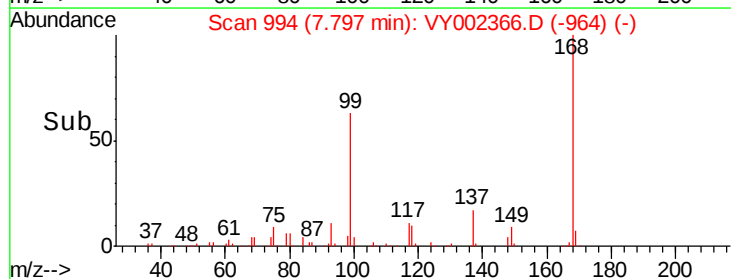
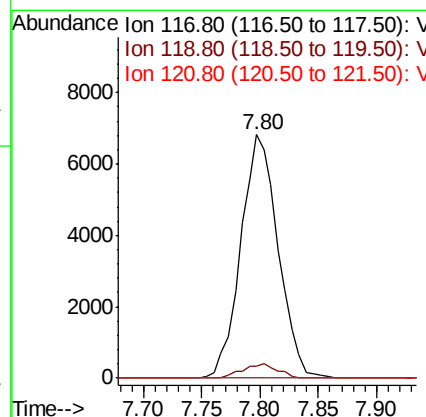
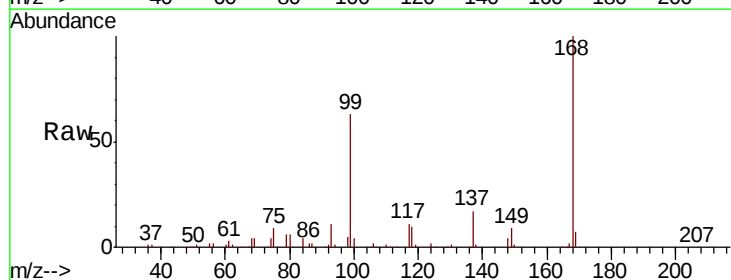
Instrument :
 MSVOA_Y
 ClientSampled :

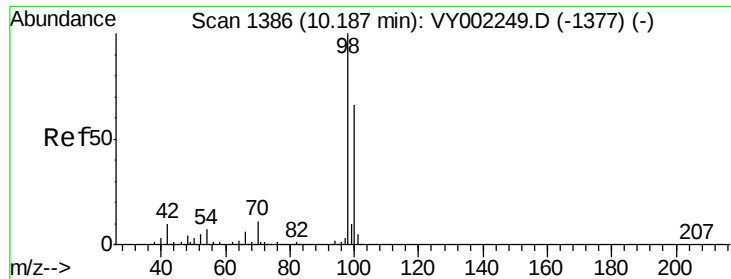
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.824 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY002366.D
 Acq: 16 Apr 2020 14:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 47.114 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002366.D

Acq: 16 Apr 2020 14:54

Instrument :

MSVOA_Y

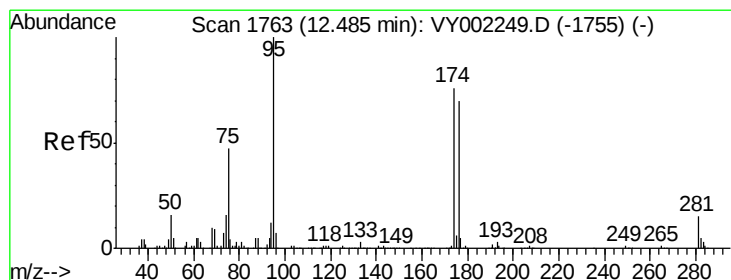
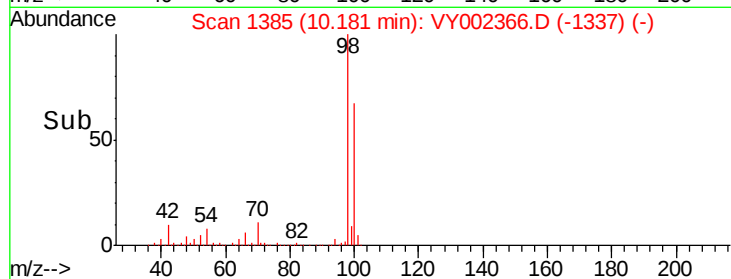
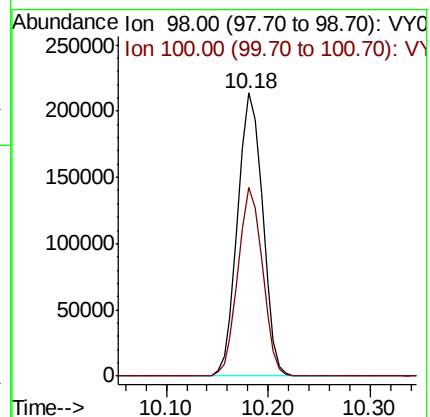
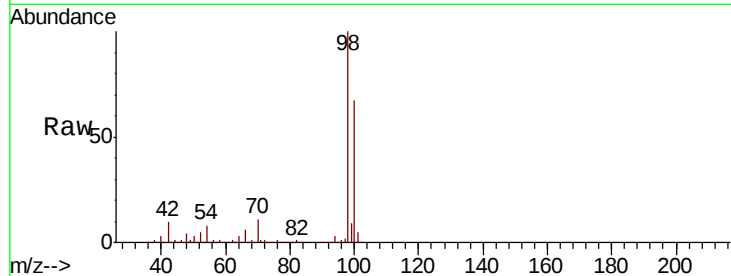
ClientSampleId :

Tot Ion: 98 Resp: 363326

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 47.988 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002366.D

Acq: 16 Apr 2020 14:54

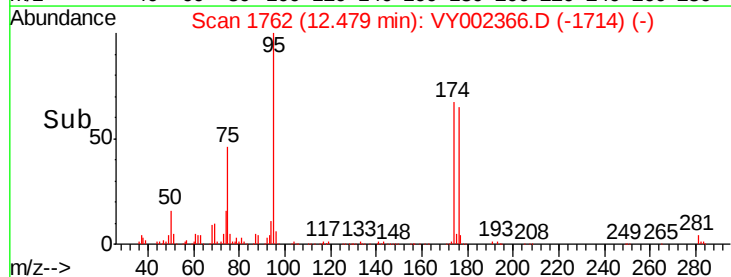
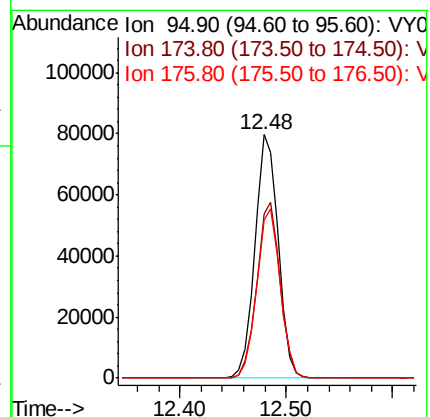
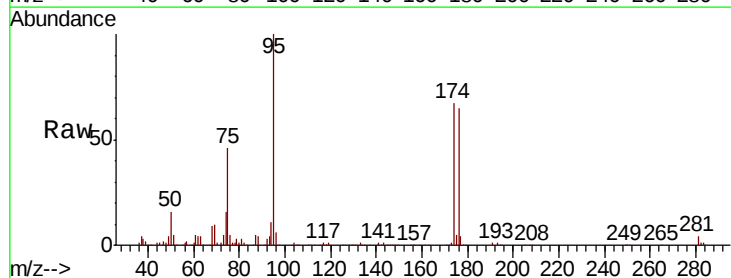
Tgt Ion: 95 Resp: 122090

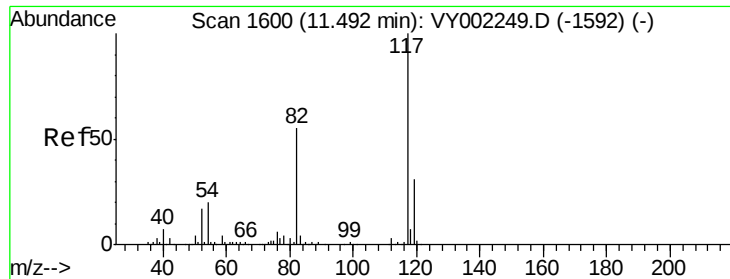
Ion Ratio Lower Upper

95 100

174 72.3 0.0 150.6

176 70.0 0.0 141.4

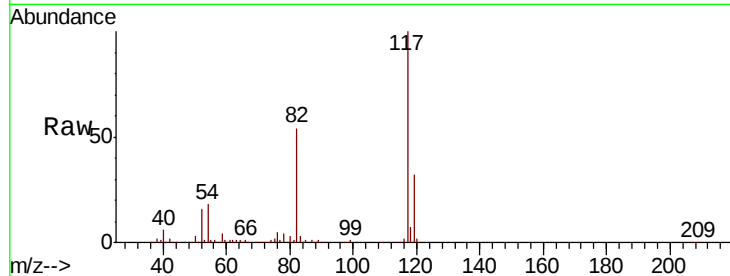




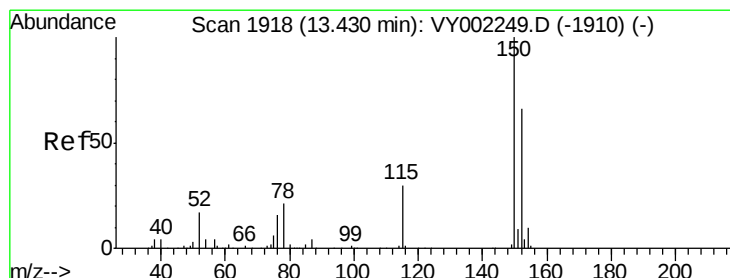
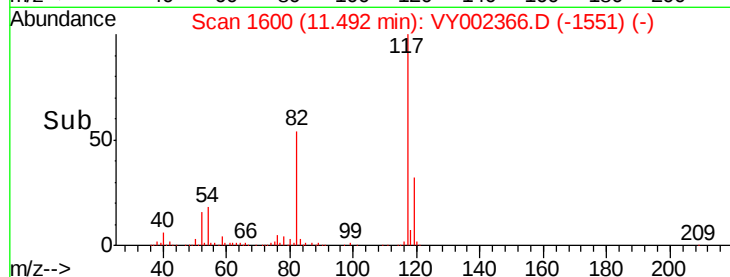
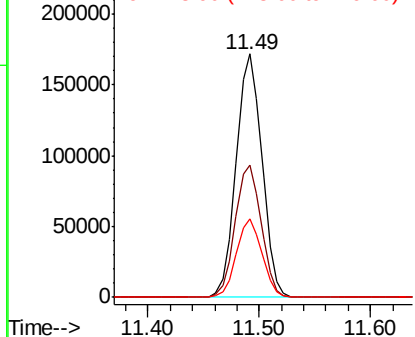
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002366.D
Acq: 16 Apr 2020 14:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 275578
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.4
119 32.0 25.1 37.7

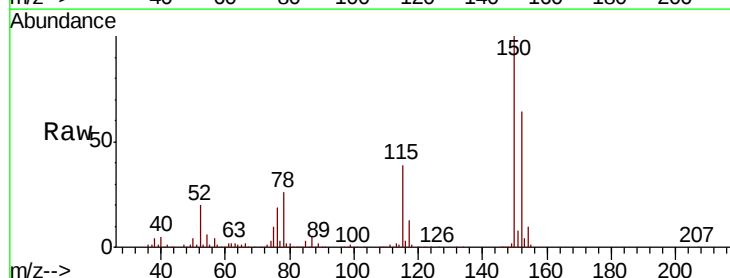


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

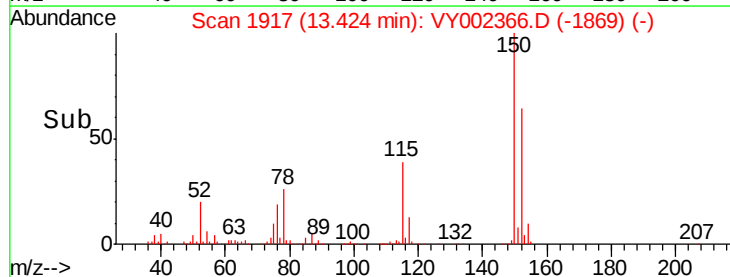
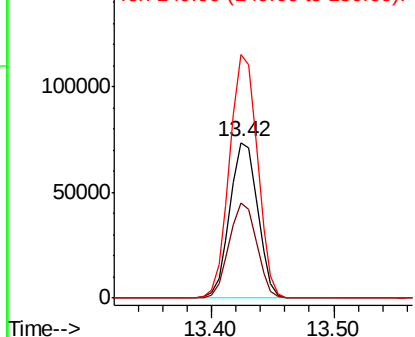


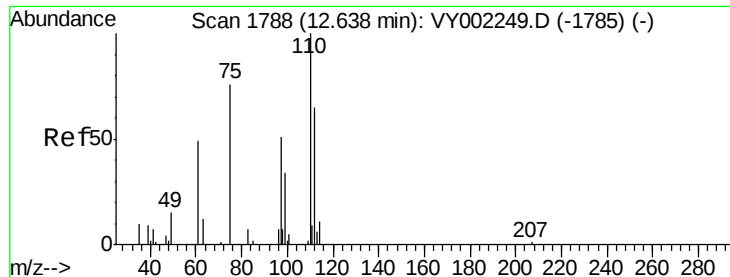
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002366.D
Acq: 16 Apr 2020 14:54

Tgt Ion:152 Resp: 116072
Ion Ratio Lower Upper
152 100
115 60.5 30.7 92.1
150 156.4 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





#76

1,2,3-Trichloropropane

Concen: 42.752 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY002366.D

Acq: 16 Apr 2020 14:54

Instrument :

MSVOA_Y

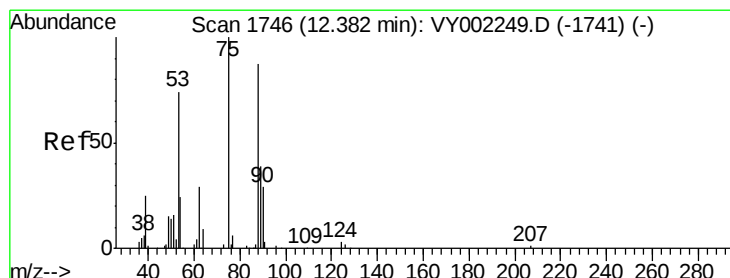
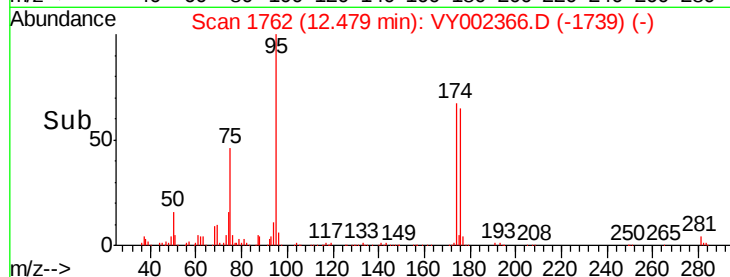
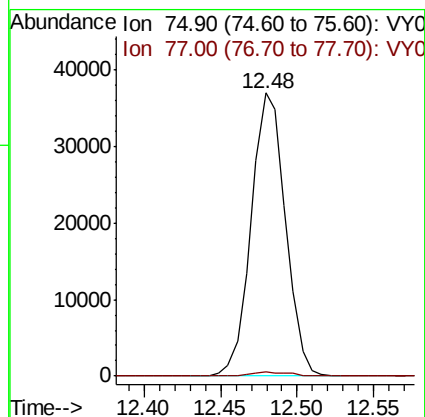
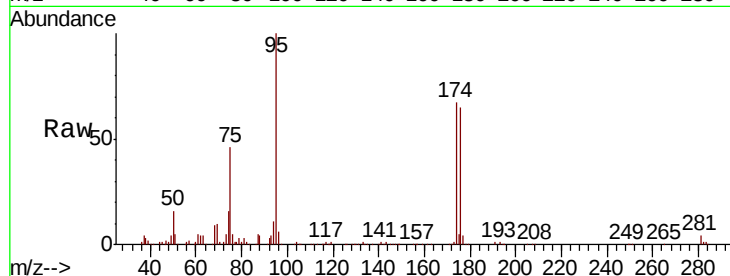
ClientSampleId :

Tot Ion: 75 Resp: 57623

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.152 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002366.D

Acq: 16 Apr 2020 14:54

Tgt Ion: 75 Resp: 57623

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.1 37.0 55.6#

