

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002537.D
 Acq On : 04 May 2020 13:49
 Operator : SY/MD
 Sample : L2452-05
 Misc : 6.21G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 227

Quant Time: May 05 07:05:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	302934	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	494033	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	443049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216437	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	154344	60.60	ug/l	-0.01
Spiked Amount			Recovery	=	121.20%	
35) Dibromofluoromethane	7.72	113	150846	53.39	ug/l	-0.01
Spiked Amount			Recovery	=	106.78%	
50) Toluene-d8	10.18	98	574067	52.03	ug/l	-0.01
Spiked Amount			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.48	95	186776	49.89	ug/l	-0.01
Spiked Amount			Recovery	=	99.78%	

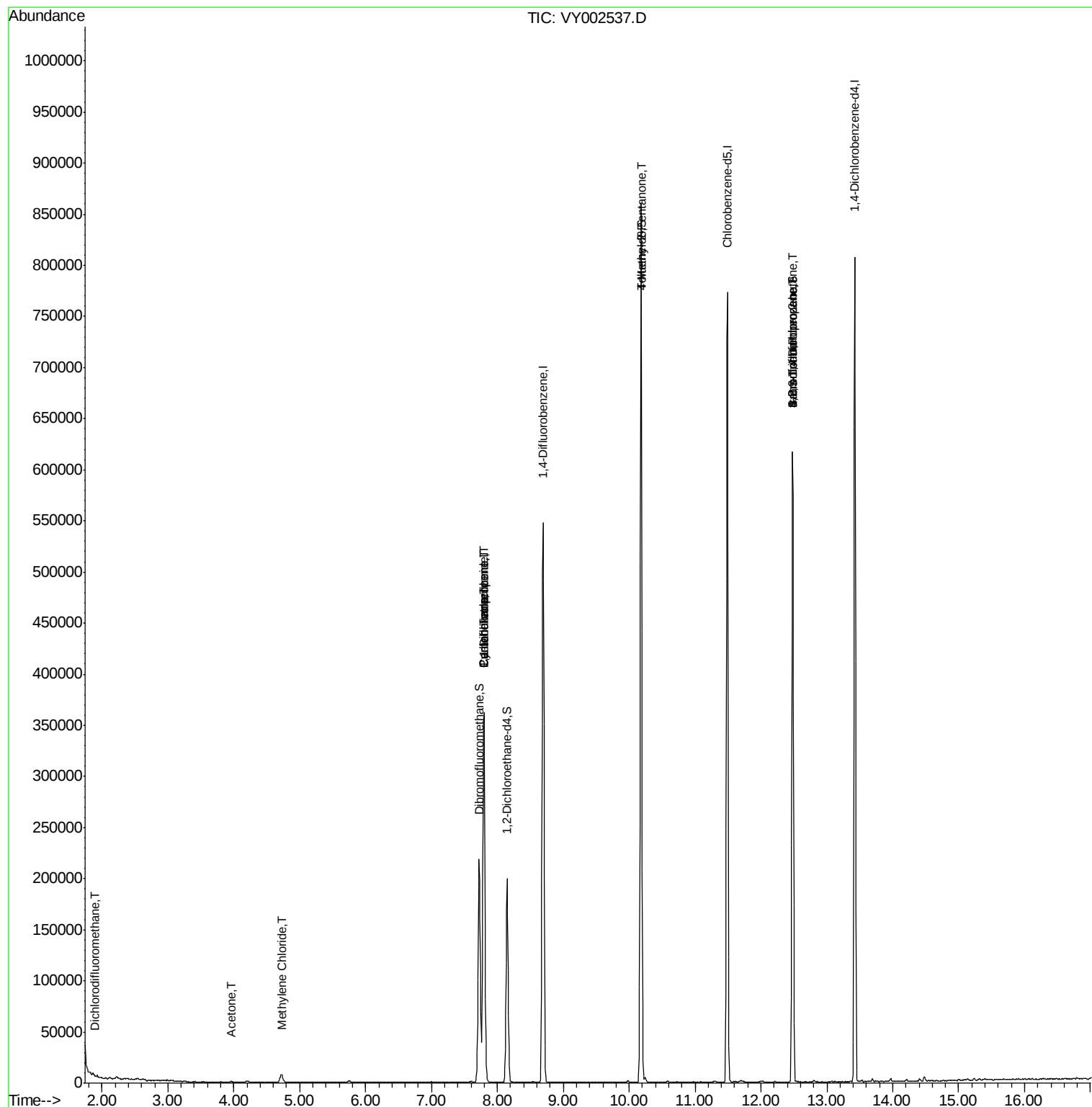
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	110	1.827	ug/l #	43
16) Acetone	3.96	43	1036	1.971	ug/l #	81
20) Methylene Chloride	4.72	84	6367	2.166	ug/l	88
31) Cyclohexane	7.80	56	4642	1.014	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	18970	4.580	ug/l #	50
38) Carbon Tetrachloride	7.80	117	27734	6.134	ug/l #	18
51) 4-Methyl-2-Pentanone	10.18	43	2179	1.060	ug/l #	1
71) Bromoform	12.49	173	2018	1.040	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	91372	47.505	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	91372	95.257	ug/l #	15

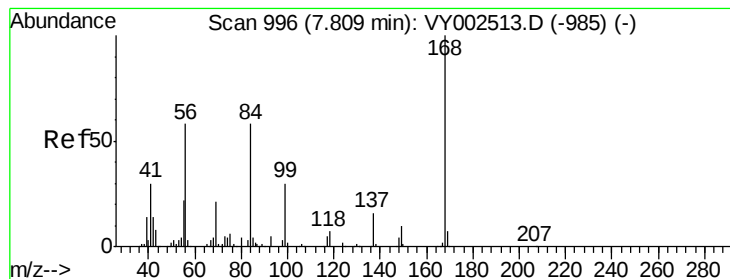
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
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Quant Time: May 05 07:05:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002537.D

Acq: 04 May 2020 13:49

Instrument :

MSVOA_Y

ClientSampleId :

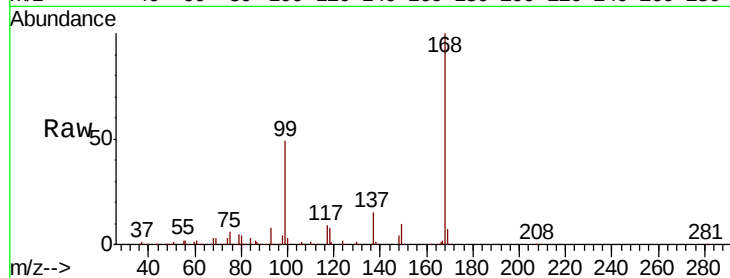
227

Tot Ion:168 Resp: 302934

Ion Ratio Lower Upper

168 100

99 49.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

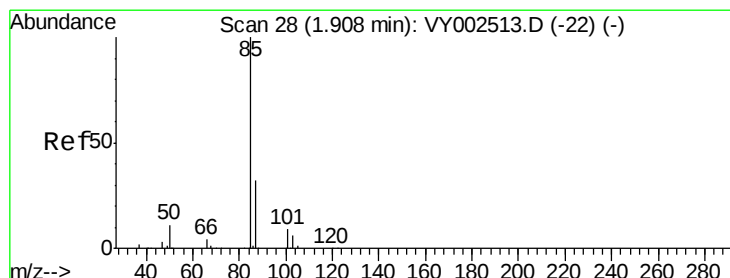
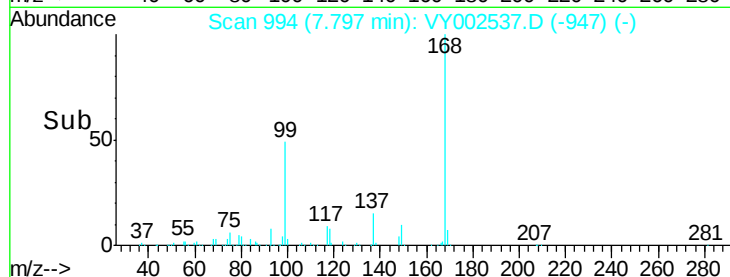
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.827 ug/l

RT: 1.90 min Scan# 26

Delta R.T. -0.01 min

Lab File: VY002537.D

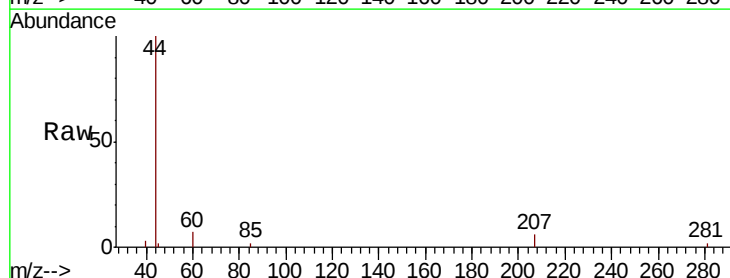
Acq: 04 May 2020 13:49

Tgt Ion: 85 Resp: 110

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.90

120

100

80

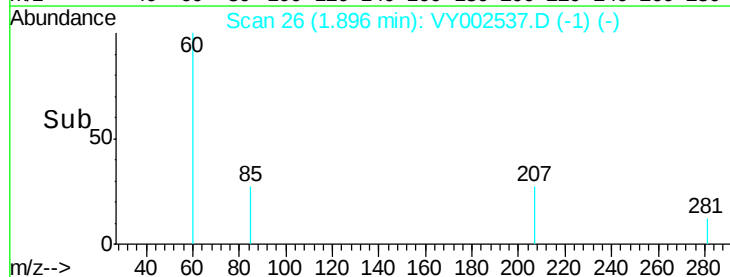
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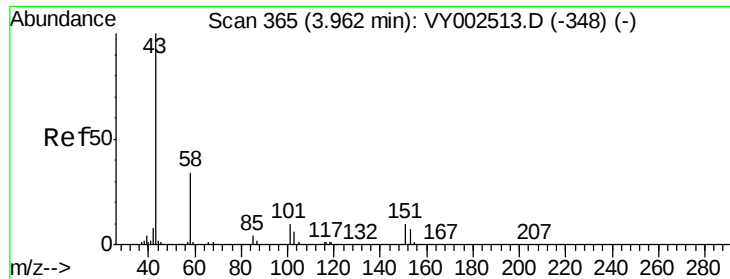
40

20

0

Time-->





#16

Acetone

Concen: 1.971 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002537.D

Acq: 04 May 2020 13:49

Instrument :

MSVOA_Y

ClientSampleId :

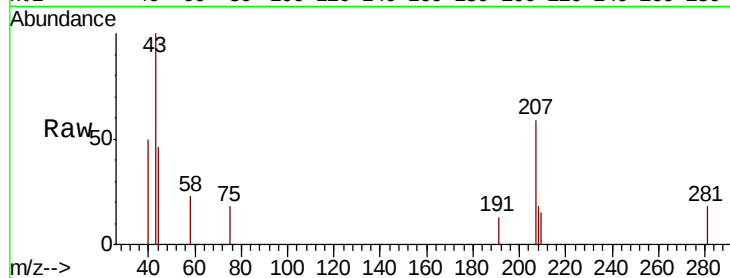
227

Tot Ion: 43 Resp: 1036

Ion Ratio Lower Upper

43 100

58 22.6 26.9 40.3#



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

3.96

400

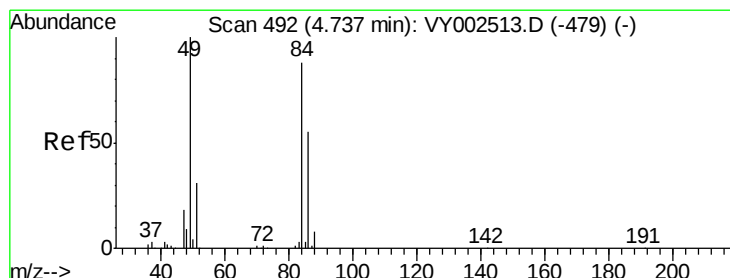
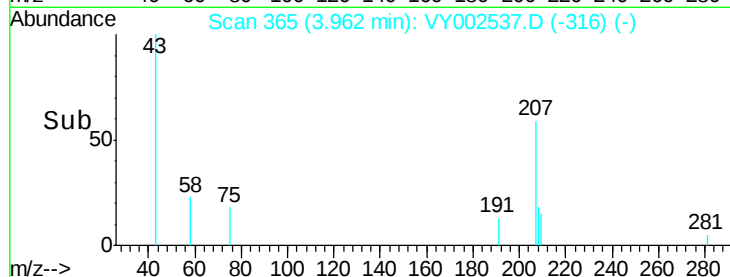
300

200

100

0

Time-->



#20

Methylene Chloride

Concen: 2.166 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.01 min

Lab File: VY002537.D

Acq: 04 May 2020 13:49

Tgt Ion: 84 Resp: 6367

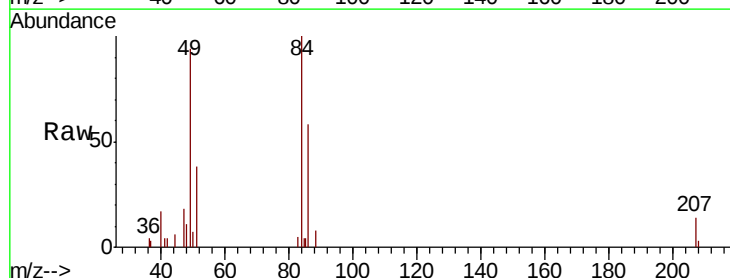
Ion Ratio Lower Upper

84 100

49 94.2 90.5 135.7

51 38.3 28.3 42.5

86 58.4 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VY002513.D (-479) (-)

Ion 48.90 (48.60 to 49.60): VY002513.D (-479) (-)

Ion 50.90 (50.60 to 51.60): VY002513.D (-479) (-)

Ion 85.90 (85.60 to 86.60): VY002513.D (-479) (-)

4.72

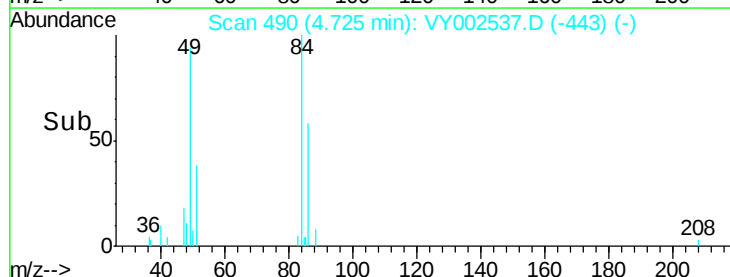
3000

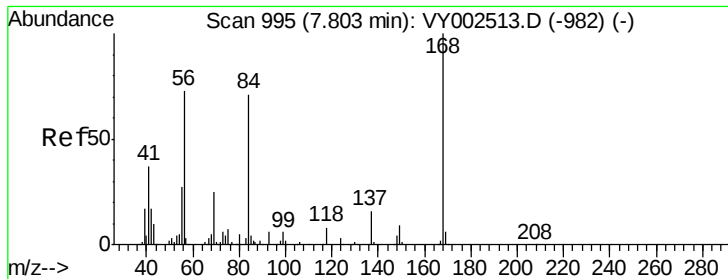
2000

1000

0

Time-->

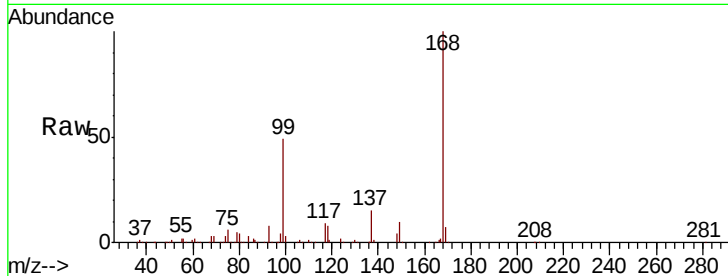




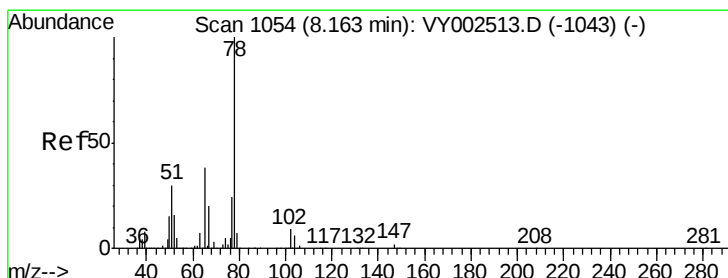
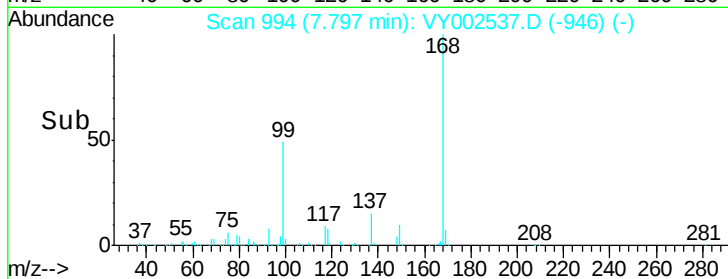
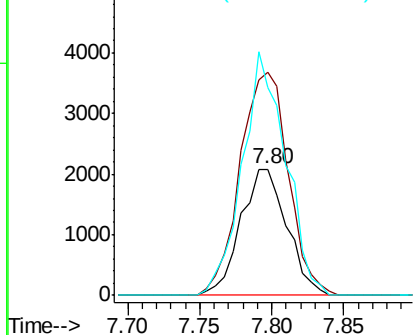
#31
Cyclohexane
Concen: 1.014 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Instrument :
MSVOA_Y
ClientSampled :
227

Tot Ion: 56 Resp: 4642
Ion Ratio Lower Upper
56 100
69 176.2 27.6 41.4#
84 164.4 77.7 116.5#

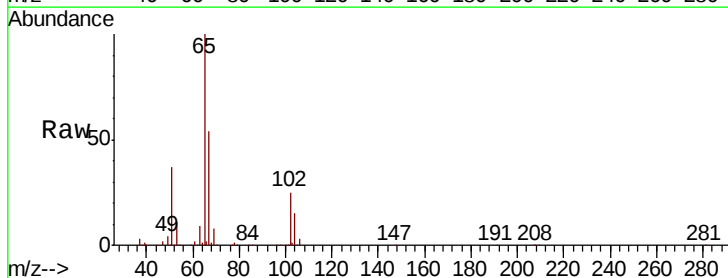


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

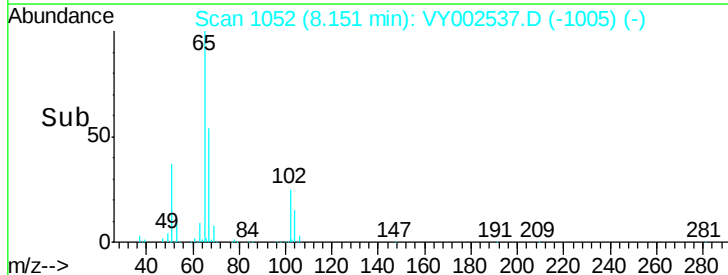
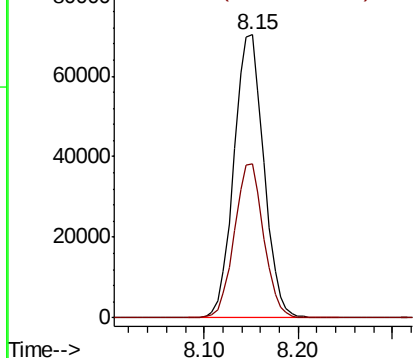


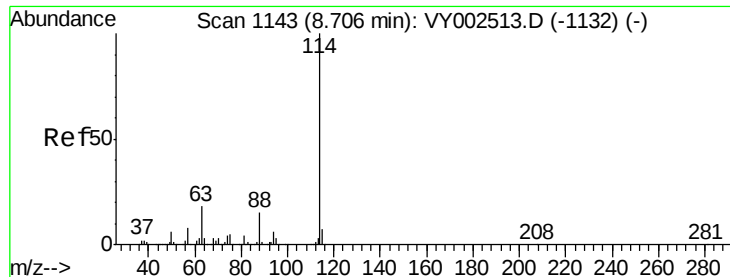
#33
1,2-Dichloroethane-d4
Concen: 60.595 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Tgt Ion: 65 Resp: 154344
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

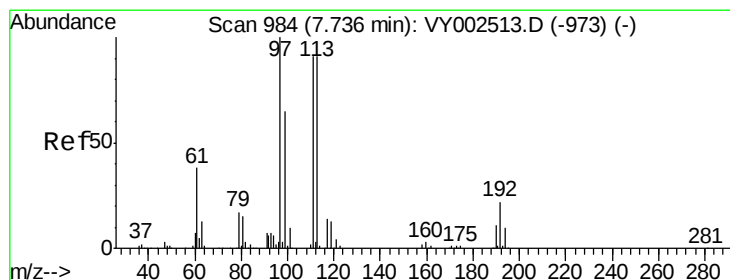
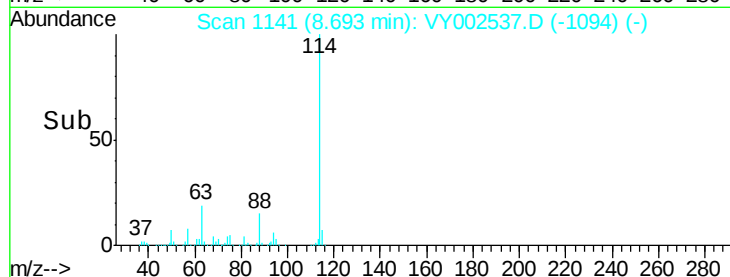
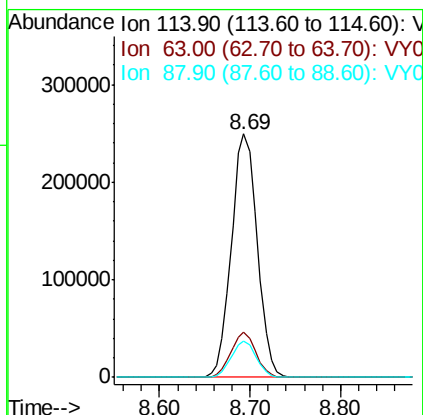
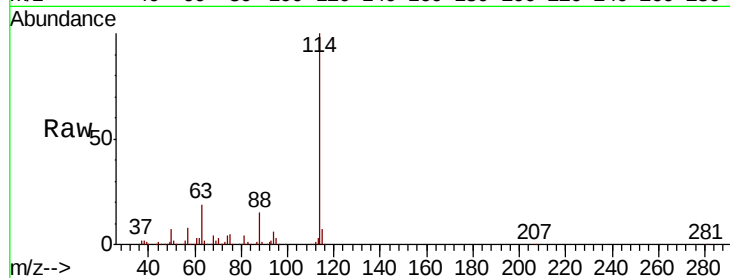




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002537.D
 Acq: 04 May 2020 13:49

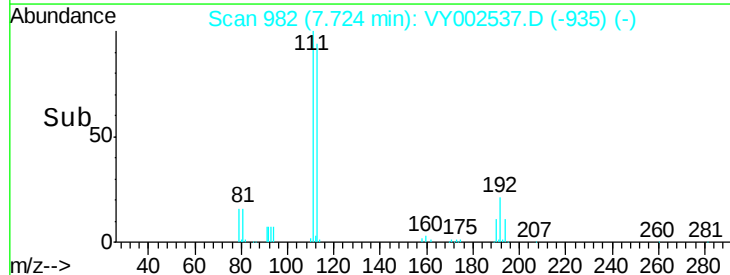
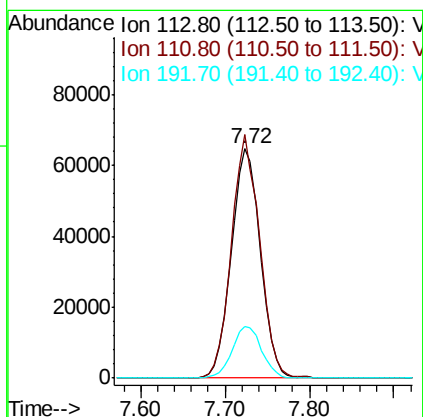
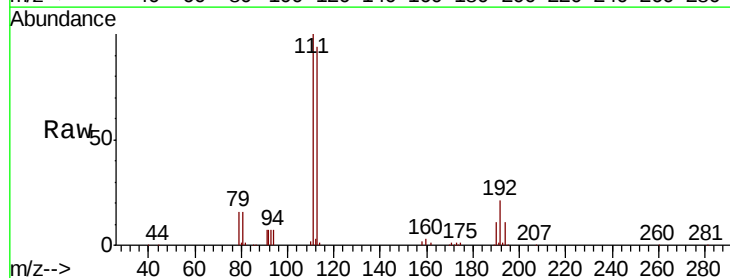
Instrument :
 MSVOA_Y
 ClientSampleId :
 227

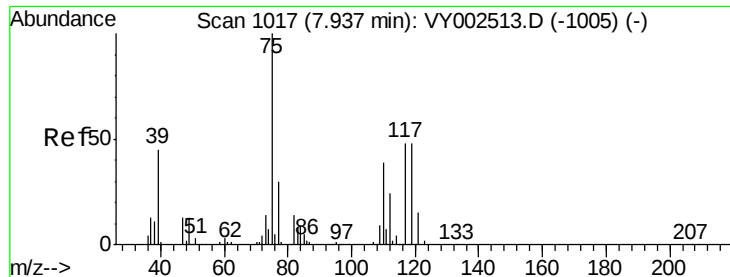
Tot Ion:114	Resp:	494033
Ion	Ratio	Lower Upper
114	100	
63	18.6	0.0 36.4
88	14.7	0.0 29.6



#35
 Dibromofluoromethane
 Concen: 53.389 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002537.D
 Acq: 04 May 2020 13:49

Tgt Ion:113	Resp:	150846
Ion	Ratio	Lower Upper
113	100	
111	103.3	81.8 122.6
192	22.8	18.2 27.4

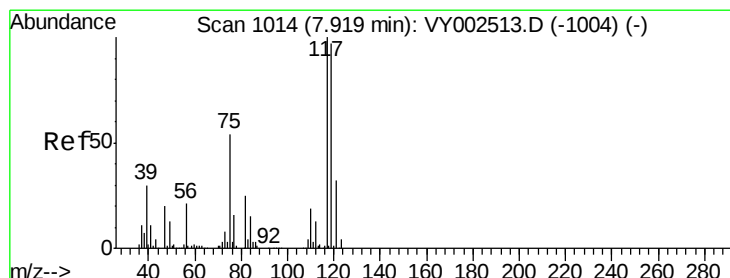
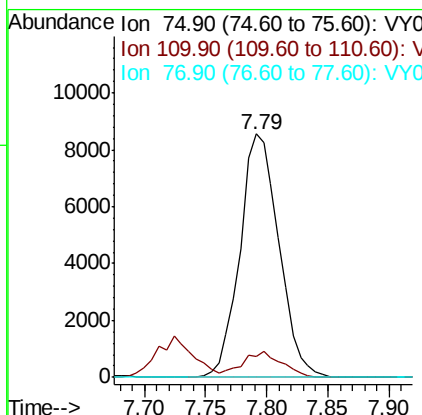
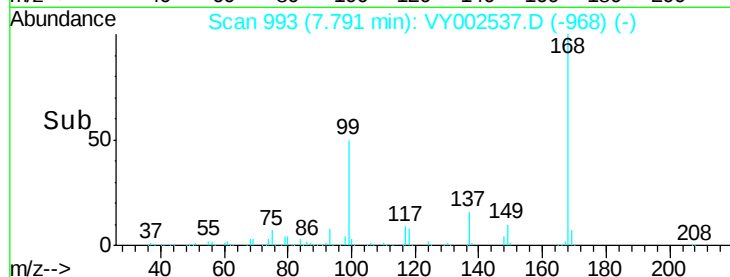
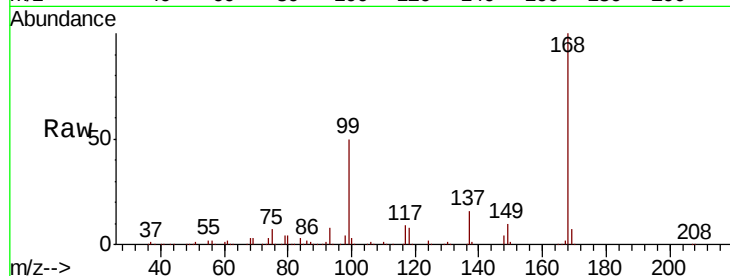




#36
 1,1-Dichloropropene
 Concen: 4.580 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.15 min
 Lab File: VY002537.D
 Acq: 04 May 2020 13:49

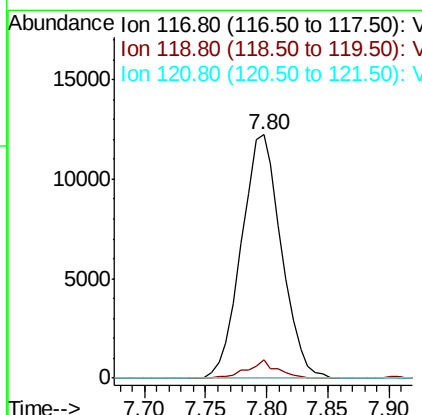
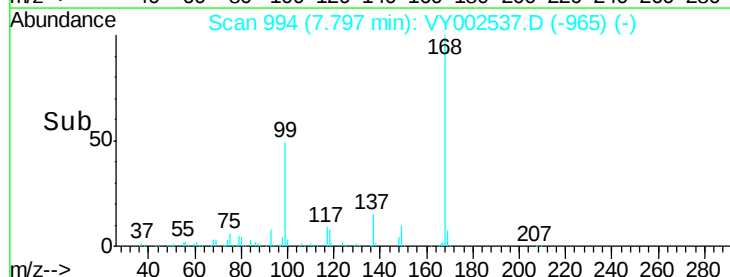
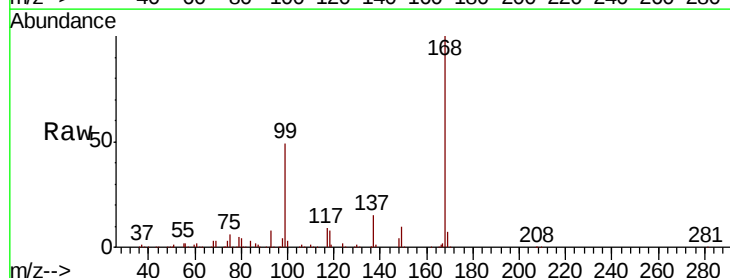
Instrument :
 MSVOA_Y
 ClientSampled :
 227

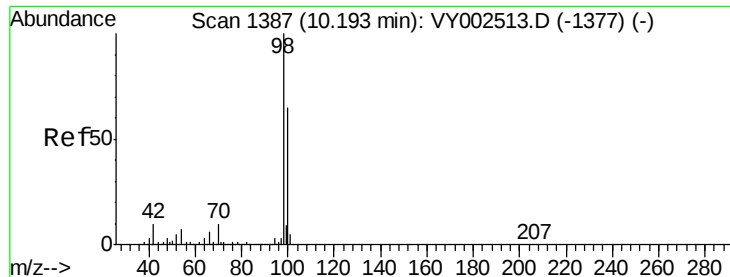
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.9	19.1	57.3#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.134 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY002537.D
 Acq: 04 May 2020 13:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.6	77.1	115.7#
121	0.0	25.2	37.8#





#50

Toluene-d8

Concen: 52.029 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002537.D

Acq: 04 May 2020 13:49

Instrument :

MSVOA_Y

ClientSampleId :

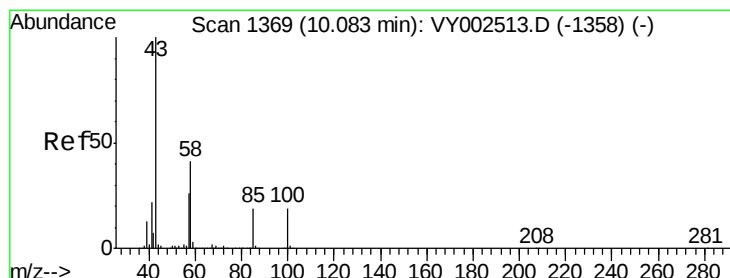
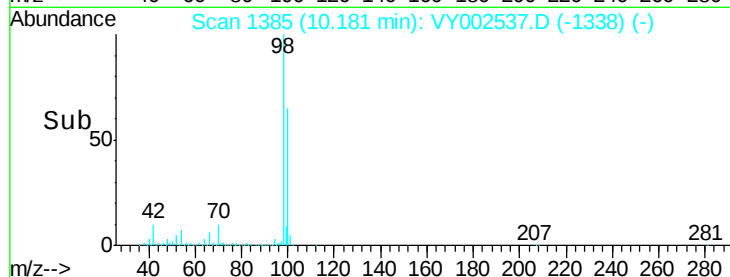
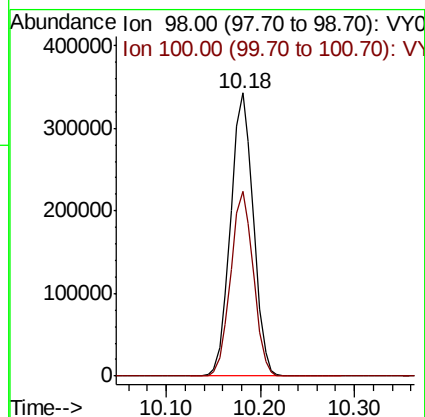
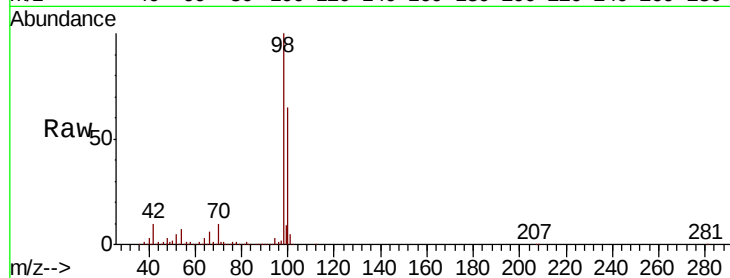
227

Tot Ion: 98 Resp: 574067

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 1.060 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.10 min

Lab File: VY002537.D

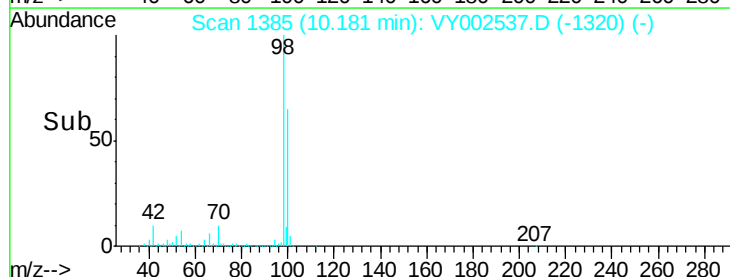
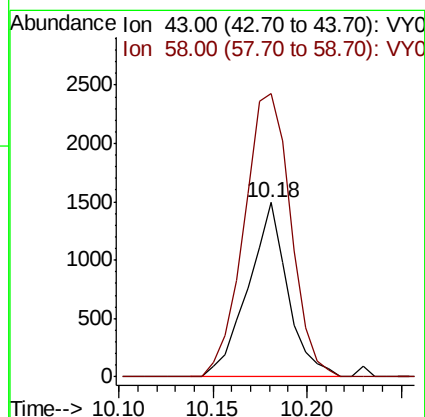
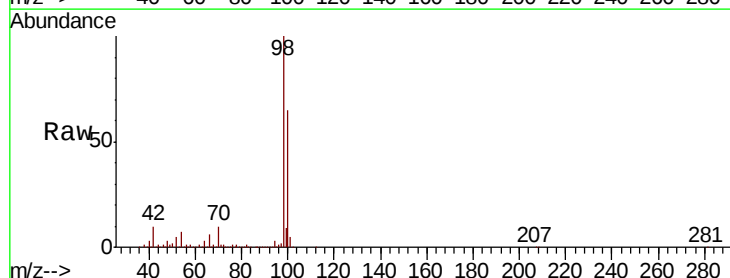
Acq: 04 May 2020 13:49

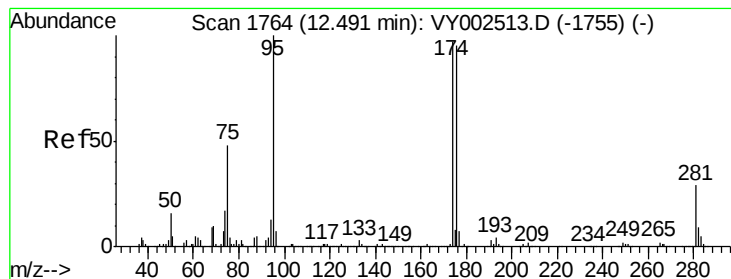
Tgt Ion: 43 Resp: 2179

Ion Ratio Lower Upper

43 100

58 191.1 33.2 49.8#





#62

4-Bromofluorobenzene

Concen: 49.887 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002537.D

Acq: 04 May 2020 13:49

Instrument :

MSVOA_Y

ClientSampleId :

227

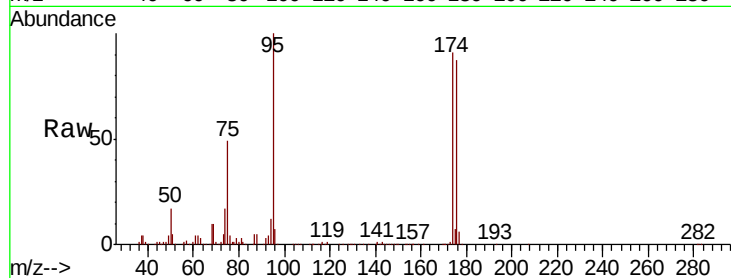
Tot Ion: 95 Resp: 186776

Ion Ratio Lower Upper

95 100

174 94.2 0.0 188.8

176 92.0 0.0 183.2



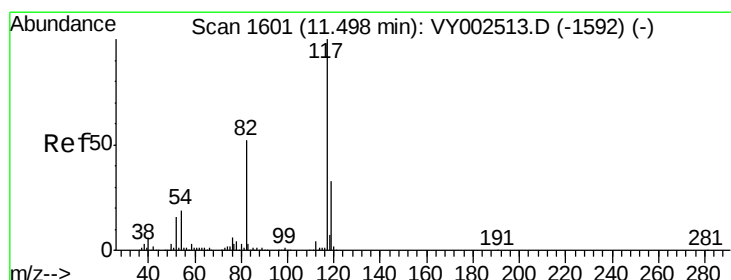
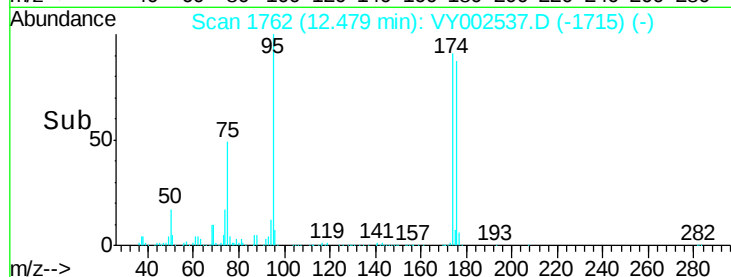
Abundance Ion 94.90 (94.60 to 95.60): VY002537.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002537.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002537.D (-1755) (-)

12.48

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY002537.D

Acq: 04 May 2020 13:49

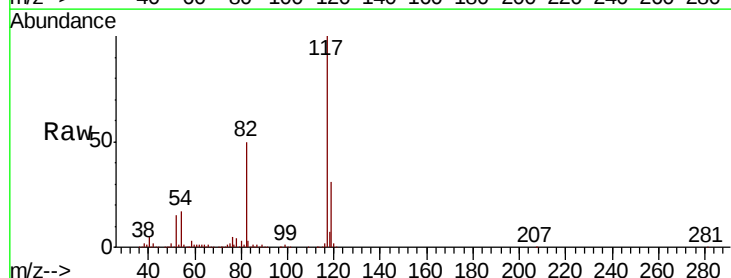
Tgt Ion: 117 Resp: 443049

Ion Ratio Lower Upper

117 100

82 50.5 41.3 61.9

119 31.3 26.0 39.0



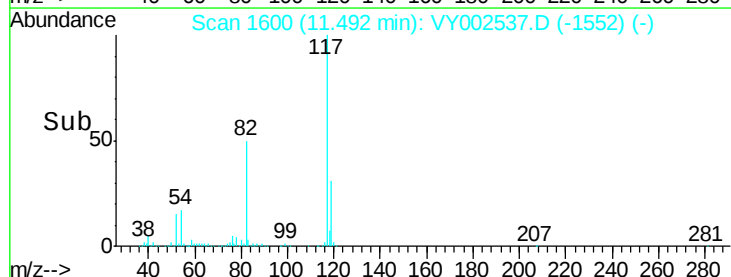
Abundance Ion 116.90 (116.60 to 117.60): VY002537.D (-1592) (-)

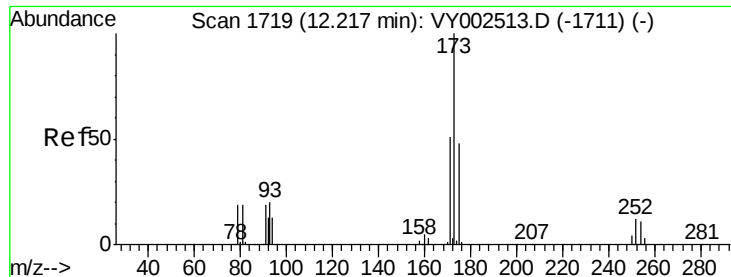
Ion 82.00 (81.70 to 82.70): VY002537.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002537.D (-1592) (-)

11.49

Time-->

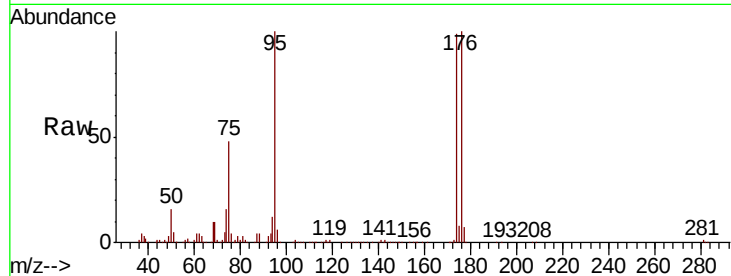




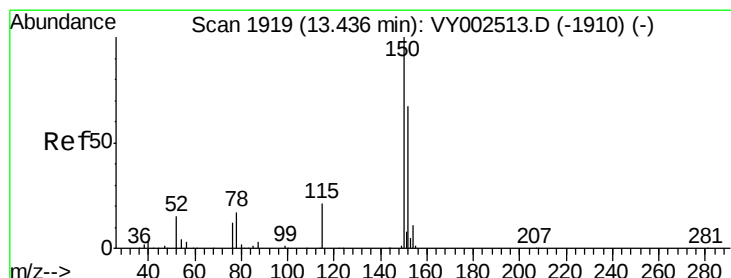
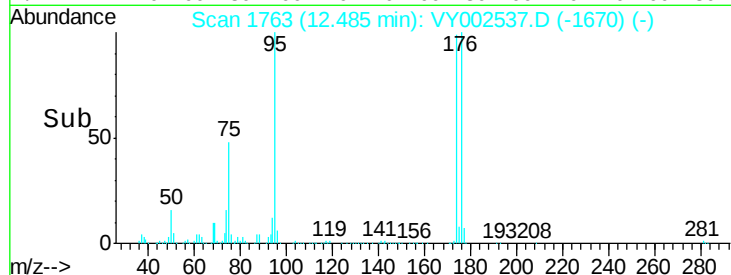
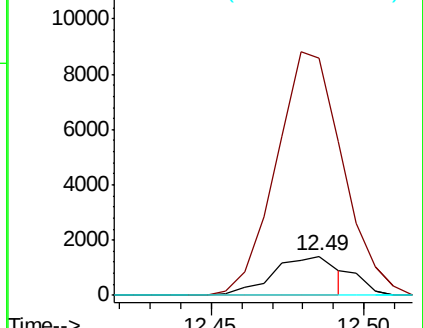
#71
Bromoform
Concen: 1.040 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.27 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Instrument :
MSVOA_Y
ClientSampleId :
227

Tot Ion:173 Resp: 2018
Ion Ratio Lower Upper
173 100
175 591.6 24.3 72.8#
254 0.0 0.2 0.2#

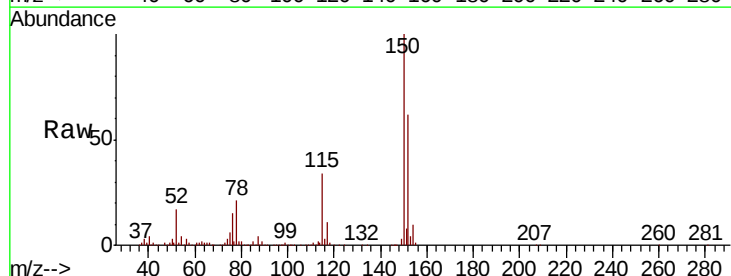


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

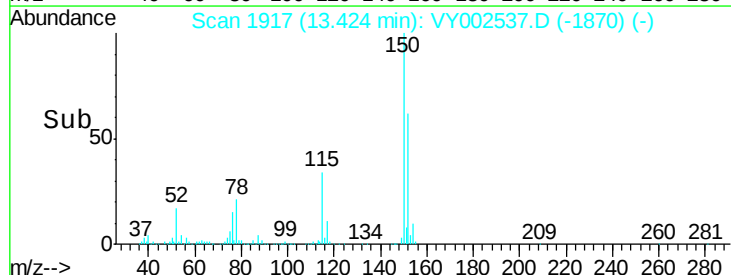
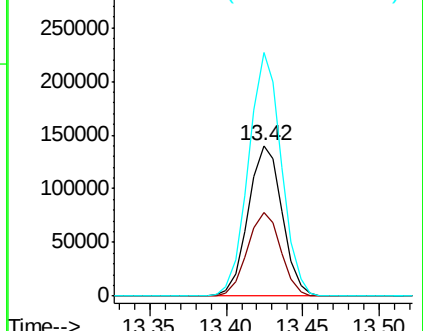


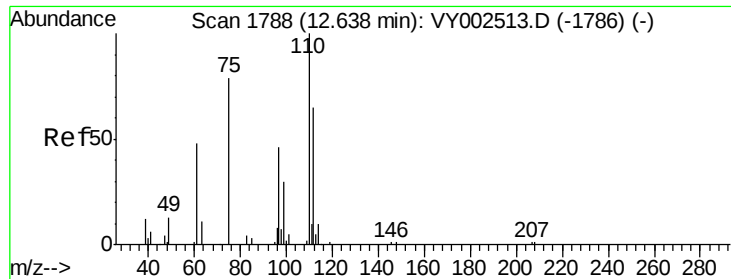
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002537.D
Acq: 04 May 2020 13:49

Tgt Ion:152 Resp: 216437
Ion Ratio Lower Upper
152 100
115 54.9 27.5 82.4
150 156.7 0.0 346.4



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: 47.505 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY002537.D

Acq: 04 May 2020 13:49

Instrument :

MSVOA_Y

ClientSampleId :

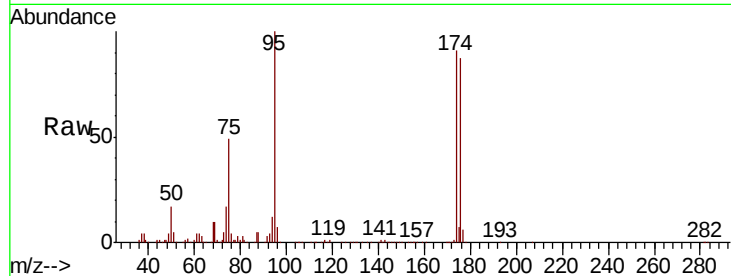
227

Tot Ion: 75 Resp: 91372

Ion Ratio Lower Upper

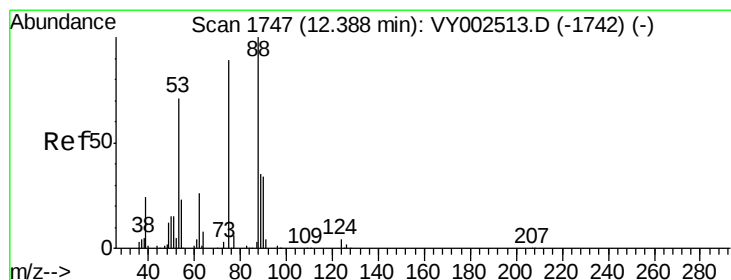
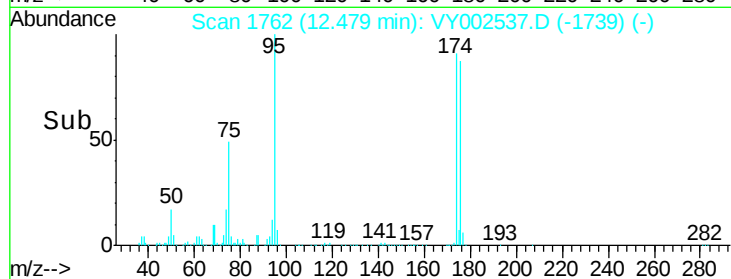
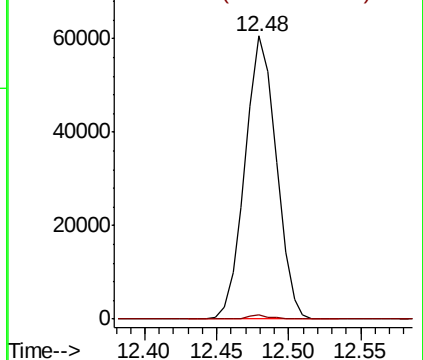
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 95.257 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY002537.D

Acq: 04 May 2020 13:49

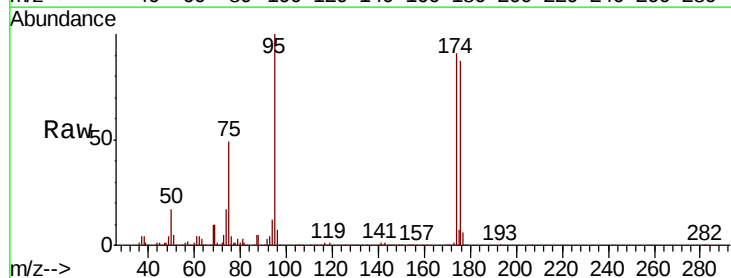
Tgt Ion: 75 Resp: 91372

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.0#

89 0.0 37.4 56.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

