

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002290.D
 Acq On : 13 Apr 2020 19:00
 Operator : SY/MD
 Sample : L2229-31
 Misc : 5.50G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 07:27:43 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

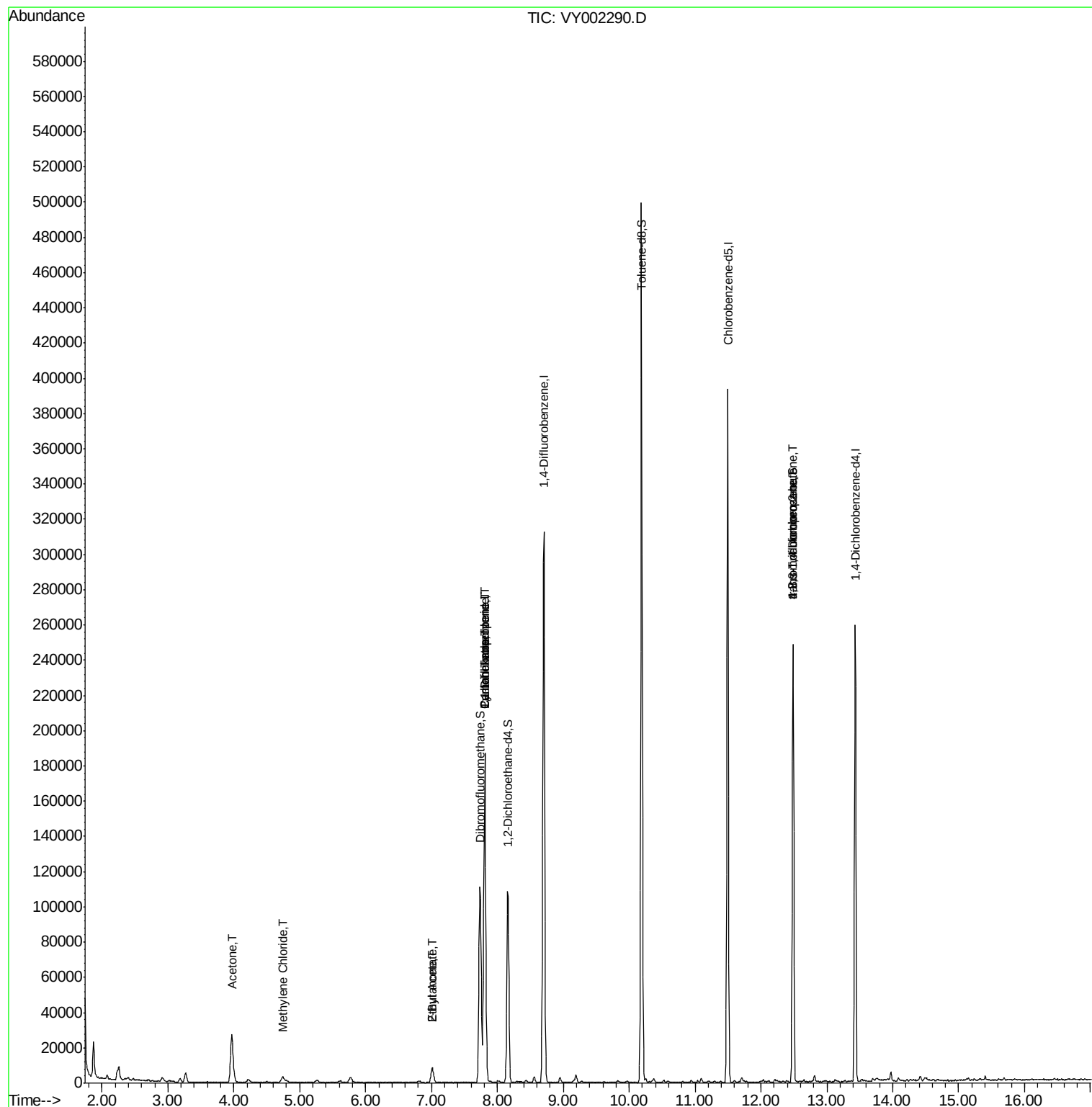
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	139527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	268113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	214858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	62043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	78790	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	7.74	113	81496	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
50) Toluene-d8	10.19	98	321016	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
62) 4-Bromofluorobenzene	12.49	95	81003	36.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.54%	
Target Compounds				Qvalue		
16) Acetone	3.97	43	47797	116.956	ug/l	99
20) Methylene Chloride	4.75	84	2283	1.137	ug/l #	82
25) 2-Butanone	7.01	43	14512	22.438	ug/l	98
31) Cyclohexane	7.81	56	4013	1.228	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	11293	4.276	ug/l #	50
37) Ethyl Acetate	7.01	43	14512	9.619	ug/l #	67
38) Carbon Tetrachloride	7.81	117	13778	6.099	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	39302	54.552	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	39302	106.102	ug/l #	19

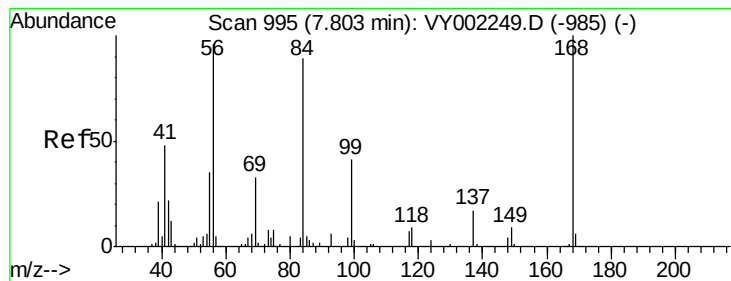
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 08 15:15:02 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: VY002290.D

Acq: 13 Apr 2020 19:00

Instrument :

MSVOA_Y

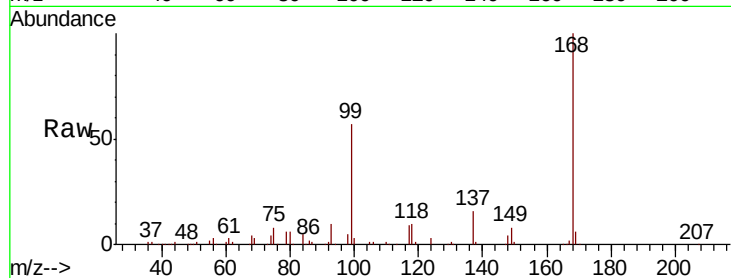
ClientSampled :

Tot Ion:168 Resp: 139527

Ion Ratio Lower Upper

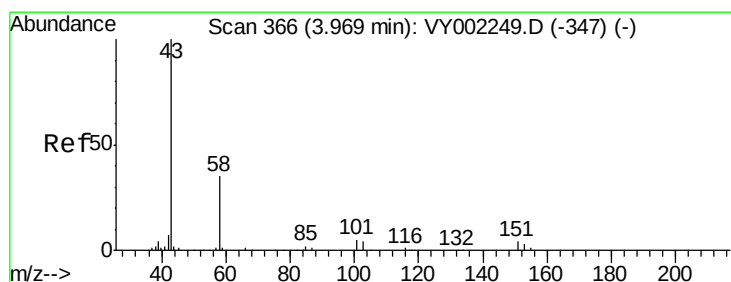
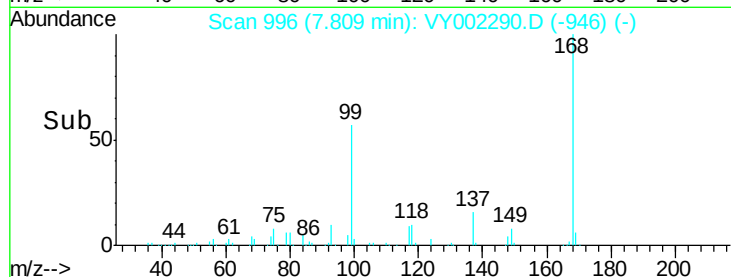
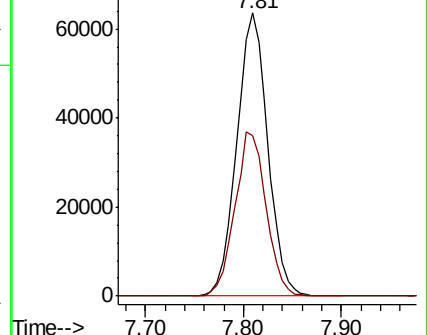
168 100

99 56.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002290.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002290.D (-985) (-)



#16

Acetone

Concen: 116.956 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002290.D

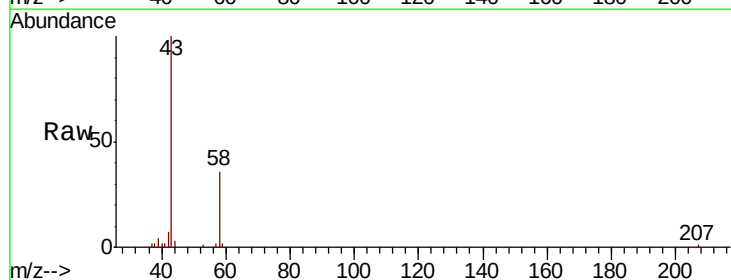
Acq: 13 Apr 2020 19:00

Tgt Ion: 43 Resp: 47797

Ion Ratio Lower Upper

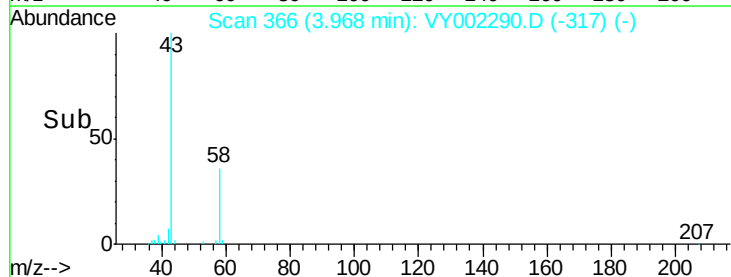
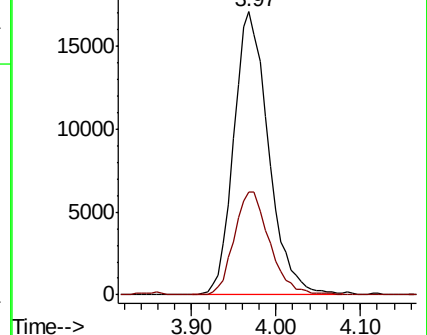
43 100

58 36.1 28.5 42.7



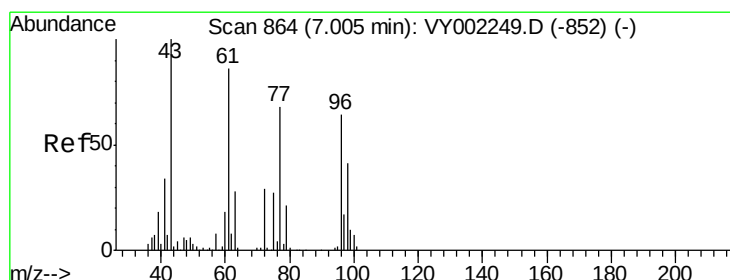
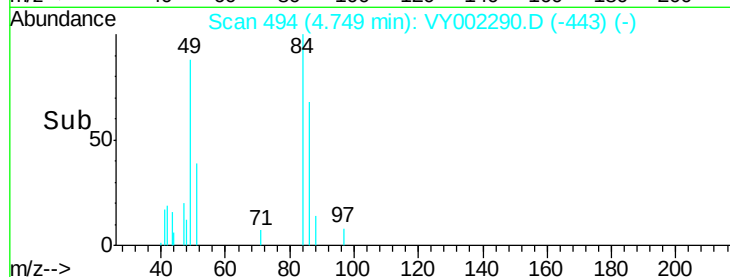
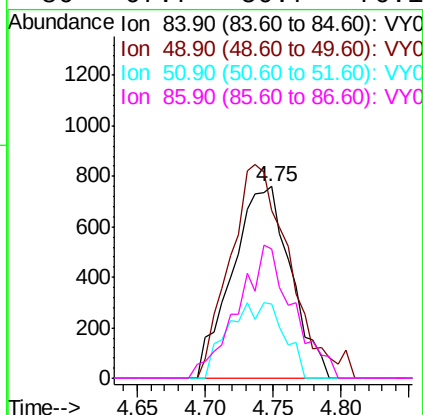
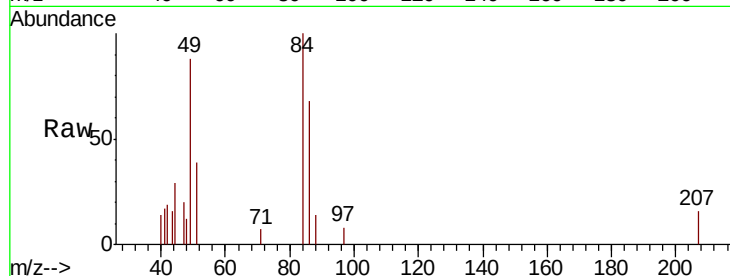
Abundance Ion 43.00 (42.70 to 43.70): VY002290.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002290.D (-347) (-)



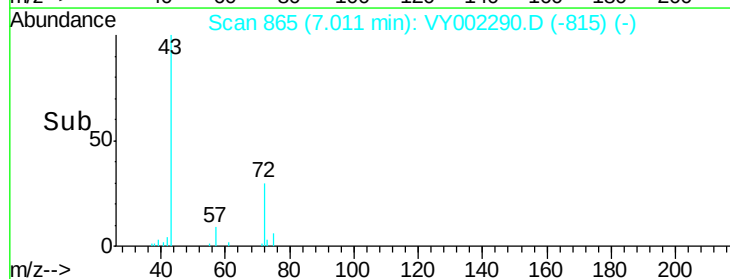
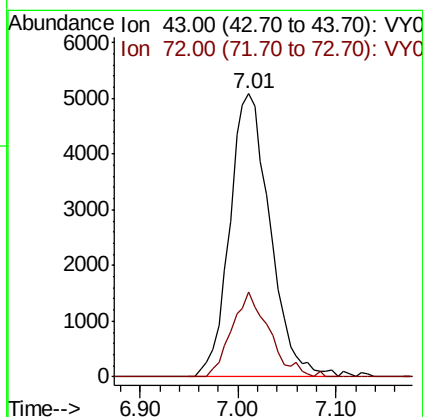
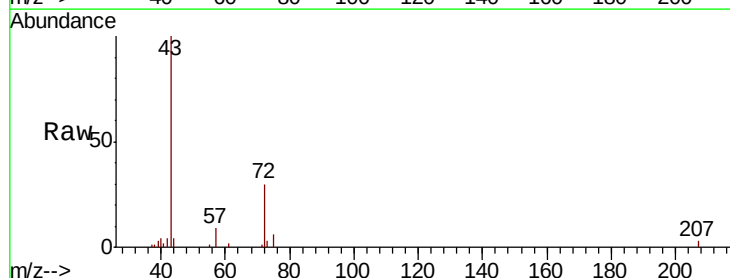


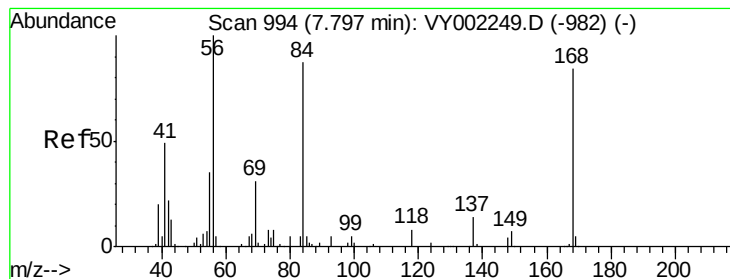
Tat	Ion: 84	Resp:	2283
Ion	Ratio	Lower	Upper
84	100		
49	87.6	95.5	143.3#
51	38.6	29.5	44.3
86	67.7	50.7	76.1



#25
2-Butanone
Concen: 22.438 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002290.D
Acq: 13 Apr 2020 19:00

Tgt	Ion: 43	Resp:	14512
Ion	Ratio	Lower	Upper
43	100		
72	30.1	23.2	34.8





#31

Cyclohexane

Concen: 1.228 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002290.D

Acq: 13 Apr 2020 19:00

Instrument :
MSVOA_Y
ClientSampled :

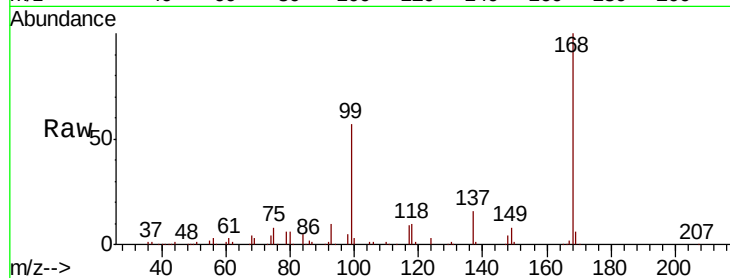
Tot Ion: 56 Resp: 4013

Ion Ratio Lower Upper

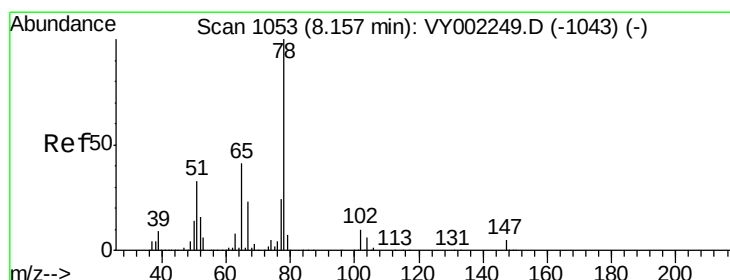
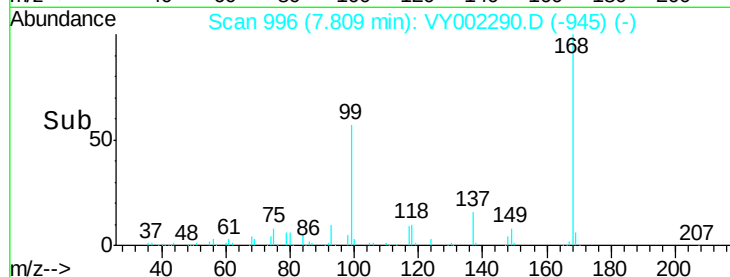
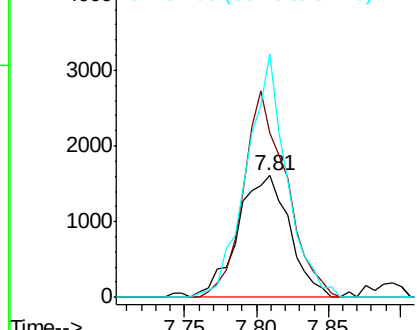
56 100

69 134.8 25.0 37.6#

84 200.2 69.7 104.5#



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: 50.778 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002290.D

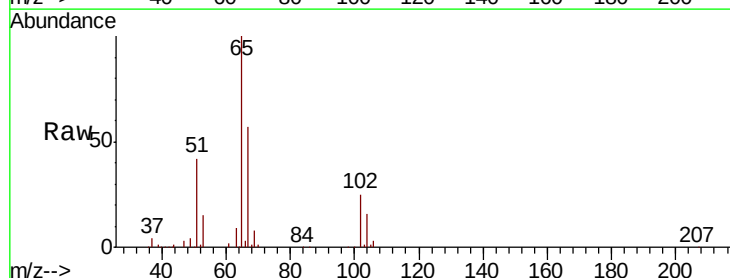
Acq: 13 Apr 2020 19:00

Tgt Ion: 65 Resp: 78790

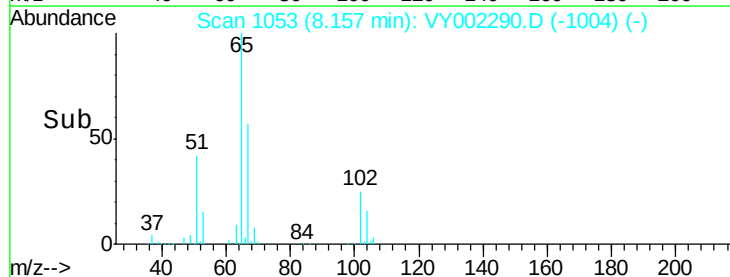
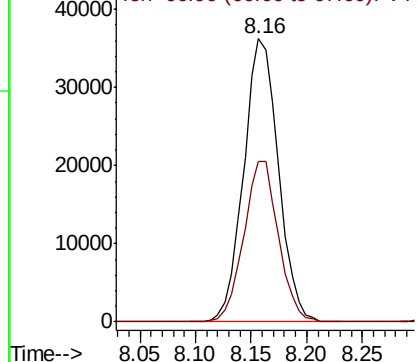
Ion Ratio Lower Upper

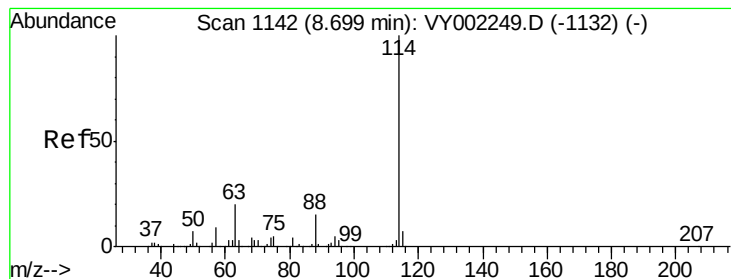
65 100

67 56.3 0.0 114.0



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. 0.01 min

Lab File: VY002290.D

Acq: 13 Apr 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

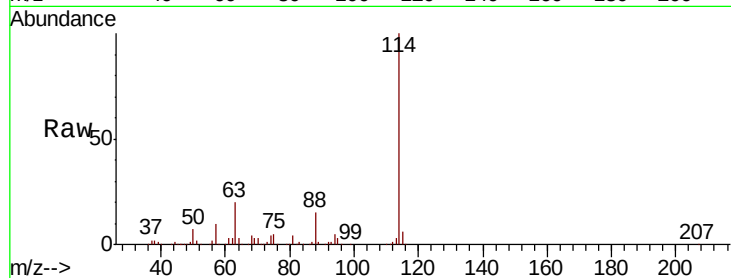
Tot Ion:114 Resp: 268113

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

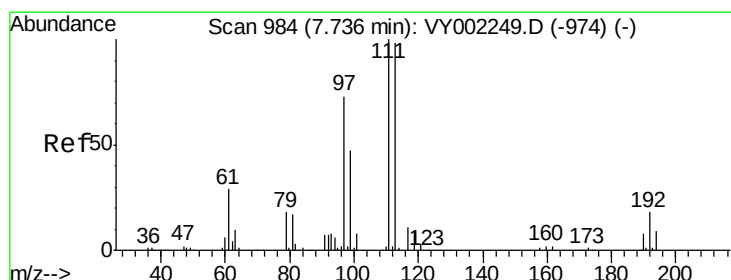
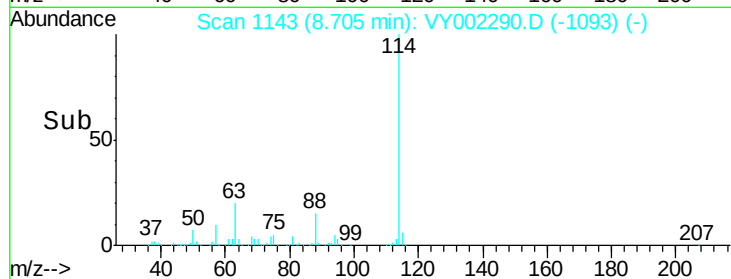
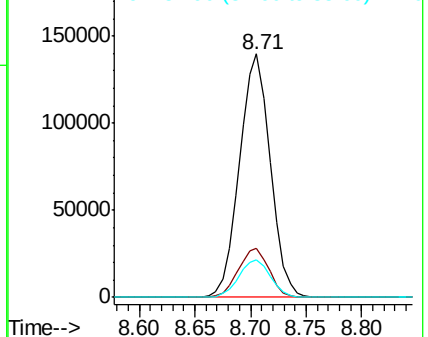
88 15.2 0.0 31.0



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: 51.083 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002290.D

Acq: 13 Apr 2020 19:00

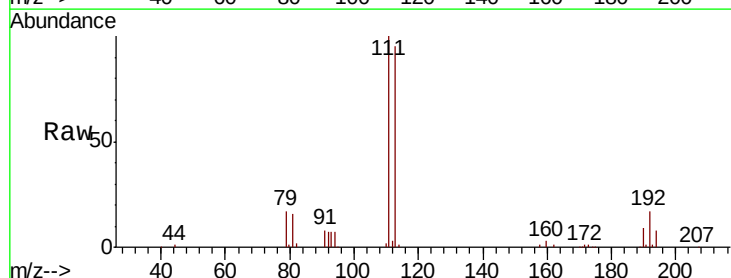
Tgt Ion:113 Resp: 81496

Ion Ratio Lower Upper

113 100

111 102.9 83.5 125.3

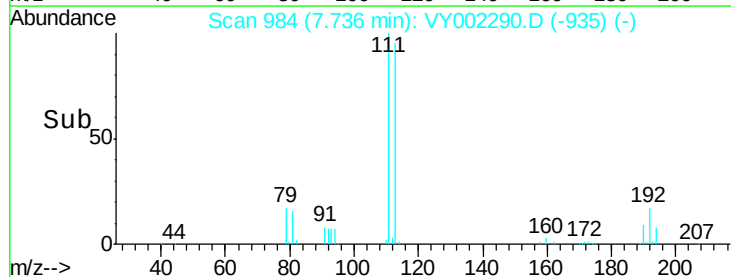
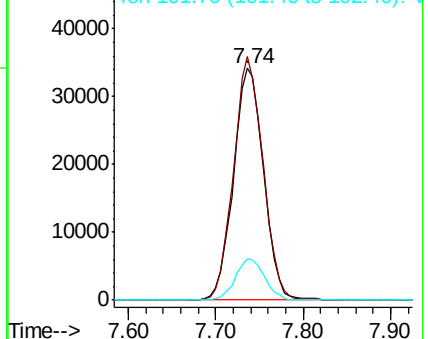
192 17.4 14.7 22.1

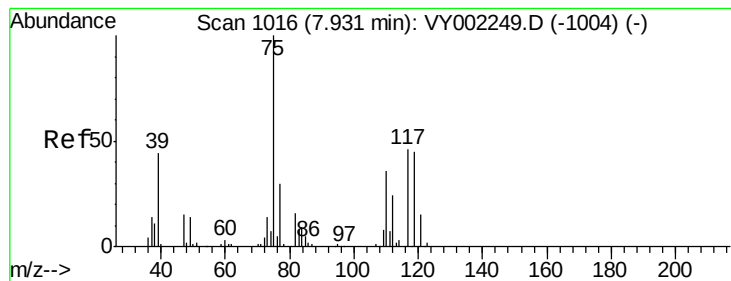


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.276 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.13 min

Lab File: VY002290.D

Acq: 13 Apr 2020 19:00

Instrument :

MSVOA_Y

ClientSampled :

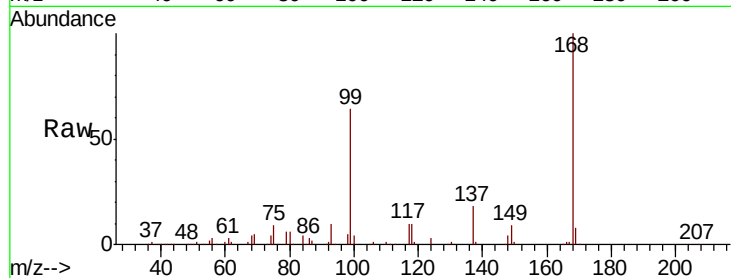
Tot Ion: 75 Resp: 11293

Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.3#

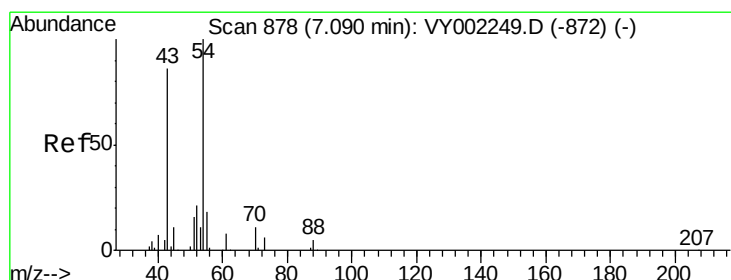
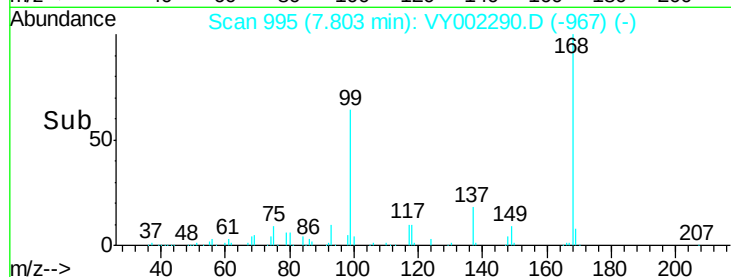
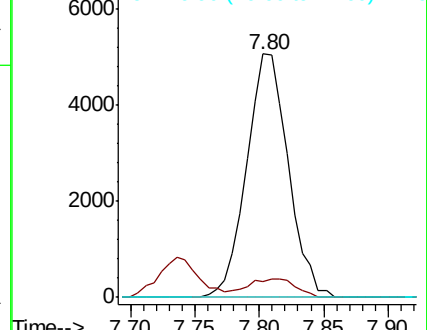
77 0.0 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#37

Ethyl Acetate

Concen: 9.619 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.08 min

Lab File: VY002290.D

Acq: 13 Apr 2020 19:00

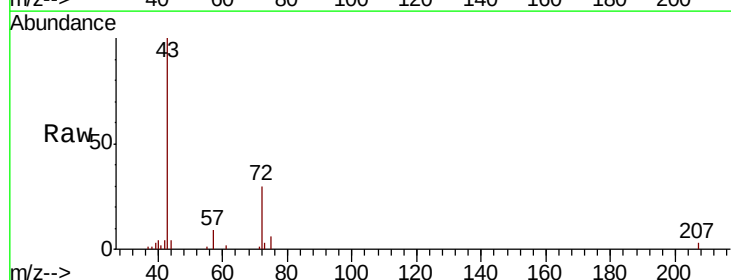
Tgt Ion: 43 Resp: 14512

Ion Ratio Lower Upper

43 100

61 0.4 11.8 17.6#

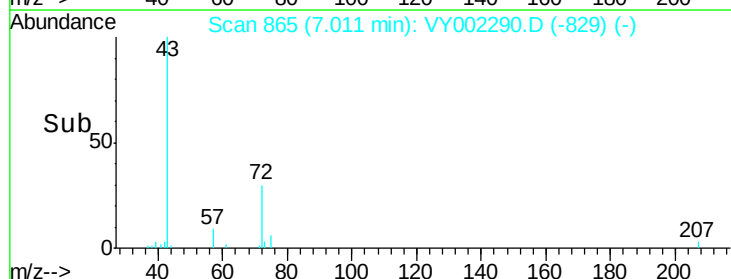
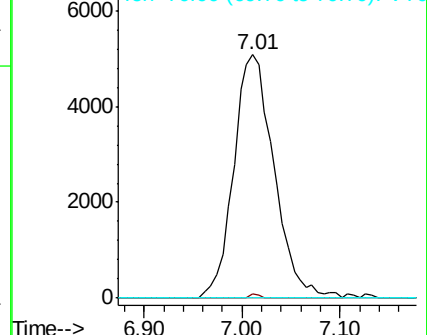
70 0.0 9.1 13.7#

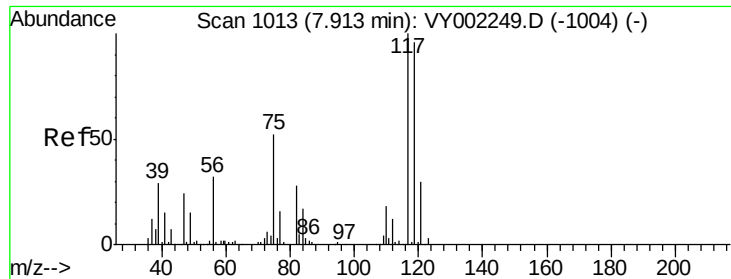


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 70.00 (69.70 to 70.70): VY0





#38

Carbon Tetrachloride

Concen: 6.099 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.10 min

Lab File: VY002290.D

Acq: 13 Apr 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

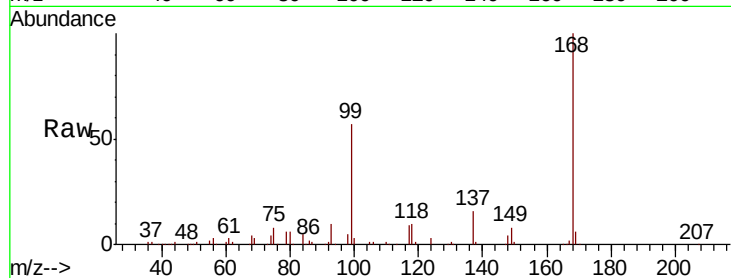
Tot Ion:117 Resp: 13778

Ion Ratio Lower Upper

117 100

119 5.7 77.1 115.7#

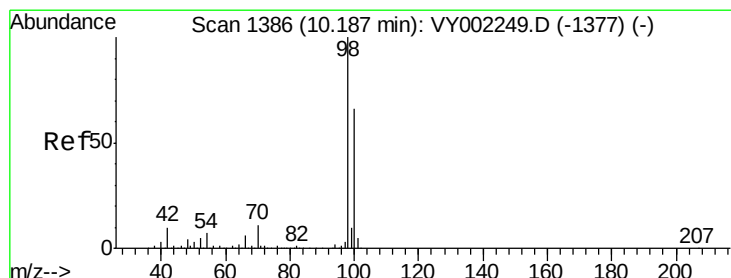
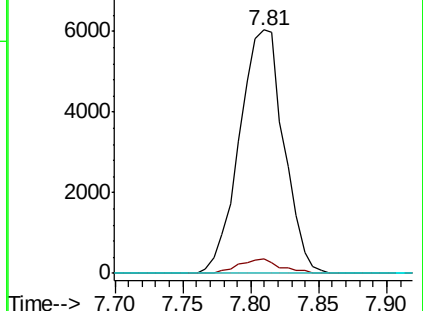
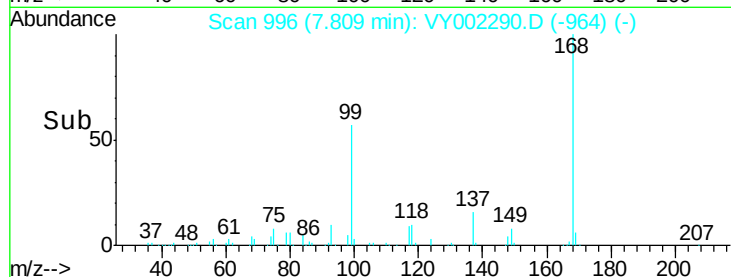
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.074 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002290.D

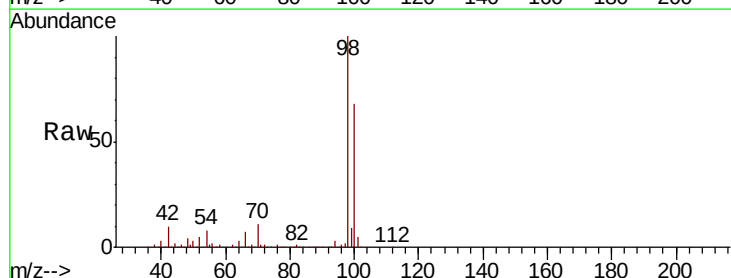
Acq: 13 Apr 2020 19:00

Tgt Ion: 98 Resp: 321016

Ion Ratio Lower Upper

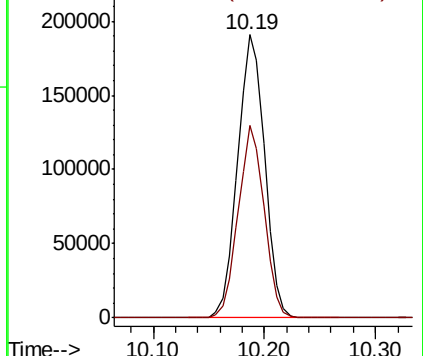
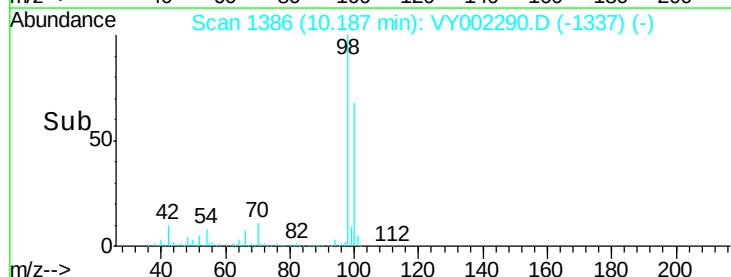
98 100

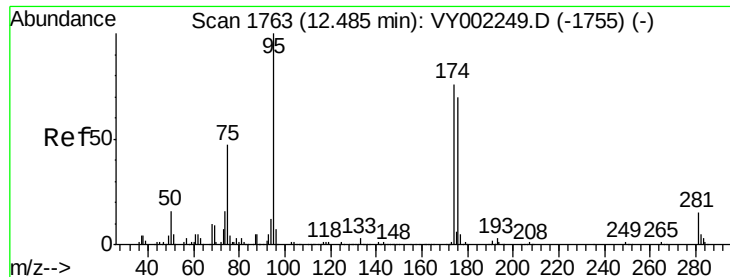
100 65.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

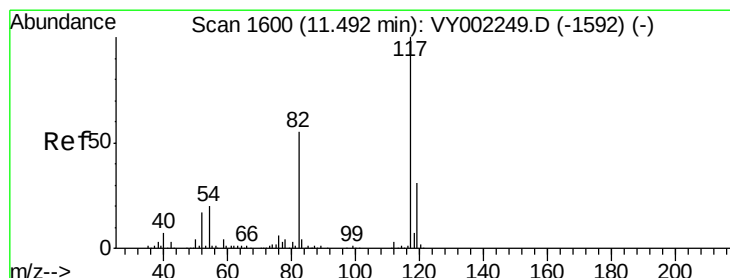
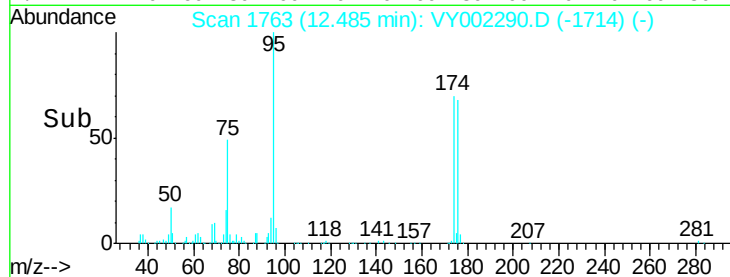
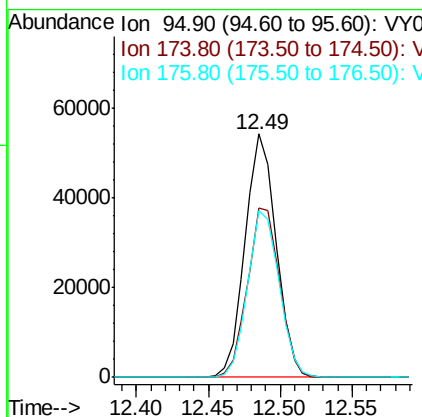
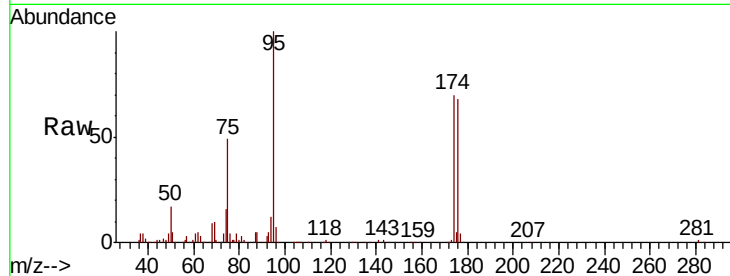




#62
4-Bromofluorobenzene
Concen: 36.769 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY002290.D
Acq: 13 Apr 2020 19:00

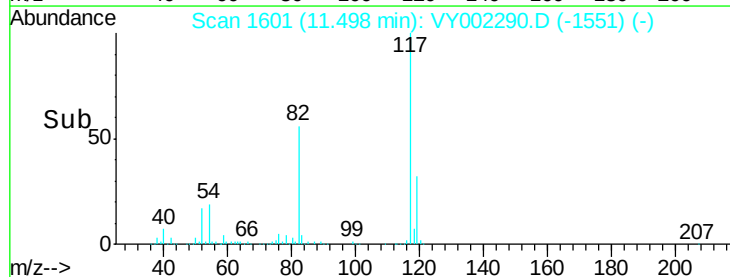
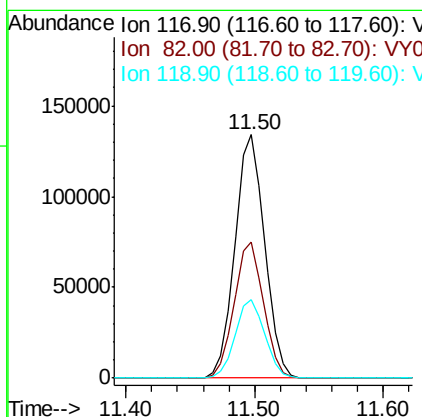
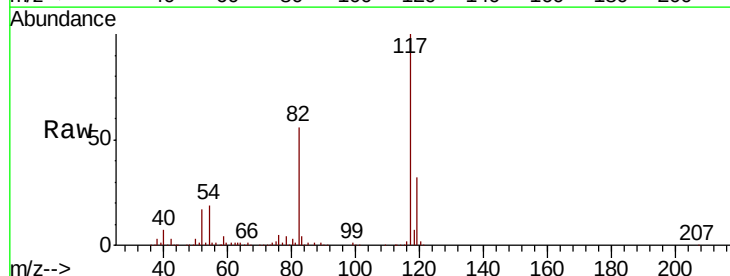
Instrument :
MSVOA_Y
ClientSampled :

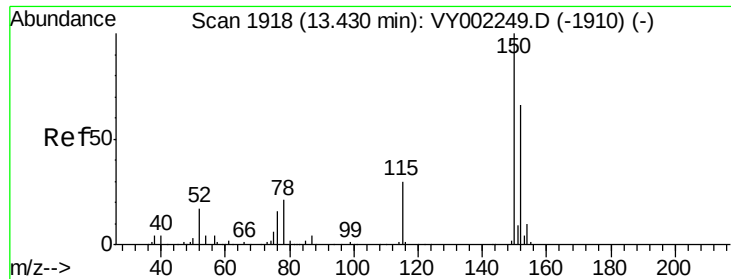
Tot Ion: 95 Resp: 81003
Ion Ratio Lower Upper
95 100
174 72.0 0.0 150.6
176 69.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002290.D
Acq: 13 Apr 2020 19:00

Tgt Ion: 117 Resp: 214858
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.4
119 32.3 25.1 37.7



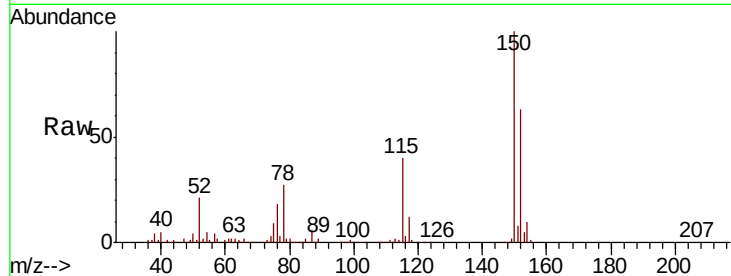


#72

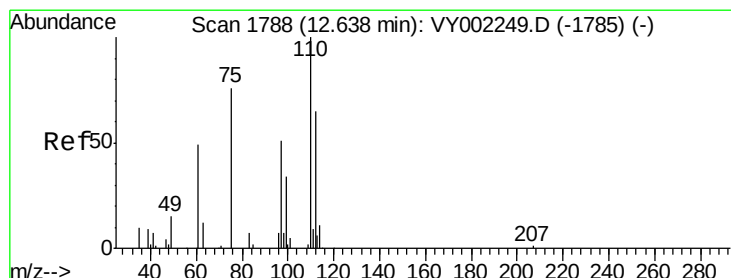
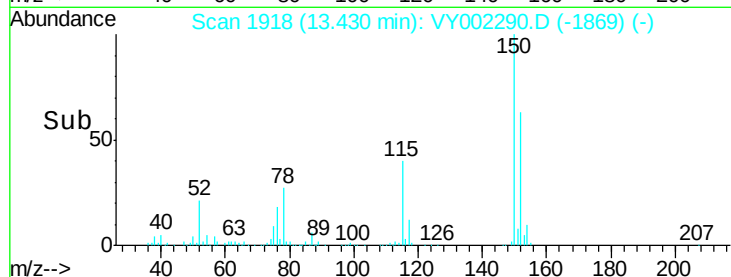
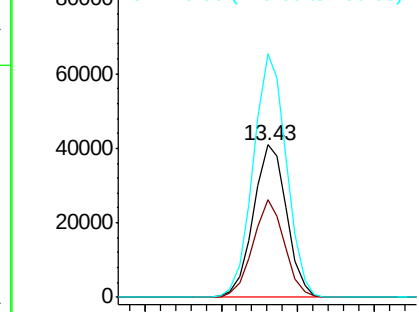
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002290.D
Acq: 13 Apr 2020 19:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 62043
Ion Ratio Lower Upper
152 100
115 60.6 30.7 92.1
150 158.3 0.0 350.6



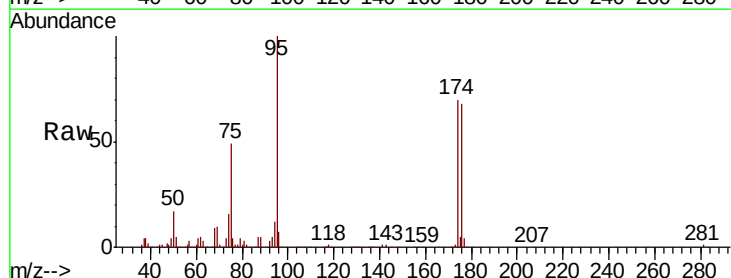
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



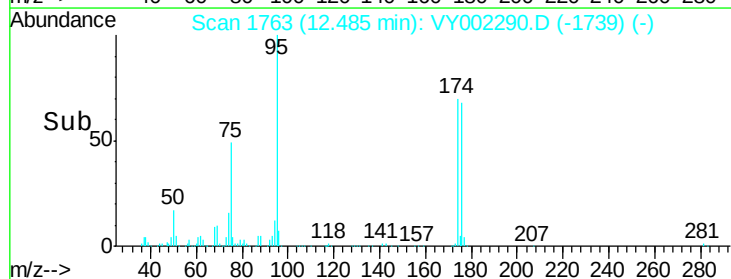
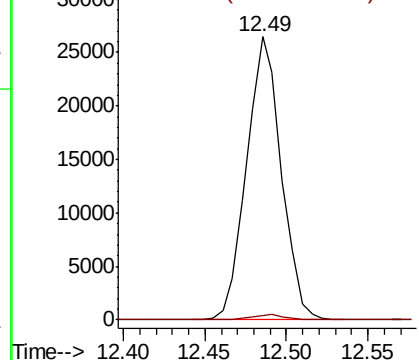
#76

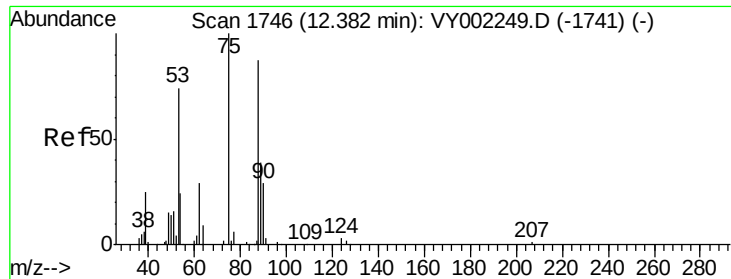
1,2,3-Trichloropropane
Concen: 54.552 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY002290.D
Acq: 13 Apr 2020 19:00

Tgt Ion: 75 Resp: 39302
Ion Ratio Lower Upper
75 100
77 1.7 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: 106.102 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002290.D

Acq: 13 Apr 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

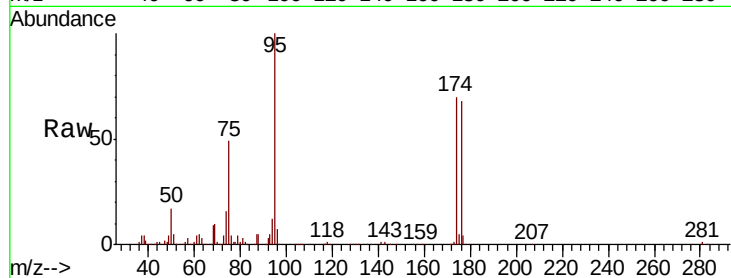
Tot Ion: 75 Resp: 39302

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.0 37.0 55.6#



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

