

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002162.D
 Acq On : 01 Apr 2020 14:57
 Operator : SY/MD
 Sample : L2100-02
 Misc : 7.87G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:22:54 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

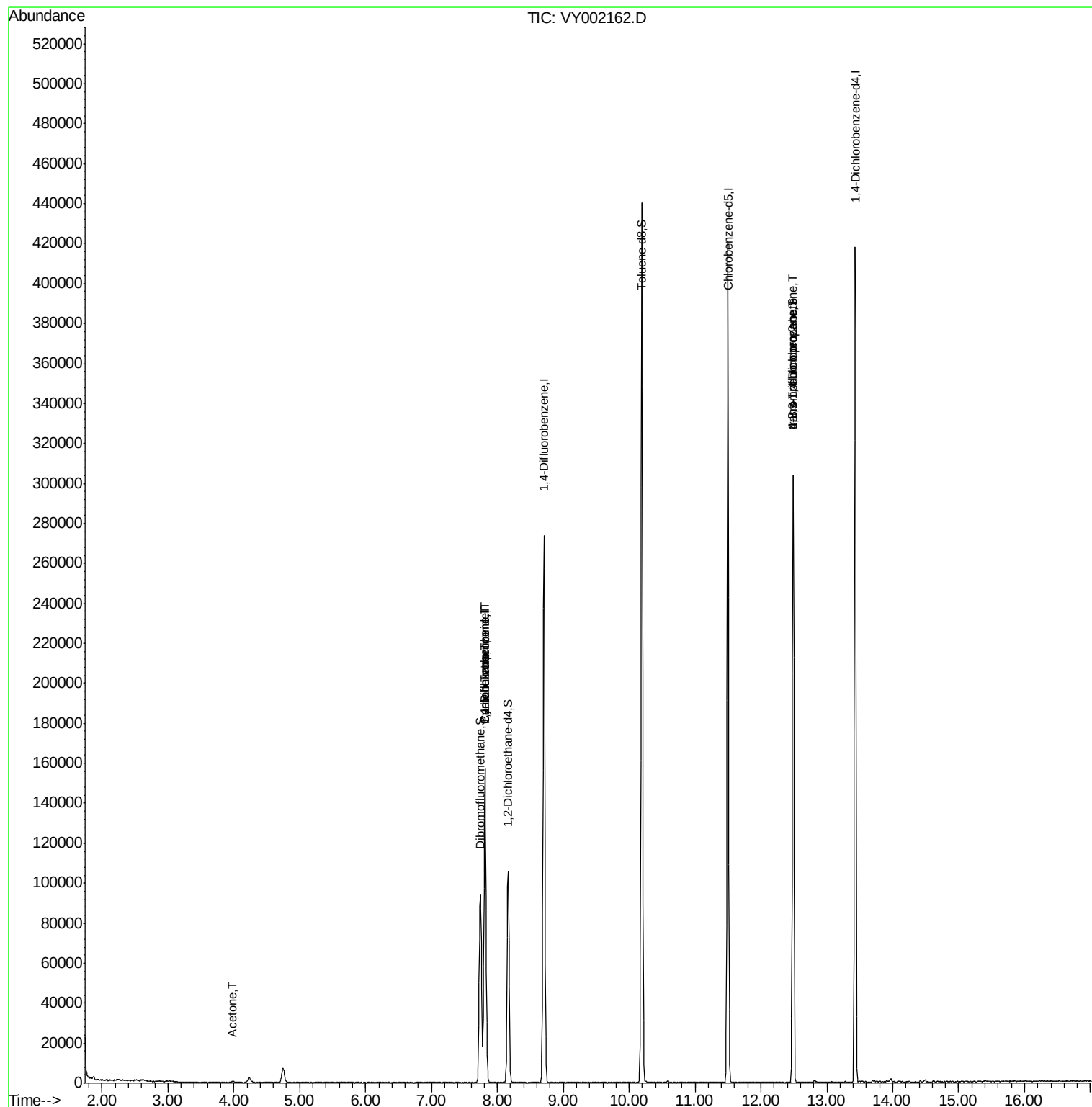
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	117663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	231511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	220387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	99436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	76675	58.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.90%	
35) Dibromofluoromethane	7.74	113	68731	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
50) Toluene-d8	10.19	98	285685	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.49	95	99133	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	50	Below Cal	#	43
16) Acetone	3.97	43	1111	3.040	ug/l	90
20) Methylene Chloride	4.75	84	5195	Below Cal	#	85
31) Cyclohexane	7.81	56	2799	1.033	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	10032	4.581	ug/l #	51
38) Carbon Tetrachloride	7.82	117	12351	6.648	ug/l #	19
76) 1,2,3-Trichloropropane	12.49	75	52187	46.919	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	52187	90.898	ug/l #	17

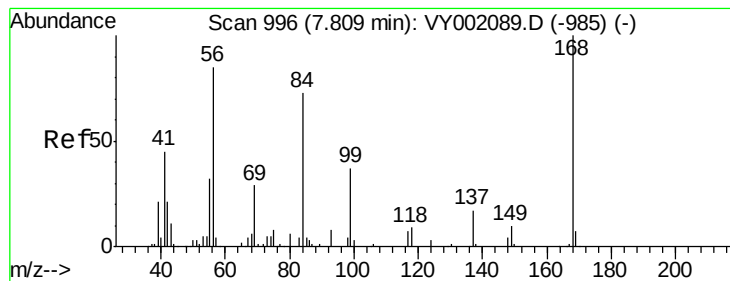
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002162.D

Acq: 01 Apr 2020 14:57

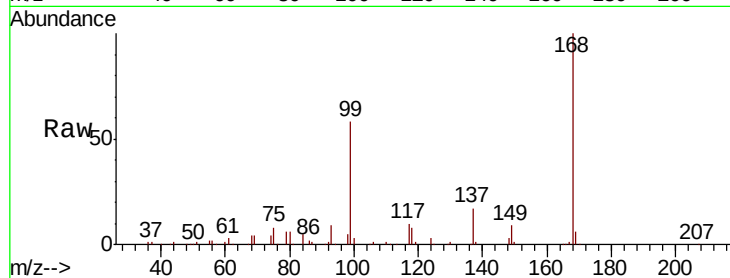
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 117663

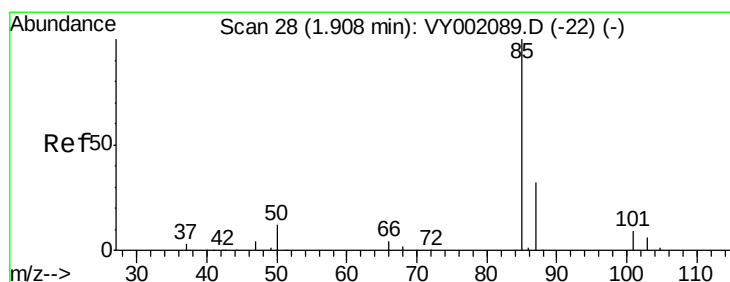
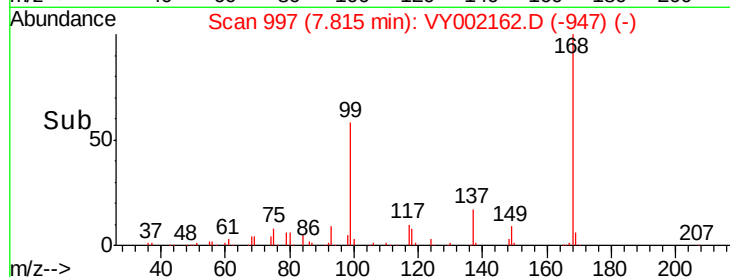
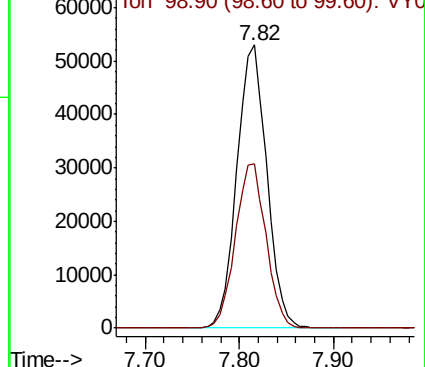
Ion Ratio Lower Upper

168 100

99 58.0 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002162.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002162.D

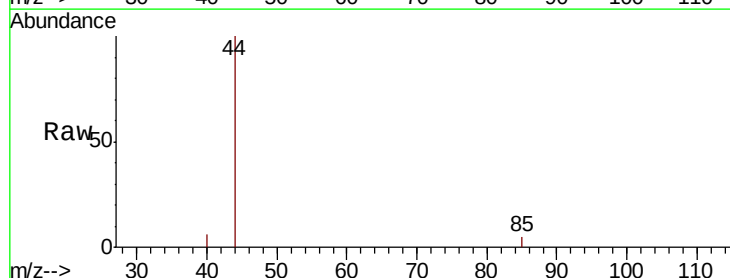
Acq: 01 Apr 2020 14:57

Tgt Ion: 85 Resp: 50

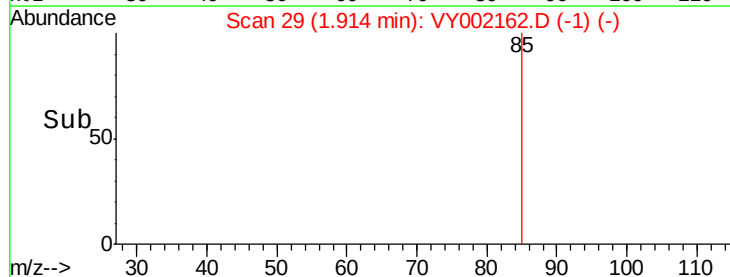
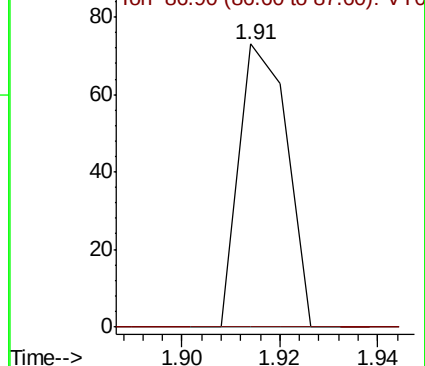
Ion Ratio Lower Upper

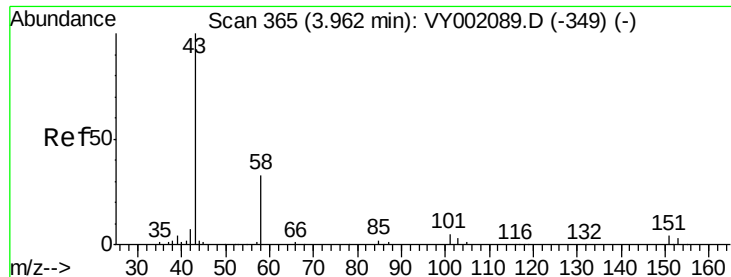
85 100

87 0.0 16.0 48.0#



Abundance Ion 84.90 (84.60 to 85.60): VY002162.D (-1) (-)





#16

Acetone

Concen: 3.040 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002162.D

Acq: 01 Apr 2020 14:57

Instrument :

MSVOA_Y

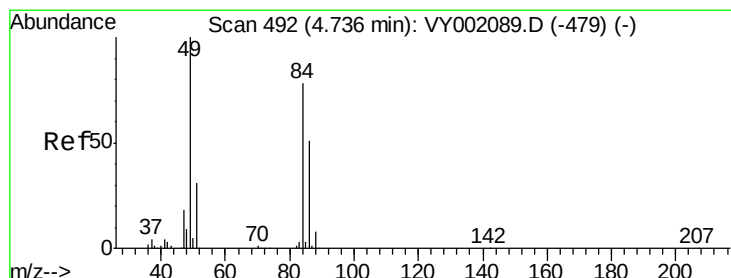
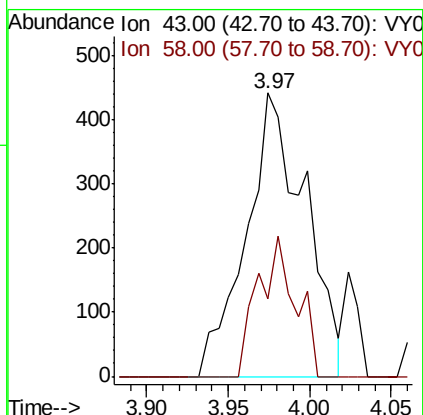
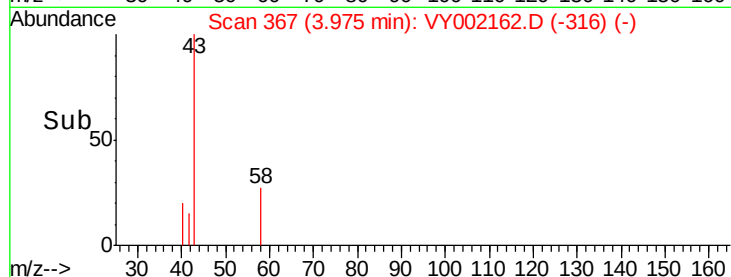
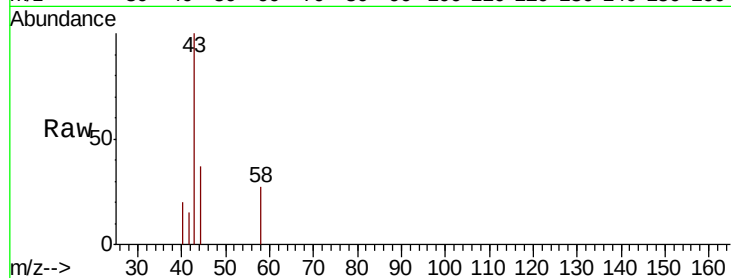
ClientSampleId :

Tot Ion: 43 Resp: 1111

Ion Ratio Lower Upper

43 100

58 27.2 26.3 39.5



#20

Methylene Chloride

Concen: Below Cal

RT: 4.75 min Scan# 494

Delta R.T. 0.01 min

Lab File: VY002162.D

Acq: 01 Apr 2020 14:57

Tgt Ion: 84 Resp: 5195

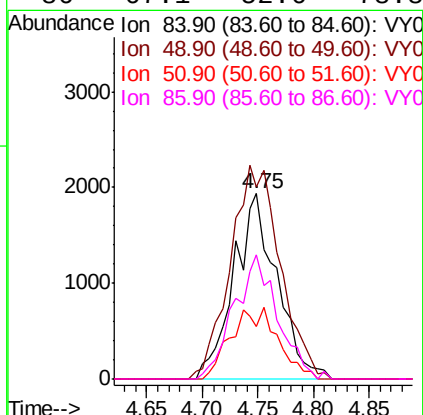
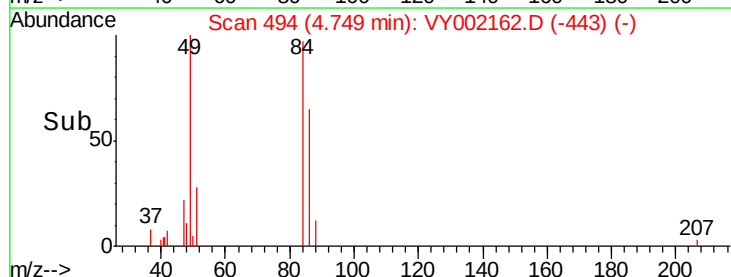
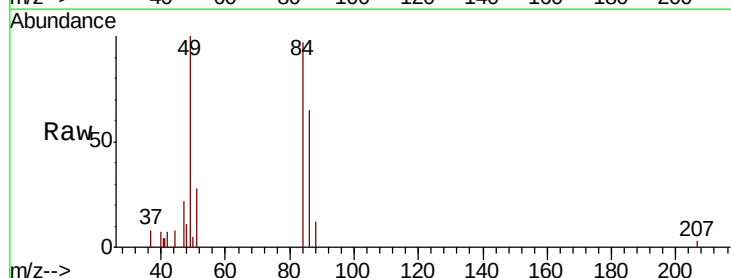
Ion Ratio Lower Upper

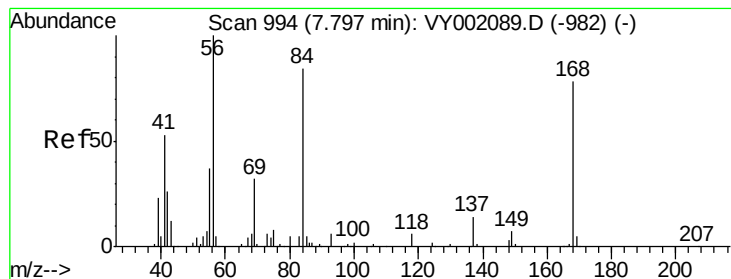
84 100

49 103.4 102.2 153.4

51 28.6 31.2 46.8#

86 67.1 52.6 78.8





#31

Cyclohexane

Concen: 1.033 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002162.D

Acq: 01 Apr 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

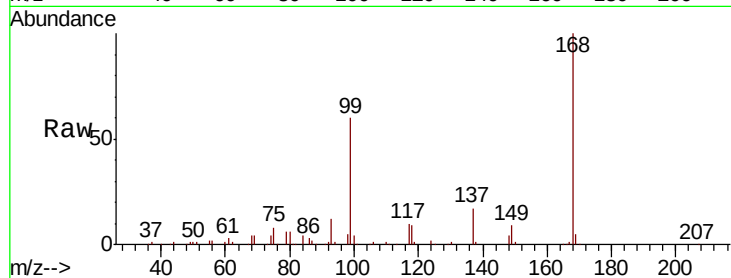
Tot Ion: 56 Resp: 2799

Ion Ratio Lower Upper

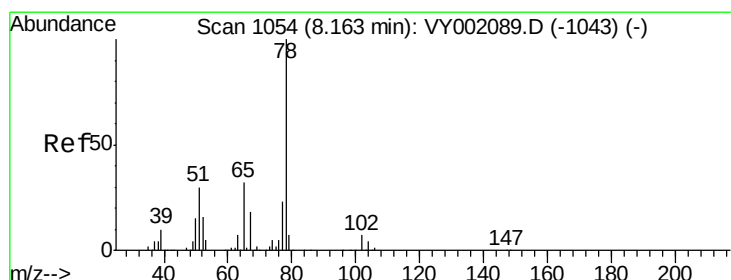
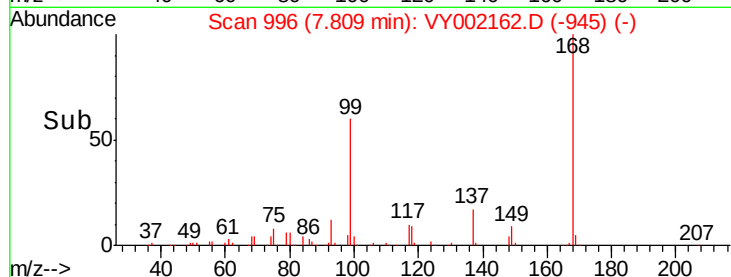
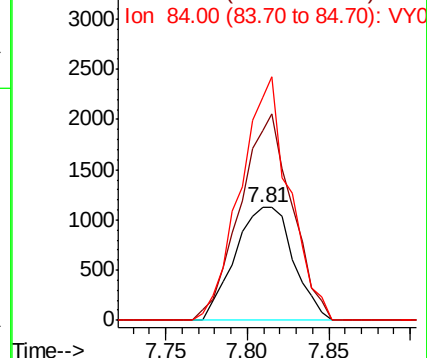
56 100

69 168.7 25.8 38.8#

84 198.5 67.1 100.7#



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: 58.948 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002162.D

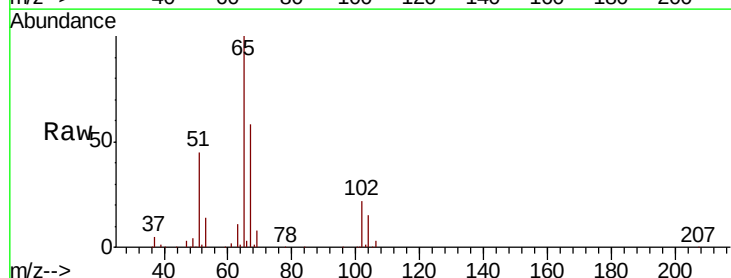
Acq: 01 Apr 2020 14:57

Tgt Ion: 65 Resp: 76675

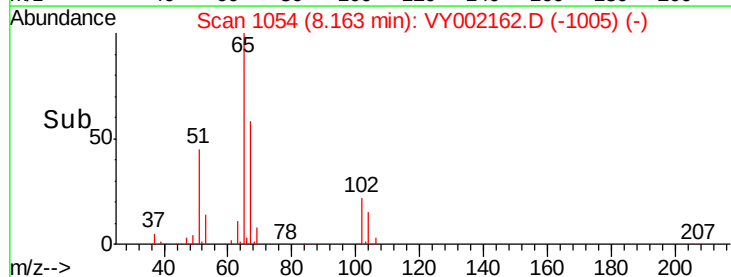
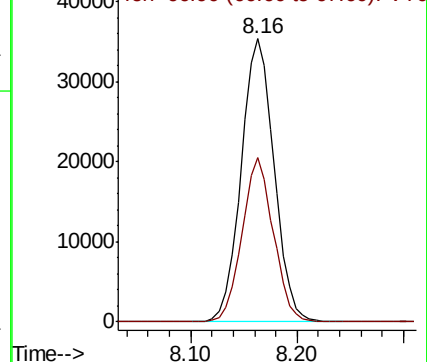
Ion Ratio Lower Upper

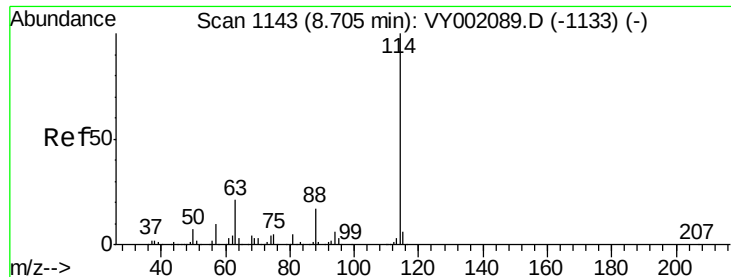
65 100

67 55.2 0.0 112.8



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

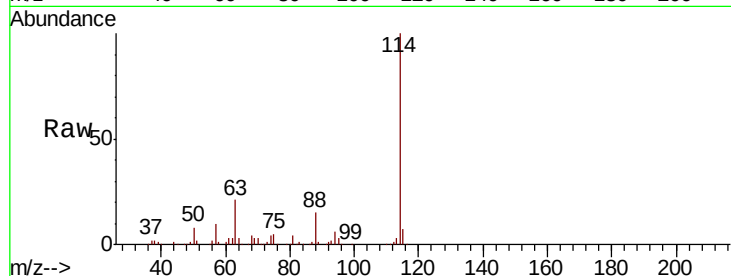




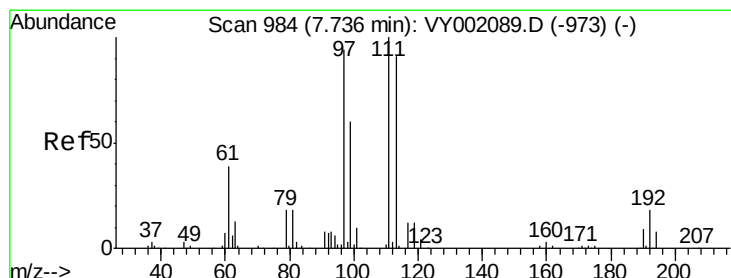
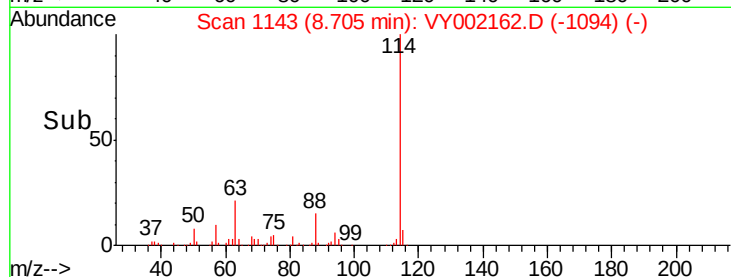
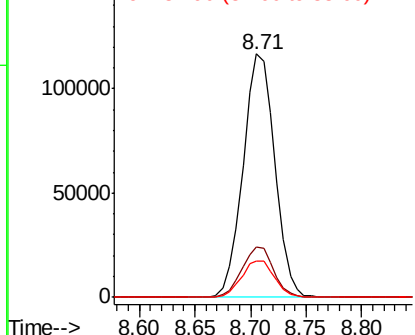
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002162.D
 Acq: 01 Apr 2020 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.4
88	15.0	0.0	33.0

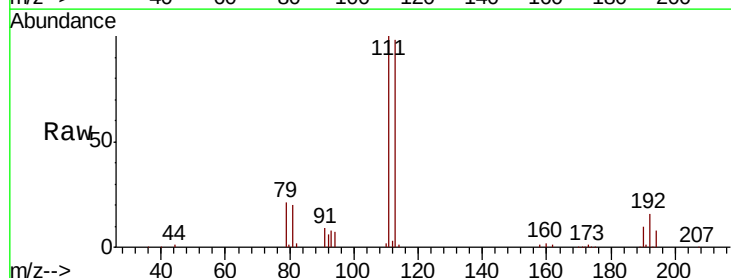


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

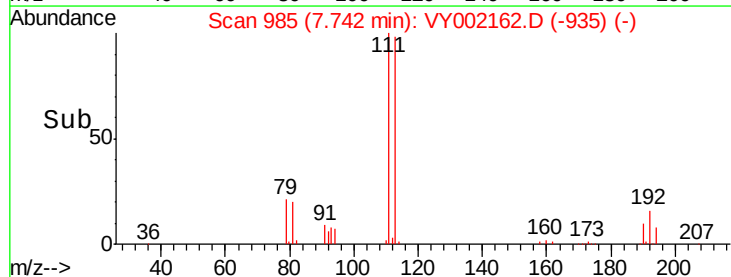
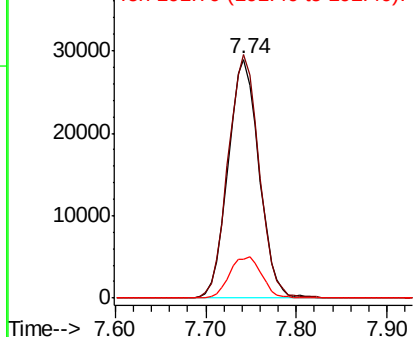


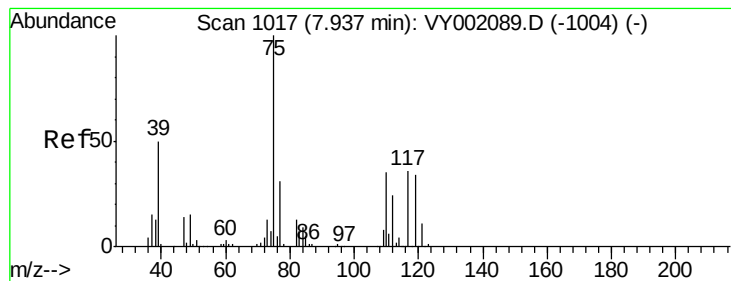
#35
 Dibromofluoromethane
 Concen: 52.985 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002162.D
 Acq: 01 Apr 2020 14:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	84.4	126.6
192	18.0	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





#36

1,1-Dichloropropene

Concen: 4.581 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY002162.D

Acq: 01 Apr 2020 14:57

Instrument :

MSVOA_Y

ClientSampled :

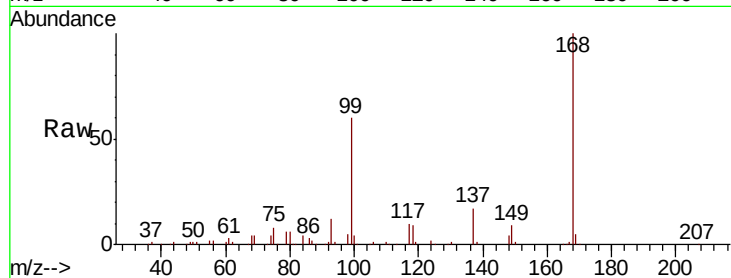
Tot Ion: 75 Resp: 10032

Ion Ratio Lower Upper

75 100

110 9.5 17.2 51.6#

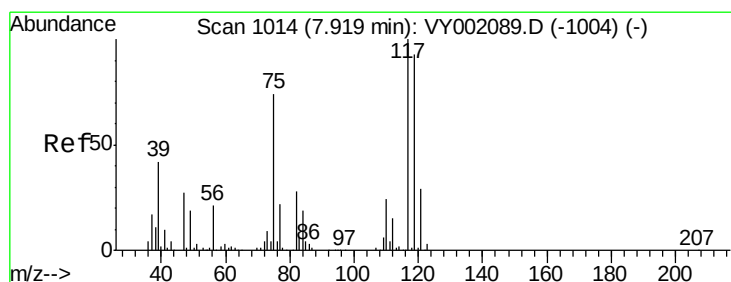
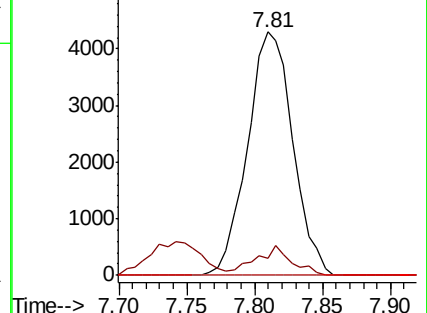
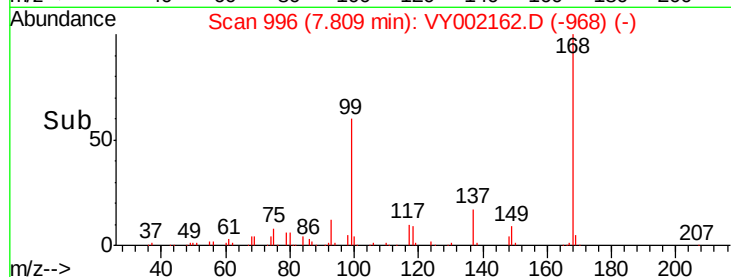
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VY002162.D (-968) (-)

Ion 109.90 (109.60 to 110.60): VY002162.D (-968) (-)

Ion 76.90 (76.60 to 77.60): VY002162.D (-968) (-)



#38

Carbon Tetrachloride

Concen: 6.648 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.10 min

Lab File: VY002162.D

Acq: 01 Apr 2020 14:57

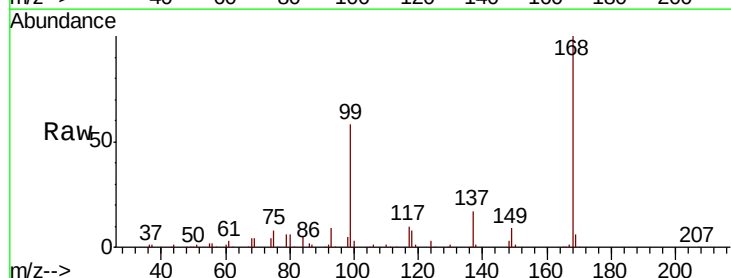
Tgt Ion: 117 Resp: 12351

Ion Ratio Lower Upper

117 100

119 7.1 74.3 111.5#

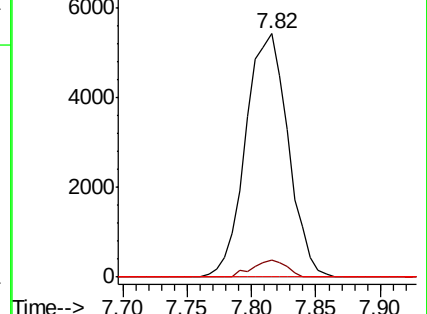
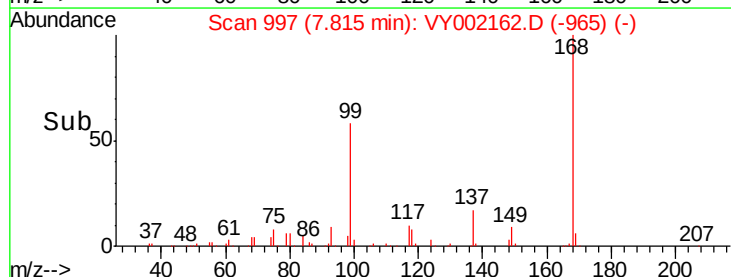
121 0.0 23.3 34.9#

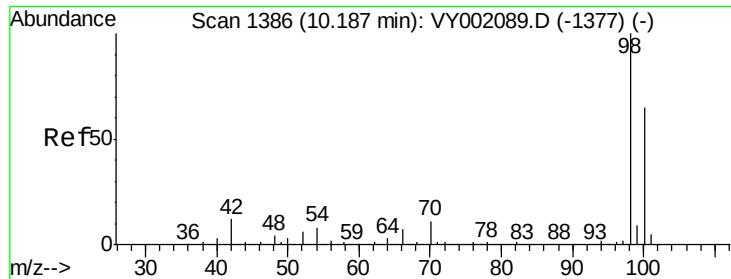


Abundance Ion 116.80 (116.50 to 117.50): VY002162.D (-965) (-)

Ion 118.80 (118.50 to 119.50): VY002162.D (-965) (-)

Ion 120.80 (120.50 to 121.50): VY002162.D (-965) (-)





#50

Toluene-d8

Concen: 53.014 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002162.D

Acq: 01 Apr 2020 14:57

Instrument :

MSVOA_Y

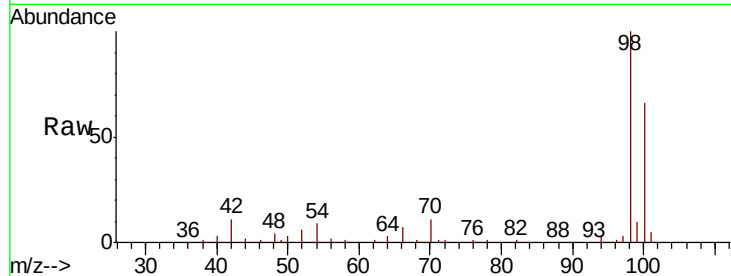
ClientSampleId :

Tot Ion: 98 Resp: 285685

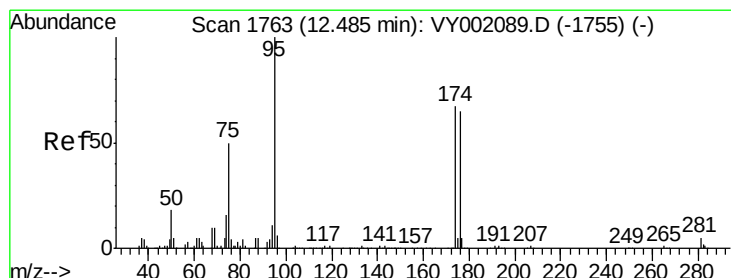
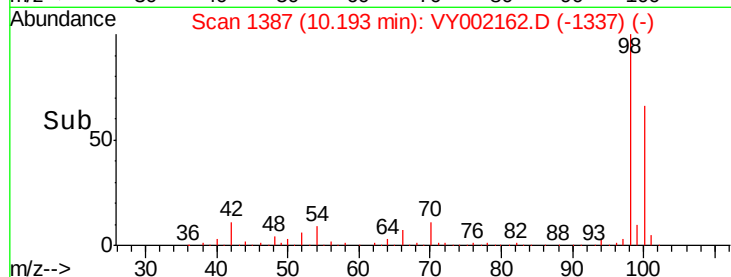
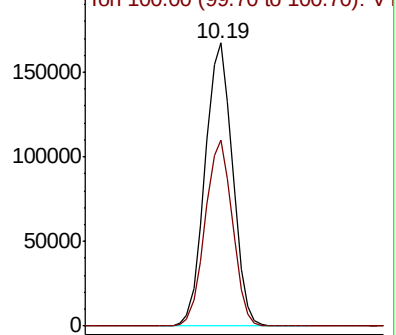
Ion Ratio Lower Upper

98 100

100 65.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002089.D (-1377) (-)



#62

4-Bromofluorobenzene

Concen: 52.600 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002162.D

Acq: 01 Apr 2020 14:57

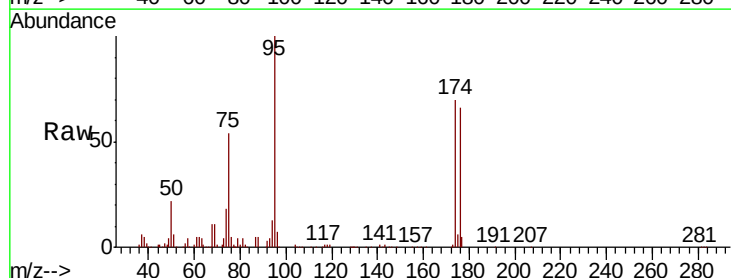
Tgt Ion: 95 Resp: 99133

Ion Ratio Lower Upper

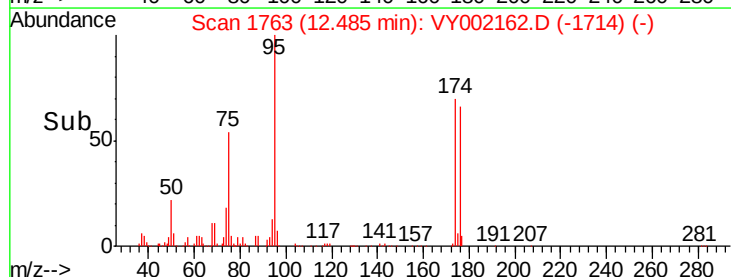
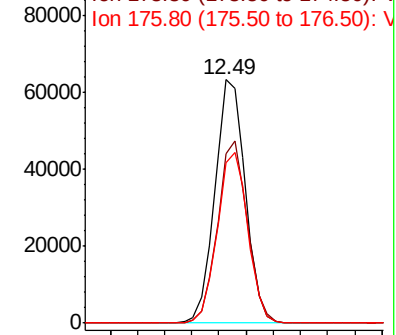
95 100

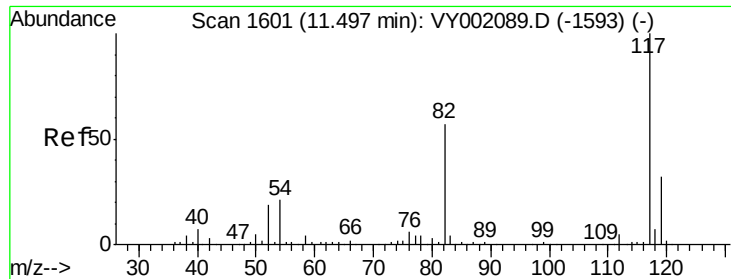
174 73.7 0.0 143.4

176 70.9 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002089.D (-1755) (-)

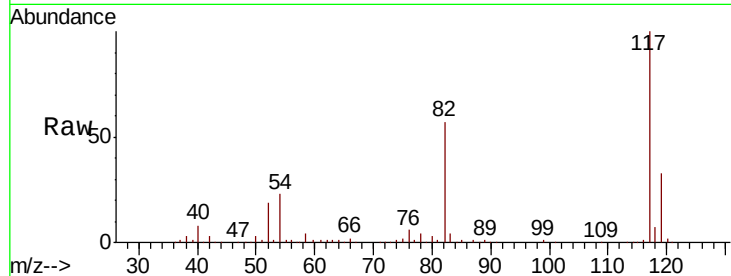




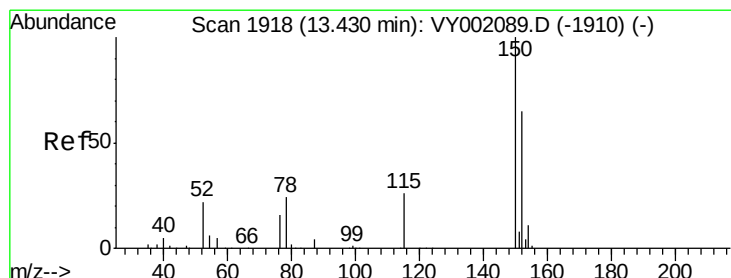
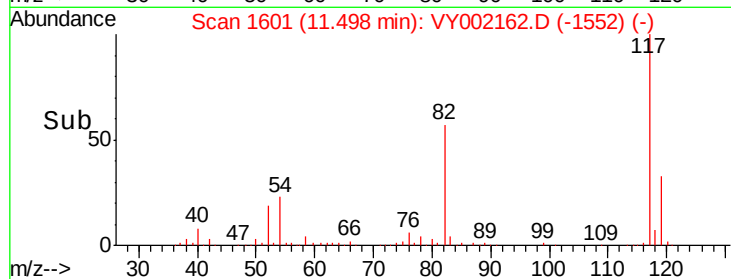
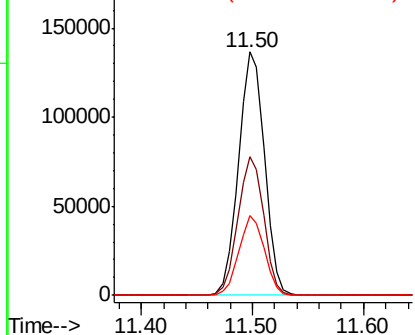
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002162.D
Acq: 01 Apr 2020 14:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 220387
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.2
119 33.0 25.3 37.9

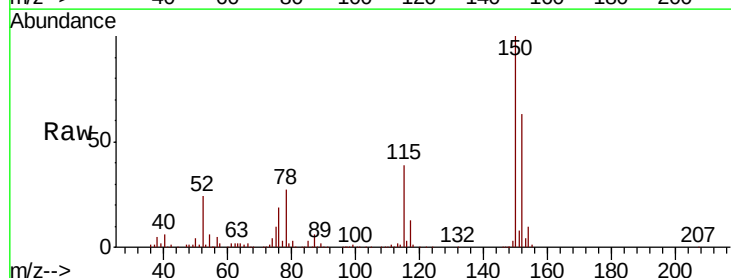


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

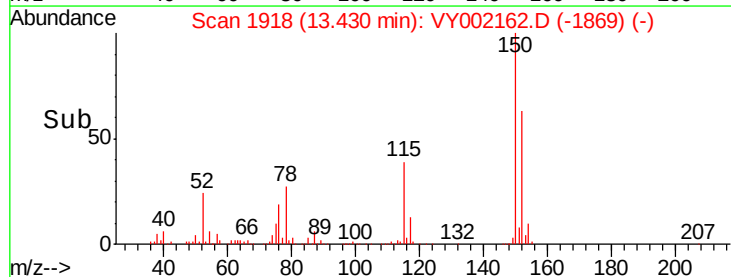
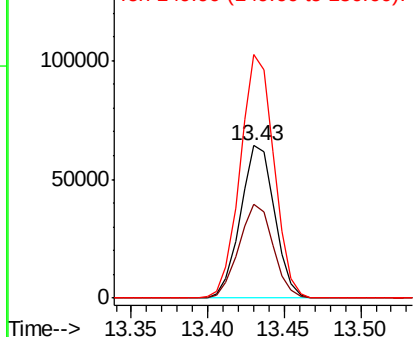


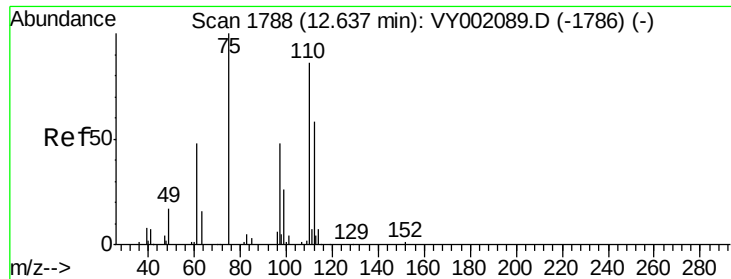
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002162.D
Acq: 01 Apr 2020 14:57

Tgt Ion:152 Resp: 99436
Ion Ratio Lower Upper
152 100
115 61.7 31.2 93.6
150 157.9 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

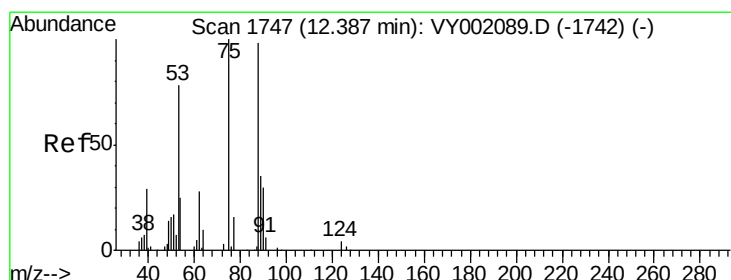
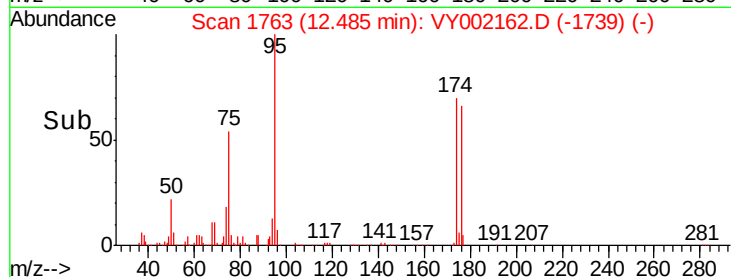
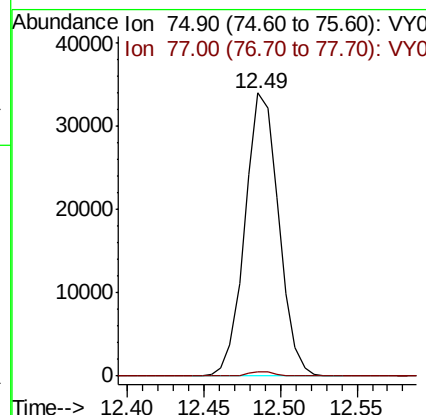
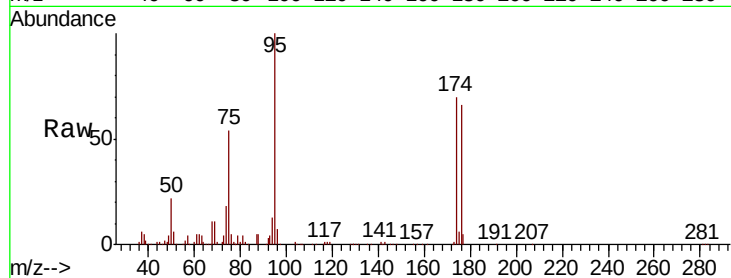




#76
 1,2,3-Trichloropropane
 Concen: 46.919 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY002162.D
 Acq: 01 Apr 2020 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 52187
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.898 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY002162.D
 Acq: 01 Apr 2020 14:57

Tgt Ion: 75 Resp: 52187
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.0 97.4#
 89 0.0 33.4 50.0#

