

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002222.D
 Acq On : 03 Apr 2020 16:40
 Operator : SY/MD
 Sample : L2153-03
 Misc : 5.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11991

Quant Time: Apr 04 00:19:25 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	7.81	168	123191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	242560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	226481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	101099	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	80411	59.05	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.74	113	73280	53.92	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.19	98	296535	52.52	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.49	95	103314	52.32	ug/l	0.00
Spiked Amount						

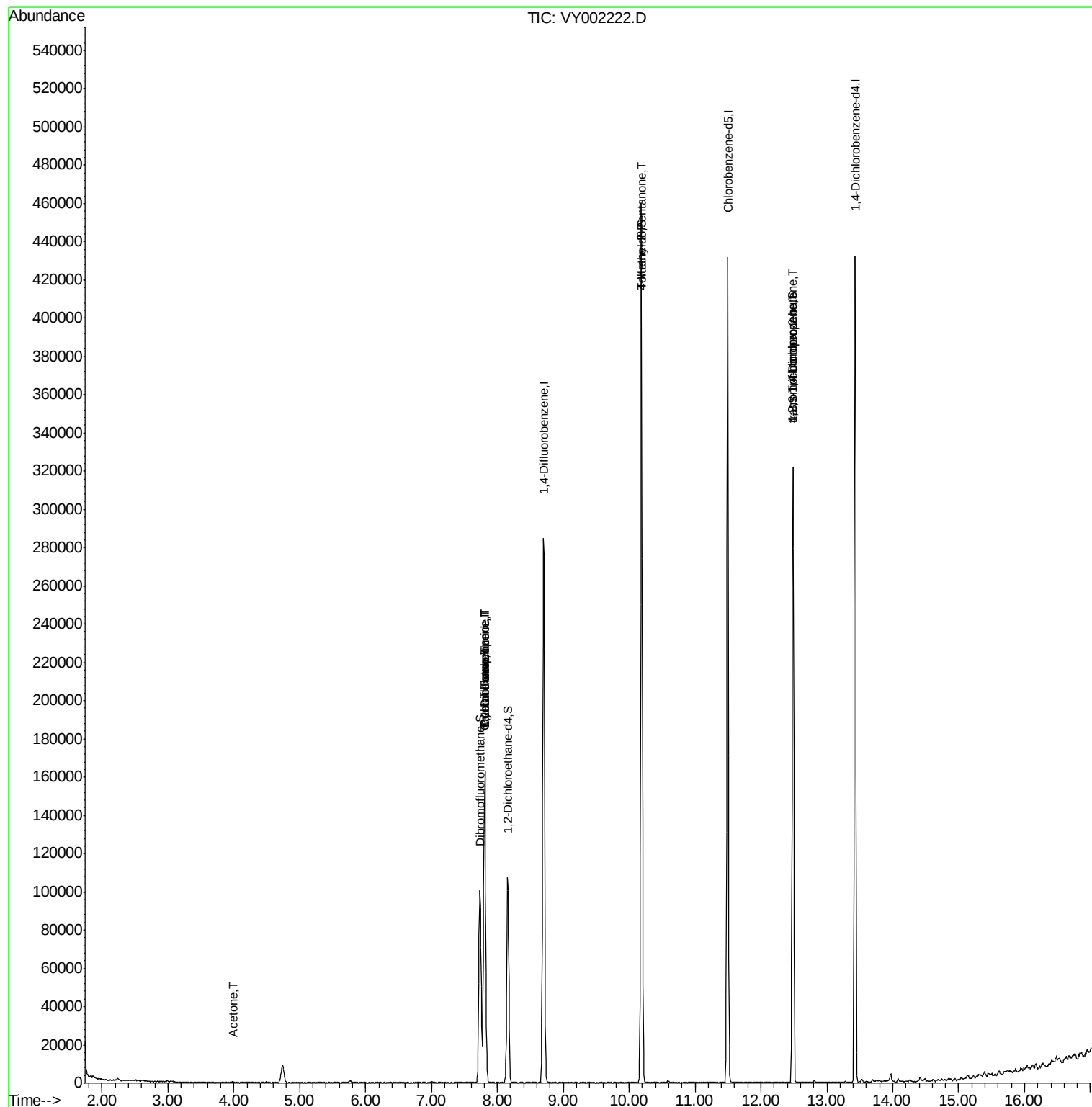
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	27	Below Cal	#	43
16) Acetone	3.98	43	790	2.065	ug/l #	81
20) Methylene Chloride	4.74	84	7044	Below Cal		96
31) Cyclohexane	7.81	56	3129	1.103	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10666	4.649	ug/l #	50
38) Carbon Tetrachloride	7.80	117	12926	6.641	ug/l #	18
51) 4-Methyl-2-Pentanone	10.19	43	1389	1.048	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	53460	47.273	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	53460	91.584	ug/l #	17

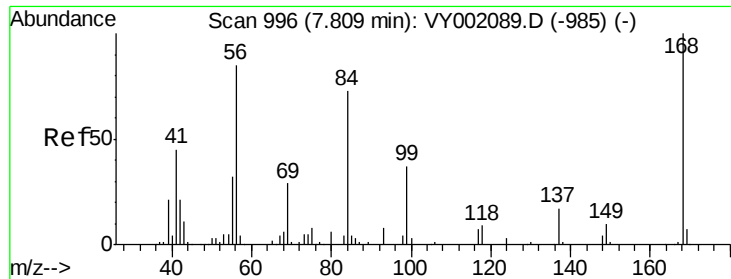
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
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Operator : SY/MD
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Misc : 5.77G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11991

Quant Time: Apr 04 00:19:25 2020
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: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002222.D

Acq: 03 Apr 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

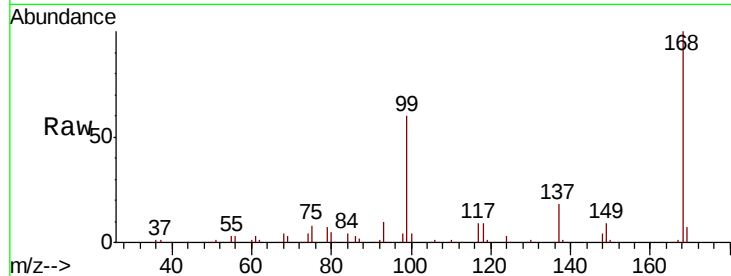
72-11991

Tot Ion:168 Resp: 123191

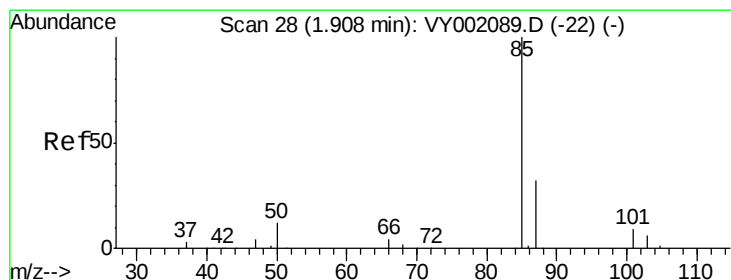
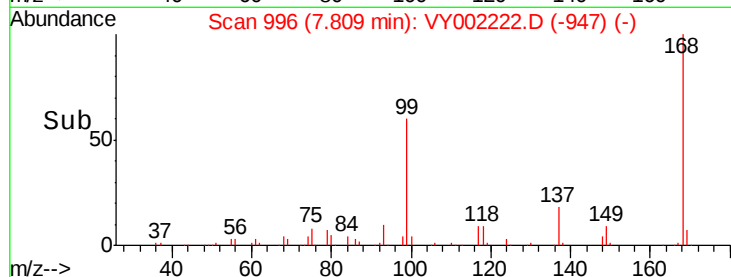
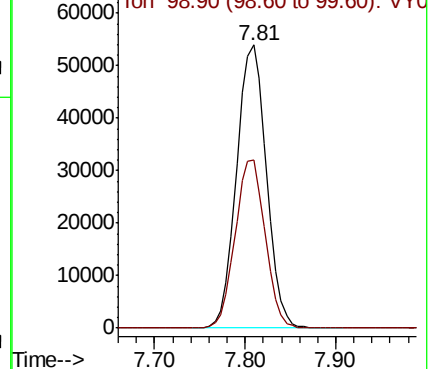
Ion Ratio Lower Upper

168 100

99 59.6 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002222.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002222.D

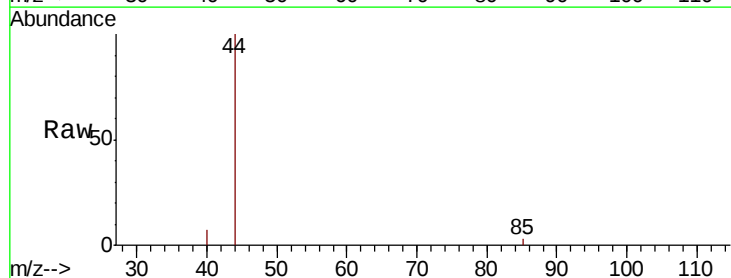
Acq: 03 Apr 2020 16:40

Tgt Ion: 85 Resp: 27

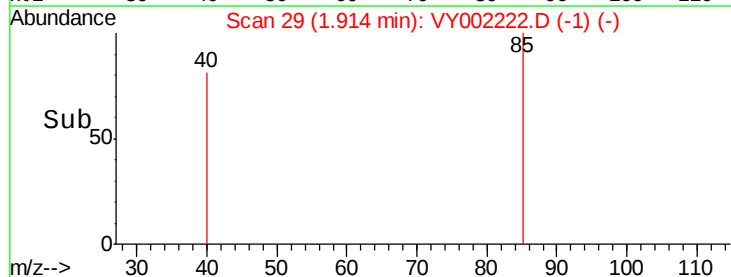
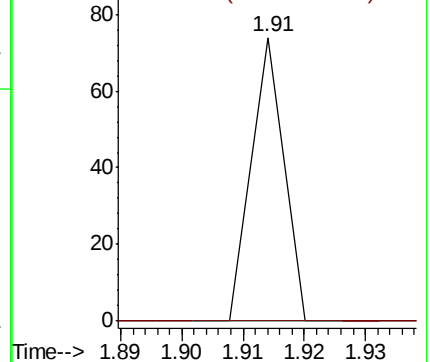
Ion Ratio Lower Upper

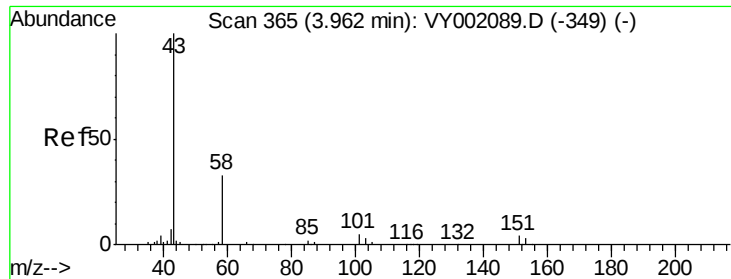
85 100

87 0.0 16.0 48.0#



Abundance Ion 84.90 (84.60 to 85.60): VY002222.D (-1) (-)





#16

Acetone

Concen: 2.065 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002222.D

Acq: 03 Apr 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

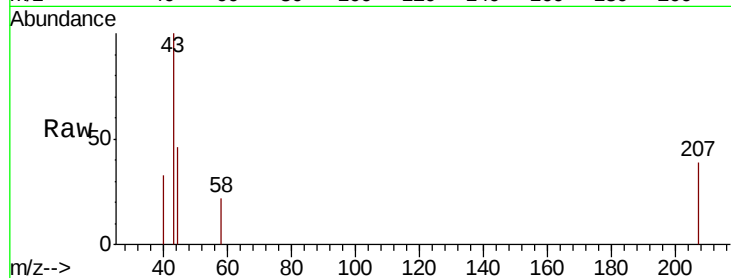
72-11991

Tot Ion: 43 Resp: 790

Ion Ratio Lower Upper

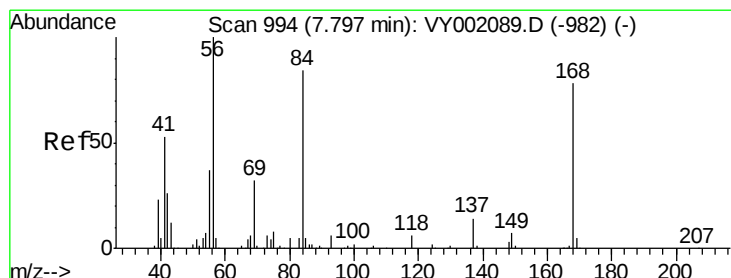
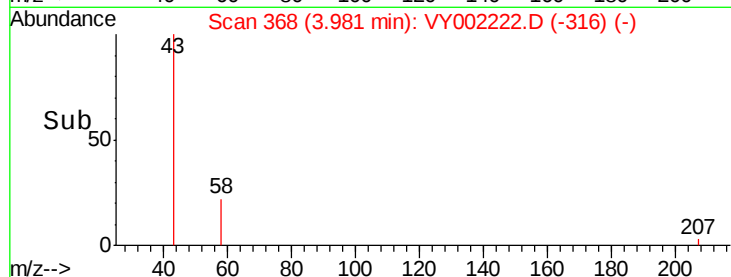
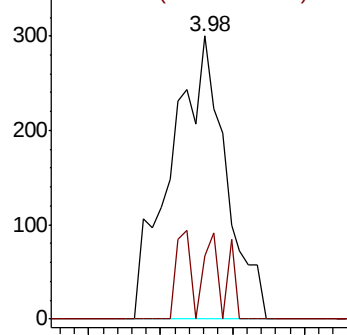
43 100

58 22.3 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#31

Cyclohexane

Concen: 1.103 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002222.D

Acq: 03 Apr 2020 16:40

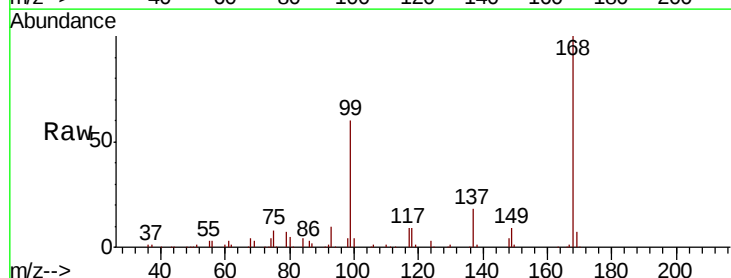
Tgt Ion: 56 Resp: 3129

Ion Ratio Lower Upper

56 100

69 119.0 25.8 38.8#

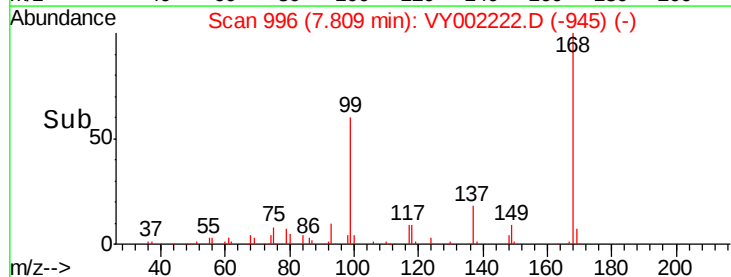
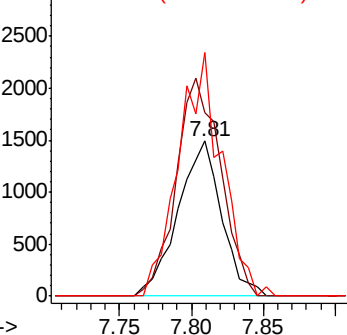
84 157.4 67.1 100.7#

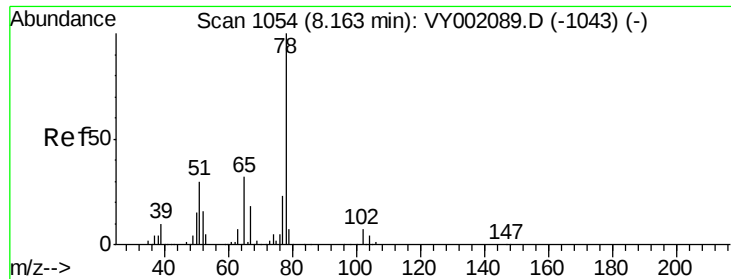


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0





#33

1,2-Dichloroethane-d4

Concen: 59.046 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002222.D

Acq: 03 Apr 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

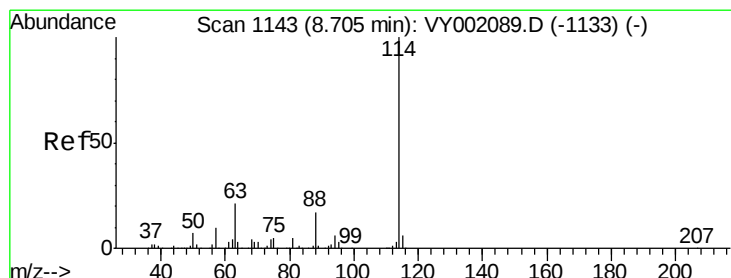
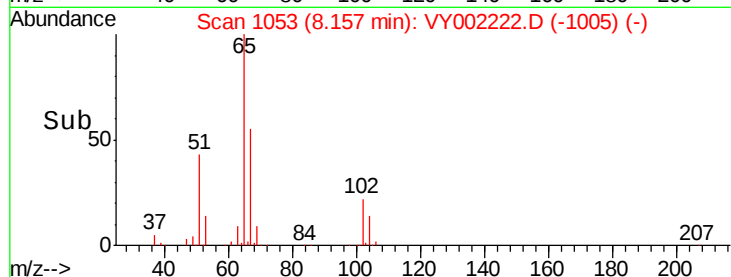
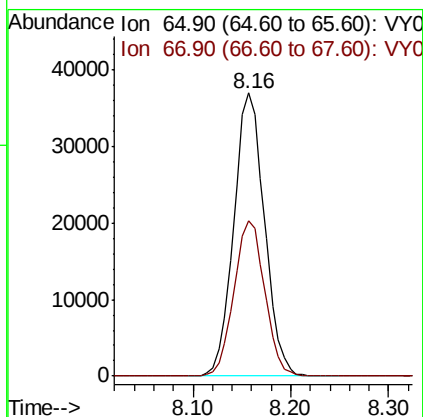
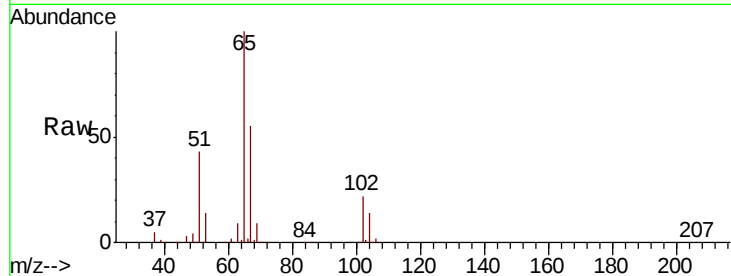
72-11991

Tot Ion: 65 Resp: 80411

Ion Ratio Lower Upper

65 100

67 55.1 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002222.D

Acq: 03 Apr 2020 16:40

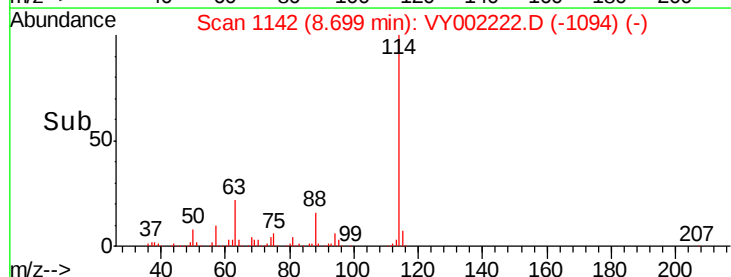
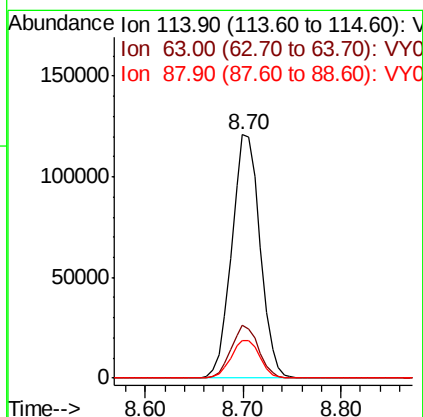
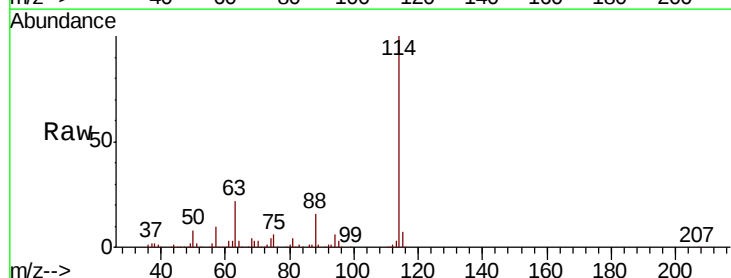
Tgt Ion: 114 Resp: 242560

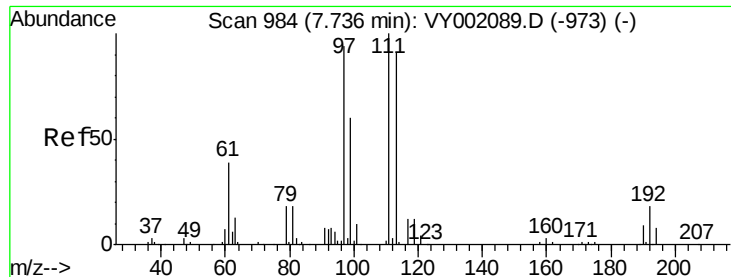
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.4

88 15.5 0.0 33.0

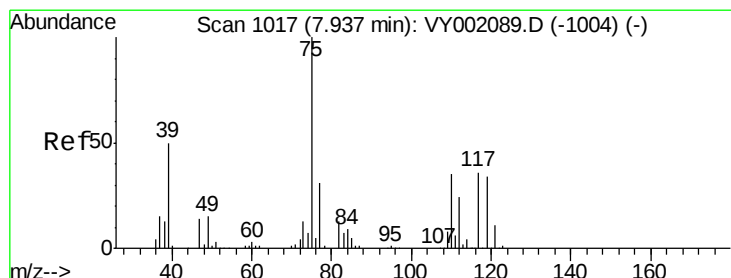
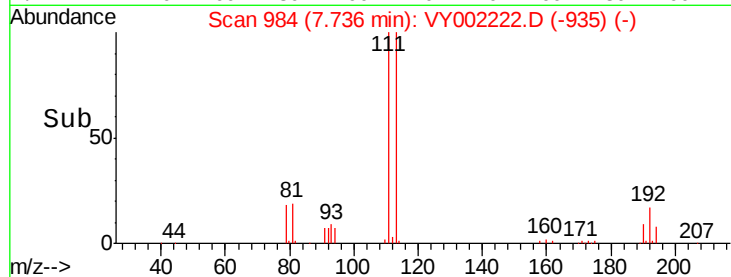
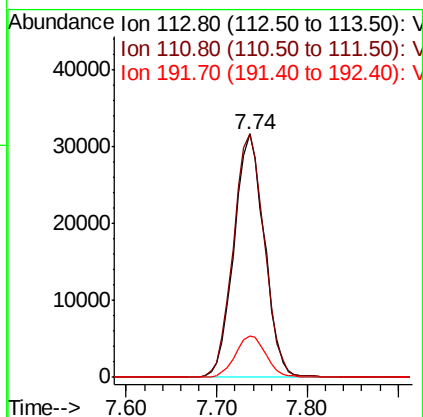
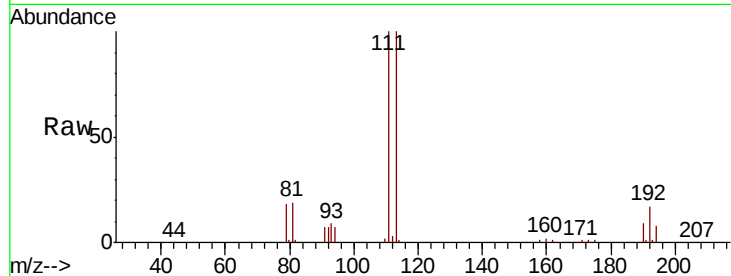




#35
 Dibromofluoromethane
 Concen: 53.918 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002222.D
 Acq: 03 Apr 2020 16:40

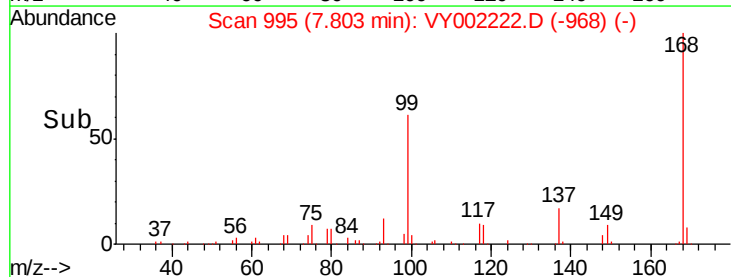
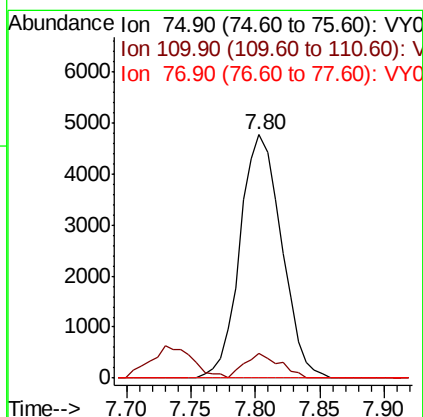
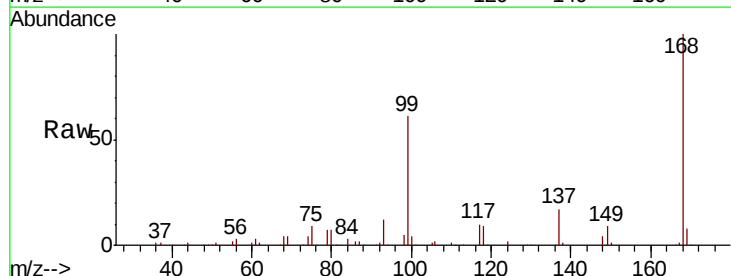
Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11991

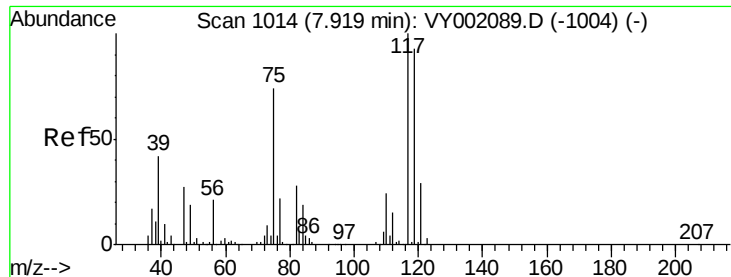
Tot Ion:113 Resp: 73280
 Ion Ratio Lower Upper
 113 100
 111 102.2 84.4 126.6
 192 17.2 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.649 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002222.D
 Acq: 03 Apr 2020 16:40

Tgt Ion: 75 Resp: 10666
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.2 51.6#
 77 0.0 24.7 37.1#

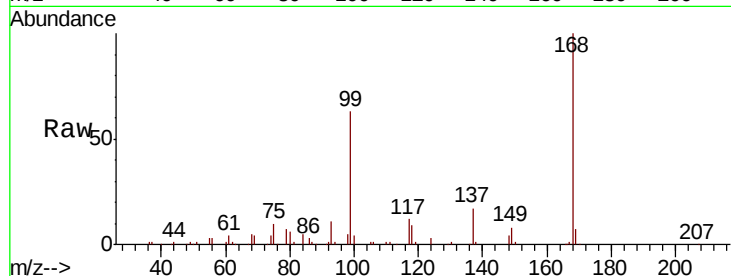




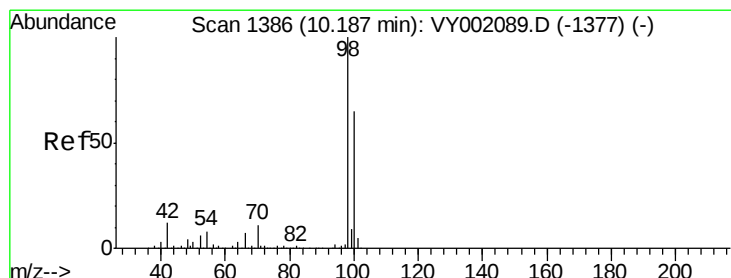
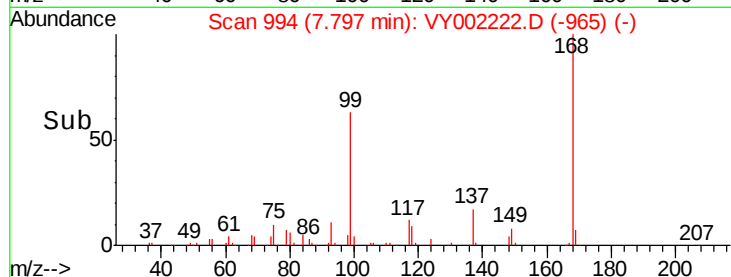
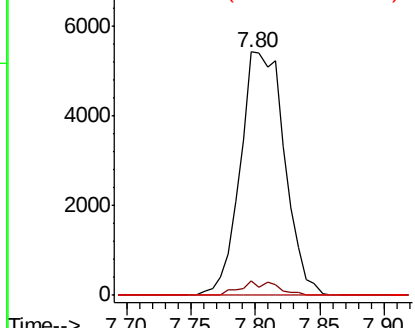
#38
Carbon Tetrachloride
Concen: 6.641 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY002222.D
Acq: 03 Apr 2020 16:40

Instrument :
MSVOA_Y
ClientSampled :
72-11991

Tot Ion:117 Resp: 12926
Ion Ratio Lower Upper
117 100
119 5.8 74.3 111.5#
121 0.0 23.3 34.9#

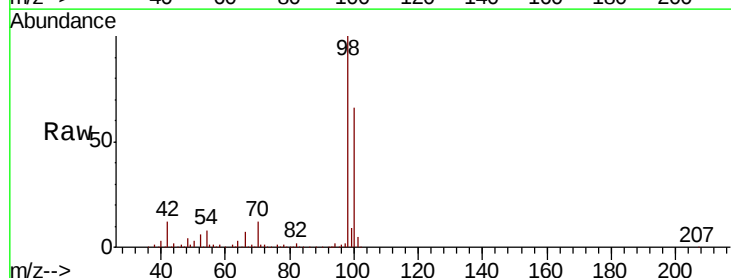


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

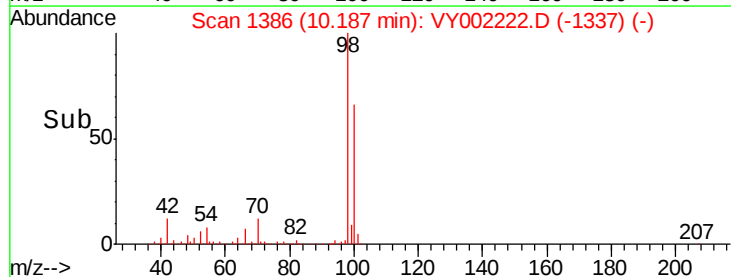
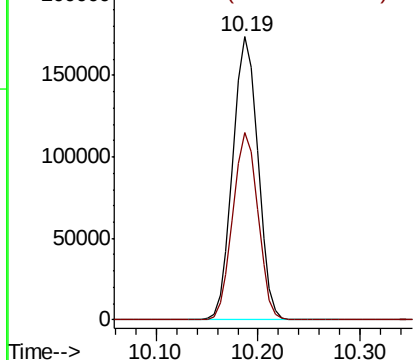


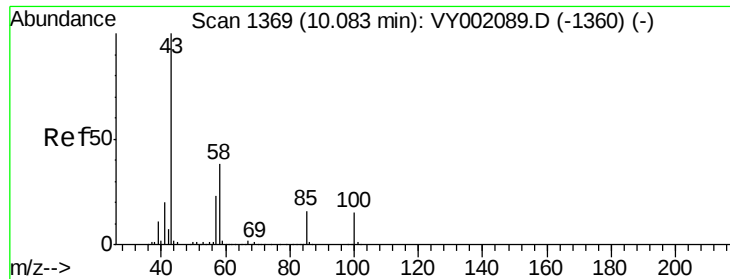
#50
Toluene-d8
Concen: 52.521 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002222.D
Acq: 03 Apr 2020 16:40

Tgt Ion: 98 Resp: 296535
Ion Ratio Lower Upper
98 100
100 66.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 1.048 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY002222.D

Acq: 03 Apr 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

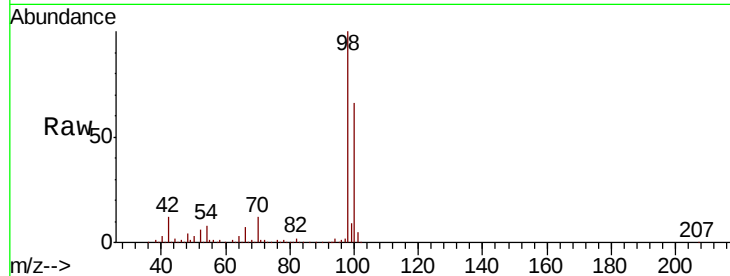
72-11991

Tot Ion: 43 Resp: 1389

Ion Ratio Lower Upper

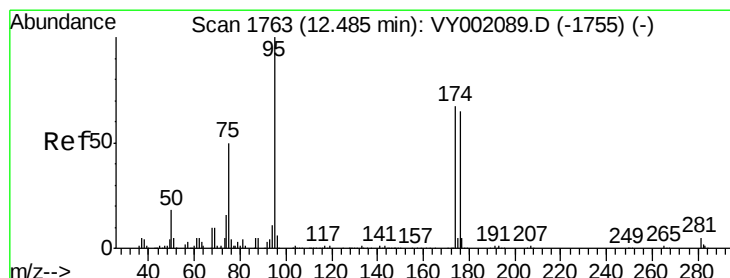
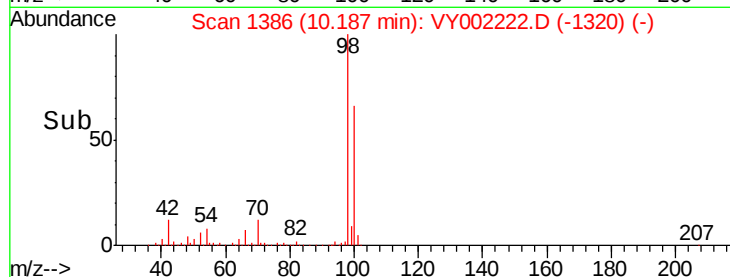
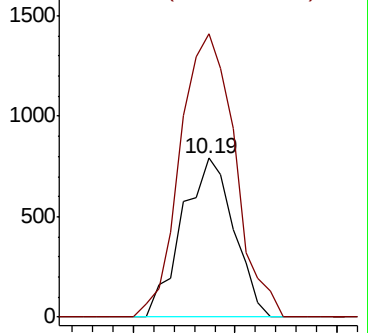
43 100

58 188.6 31.6 47.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 52.321 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002222.D

Acq: 03 Apr 2020 16:40

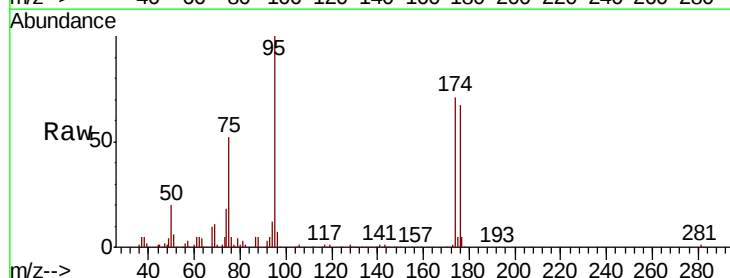
Tgt Ion: 95 Resp: 103314

Ion Ratio Lower Upper

95 100

174 72.9 0.0 143.4

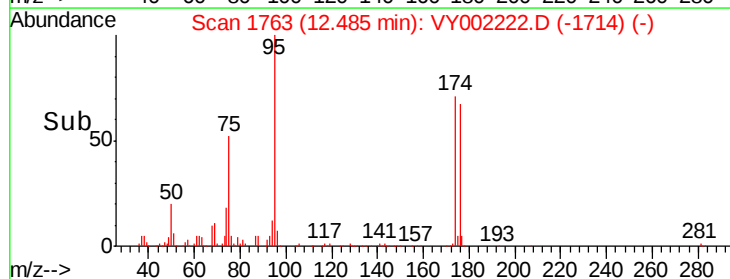
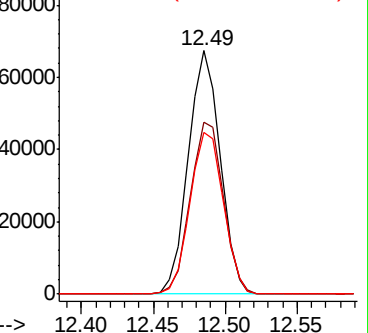
176 69.6 0.0 137.0

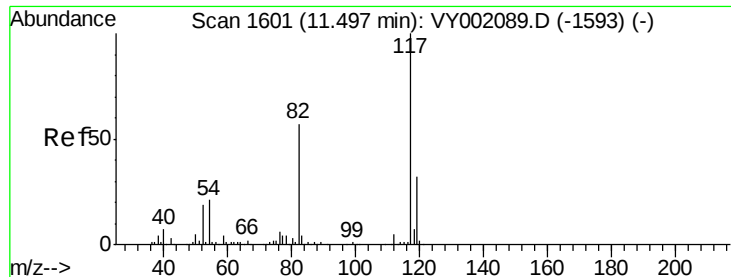


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

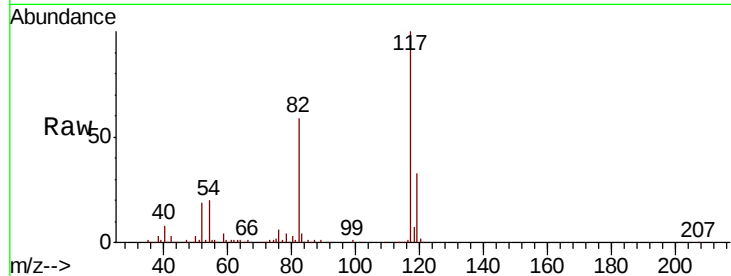




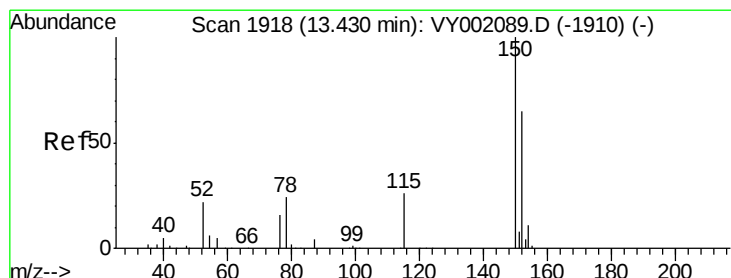
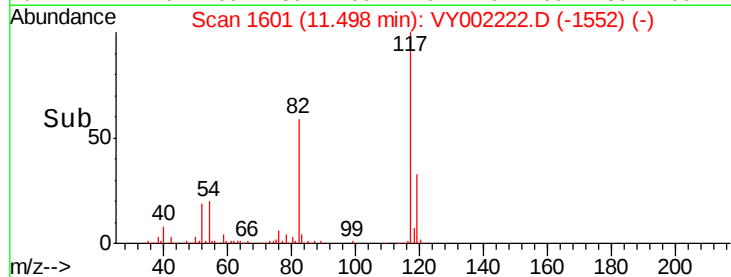
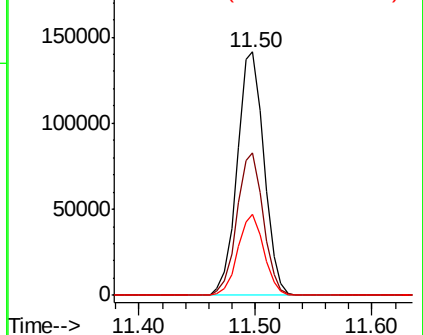
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002222.D
Acq: 03 Apr 2020 16:40

Instrument :
MSVOA_Y
ClientSampleId :
72-11991

Tot Ion:117 Resp: 226481
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.2
119 33.2 25.3 37.9

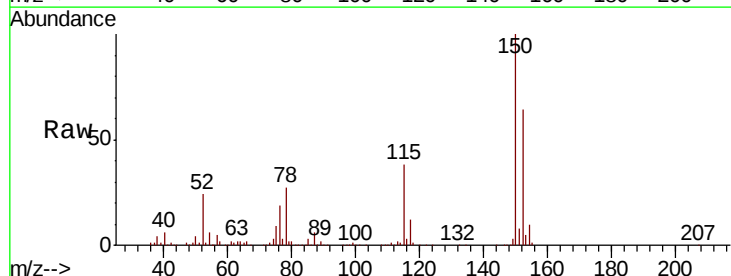


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

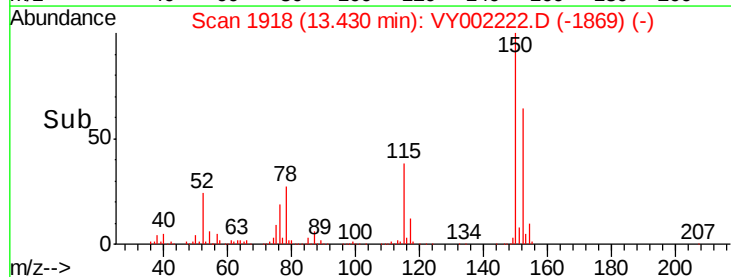
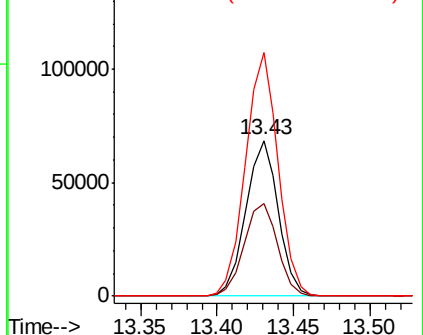


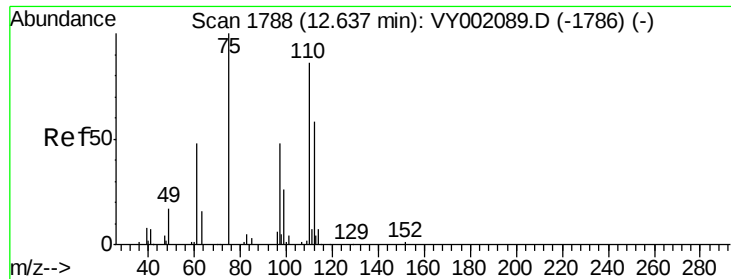
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002222.D
Acq: 03 Apr 2020 16:40

Tgt Ion:152 Resp: 101099
Ion Ratio Lower Upper
152 100
115 61.2 31.2 93.6
150 156.5 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: 47.273 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002222.D

Acq: 03 Apr 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

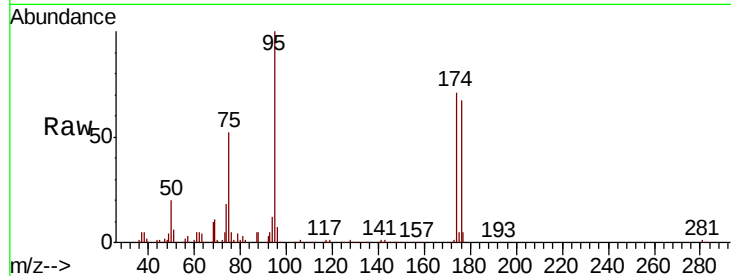
72-11991

Tot Ion: 75 Resp: 53460

Ion Ratio Lower Upper

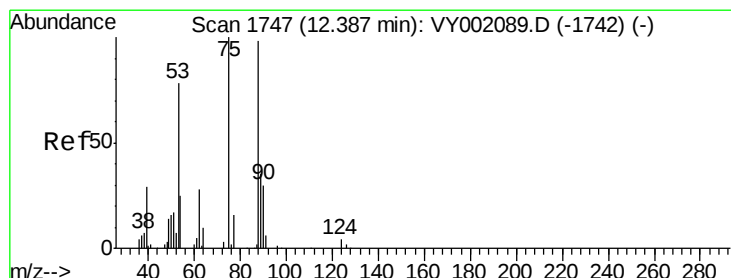
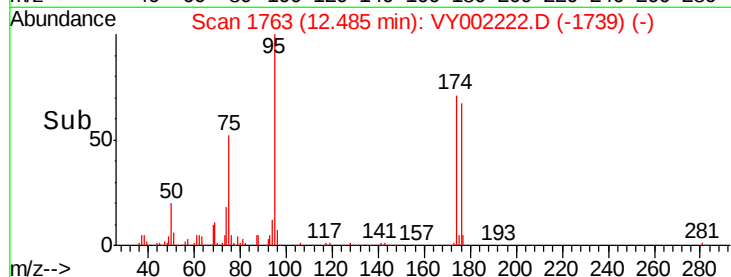
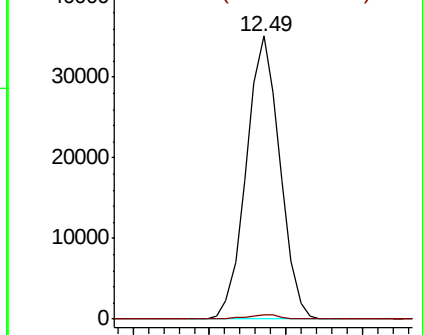
75 100

77 1.5 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: 91.584 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002222.D

Acq: 03 Apr 2020 16:40

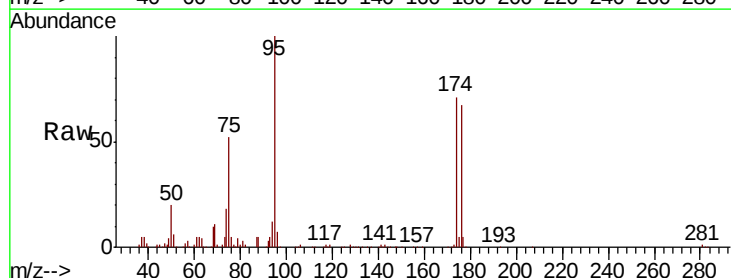
Tgt Ion: 75 Resp: 53460

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#



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

