

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003576.D
 Acq On : 20 Nov 2020 18:24
 Operator : SY/MD
 Sample : L4836-08
 Misc : 7.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 01:54:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	92227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	222695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	214283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	96303	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	78148	81.61	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	163.22%#
35) Dibromofluoromethane	7.72	113	79910	54.59	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.18%
50) Toluene-d8	10.17	98	278534	48.93	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.86%
62) 4-Bromofluorobenzene	12.48	95	86380	47.82	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.64%

Target Compounds

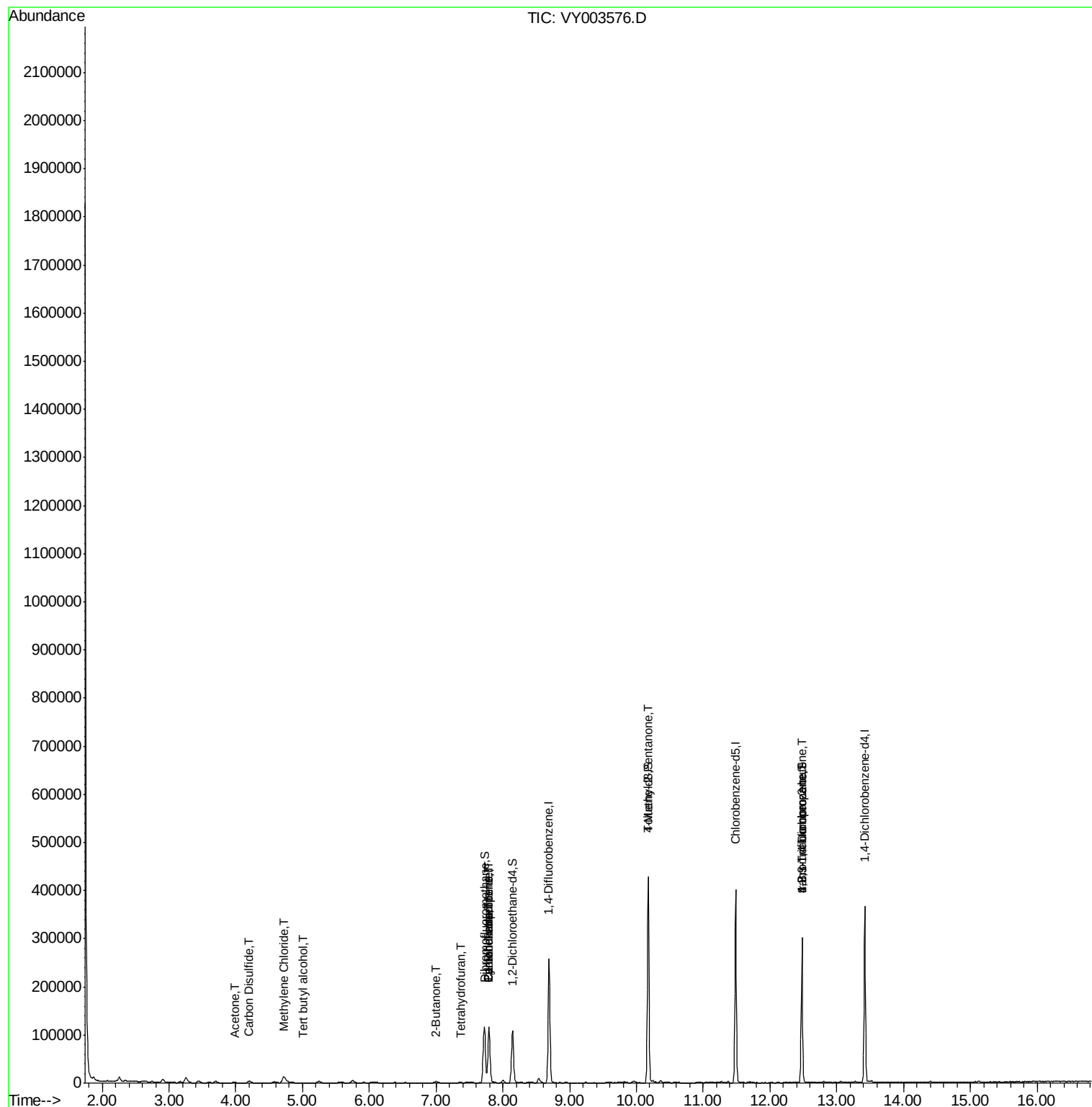
					Qvalue	
11) Tert butyl alcohol	5.00	59	173	2.390	ug/l #	100
16) Acetone	3.97	43	3303	10.330	ug/l	90
17) Carbon Disulfide	4.20	76	9435	3.609	ug/l	99
20) Methylene Chloride	4.72	84	9884	4.323	ug/l	96
25) 2-Butanone	7.00	43	546	1.316	ug/l	91
29) Tetrahydrofuran	7.36	42	1043	4.799	ug/l #	87
31) Cyclohexane	7.79	56	2694	1.946	ug/l #	51
36) 1,1-Dichloropropene	7.79	75	6543	2.984	ug/l #	48
38) Carbon Tetrachloride	7.79	117	8617	4.243	ug/l #	16
51) 4-Methyl-2-Pentanone	10.17	43	1313	1.129	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	44968	48.164	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	44968	76.566	ug/l #	14

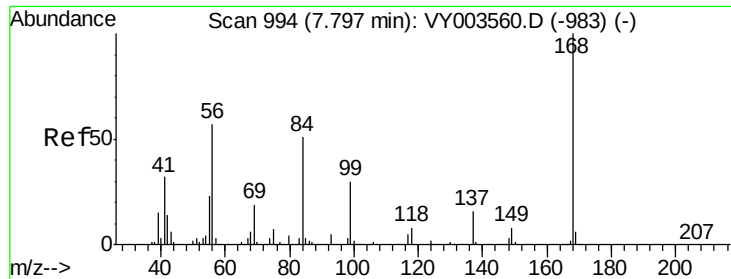
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
Data File : VY003576.D
Acq On : 20 Nov 2020 18:24
Operator : SY/MD
Sample : L4836-08
Misc : 7.15G/5ML/MSVOA Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 21 01:54:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:00:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003576.D

Acq: 20 Nov 2020 18:24

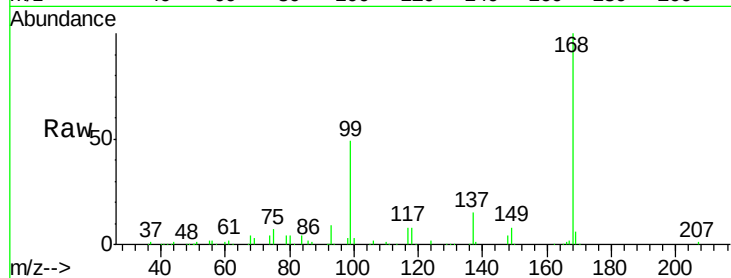
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 92227

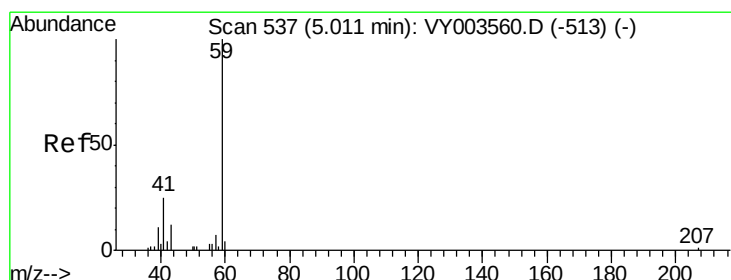
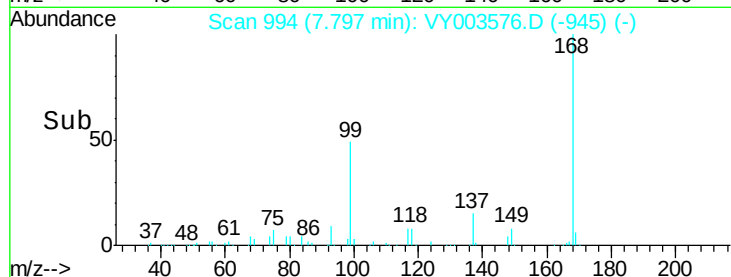
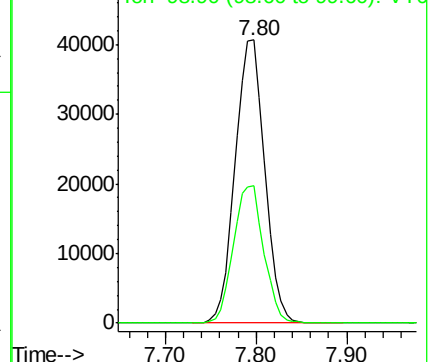
Ion Ratio Lower Upper

168 100

99 48.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003576.D (-945) (-)



#11

Tert butyl alcohol

Concen: 2.390 ug/l

RT: 5.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: VY003576.D

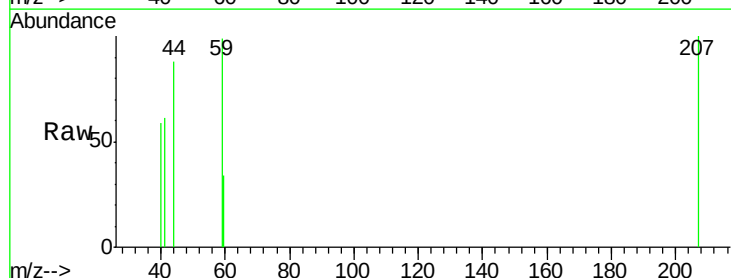
Acq: 20 Nov 2020 18:24

Tgt Ion: 59 Resp: 173

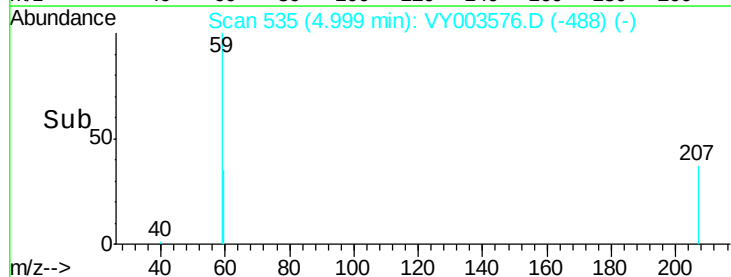
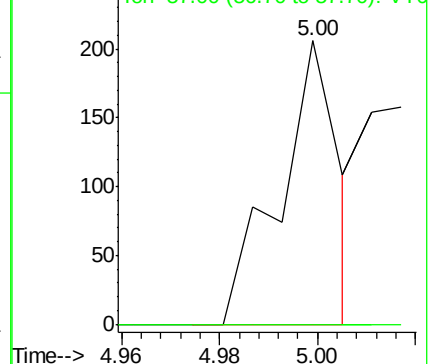
Ion Ratio Lower Upper

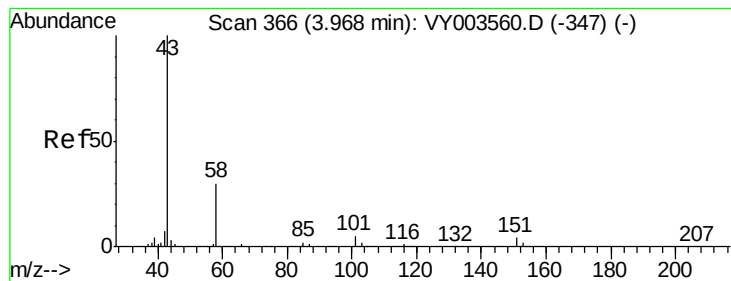
59 100

57 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VY003576.D (-488) (-)





#16

Acetone

Concen: 10.330 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY003576.D

Acq: 20 Nov 2020 18:24

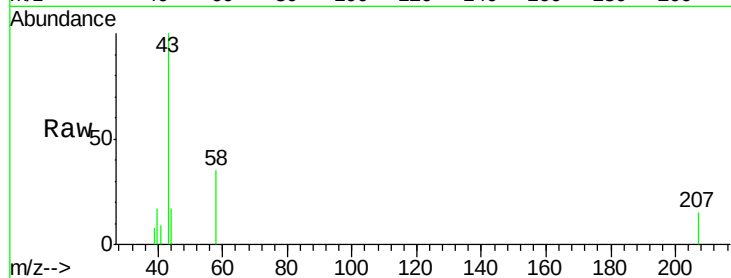
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 3303

Ion Ratio Lower Upper

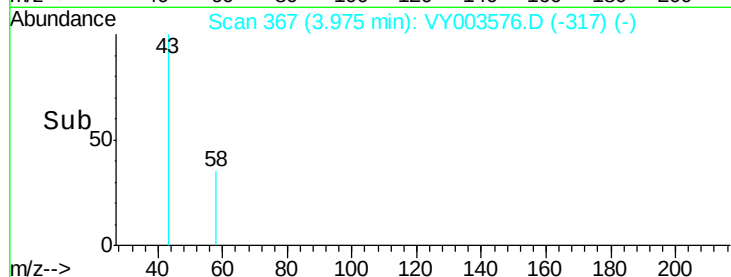
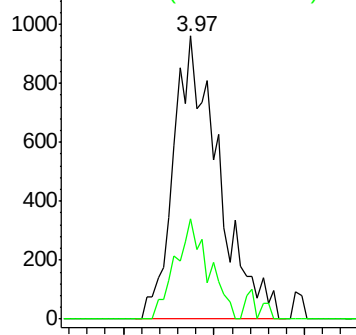
43 100

58 35.3 23.8 35.8

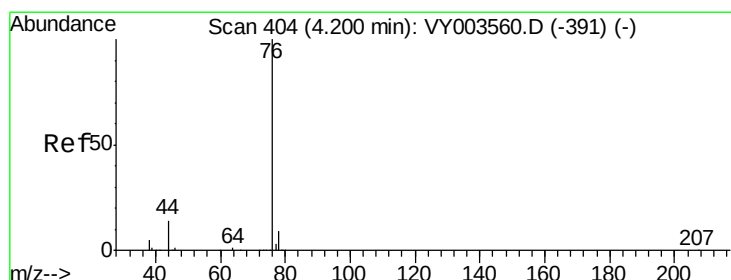


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->



#17

Carbon Disulfide

Concen: 3.609 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003576.D

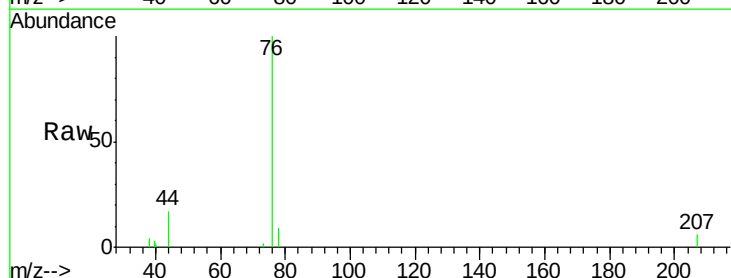
Acq: 20 Nov 2020 18:24

Tgt Ion: 76 Resp: 9435

Ion Ratio Lower Upper

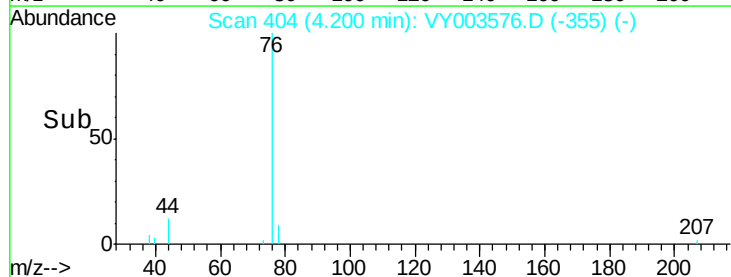
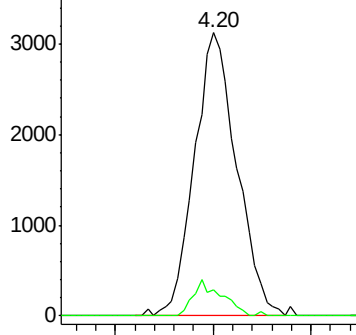
76 100

78 9.2 7.1 10.7

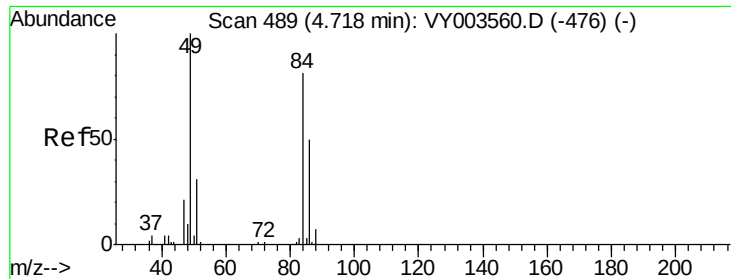


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



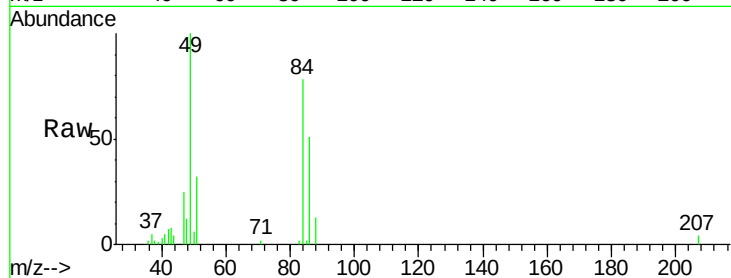
Time-->



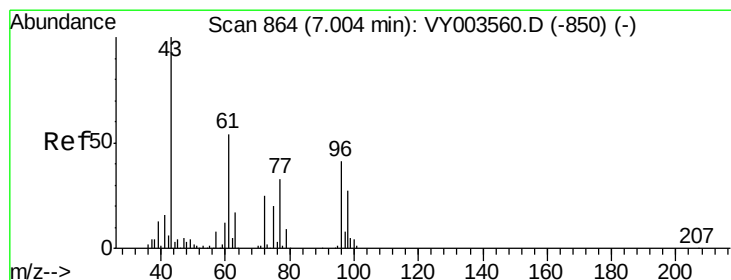
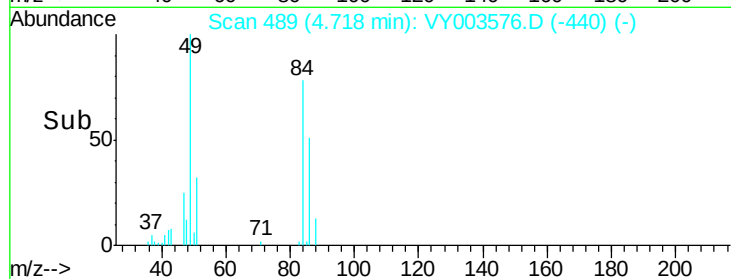
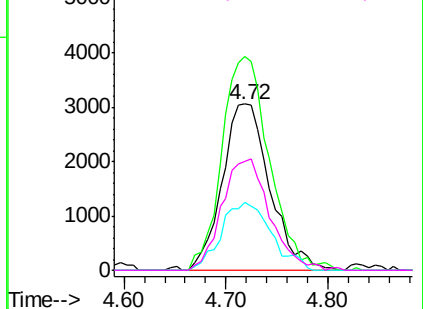
#20
Methylene Chloride
Concen: 4.323 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY003576.D
Acq: 20 Nov 2020 18:24

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 9884
Ion Ratio Lower Upper
84 100
49 128.7 99.0 148.6
51 40.7 30.5 45.7
86 65.4 49.9 74.9

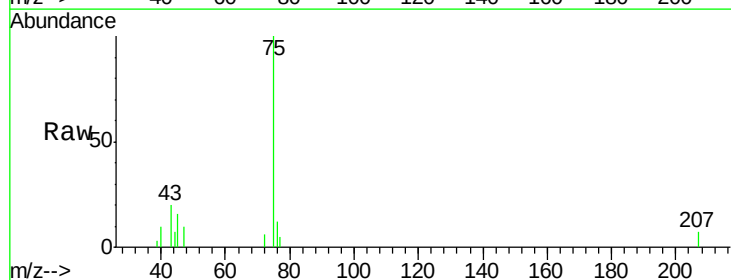


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

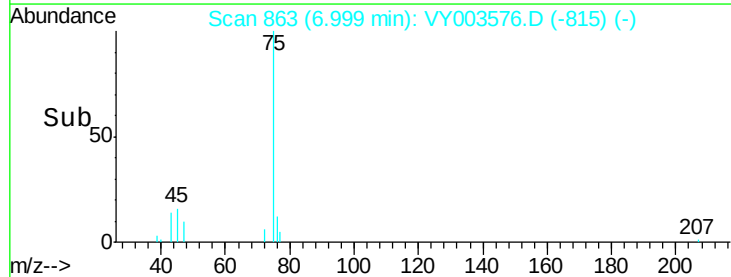
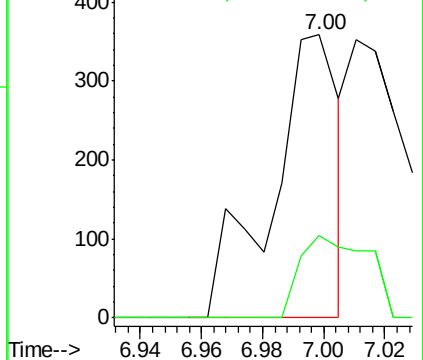


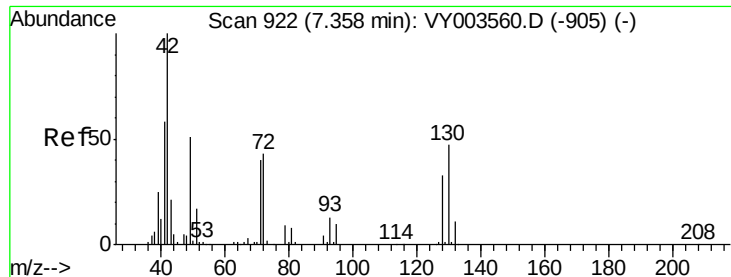
#25
2-Butanone
Concen: 1.316 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY003576.D
Acq: 20 Nov 2020 18:24

Tgt Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
72 29.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0

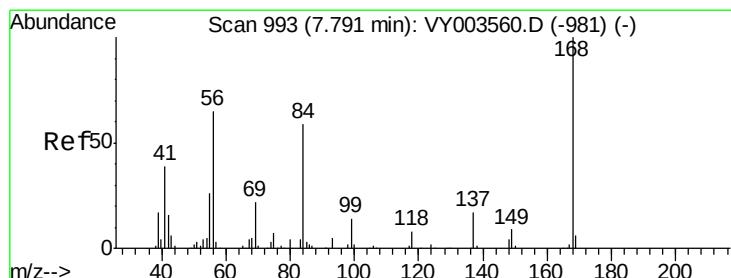
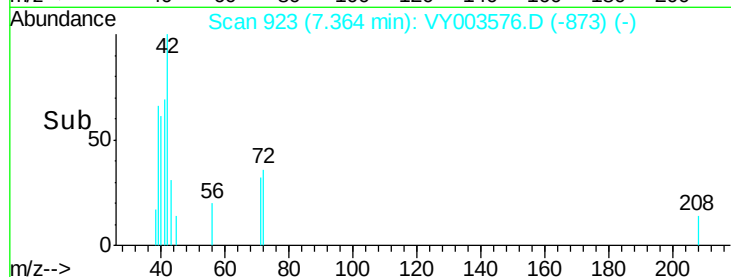
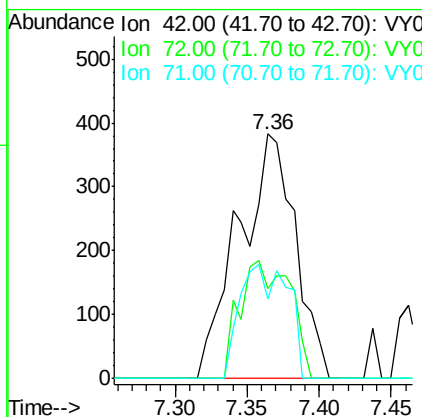
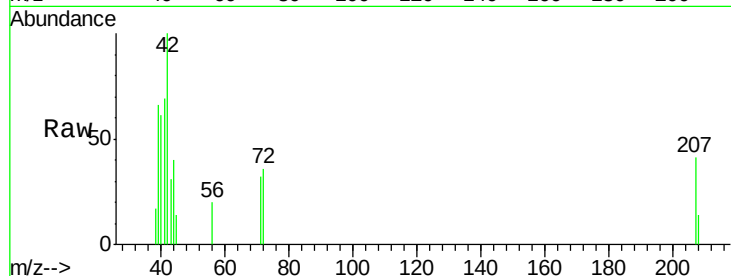




#29
Tetrahydrofuran
Concen: 4.799 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY003576.D
Acq: 20 Nov 2020 18:24

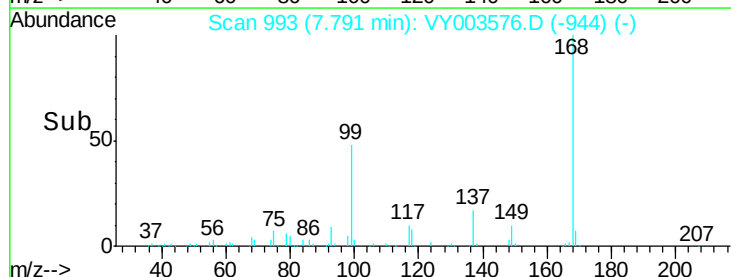
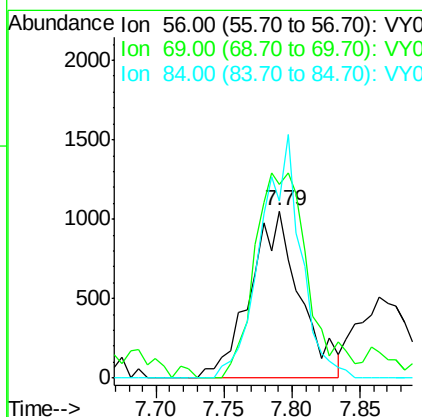
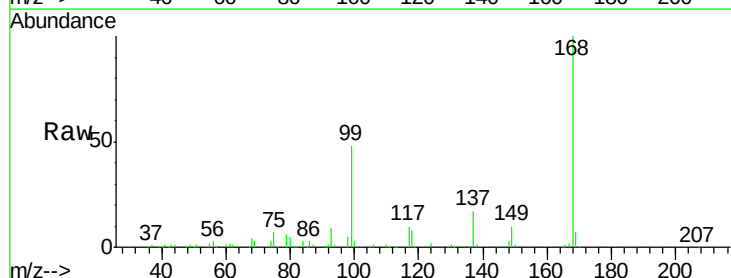
Instrument :
MSVOA_Y
ClientSampled :

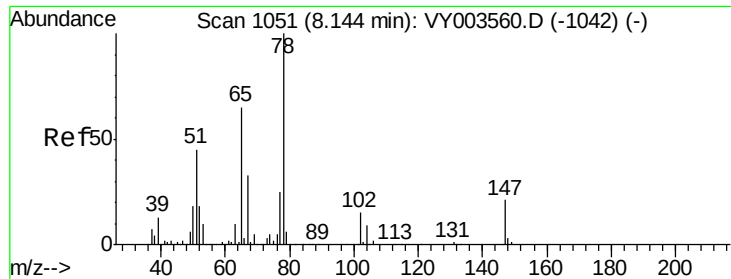
Tot Ion: 42 Resp: 1043
Ion Ratio Lower Upper
42 100
72 42.9 32.6 49.0
71 23.8 30.2 45.2#



#31
Cyclohexane
Concen: 1.946 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY003576.D
Acq: 20 Nov 2020 18:24

Tgt Ion: 56 Resp: 2694
Ion Ratio Lower Upper
56 100
69 110.0 27.0 40.6#
84 106.4 71.8 107.6

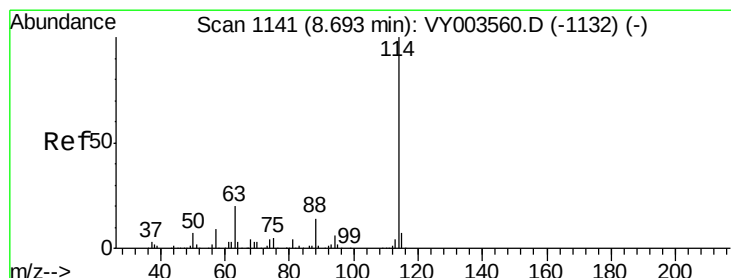
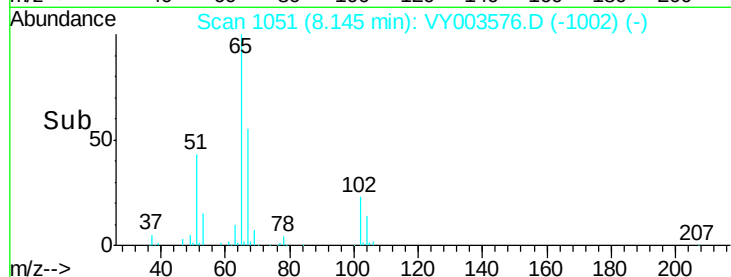
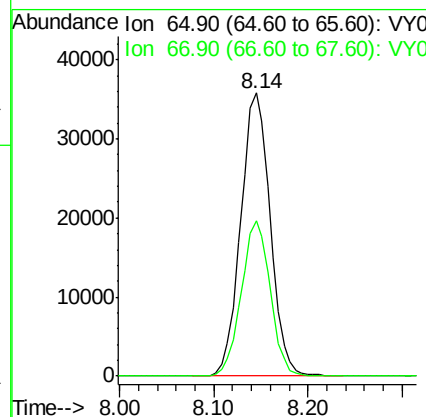
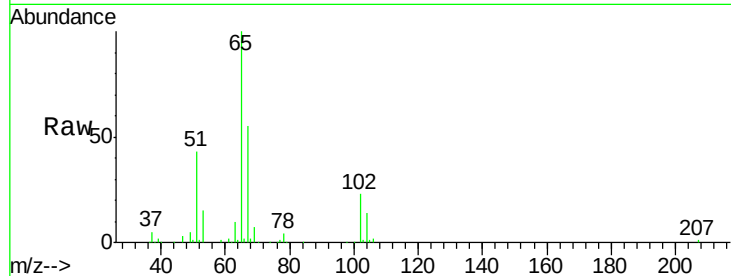




#33
 1,2-Dichloroethane-d4
 Concen: 81.607 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003576.D
 Acq: 20 Nov 2020 18:24

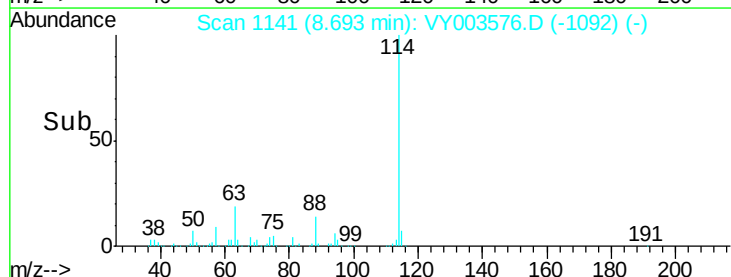
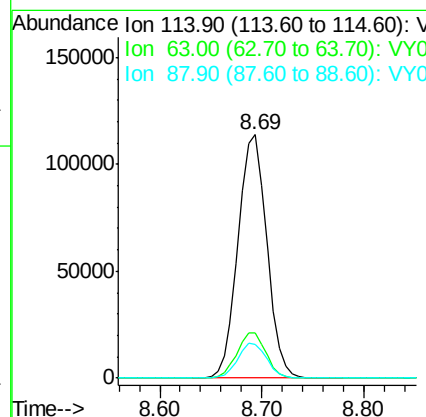
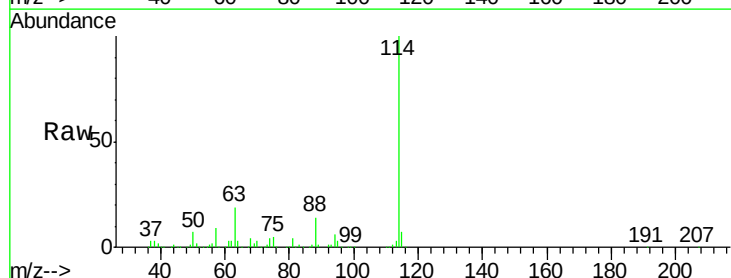
Instrument :
 MSVOA_Y
 ClientSampleId :

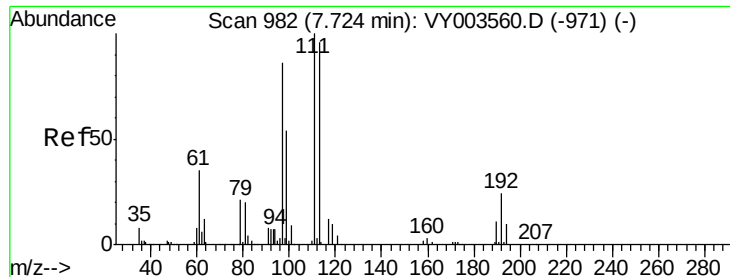
Tot Ion: 65 Resp: 78148
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003576.D
 Acq: 20 Nov 2020 18:24

Tgt Ion: 114 Resp: 222695
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.8
 88 13.8 0.0 29.0

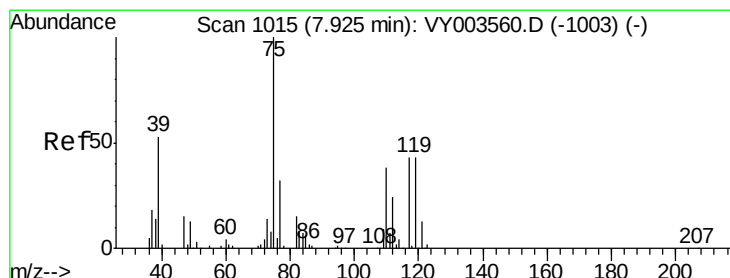
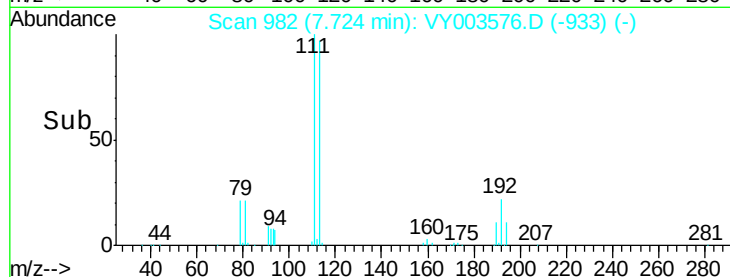
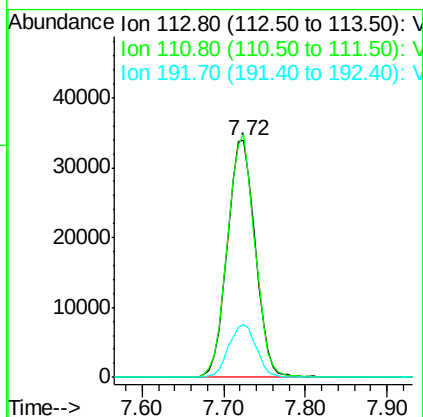
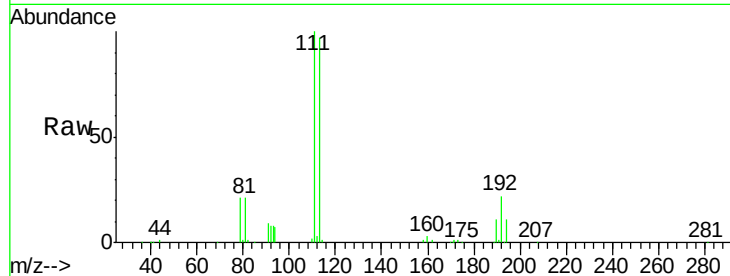




#35
 Dibromofluoromethane
 Concen: 54.589 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003576.D
 Acq: 20 Nov 2020 18:24

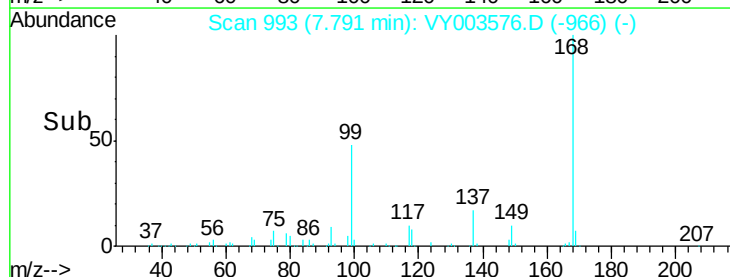
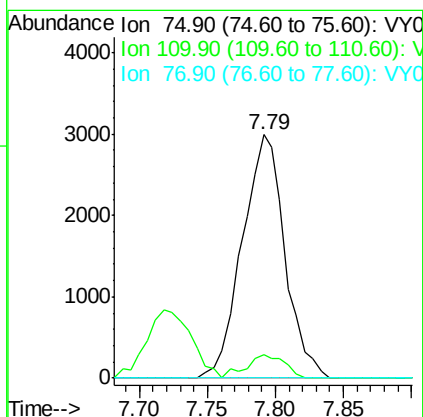
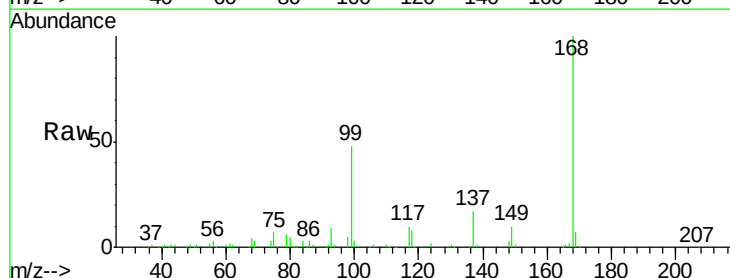
Instrument :
 MSVOA_Y
 ClientSampleId :

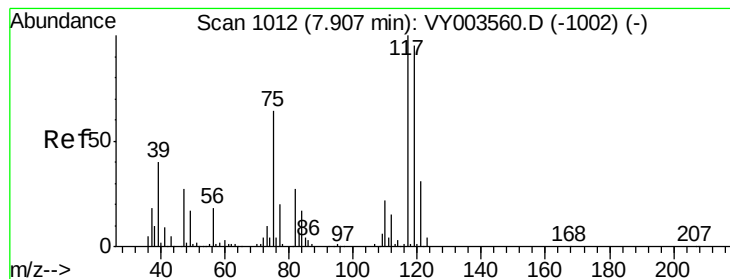
Tot Ion:113 Resp: 79910
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.4 122.0
 192 22.0 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 2.984 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003576.D
 Acq: 20 Nov 2020 18:24

Tgt Ion: 75 Resp: 6543
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.7 56.1#
 77 0.0 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 4.243 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY003576.D

Acq: 20 Nov 2020 18:24

Instrument :

MSVOA_Y

ClientSampleId :

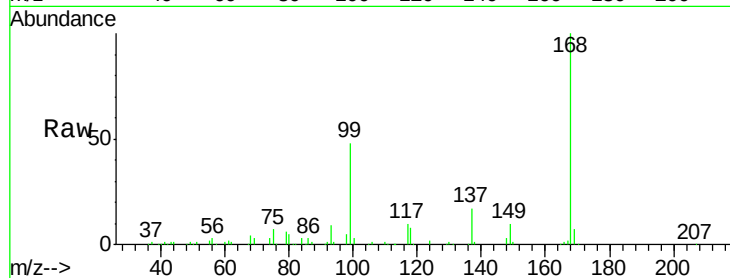
Tot Ion:117 Resp: 8617

Ion Ratio Lower Upper

117 100

119 4.9 76.3 114.5#

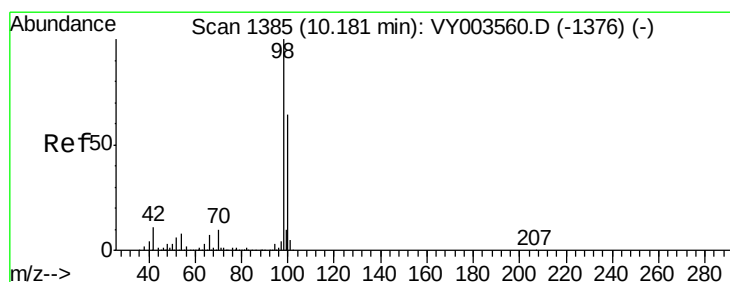
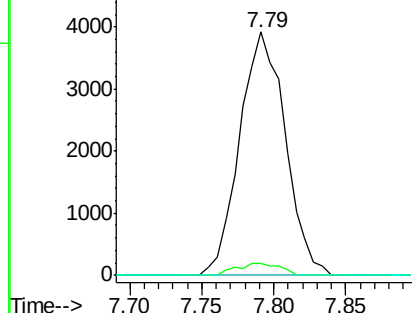
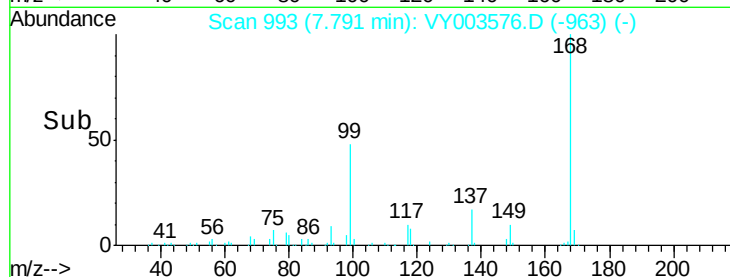
121 0.0 25.1 37.7#



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: 48.932 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY003576.D

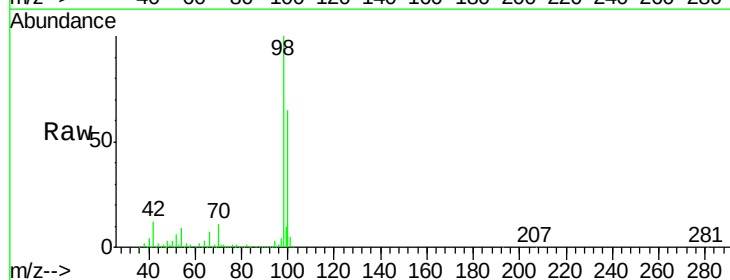
Acq: 20 Nov 2020 18:24

Tgt Ion: 98 Resp: 278534

Ion Ratio Lower Upper

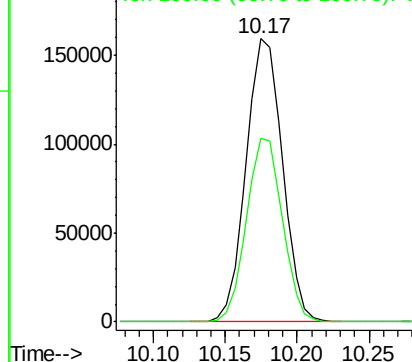
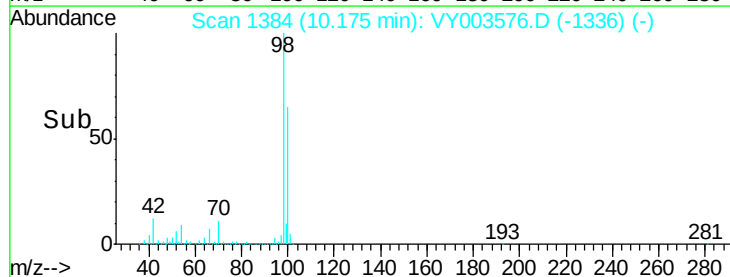
98 100

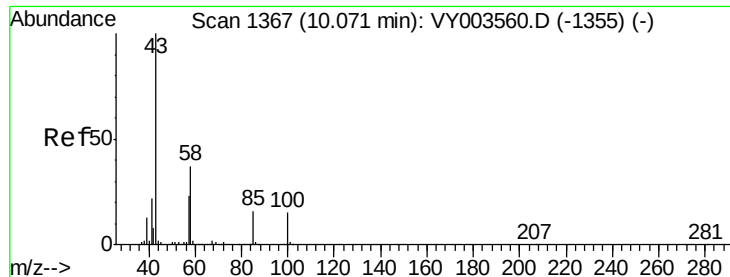
100 64.3 51.4 77.2



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: 1.129 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. 0.10 min

Lab File: VY003576.D

Acq: 20 Nov 2020 18:24

Instrument :

MSVOA_Y

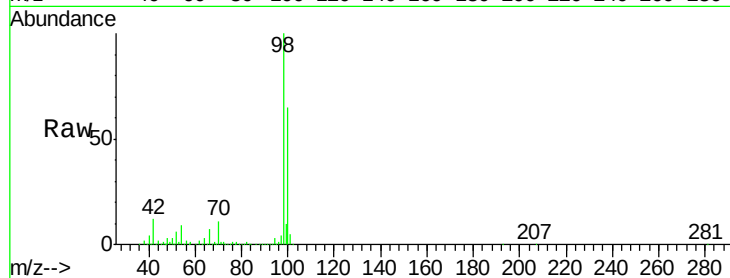
ClientSampled :

Tot Ion: 43 Resp: 1313

Ion Ratio Lower Upper

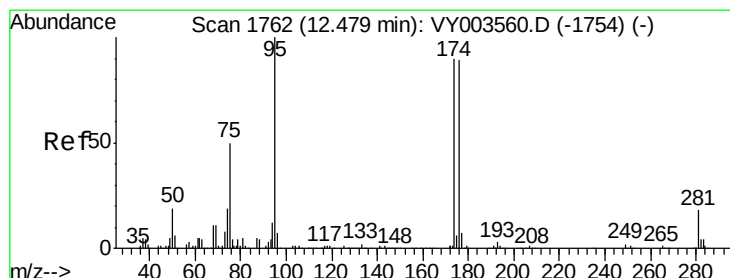
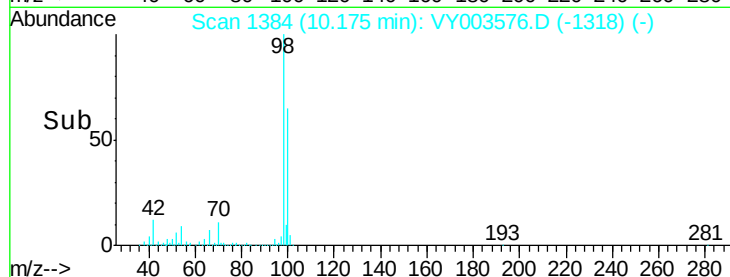
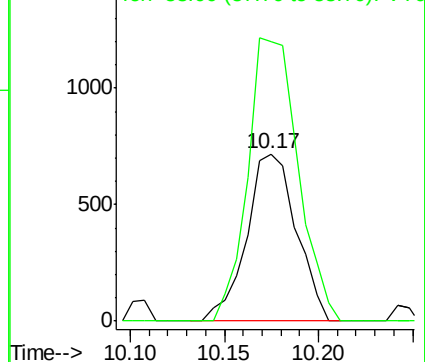
43 100

58 171.0 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 47.817 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003576.D

Acq: 20 Nov 2020 18:24

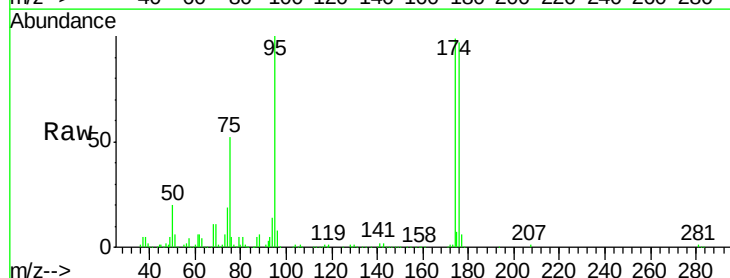
Tgt Ion: 95 Resp: 86380

Ion Ratio Lower Upper

95 100

174 95.1 0.0 184.0

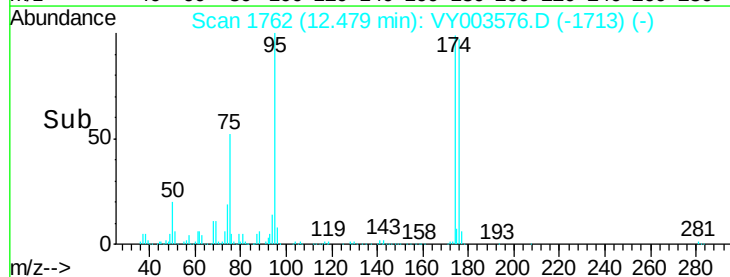
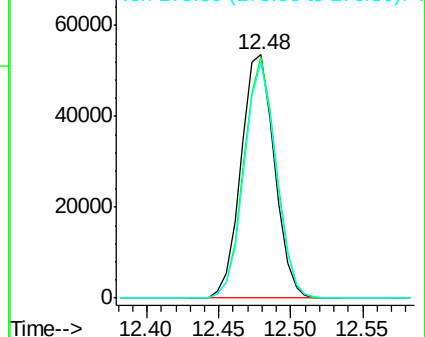
176 91.7 0.0 180.4

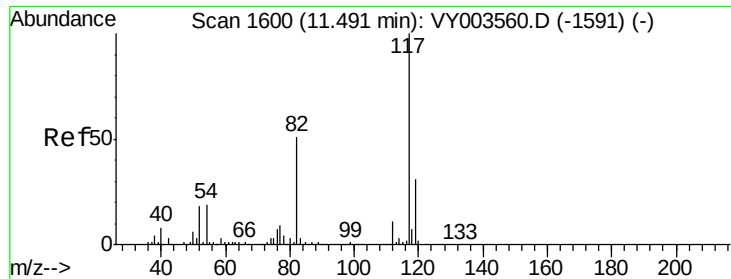


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

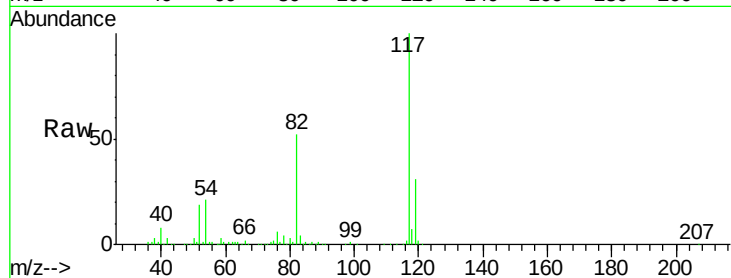




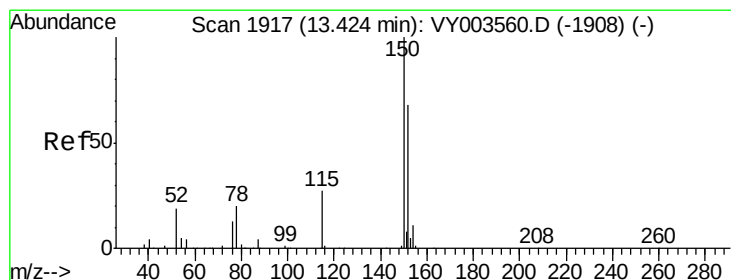
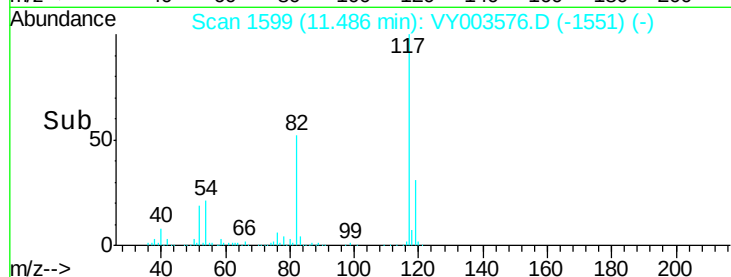
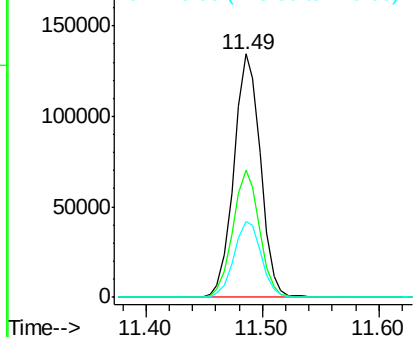
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003576.D
Acq: 20 Nov 2020 18:24

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 214283
Ion Ratio Lower Upper
117 100
82 52.5 41.0 61.6
119 31.1 25.0 37.6

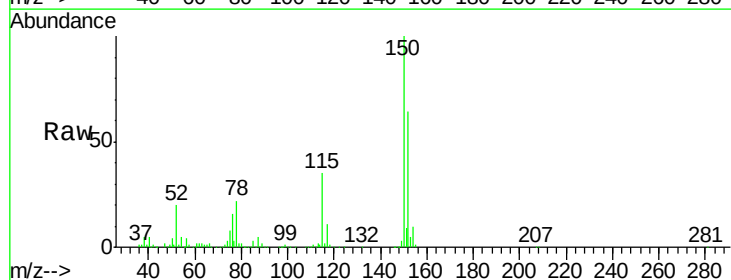


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

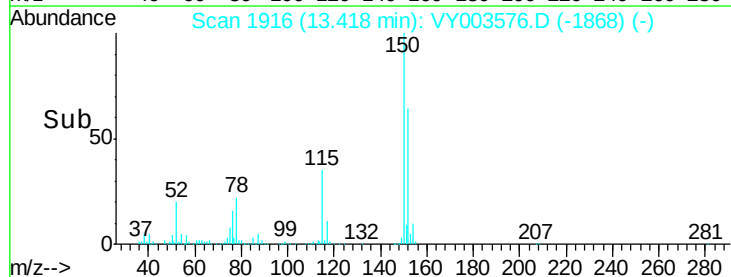
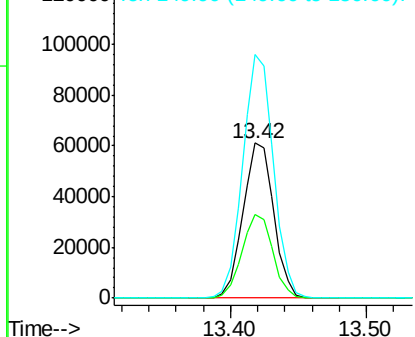


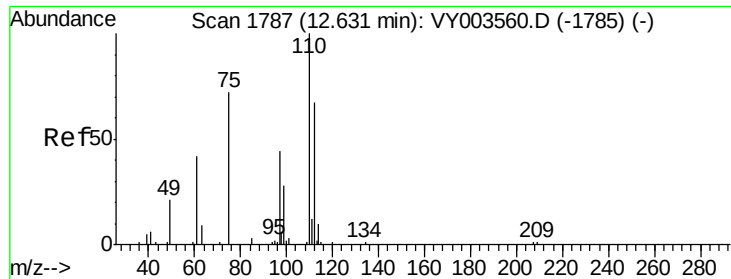
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY003576.D
Acq: 20 Nov 2020 18:24

Tgt Ion:152 Resp: 96303
Ion Ratio Lower Upper
152 100
115 53.9 27.4 82.0
150 157.3 0.0 349.6



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

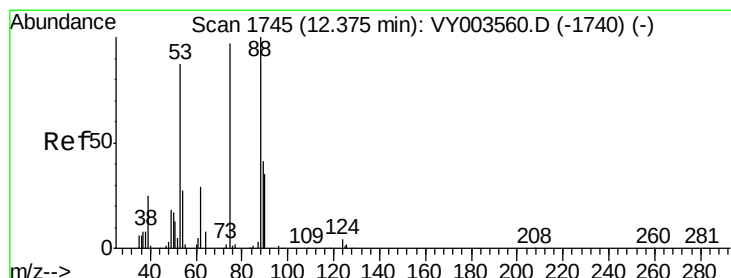
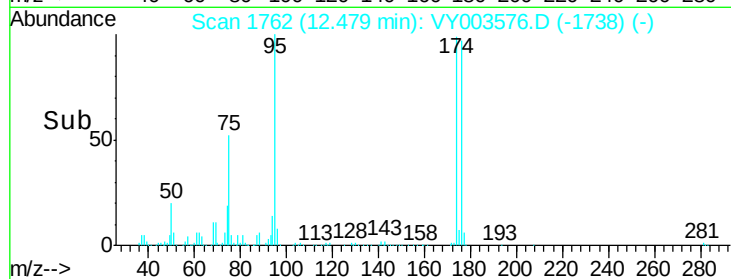
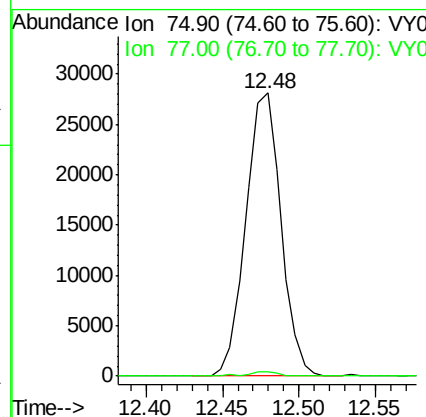
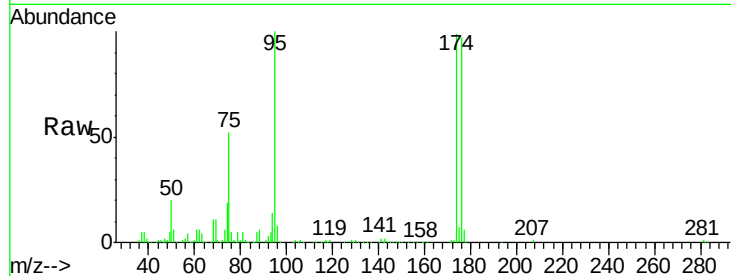




#76
 1,2,3-Trichloropropane
 Concen: 48.164 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY003576.D
 Acq: 20 Nov 2020 18:24

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 44968
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.566 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY003576.D
 Acq: 20 Nov 2020 18:24

Tgt Ion: 75 Resp: 44968
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.0 34.7 52.1#

