

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002210.D
 Acq On : 03 Apr 2020 11:18
 Operator : SY/MD
 Sample : VY0403SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBL01

Quant Time: Apr 04 00:16:57 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	132503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	259735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	240243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	104786	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	83163	56.77	ug/l	0.00
Spiked Amount			Recovery	=	113.54%	
35) Dibromofluoromethane	7.74	113	77080	52.96	ug/l	0.00
Spiked Amount			Recovery	=	105.92%	
50) Toluene-d8	10.19	98	316777	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.50	95	108597	51.36	ug/l	0.01
Spiked Amount			Recovery	=	102.72%	

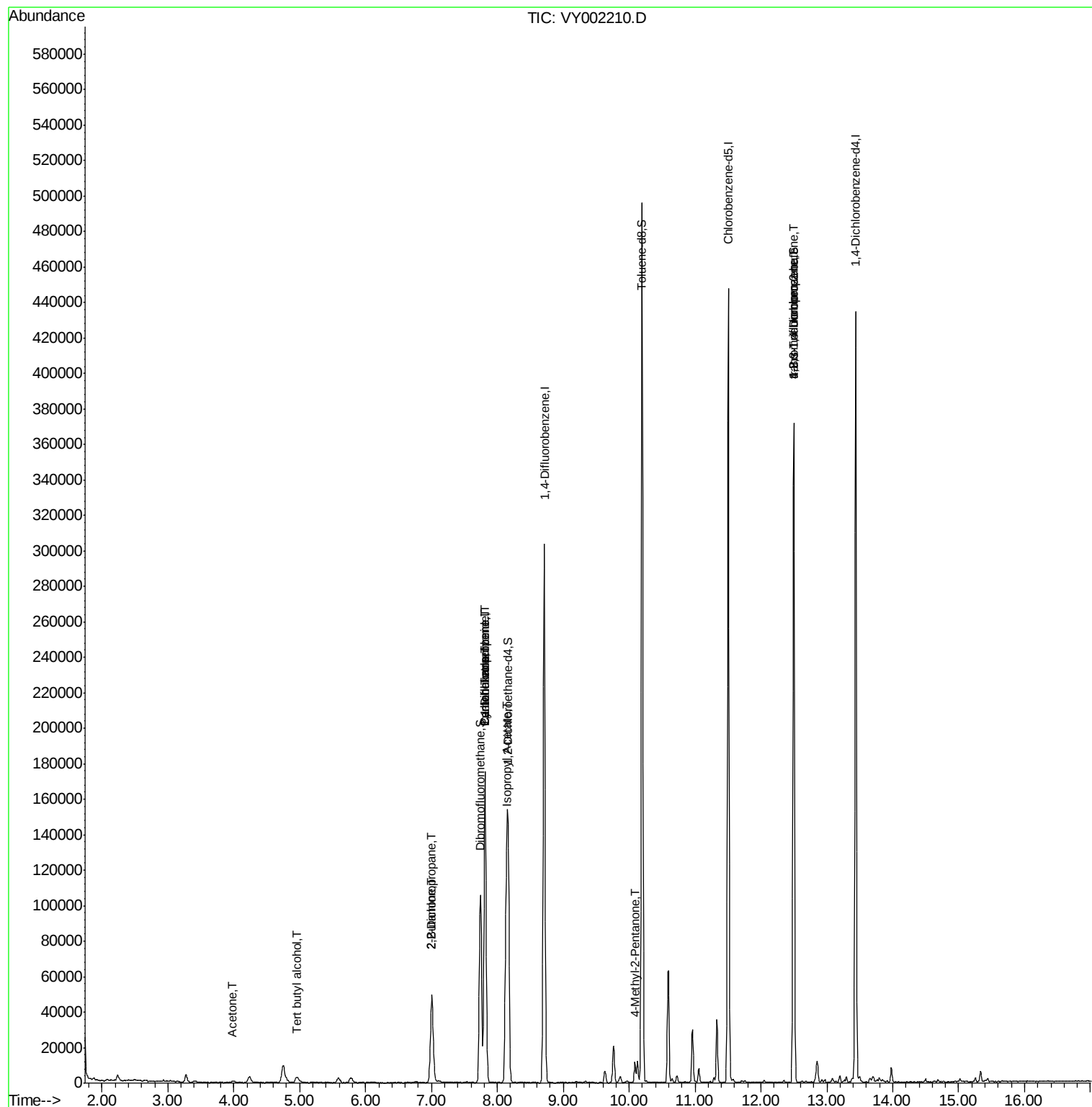
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	441	Below Cal		99
11) Tert butyl alcohol	4.94	59	1572	9.107	ug/l #	74
16) Acetone	3.97	43	1691	4.109	ug/l #	85
20) Methylene Chloride	4.75	84	6664	Below Cal		98
25) 2-Butanone	7.01	43	2773	4.388	ug/l #	85
26) 2,2-Dichloropropane	7.00	77	3729	1.581	ug/l #	52
31) Cyclohexane	7.82	56	3156	1.034	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	11717	4.769	ug/l #	49
38) Carbon Tetrachloride	7.81	117	13766	6.604	ug/l #	19
43) Isopropyl Acetate	8.13	43	3036	1.102	ug/l #	11
51) 4-Methyl-2-Pentanone	10.09	43	9110	6.421	ug/l	100
76) 1,2,3-Trichloropropane	12.50	75	56683	48.359	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	56683	93.688	ug/l #	17

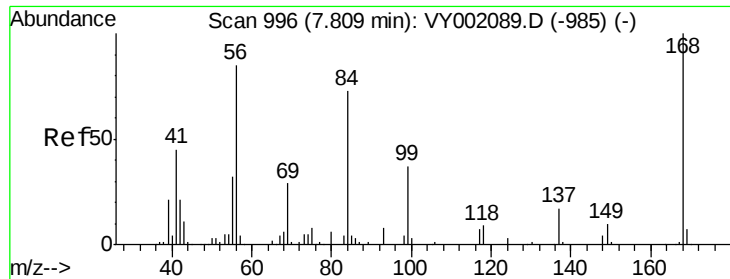
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
Data File : VY002210.D
Acq On : 03 Apr 2020 11:18
Operator : SY/MD
Sample : VY0403SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

Quant Time: Apr 04 00:16:57 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: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002210.D

Acq: 03 Apr 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

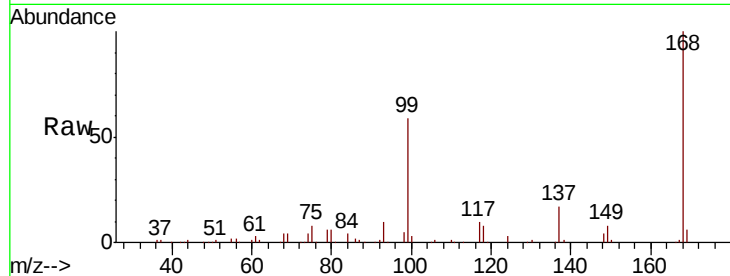
VY0403SBL01

Tot Ion:168 Resp: 132503

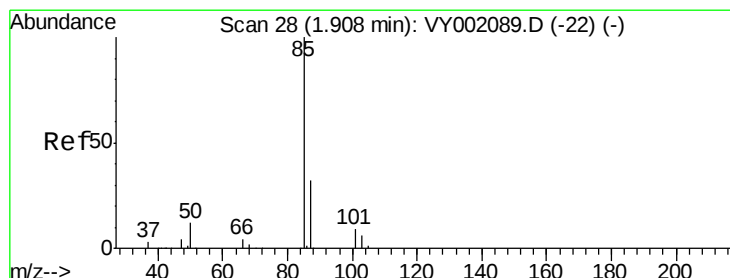
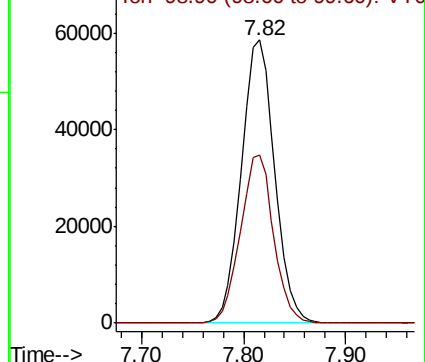
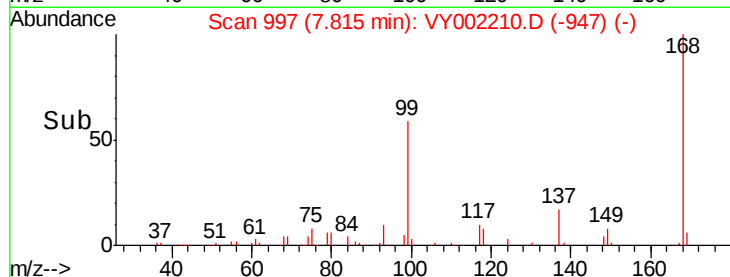
Ion Ratio Lower Upper

168 100

99 59.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002210.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002210.D

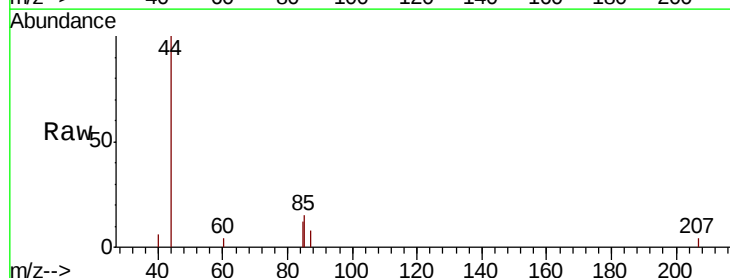
Acq: 03 Apr 2020 11:18

Tgt Ion: 85 Resp: 441

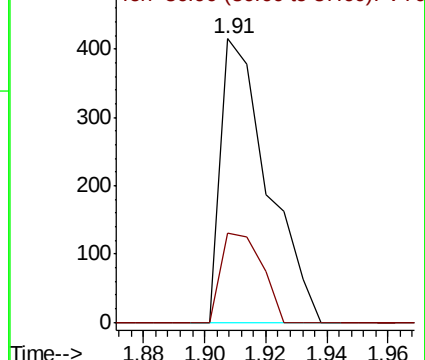
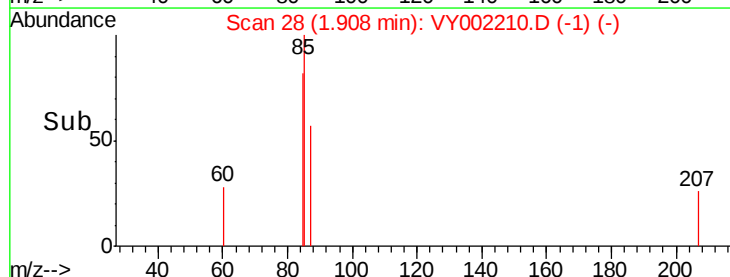
Ion Ratio Lower Upper

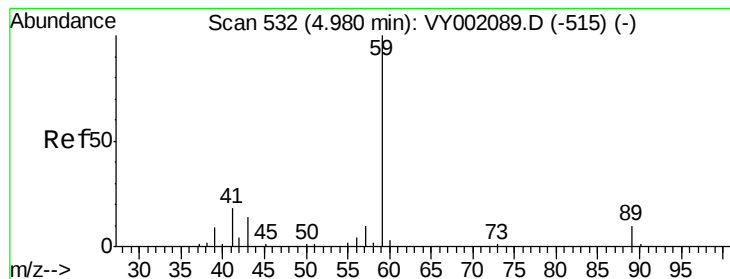
85 100

87 31.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002210.D (-1) (-)



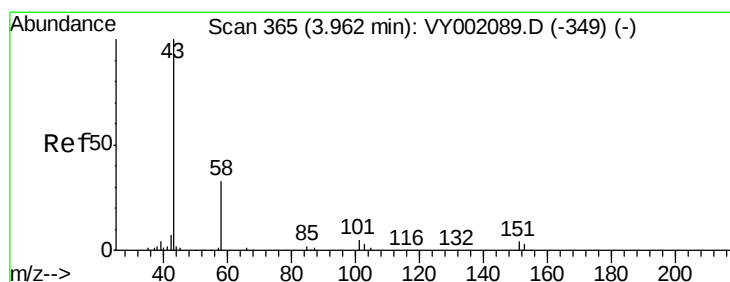
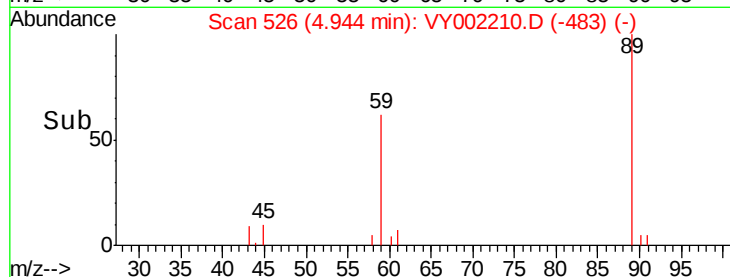
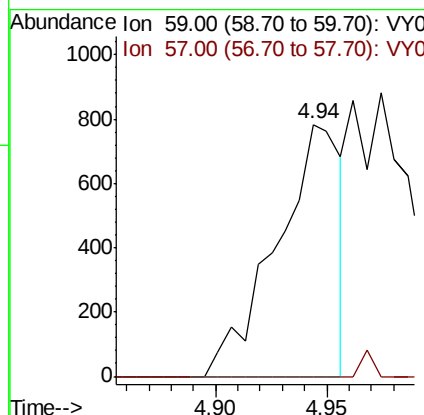
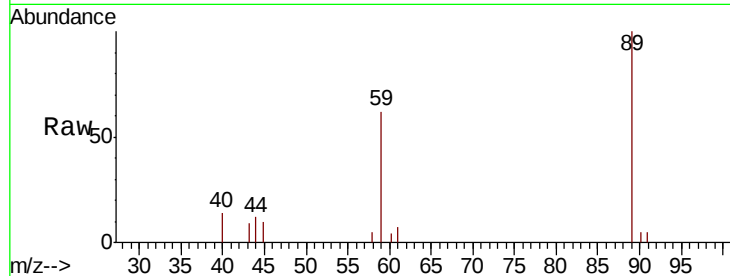


#11

Tert butyl alcohol
 Concen: 9.107 ug/l
 RT: 4.94 min Scan# 526
 Delta R.T. -0.04 min
 Lab File: VY002210.D
 Acq: 03 Apr 2020 11:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBL01

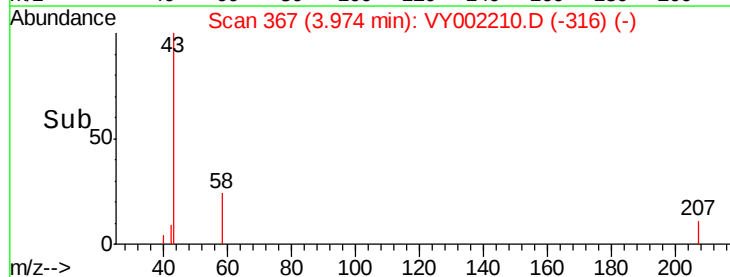
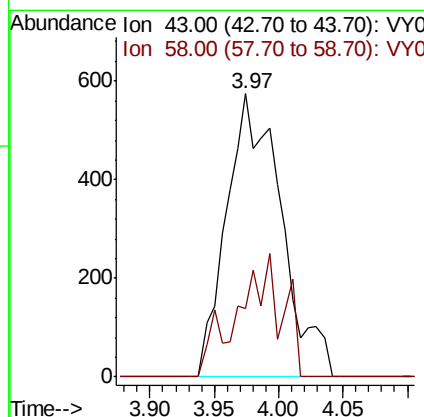
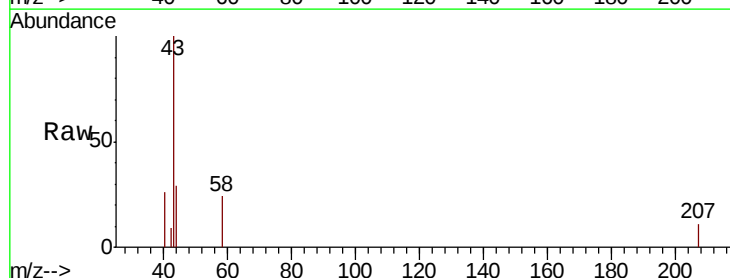
Tot Ion: 59 Resp: 1572
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

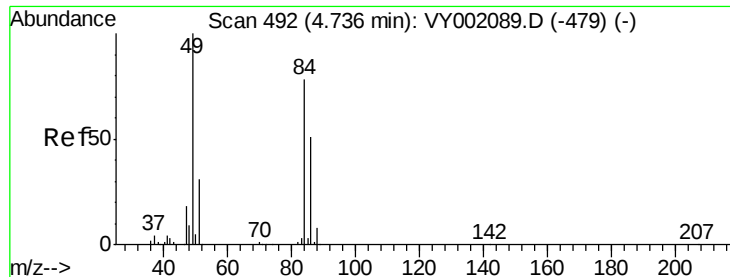


#16

Acetone
 Concen: 4.109 ug/l
 RT: 3.97 min Scan# 367
 Delta R.T. 0.01 min
 Lab File: VY002210.D
 Acq: 03 Apr 2020 11:18

Tgt Ion: 43 Resp: 1691
 Ion Ratio Lower Upper
 43 100
 58 24.2 26.3 39.5#

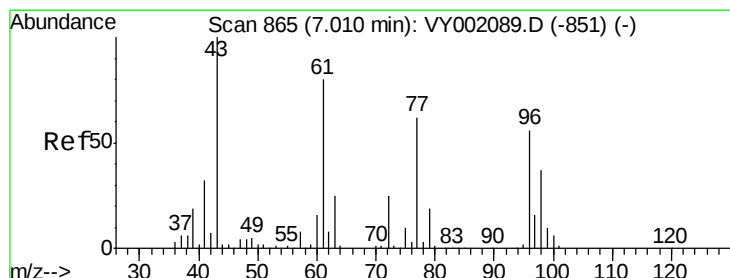
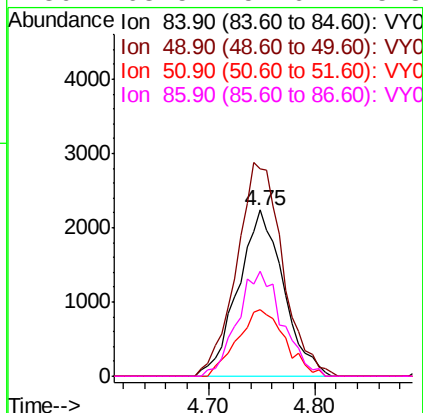
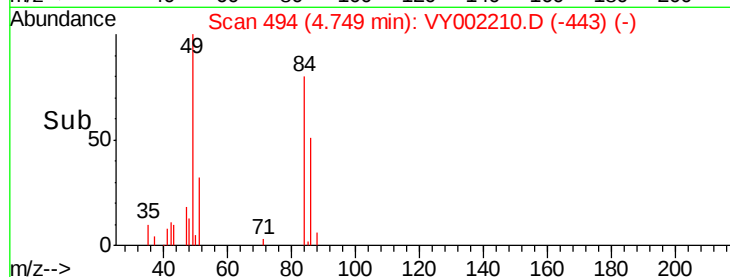
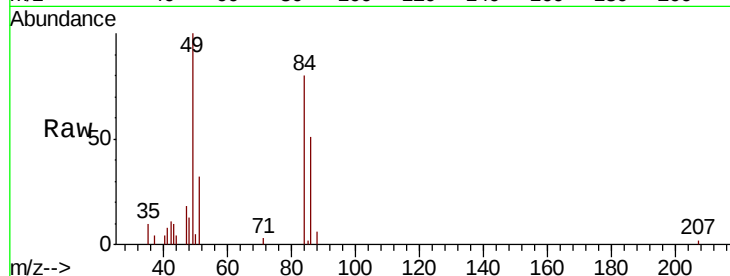




#20
Methylene Chloride
Concen: Below Cal
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002210.D
Acq: 03 Apr 2020 11:18

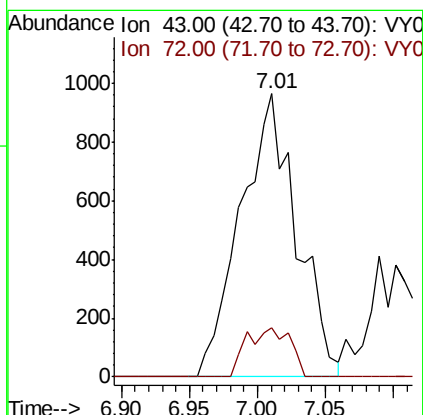
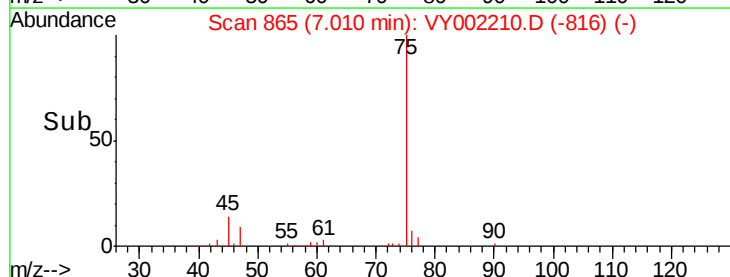
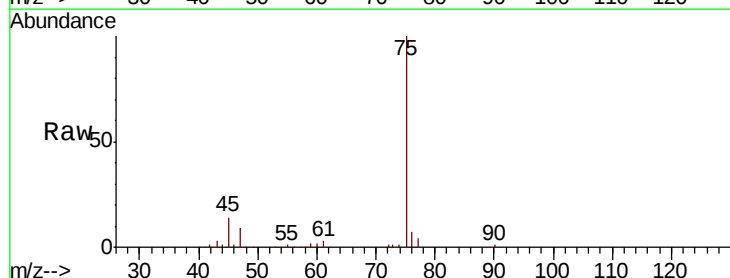
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

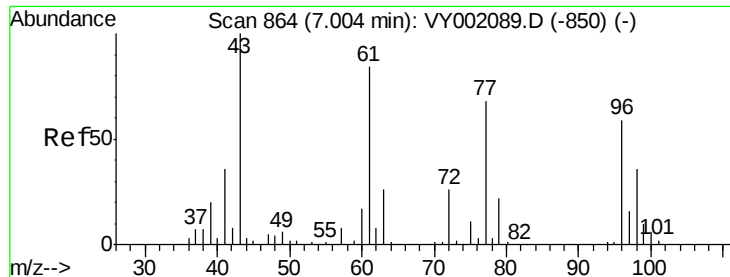
Tot Ion:	84	Resp:	6664
Ion	Ratio	Lower	Upper
84	100		
49	124.8	102.2	153.4
51	40.0	31.2	46.8
86	63.5	52.6	78.8



#25
2-Butanone
Concen: 4.388 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.00 min
Lab File: VY002210.D
Acq: 03 Apr 2020 11:18

Tgt Ion:	43	Resp:	2773
Ion	Ratio	Lower	Upper
43	100		
72	17.4	20.2	30.2#

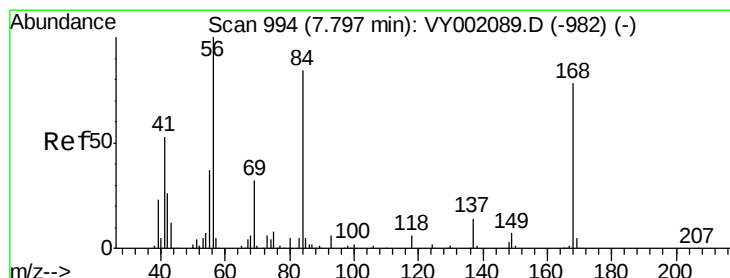
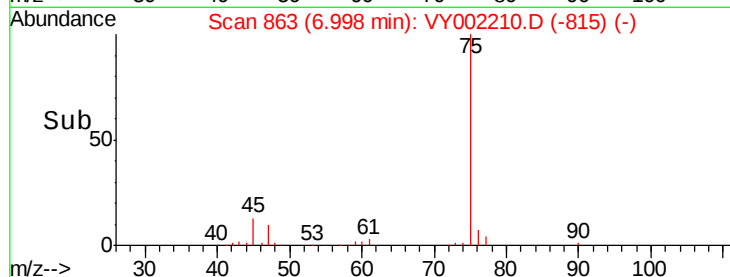
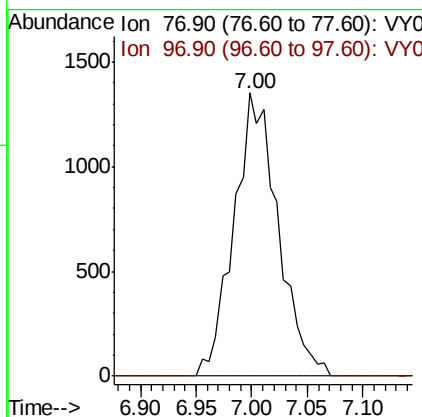
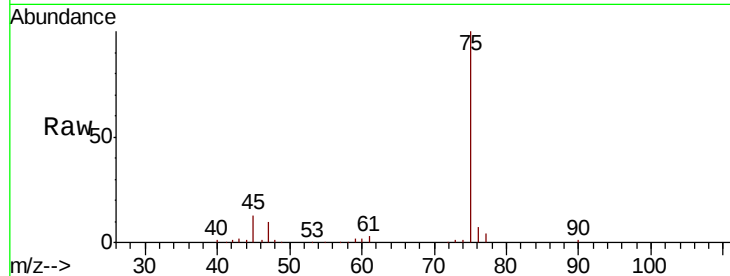




#26
 2,2-Dichloropropane
 Concen: 1.581 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY002210.D
 Acq: 03 Apr 2020 11:18

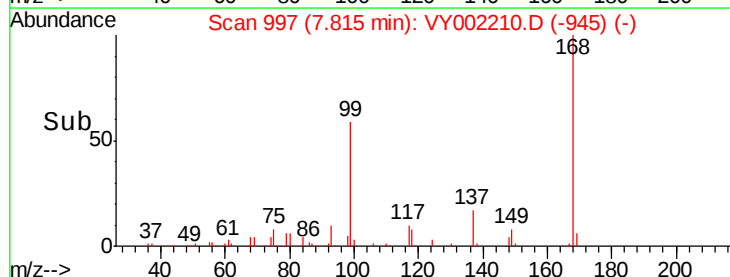
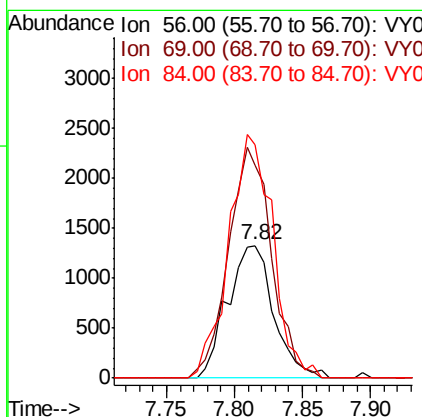
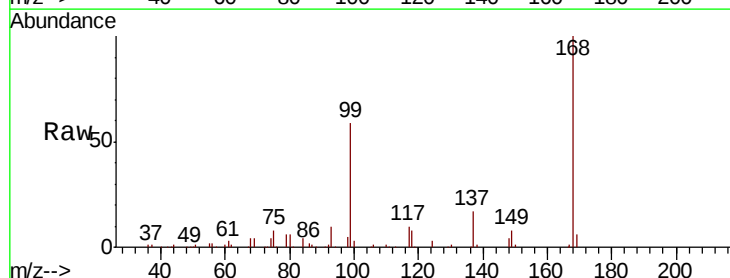
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBL01

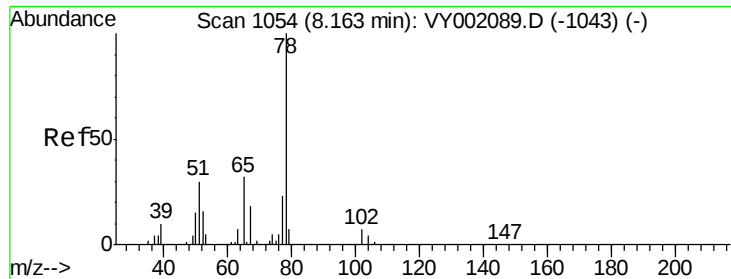
Tot Ion: 77 Resp: 3729
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.7 35.1#



#31
 Cyclohexane
 Concen: 1.034 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. 0.02 min
 Lab File: VY002210.D
 Acq: 03 Apr 2020 11:18

Tgt Ion: 56 Resp: 3156
 Ion Ratio Lower Upper
 56 100
 69 161.2 25.8 38.8#
 84 176.1 67.1 100.7#

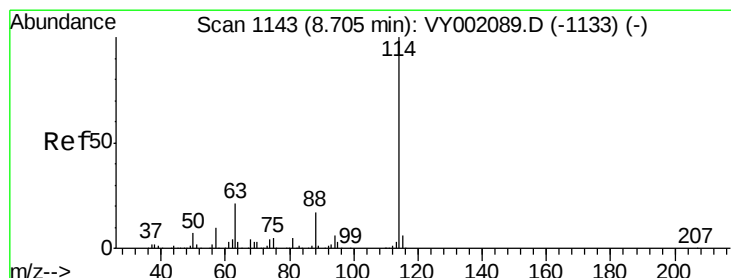
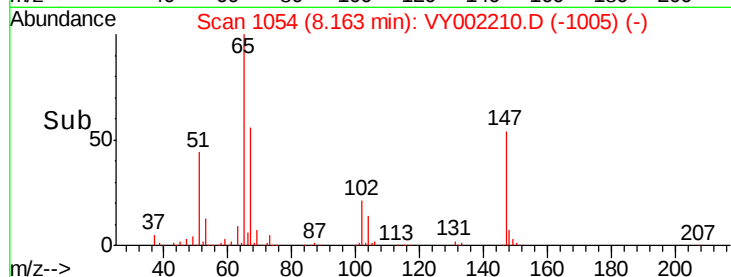
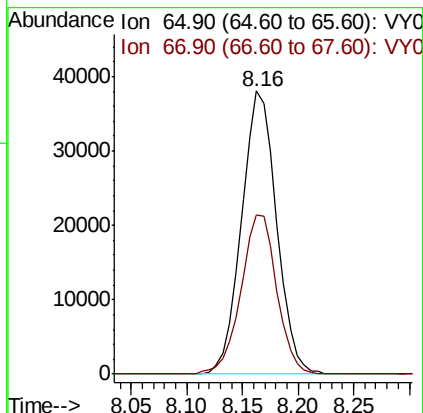
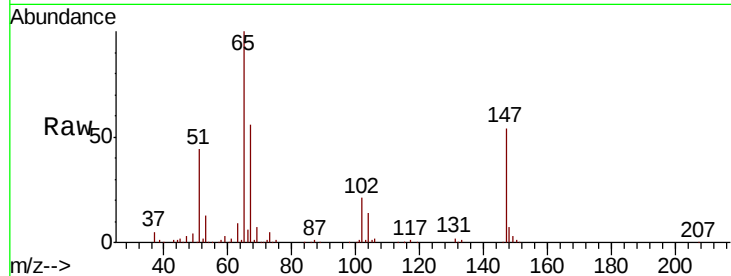




#33
 1,2-Dichloroethane-d4
 Concen: 56.775 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002210.D
 Acq: 03 Apr 2020 11:18

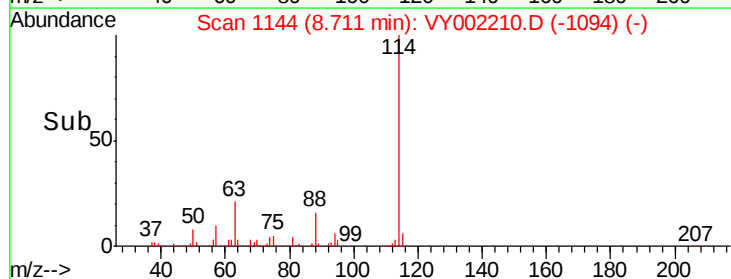
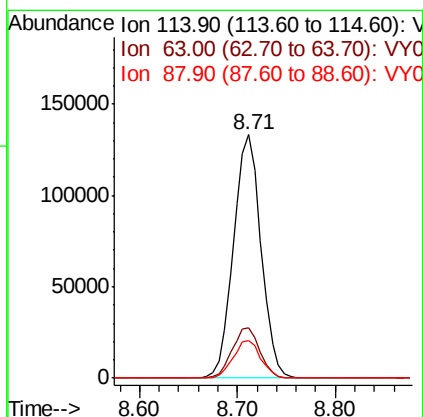
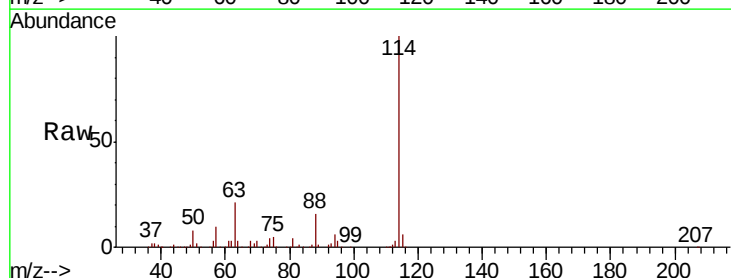
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBL01

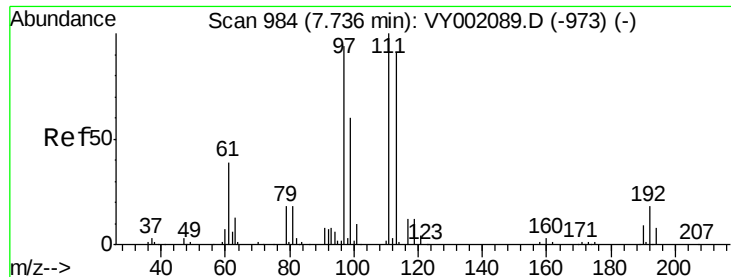
Tot Ion: 65 Resp: 83163
 Ion Ratio Lower Upper
 65 100
 67 57.7 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002210.D
 Acq: 03 Apr 2020 11:18

Tgt Ion: 114 Resp: 259735
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 15.6 0.0 33.0

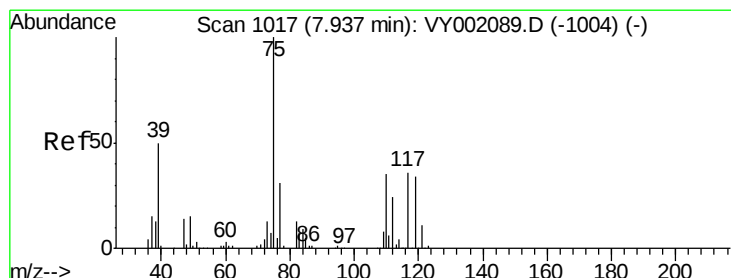
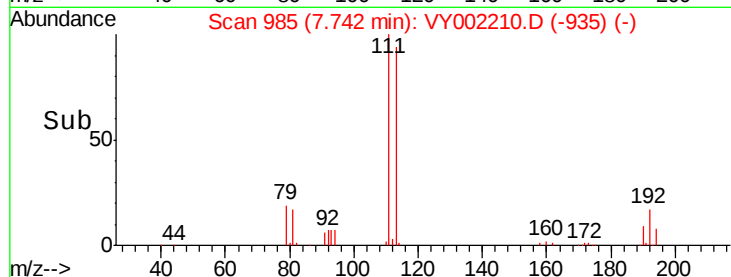
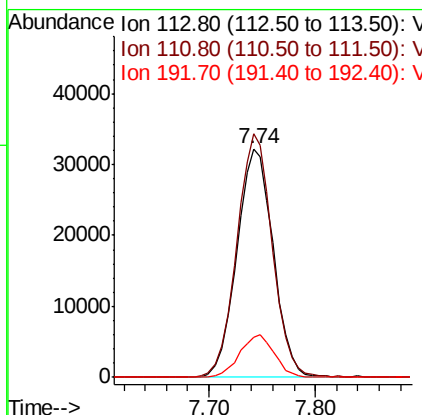
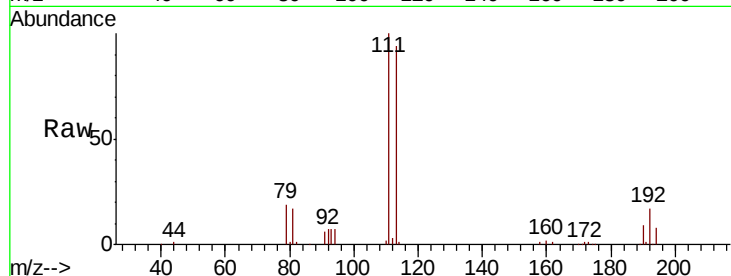




#35
 Dibromofluoromethane
 Concen: 52.964 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002210.D
 Acq: 03 Apr 2020 11:18

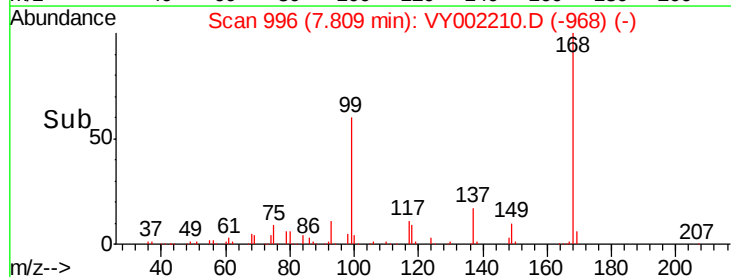
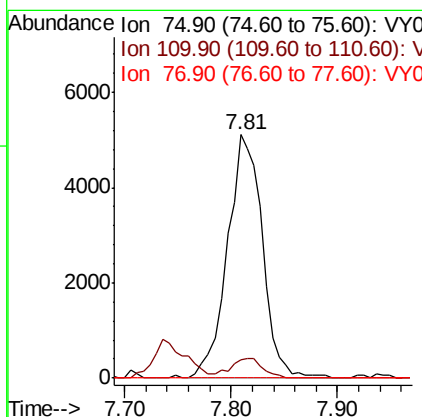
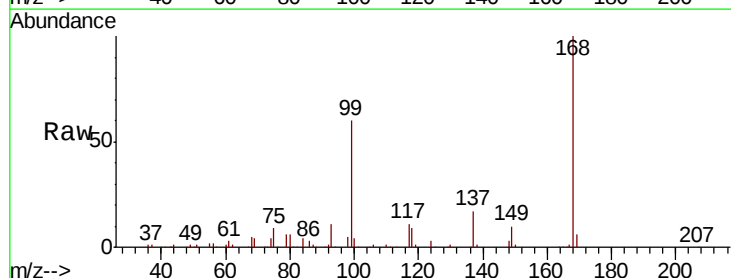
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBL01

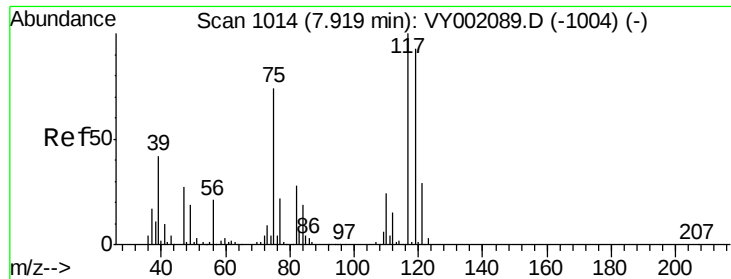
Tot Ion:113 Resp: 77080
 Ion Ratio Lower Upper
 113 100
 111 104.4 84.4 126.6
 192 17.7 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.769 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002210.D
 Acq: 03 Apr 2020 11:18

Tgt Ion: 75 Resp: 11717
 Ion Ratio Lower Upper
 75 100
 110 7.5 17.2 51.6#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.604 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.11 min

Lab File: VY002210.D

Acq: 03 Apr 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBL01

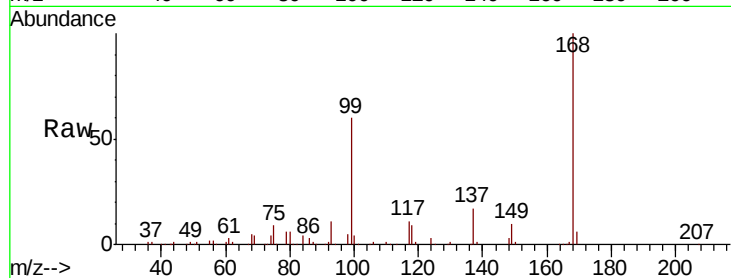
Tot Ion:117 Resp: 13766

Ion Ratio Lower Upper

117 100

119 7.6 74.3 111.5#

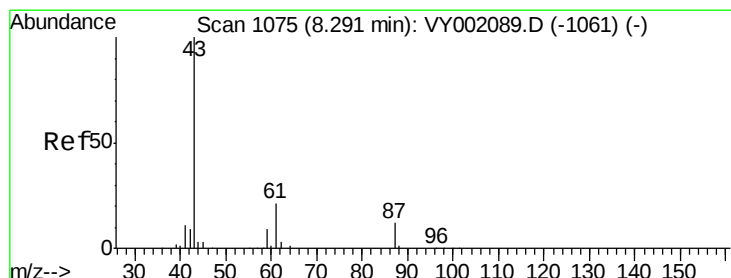
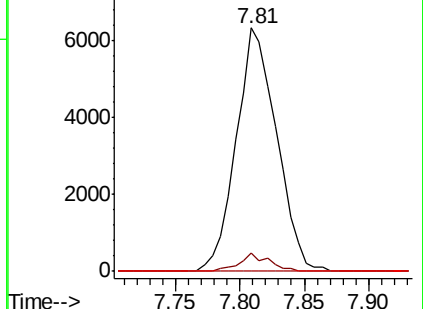
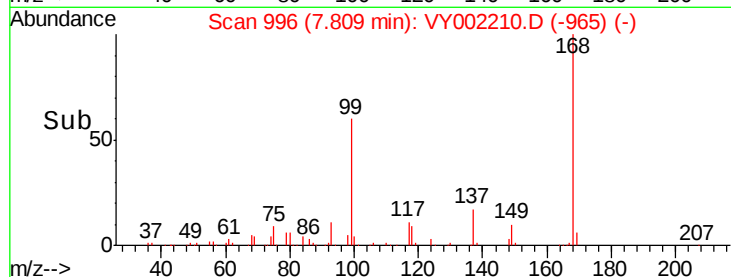
121 0.0 23.3 34.9#



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



#43

Isopropyl Acetate

Concen: 1.102 ug/l

RT: 8.13 min Scan# 1049

Delta R.T. -0.16 min

Lab File: VY002210.D

Acq: 03 Apr 2020 11:18

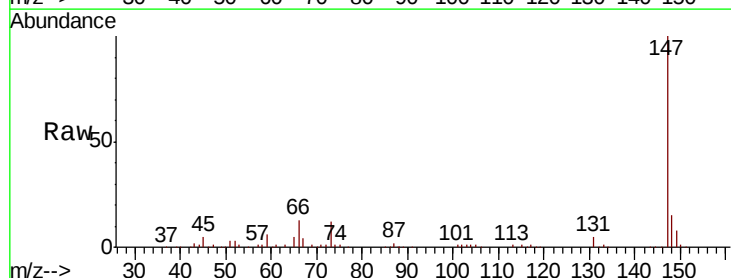
Tgt Ion: 43 Resp: 3036

Ion Ratio Lower Upper

43 100

61 0.0 23.4 35.2#

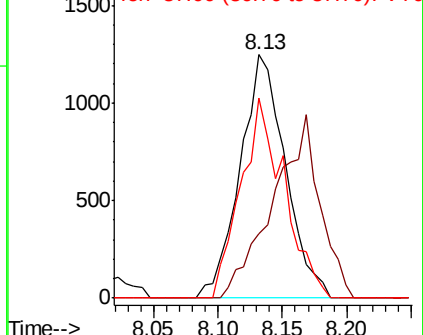
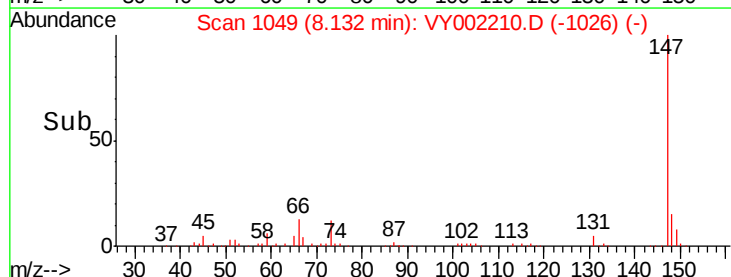
87 78.8 10.2 15.4#

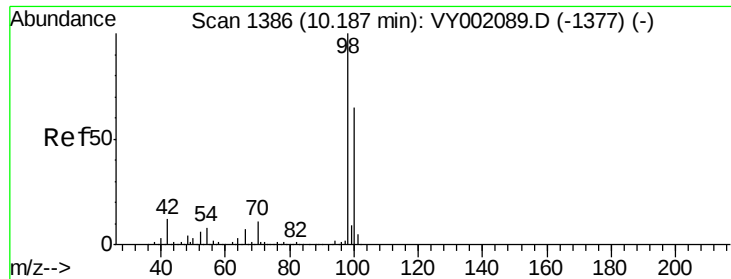


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0





#50

Toluene-d8

Concen: 52.396 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002210.D

Acq: 03 Apr 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

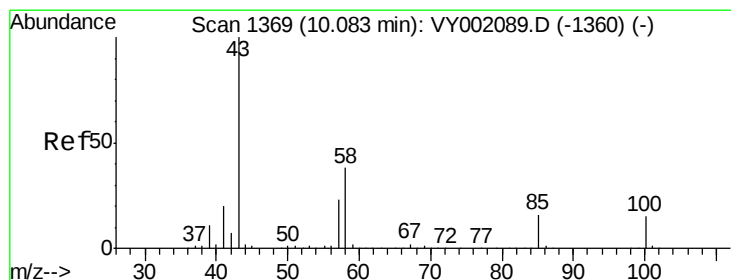
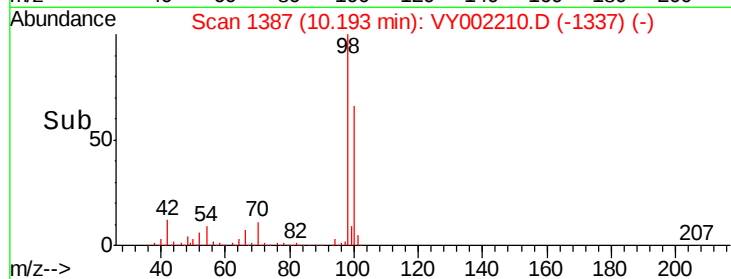
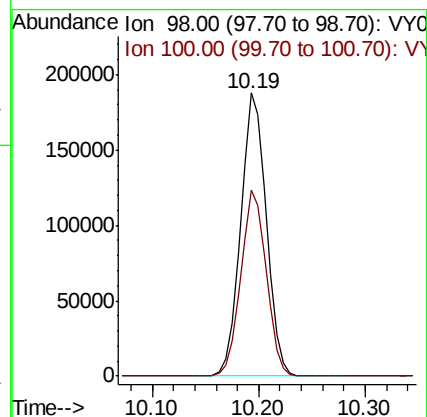
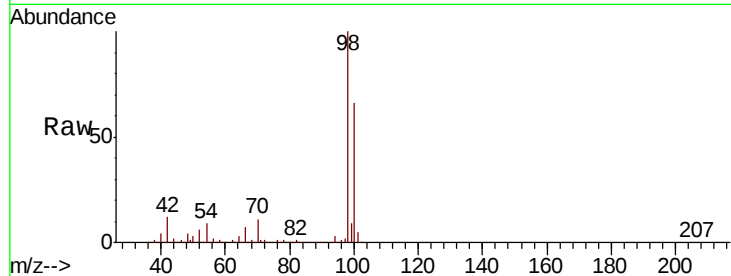
VY0403SBL01

Tot Ion: 98 Resp: 316777

Ion Ratio Lower Upper

98 100

100 65.5 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 6.421 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY002210.D

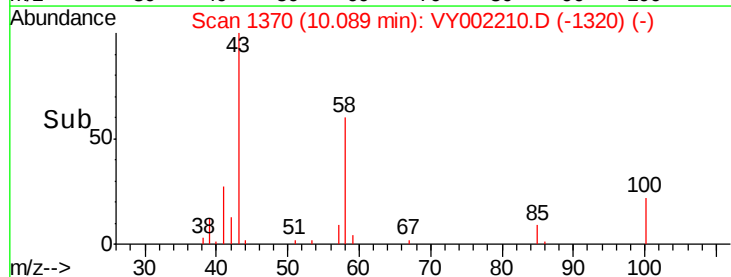
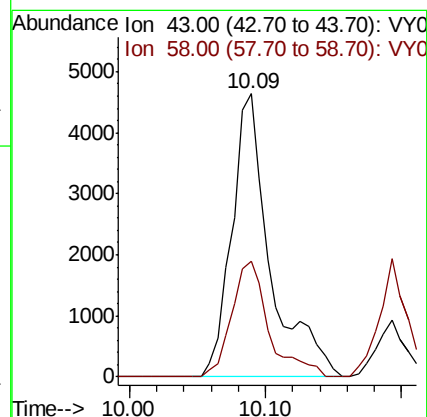
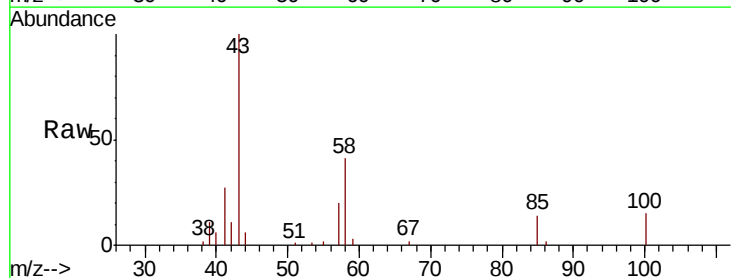
Acq: 03 Apr 2020 11:18

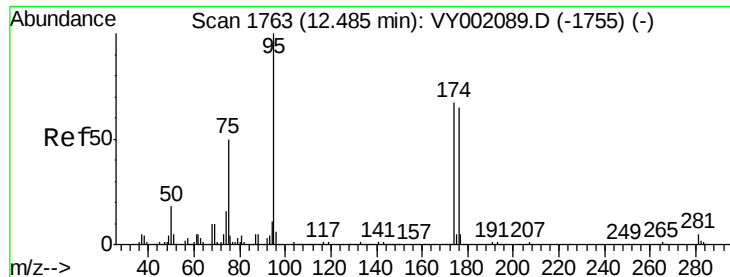
Tgt Ion: 43 Resp: 9110

Ion Ratio Lower Upper

43 100

58 39.6 31.6 47.4

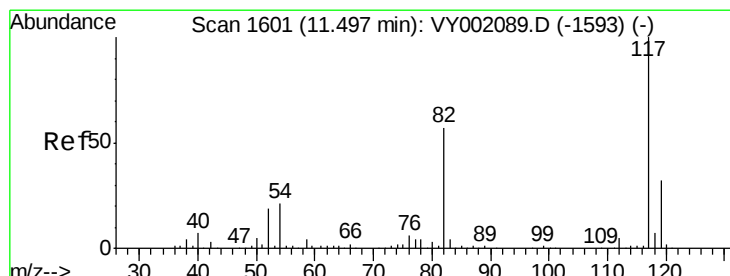
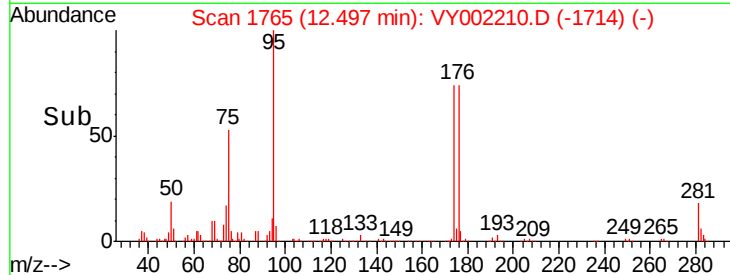
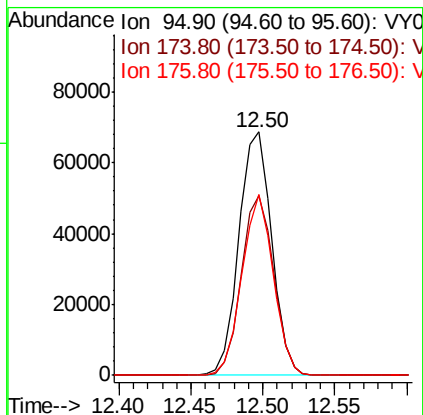
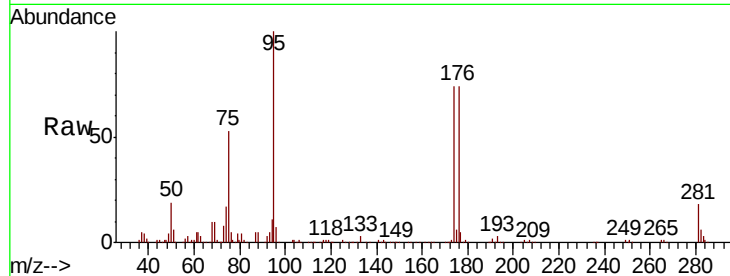




#62
4-Bromofluorobenzene
Concen: 51.360 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY002210.D
Acq: 03 Apr 2020 11:18

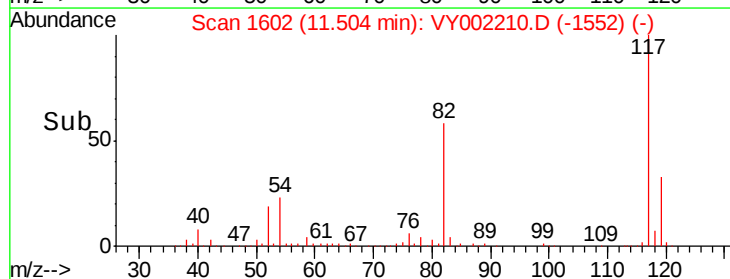
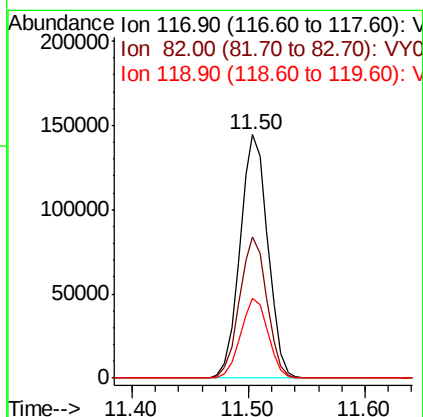
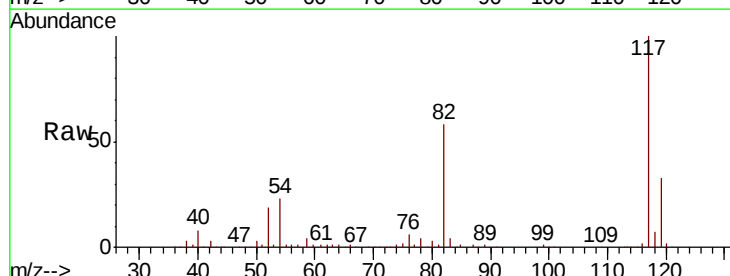
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

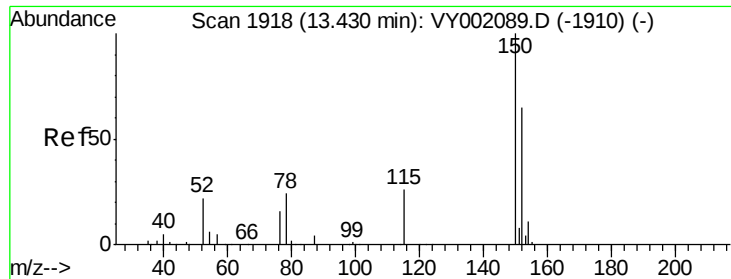
Tot Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	143.4
176	70.7	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002210.D
Acq: 03 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.4	68.2
119	33.0	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002210.D

Acq: 03 Apr 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBL01

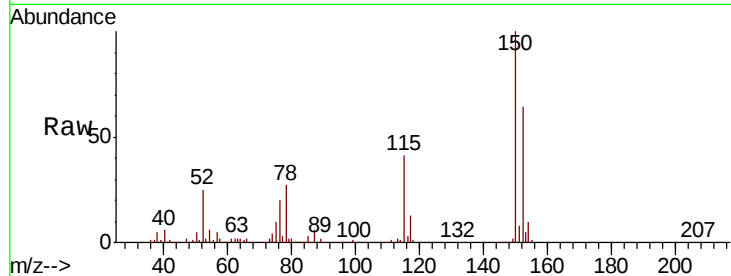
Tot Ion:152 Resp: 104786

Ion Ratio Lower Upper

152 100

115 61.3 31.2 93.6

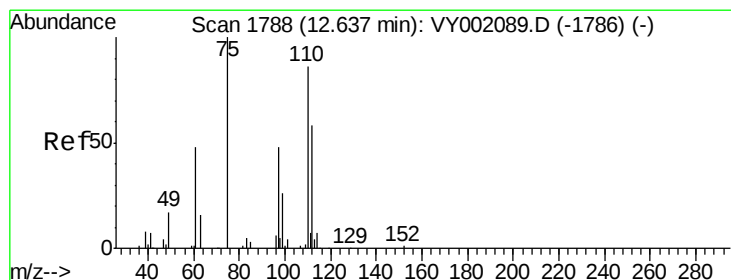
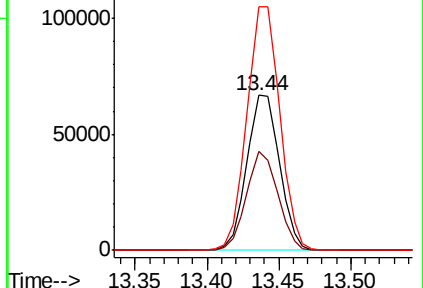
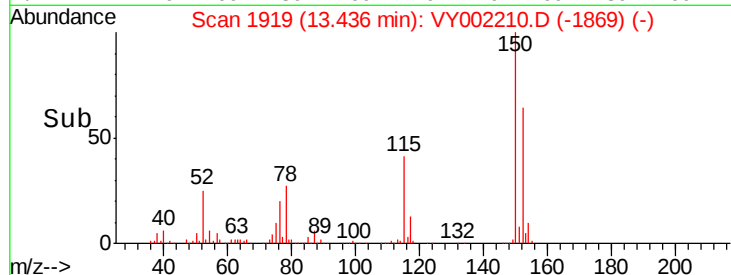
150 158.1 0.0 354.8



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: 48.359 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.14 min

Lab File: VY002210.D

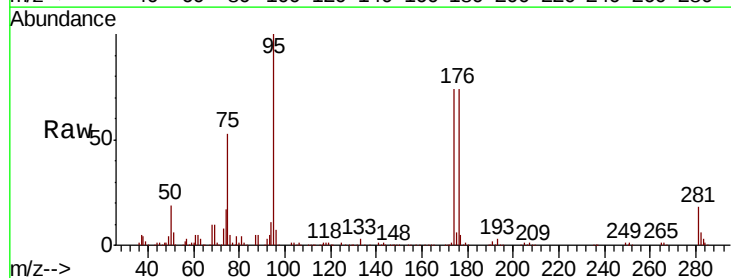
Acq: 03 Apr 2020 11:18

Tgt Ion: 75 Resp: 56683

Ion Ratio Lower Upper

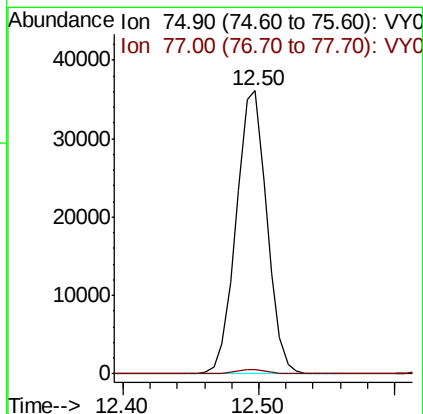
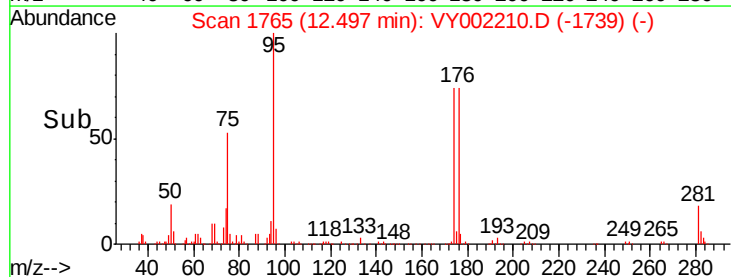
75 100

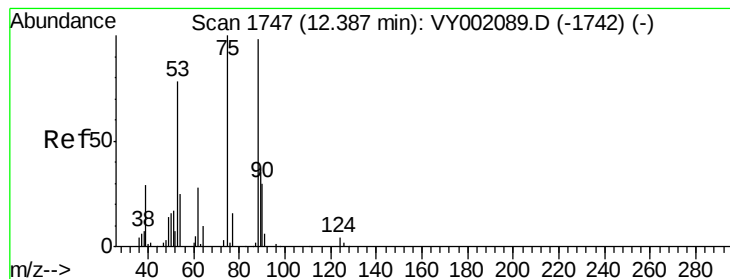
77 1.5 0.0 0.0#



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: 93.688 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.11 min

Lab File: VY002210.D

Acq: 03 Apr 2020 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBL01

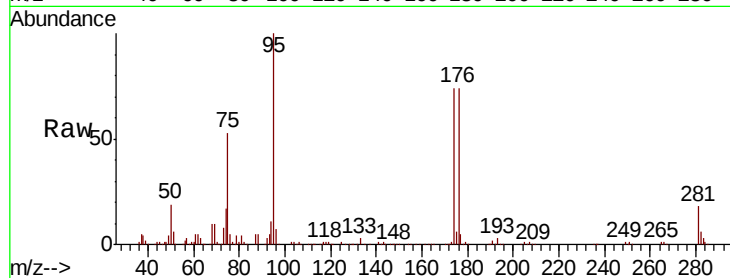
Tot Ion: 75 Resp: 56683

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.2 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

