

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002611.D
 Acq On : 06 May 2020 13:32
 Operator : SY/MD
 Sample : L2491-08
 Misc : 5.71G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 07 04:14:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	329760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	513811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	448688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	205142	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	144887	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	
35) Dibromofluoromethane	7.74	113	152447	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
50) Toluene-d8	10.19	98	593635	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.48	95	185331	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	

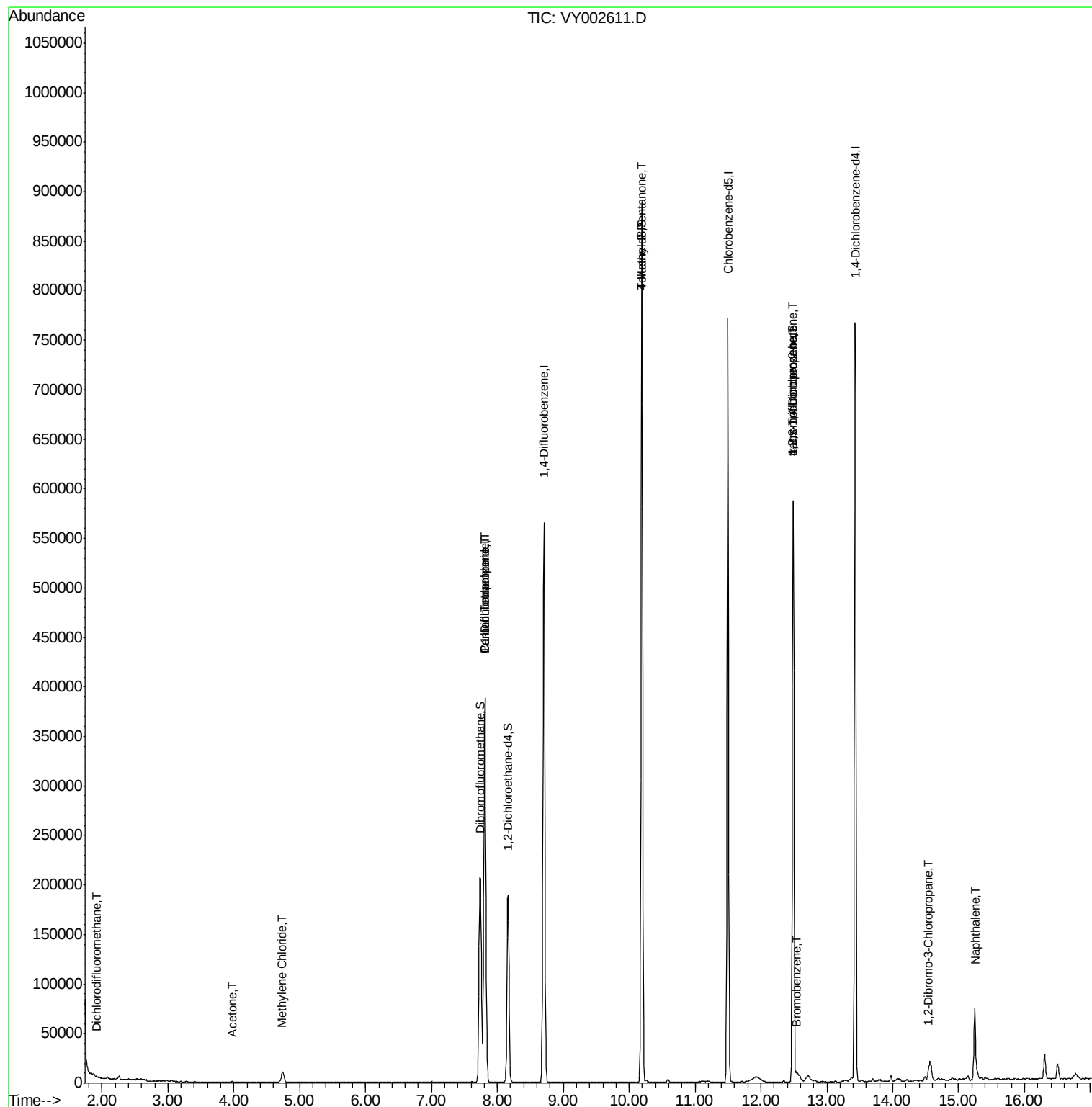
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	169	1.844	ug/l #	43
16) Acetone	3.98	43	1249	2.183	ug/l	92
20) Methylene Chloride	4.74	84	8636	2.699	ug/l	93
36) 1,1-Dichloropropene	7.81	75	20771	4.822	ug/l #	49
38) Carbon Tetrachloride	7.81	117	29948	6.368	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	2217	1.037	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	89579	49.137	ug/l #	100
77) Bromobenzene	12.54	156	16126	4.855	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.48	75	89579	98.530	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.53	75	395	1.002	ug/l #	1
95) Naphthalene	15.25	128	52604	7.080	ug/l	99

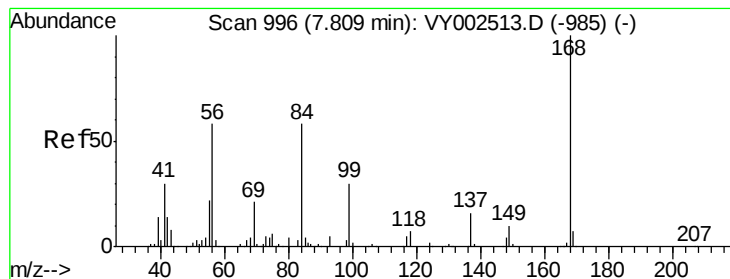
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
Data File : VY002611.D
Acq On : 06 May 2020 13:32
Operator : SY/MD
Sample : L2491-08
Misc : 5.71G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 07 04:14:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 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: VY002611.D

Acq: 06 May 2020 13:32

Instrument :

MSVOA_Y

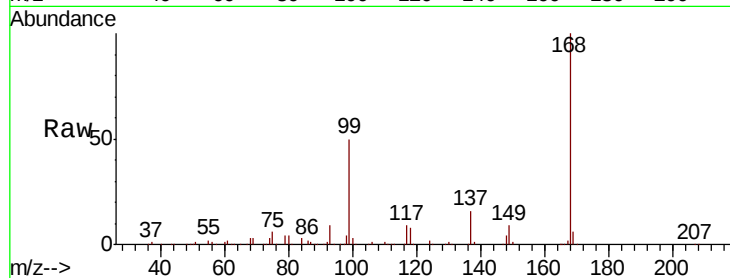
ClientSampleId :

Tot Ion:168 Resp: 329760

Ion Ratio Lower Upper

168 100

99 49.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.81

150000

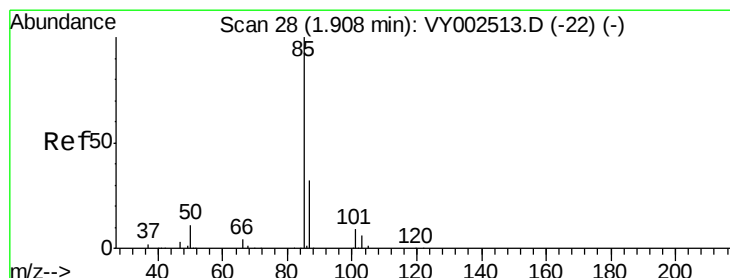
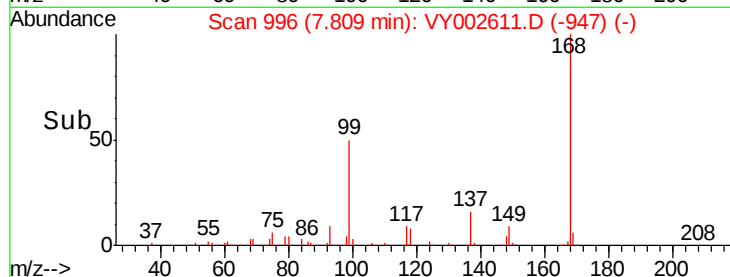
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 1.844 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002611.D

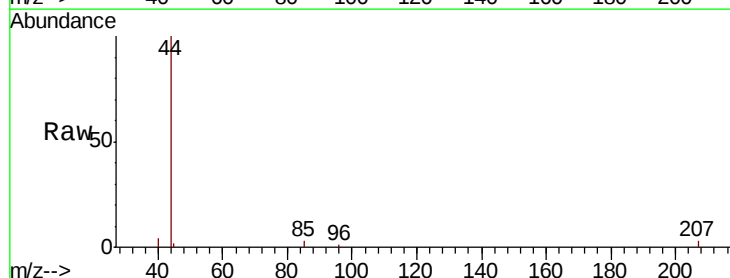
Acq: 06 May 2020 13:32

Tgt Ion: 85 Resp: 169

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

150

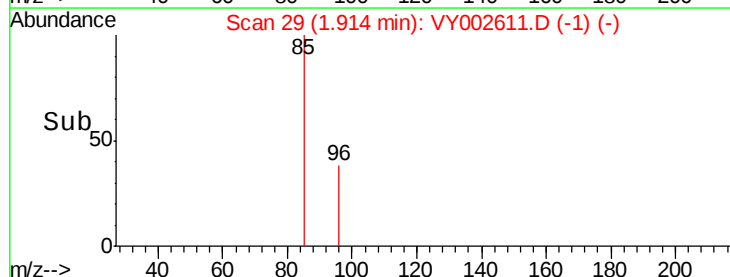
100

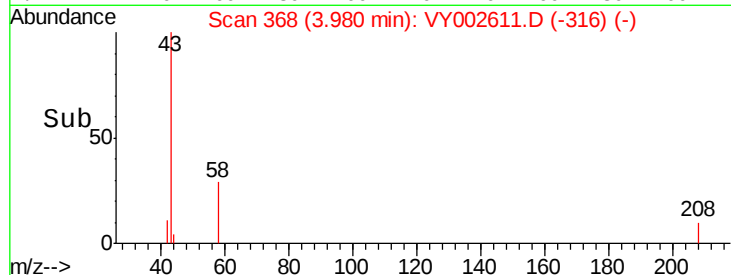
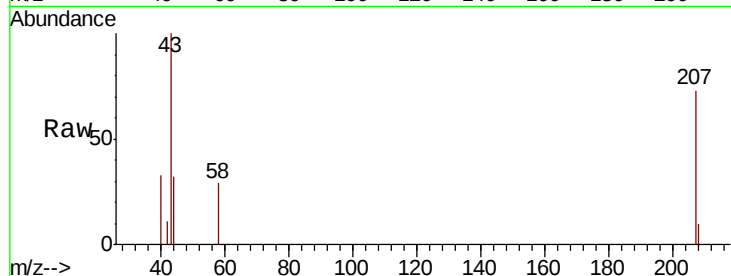
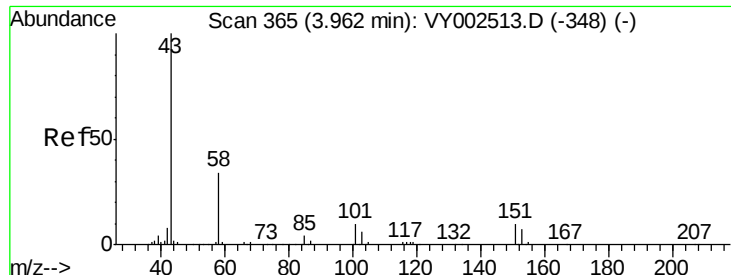
50

0

1.88 1.90 1.92 1.94

Time-->





#16

Acetone

Concen: 2.183 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002611.D

Acq: 06 May 2020 13:32

Instrument :

MSVOA_Y

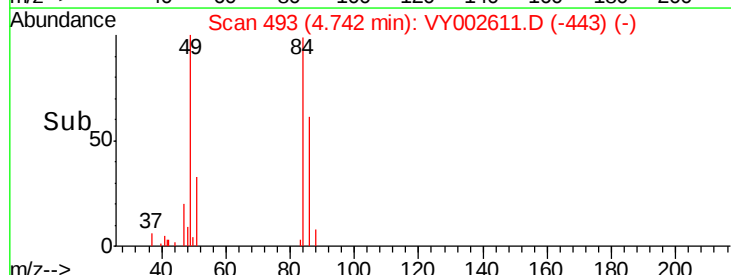
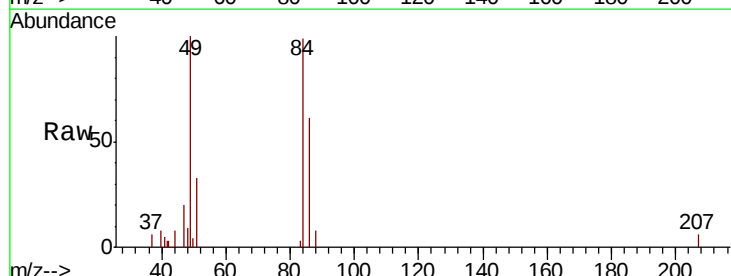
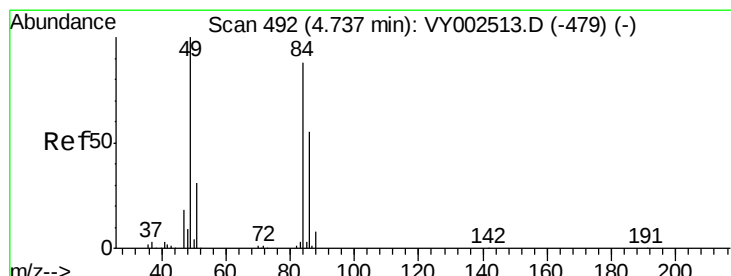
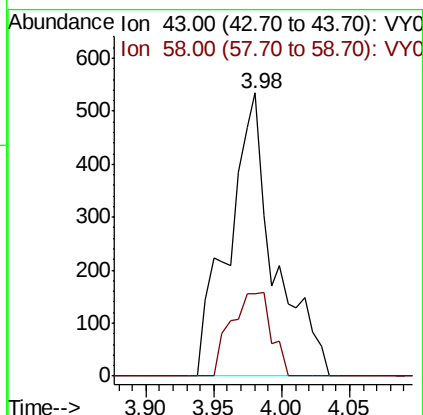
ClientSampleId :

Tot Ion: 43 Resp: 1249

Ion Ratio Lower Upper

43 100

58 29.2 26.9 40.3



#20

Methylene Chloride

Concen: 2.699 ug/l

RT: 4.74 min Scan# 493

Delta R.T. 0.01 min

Lab File: VY002611.D

Acq: 06 May 2020 13:32

Tgt Ion: 84 Resp: 8636

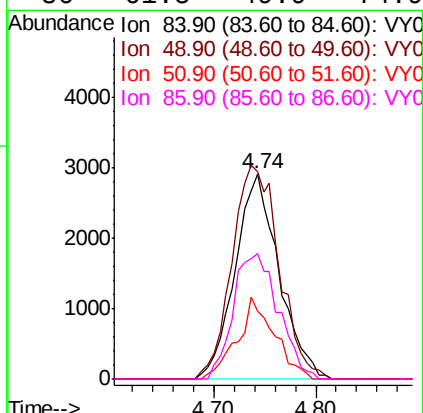
Ion Ratio Lower Upper

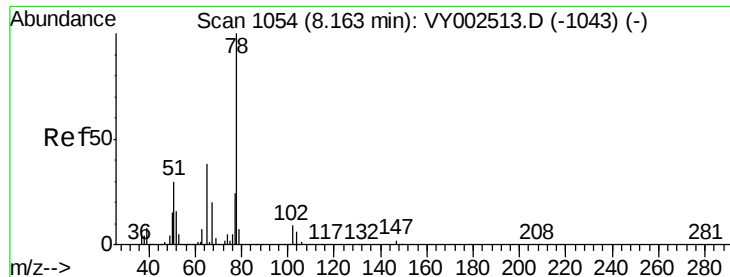
84 100

49 100.9 90.5 135.7

51 33.3 28.3 42.5

86 61.5 49.9 74.9

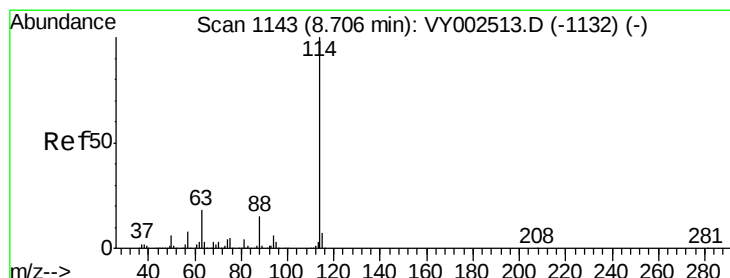
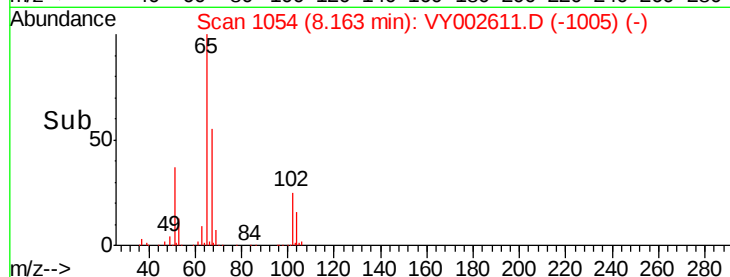
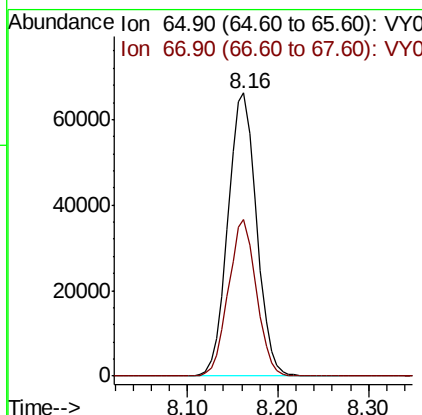
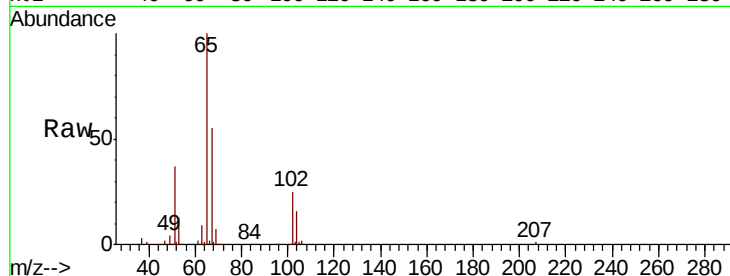




#33
 1,2-Dichloroethane-d4
 Concen: 52.255 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY002611.D
 Acq: 06 May 2020 13:32

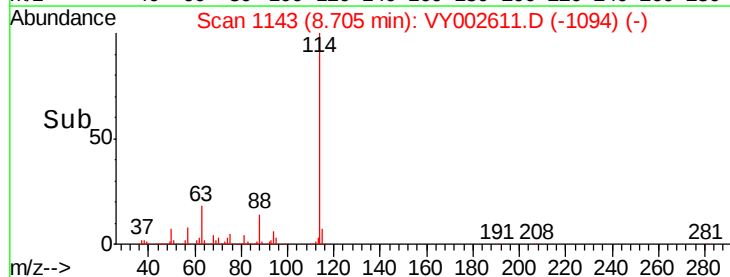
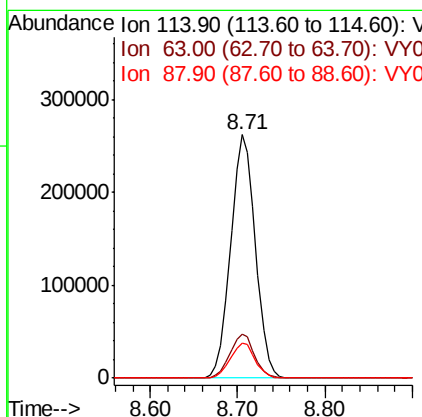
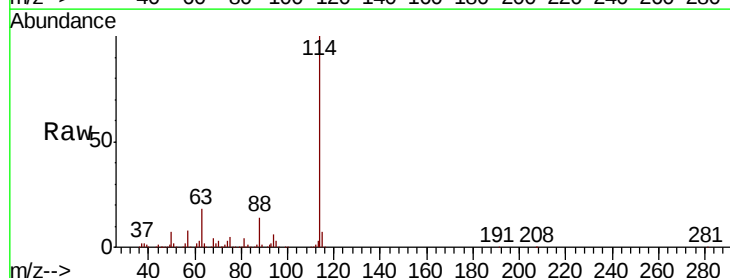
Instrument :
 MSVOA_Y
 ClientSampleId :

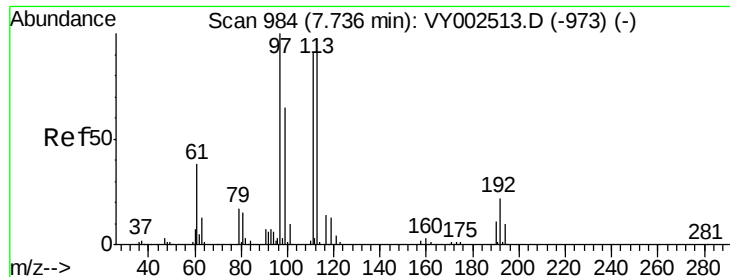
Tot Ion: 65 Resp: 144887
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002611.D
 Acq: 06 May 2020 13:32

Tgt Ion: 114 Resp: 513811
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.4
 88 14.5 0.0 29.6

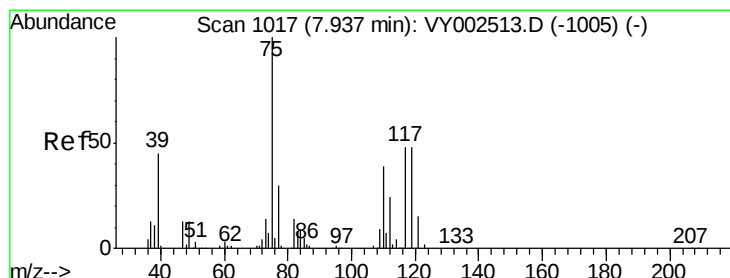
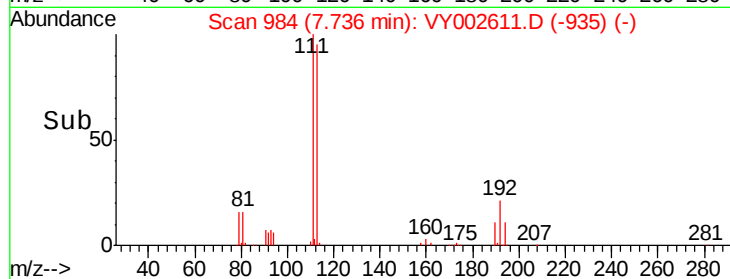
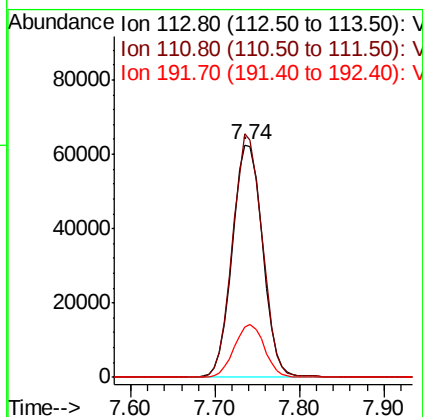
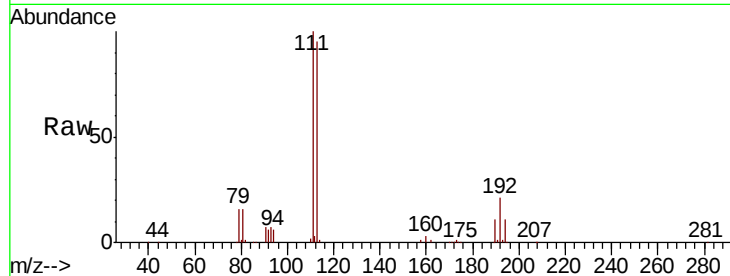




#35
 Dibromofluoromethane
 Concen: 51.879 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002611.D
 Acq: 06 May 2020 13:32

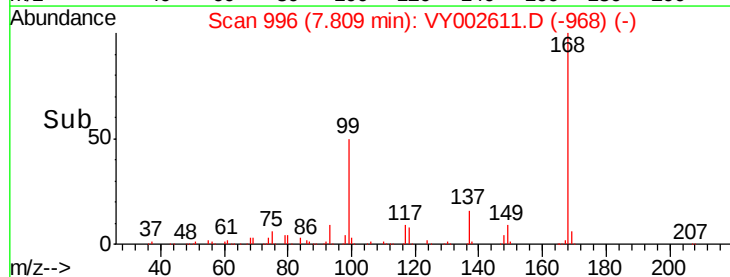
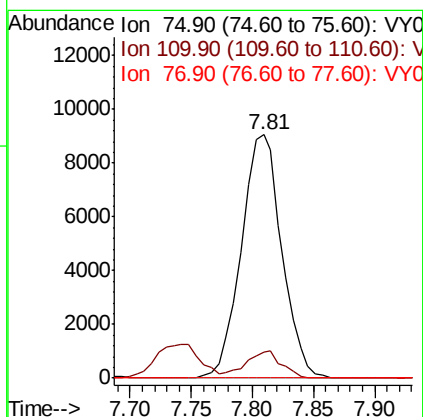
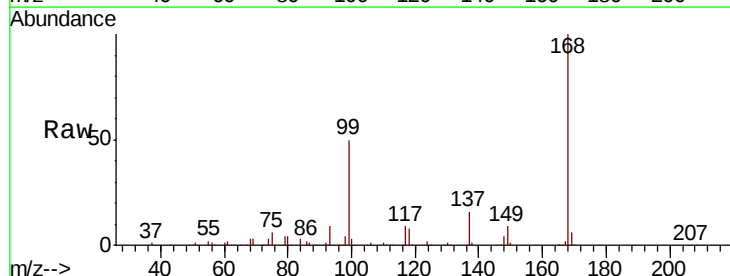
Instrument :
 MSVOA_Y
 ClientSampleId :

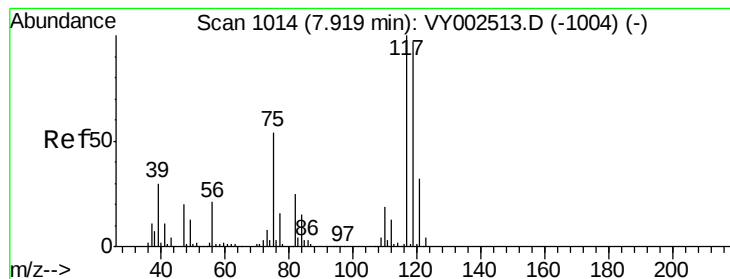
Tot Ion:113 Resp: 152447
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.8 122.6
 192 22.4 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 4.822 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002611.D
 Acq: 06 May 2020 13:32

Tgt Ion: 75 Resp: 20771
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.1 57.3#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.368 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.11 min

Lab File: VY002611.D

Acq: 06 May 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

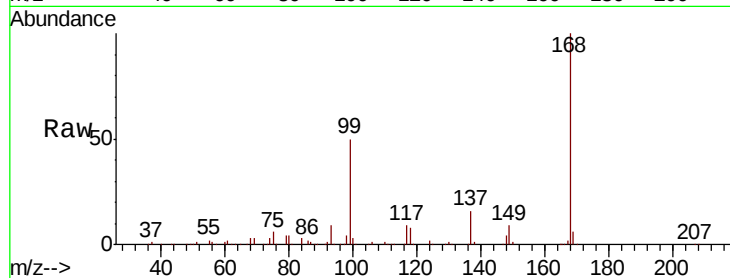
Tot Ion:117 Resp: 29948

Ion Ratio Lower Upper

117 100

119 5.1 77.1 115.7#

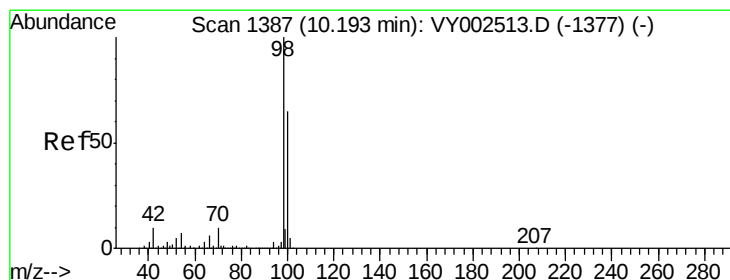
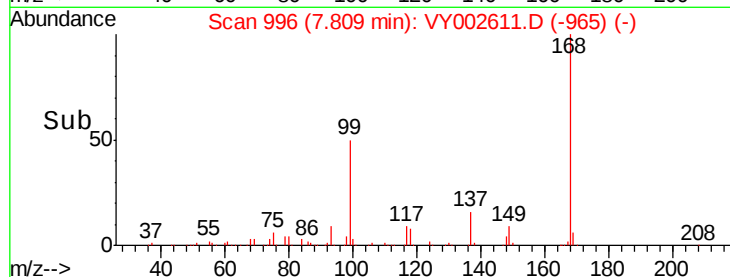
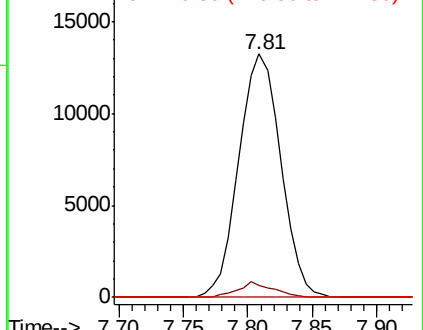
121 0.0 25.2 37.8#



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: 51.732 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY002611.D

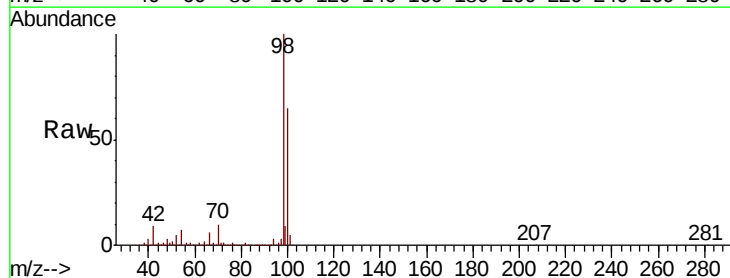
Acq: 06 May 2020 13:32

Tgt Ion: 98 Resp: 593635

Ion Ratio Lower Upper

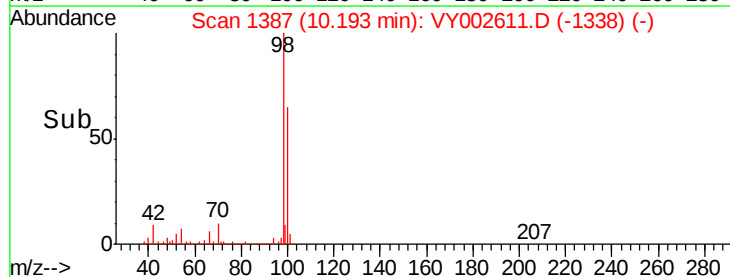
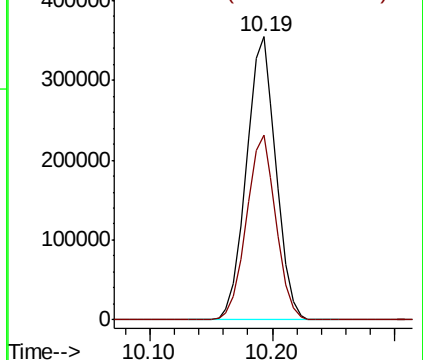
98 100

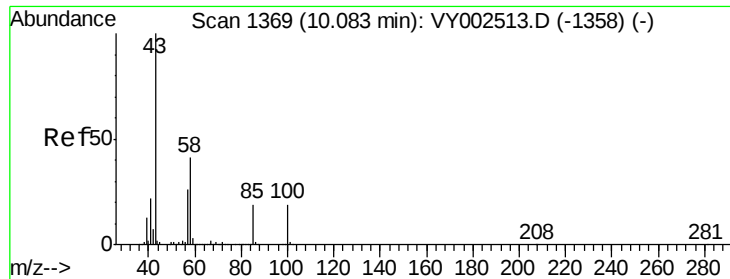
100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

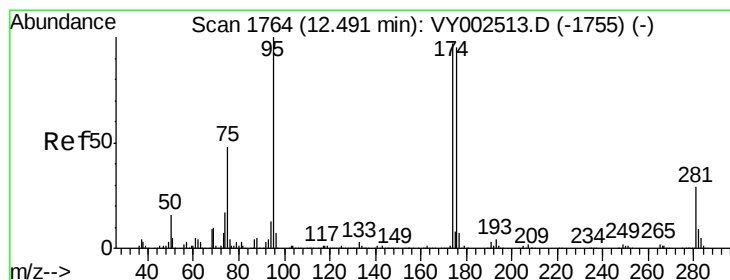
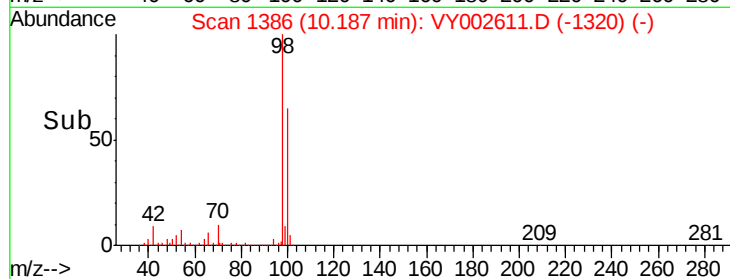
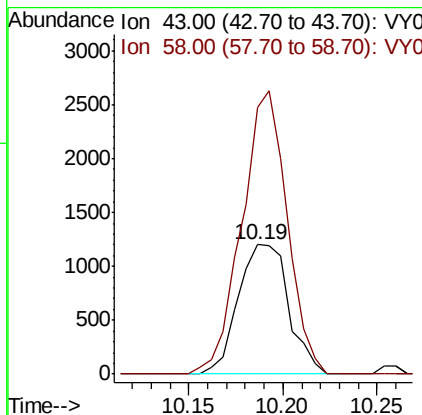
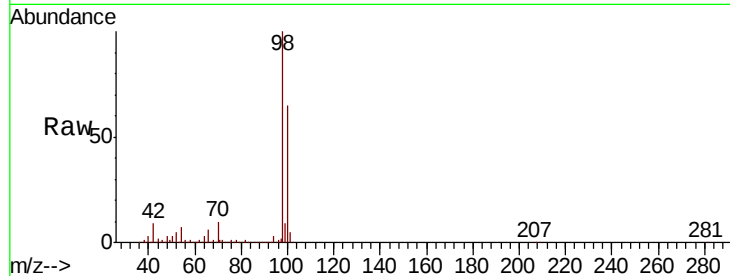




#51
4-Methyl-2-Pentanone
Concen: 1.037 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.10 min
Lab File: VY002611.D
Acq: 06 May 2020 13:32

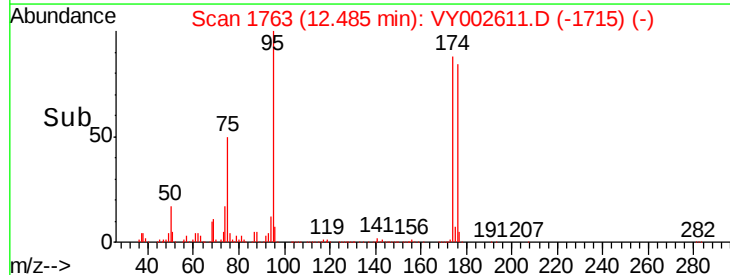
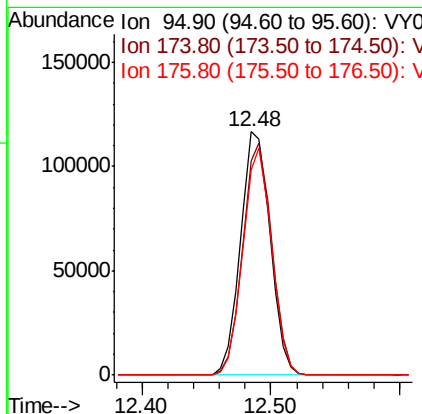
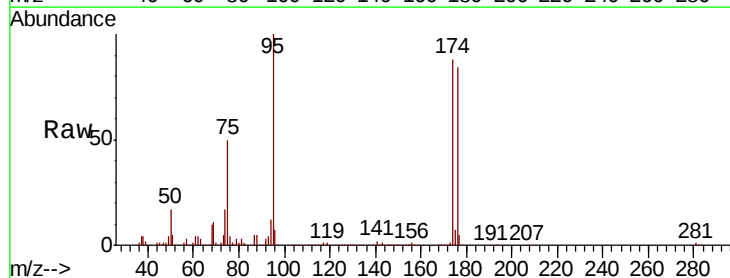
Instrument :
MSVOA_Y
ClientSampled :

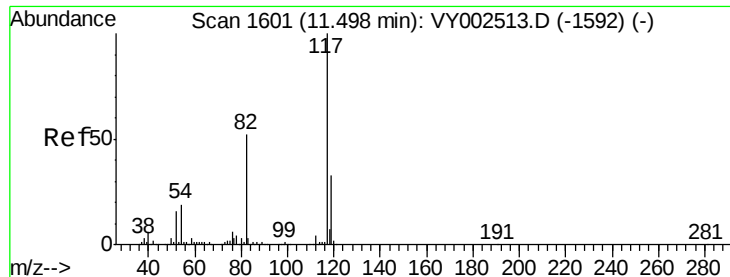
Tot Ion: 43 Resp: 2217
Ion Ratio Lower Upper
43 100
58 197.8 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 47.596 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002611.D
Acq: 06 May 2020 13:32

Tgt Ion: 95 Resp: 185331
Ion Ratio Lower Upper
95 100
174 93.1 0.0 188.8
176 90.4 0.0 183.2

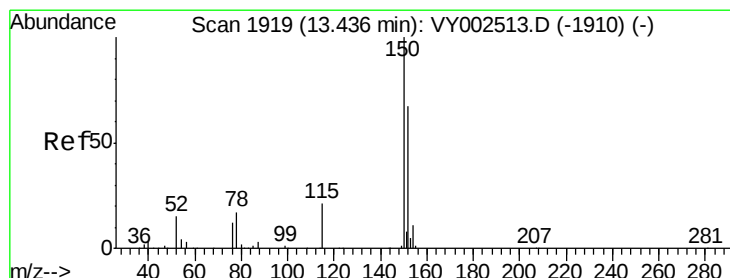
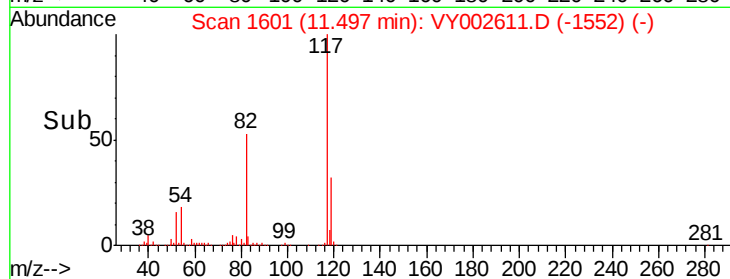
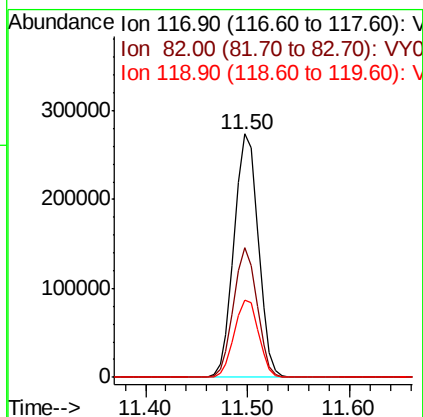
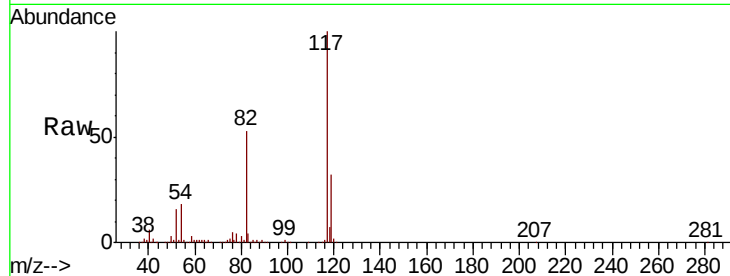




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002611.D
Acq: 06 May 2020 13:32

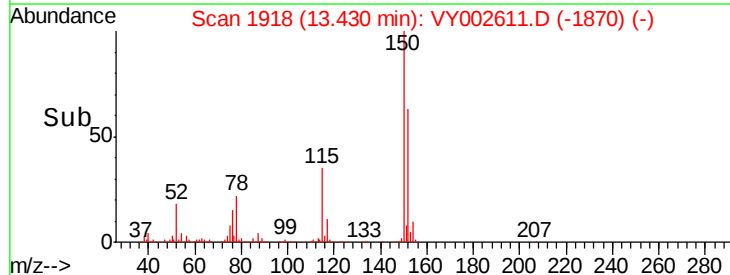
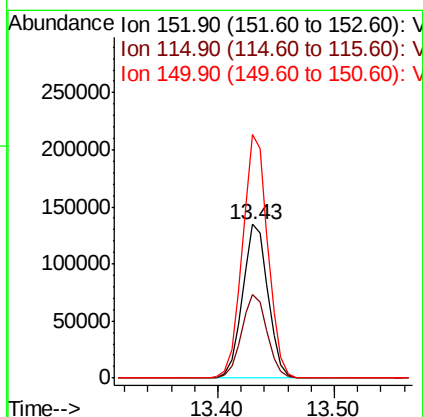
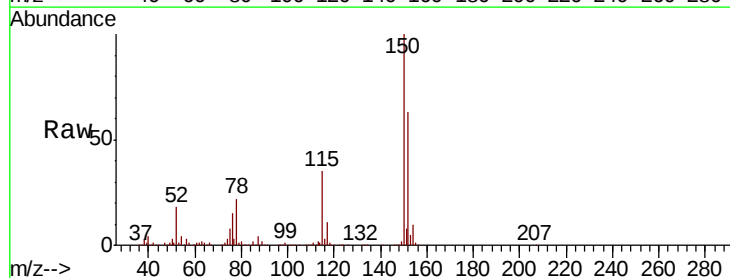
Instrument :
MSVOA_Y
ClientSampleId :

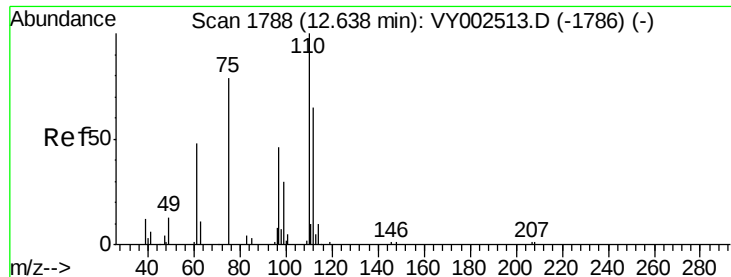
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.3	61.9
119	31.9	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002611.D
Acq: 06 May 2020 13:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.5	82.4
150	157.1	0.0	346.4





#76

1,2,3-Trichloropropane

Concen: 49.137 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002611.D

Acq: 06 May 2020 13:32

Instrument :

MSVOA_Y

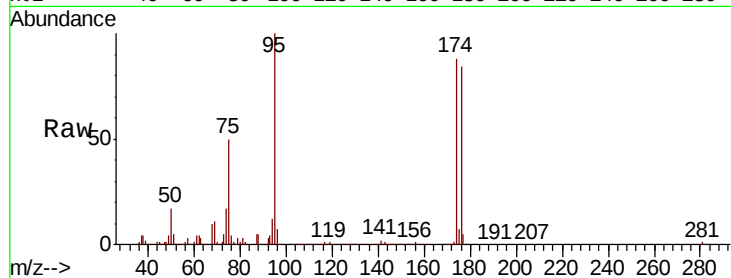
ClientSampleId :

Tot Ion: 75 Resp: 89579

Ion Ratio Lower Upper

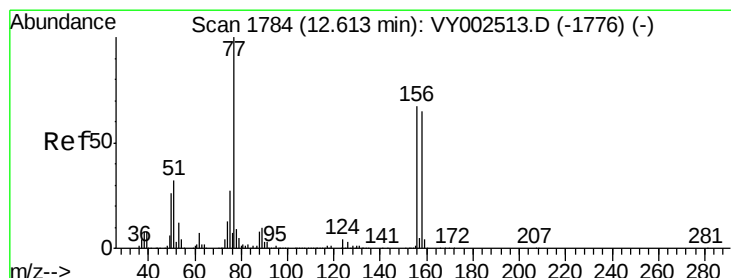
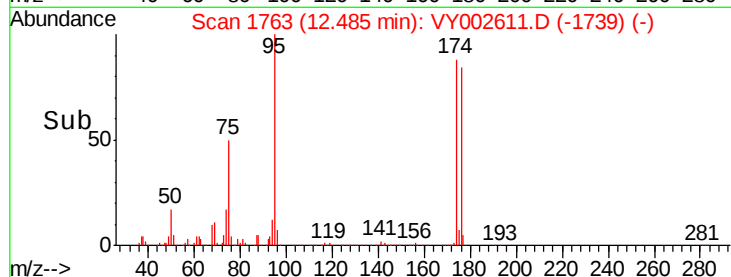
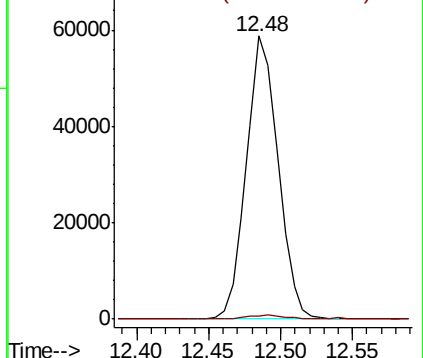
75 100

77 1.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#77

Bromobenzene

Concen: 4.855 ug/l

RT: 12.54 min Scan# 1772

Delta R.T. -0.07 min

Lab File: VY002611.D

Acq: 06 May 2020 13:32

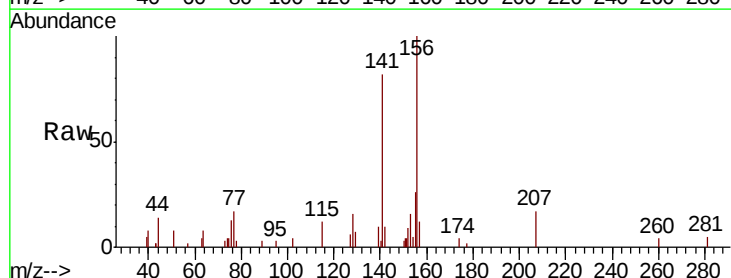
Tgt Ion: 156 Resp: 16126

Ion Ratio Lower Upper

156 100

77 2.8 82.0 245.8#

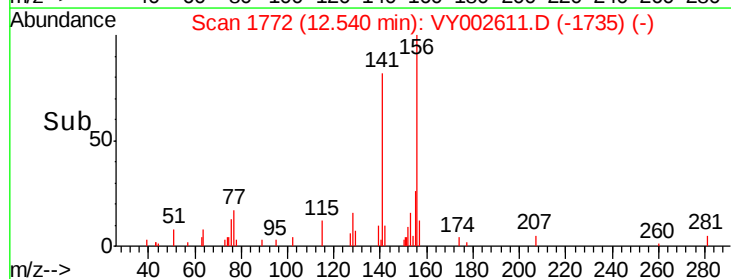
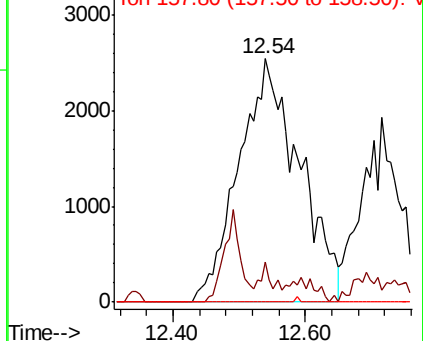
158 0.0 48.5 145.6#

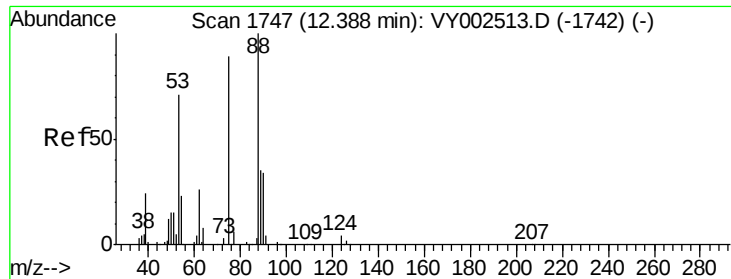


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V





#81

trans-1,4-Dichloro-2-butene

Concen: 98.530 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002611.D

Acq: 06 May 2020 13:32

Instrument :

MSVOA_Y

ClientSampleId :

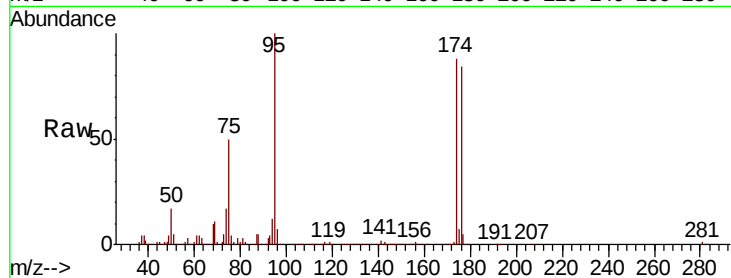
Tot Ion: 75 Resp: 89579

Ion Ratio Lower Upper

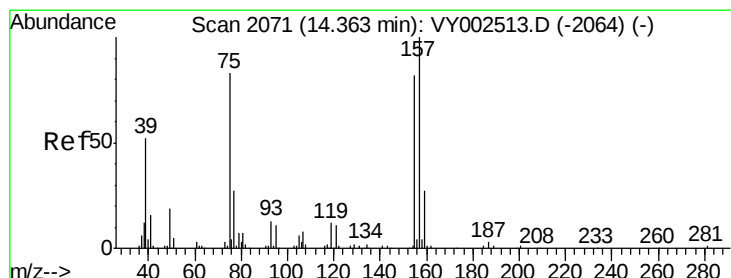
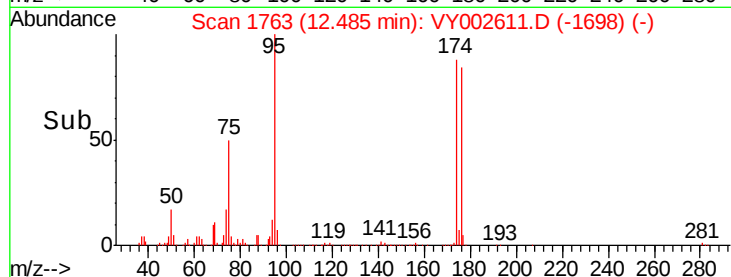
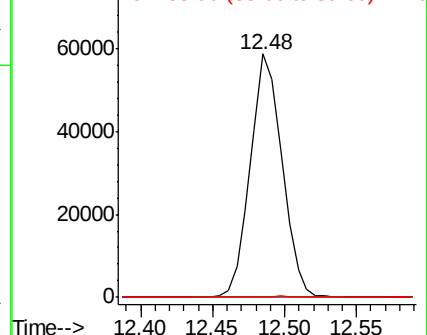
75 100

53 0.0 67.4 101.0#

89 0.2 37.4 56.0#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.002 ug/l

RT: 14.53 min Scan# 2099

Delta R.T. 0.17 min

Lab File: VY002611.D

Acq: 06 May 2020 13:32

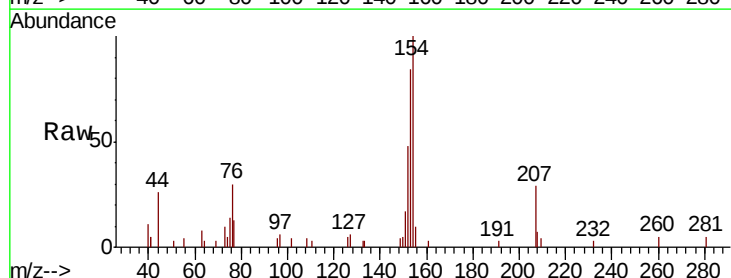
Tgt Ion: 75 Resp: 395

Ion Ratio Lower Upper

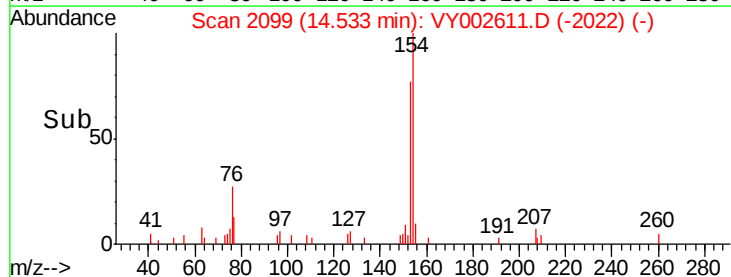
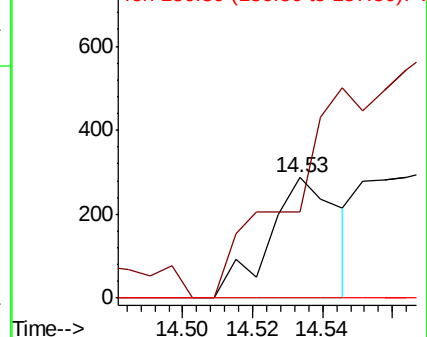
75 100

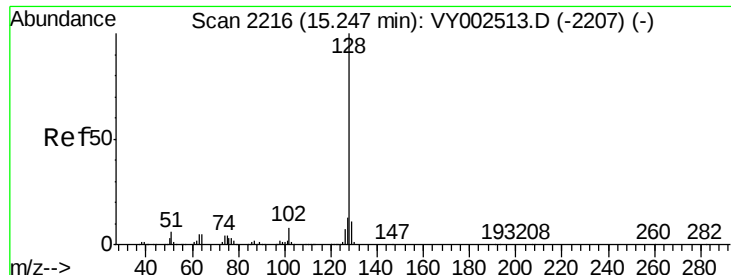
155 0.0 51.3 153.9#

157 0.0 65.0 195.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

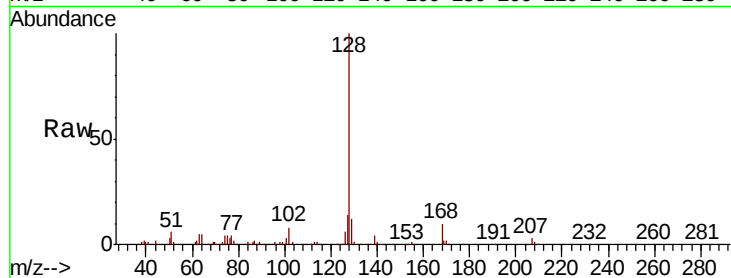




#95
Naphthalene
Concen: 7.080 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002611.D
Acq: 06 May 2020 13:32

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.8	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

