

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003046.D
 Acq On : 30 Jun 2020 19:38
 Operator : SY/MD
 Sample : L3153-25RE
 Misc : 6.73G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-F

Quant Time: Jul 01 05:17:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	347648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	553512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	517638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	244011	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	185798	53.81	ug/l	0.00
Spiked Amount			Recovery	=	107.62%	
35) Dibromofluoromethane	7.72	113	185117	53.61	ug/l	0.00
Spiked Amount			Recovery	=	107.22%	
50) Toluene-d8	10.18	98	668975	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.48	95	222445	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	

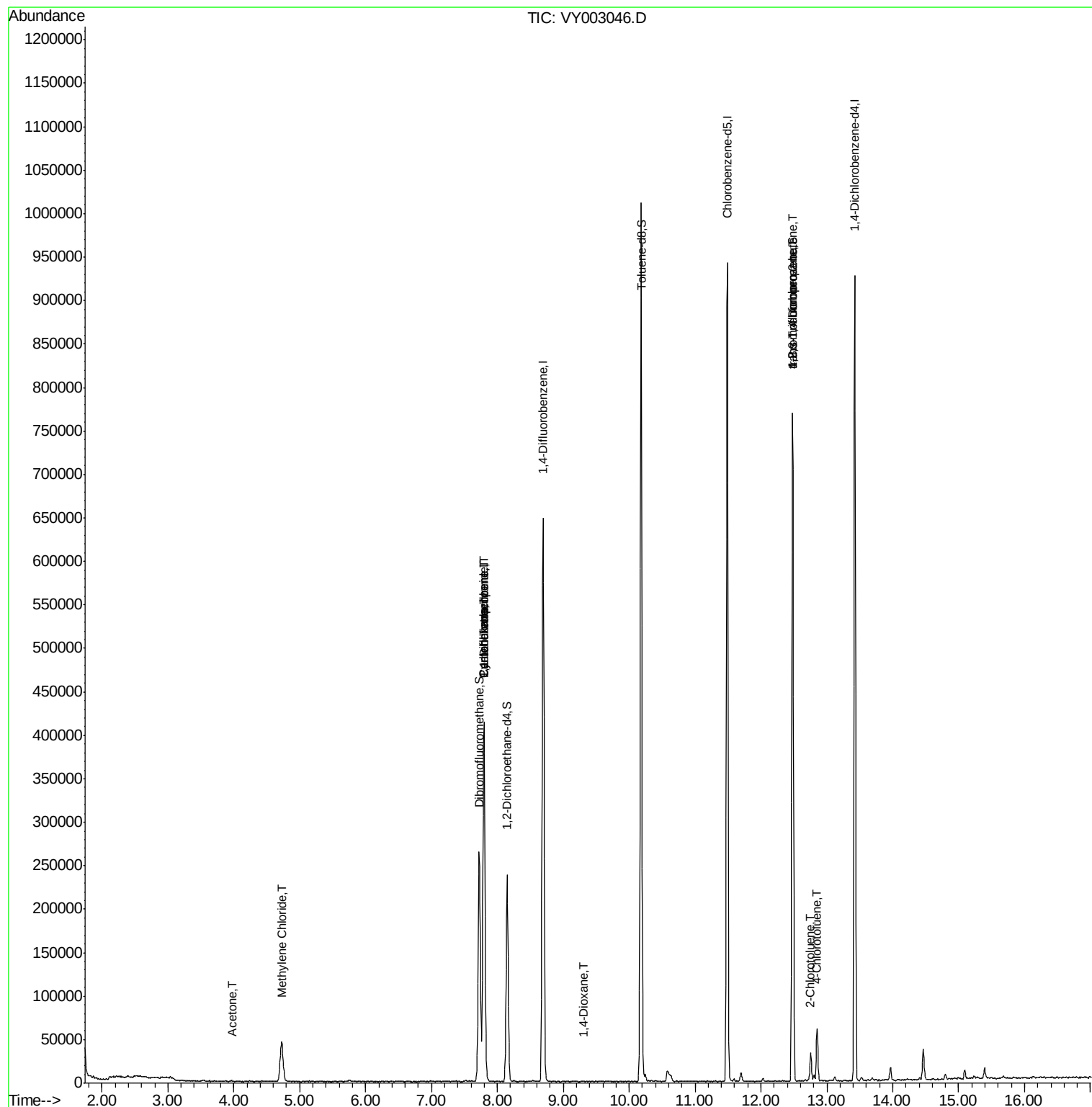
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	1448	1.778	ug/l	98
20) Methylene Chloride	4.73	84	36158	3.462	ug/l	88
31) Cyclohexane	7.80	56	6302	1.038	ug/l #	11
36) 1,1-Dichloropropene	7.79	75	24387	4.574	ug/l #	50
38) Carbon Tetrachloride	7.80	117	31357	5.653	ug/l #	15
49) 1,4-Dioxane	9.30	88	60	2.241	ug/l #	40
76) 1,2,3-Trichloropropane	12.48	75	115274	47.733	ug/l #	100
79) 2-Chlorotoluene	12.75	91	16821	1.569	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.48	75	115274	92.869	ug/l #	12
82) 4-Chlorotoluene	12.85	91	32832	2.942	ug/l	98

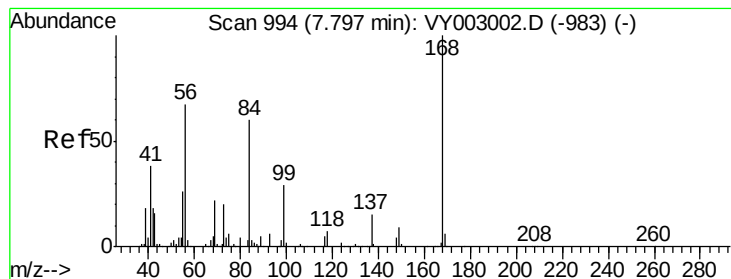
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
Data File : VY003046.D
Acq On : 30 Jun 2020 19:38
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SP2-F

Quant Time: Jul 01 05:17:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 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: VY003046.D

Acq: 30 Jun 2020 19:38

Instrument :

MSVOA_Y

ClientSampleId :

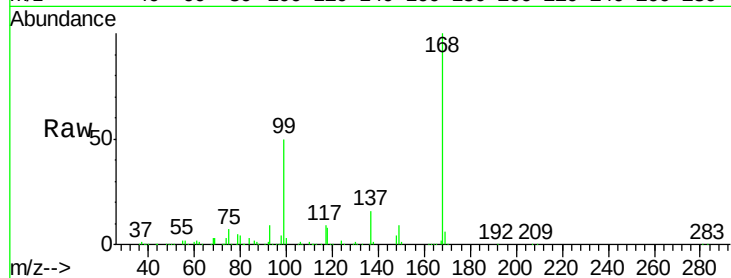
SP2-F

Tot Ion:168 Resp: 347648

Ion Ratio Lower Upper

168 100

99 50.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

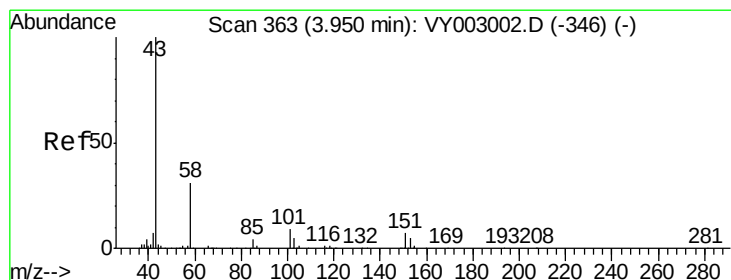
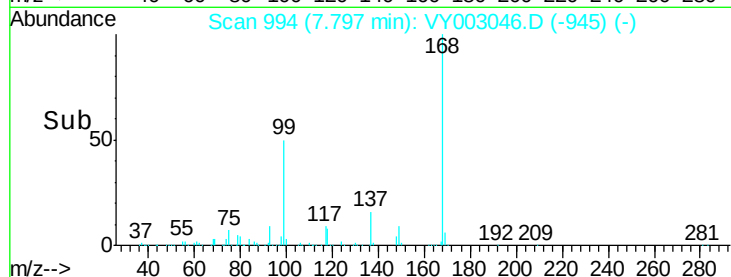
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.778 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003046.D

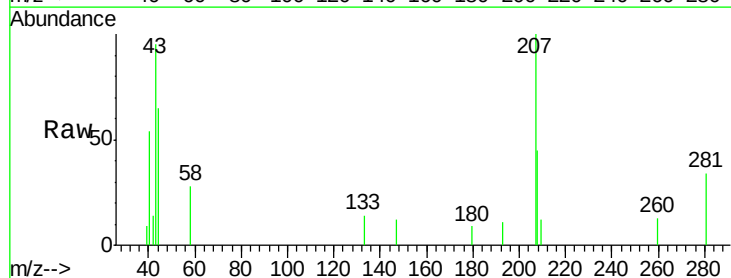
Acq: 30 Jun 2020 19:38

Tgt Ion: 43 Resp: 1448

Ion Ratio Lower Upper

43 100

58 30.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.96

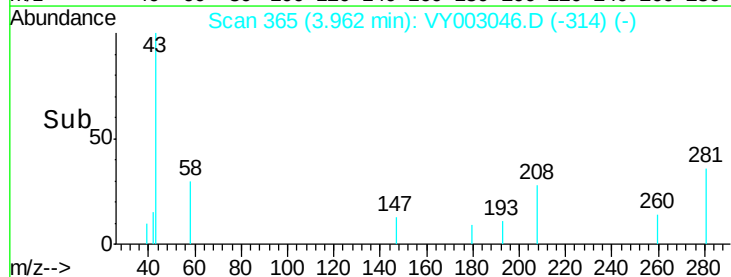
600

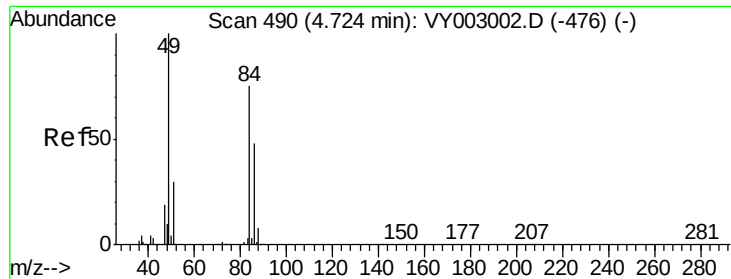
400

200

0

Time-->

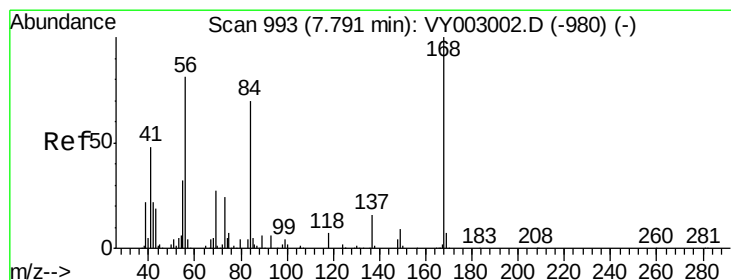
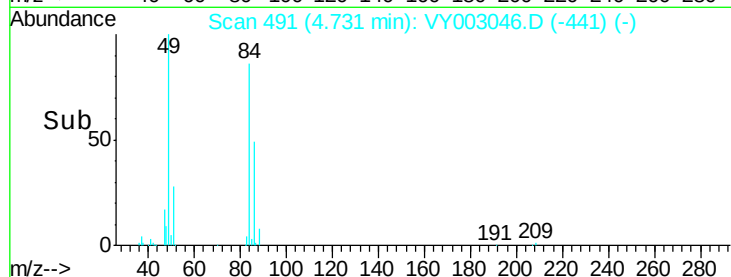
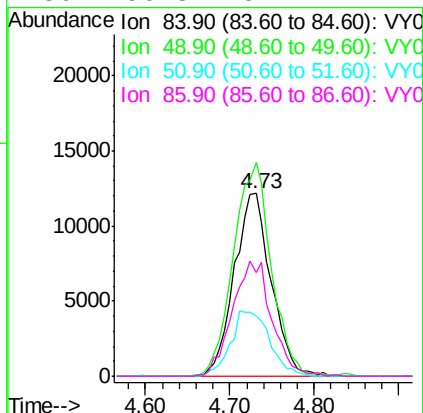
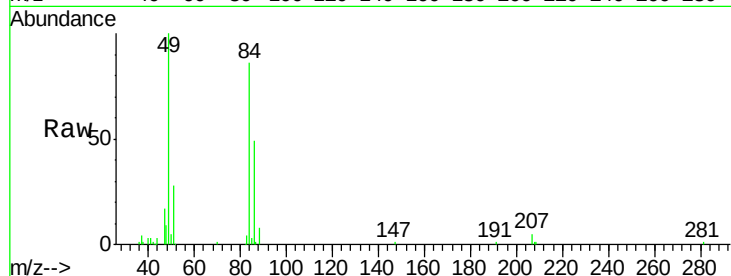




#20
Methylene Chloride
Concen: 3.462 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003046.D
Acq: 30 Jun 2020 19:38

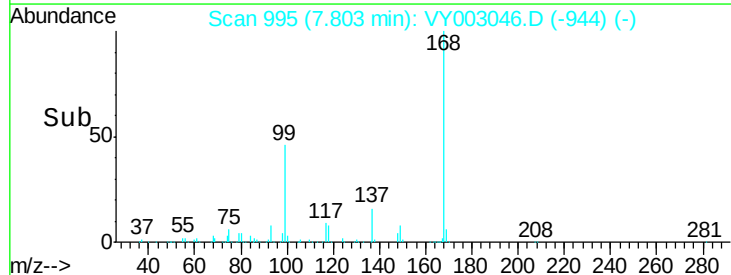
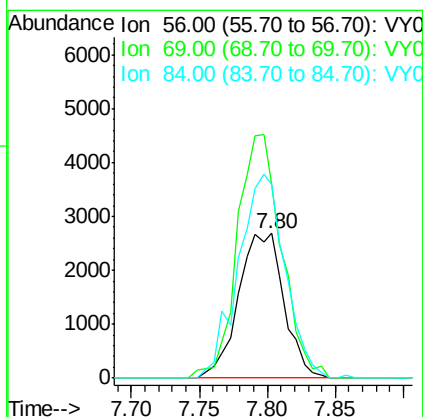
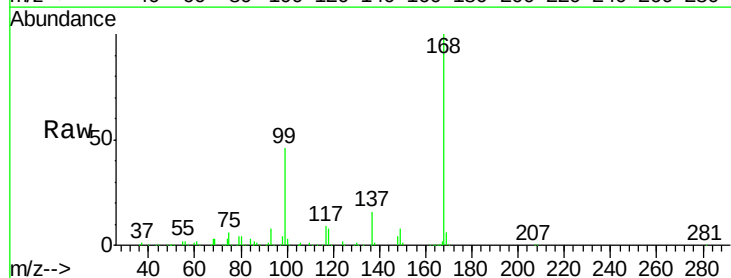
Instrument :
MSVOA_Y
ClientSampleId :
SP2-F

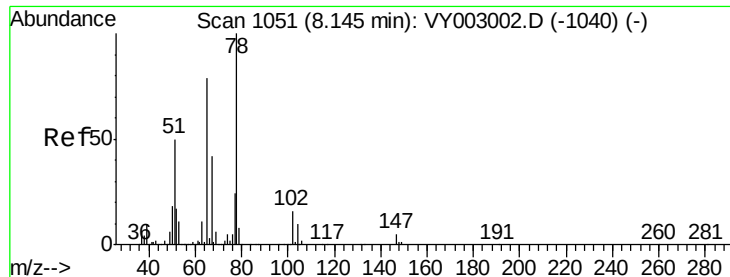
Tot Ion:	84	Resp:	36158
Ion	Ratio	Lower	Upper
84	100		
49	116.8	106.8	160.2
51	33.1	32.0	48.0
86	56.8	51.4	77.2



#31
Cyclohexane
Concen: 1.038 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY003046.D
Acq: 30 Jun 2020 19:38

Tgt Ion:	56	Resp:	6302
Ion	Ratio	Lower	Upper
56	100		
69	134.3	27.0	40.4#
84	134.5	68.1	102.1#

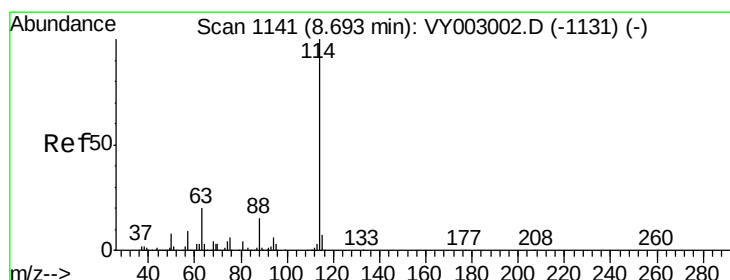
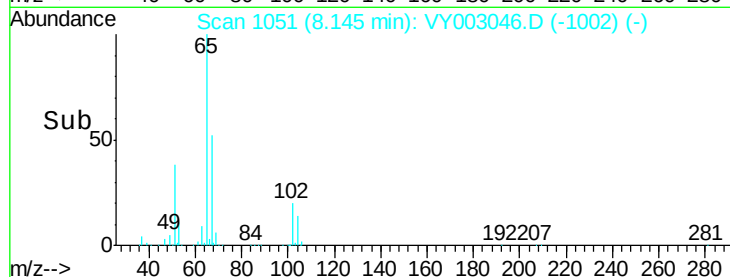
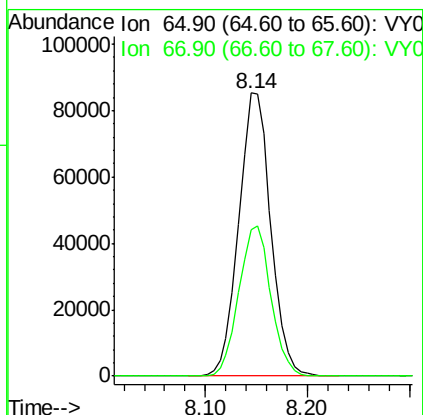
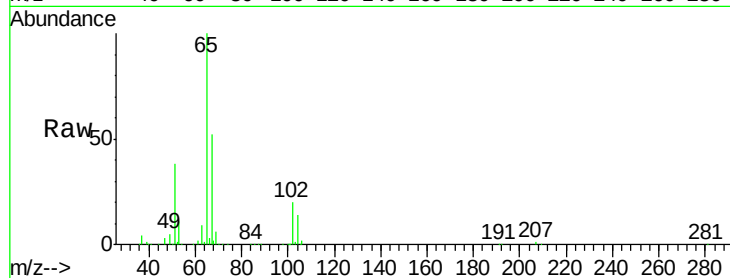




#33
 1,2-Dichloroethane-d4
 Concen: 53.810 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003046.D
 Acq: 30 Jun 2020 19:38

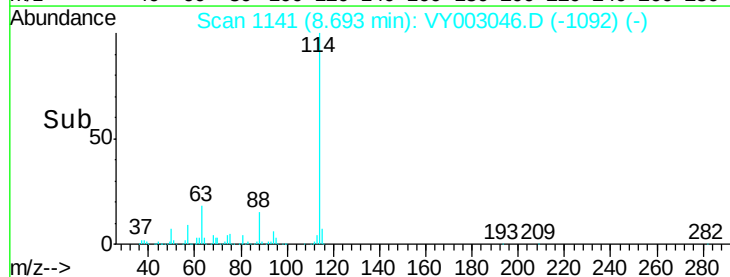
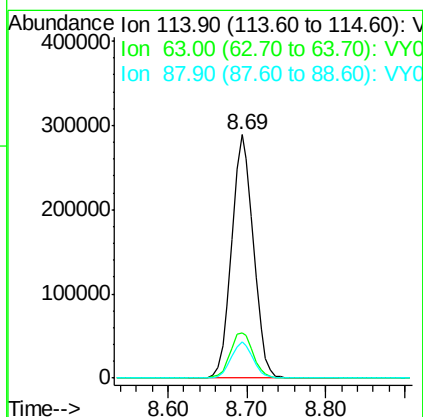
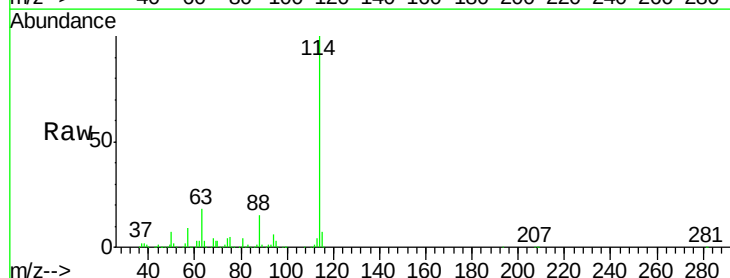
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-F

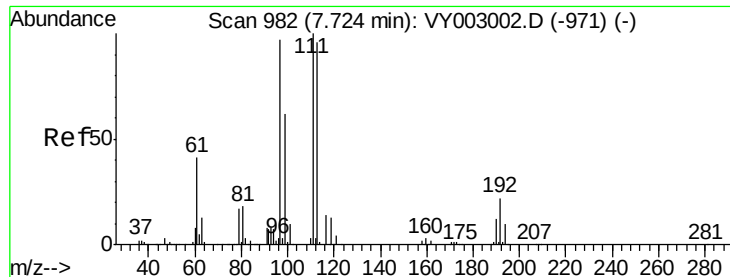
Tot Ion: 65 Resp: 185798
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003046.D
 Acq: 30 Jun 2020 19:38

Tgt Ion: 114 Resp: 553512
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.6
 88 14.9 0.0 30.0

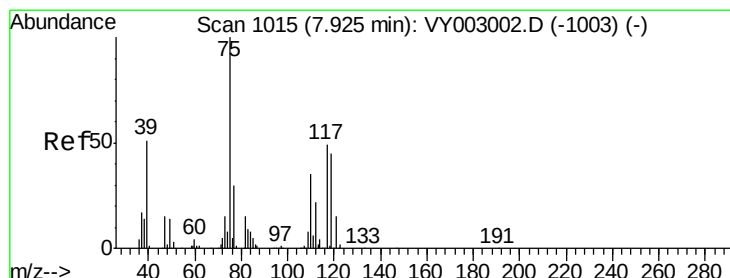
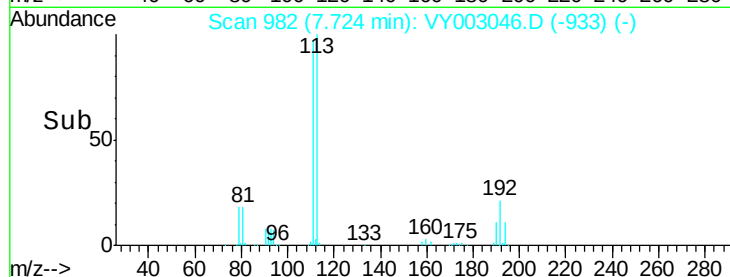
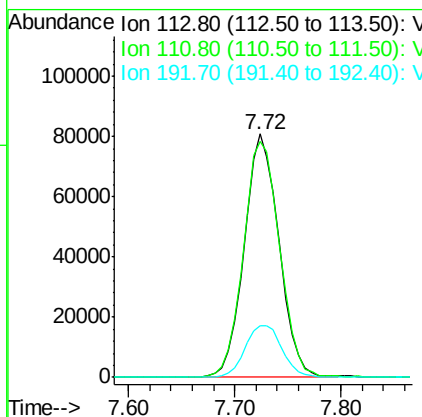
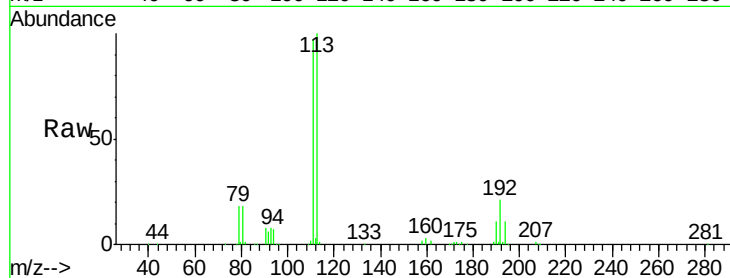




#35
Dibromofluoromethane
Concen: 53.612 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003046.D
Acq: 30 Jun 2020 19:38

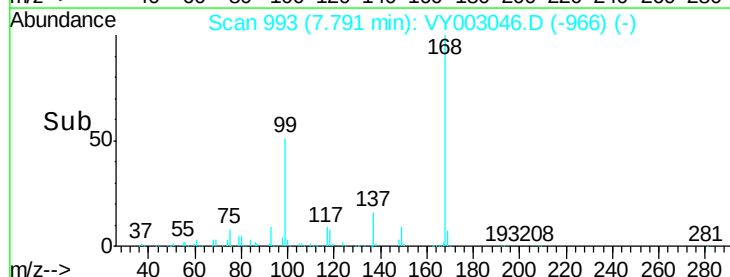
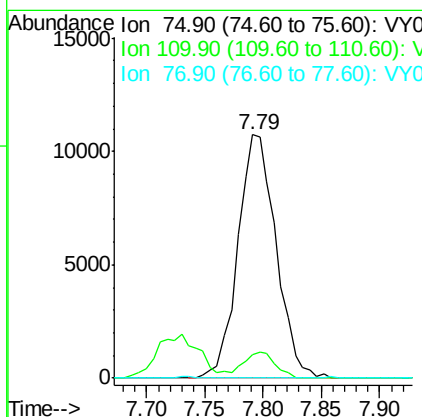
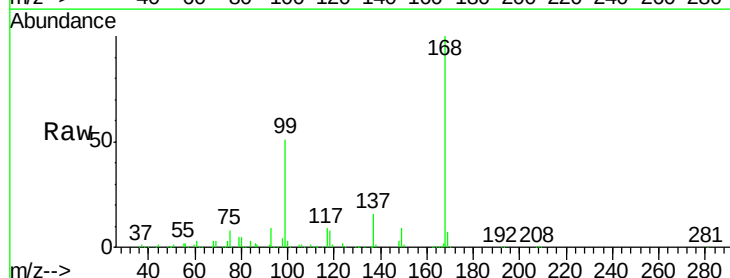
Instrument :
MSVOA_Y
ClientSampleId :
SP2-F

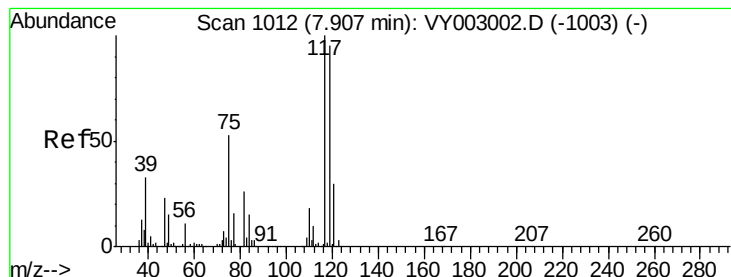
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.6	123.8
192	22.9	18.1	27.1



#36
1,1-Dichloropropene
Concen: 4.574 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.13 min
Lab File: VY003046.D
Acq: 30 Jun 2020 19:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.1	51.2#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.653 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003046.D

Acq: 30 Jun 2020 19:38

Instrument :

MSVOA_Y

ClientSampled :

SP2-F

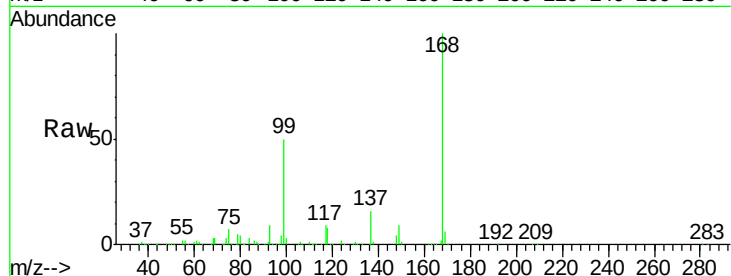
Tot Ion:117 Resp: 31357

Ion Ratio Lower Upper

117 100

119 3.2 75.7 113.5#

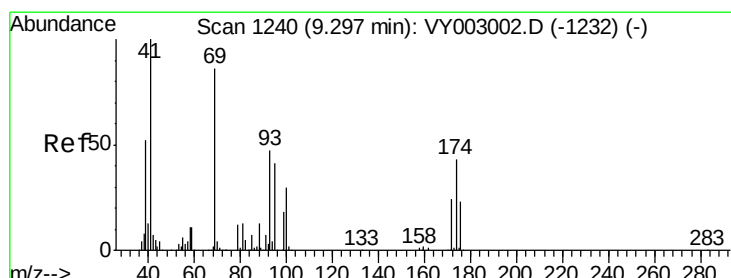
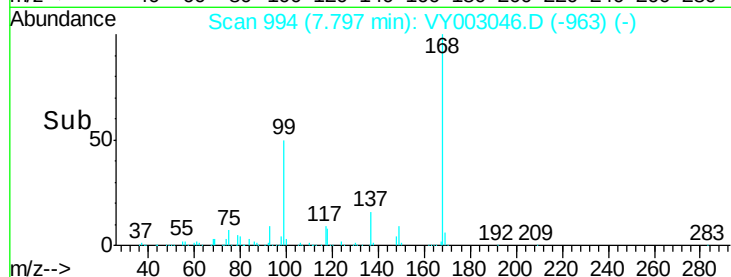
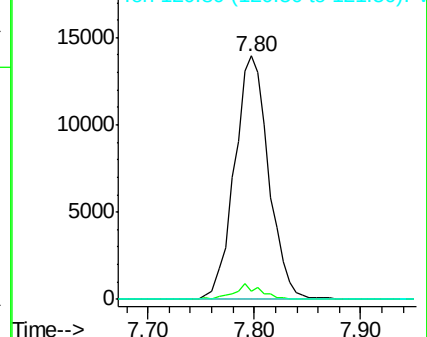
121 0.0 23.9 35.9#



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



#49

1,4-Dioxane

Concen: 2.241 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003046.D

Acq: 30 Jun 2020 19:38

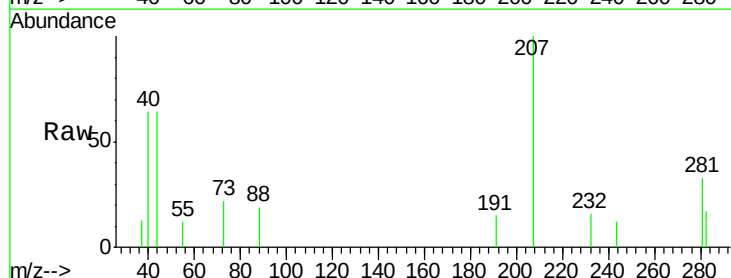
Tgt Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

43 95.0 28.6 42.8#

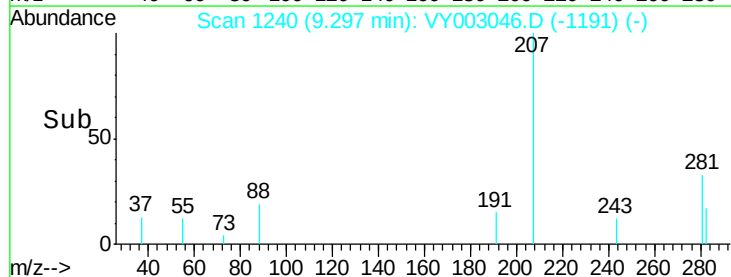
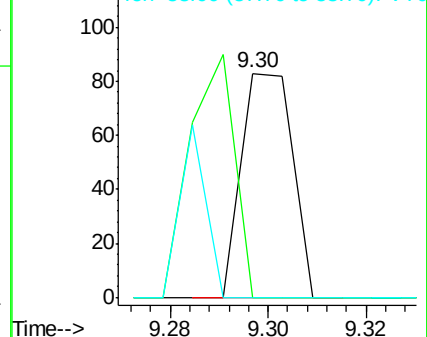
58 38.3 56.7 85.1#

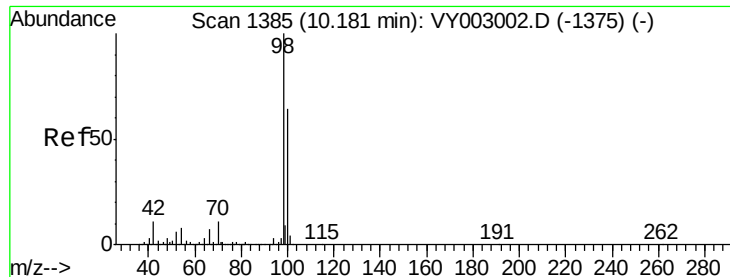


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 52.005 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003046.D

Acq: 30 Jun 2020 19:38

Instrument :

MSVOA_Y

ClientSampleId :

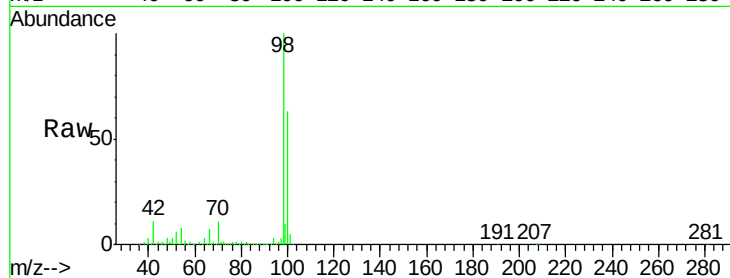
SP2-F

Tot Ion: 98 Resp: 668975

Ion Ratio Lower Upper

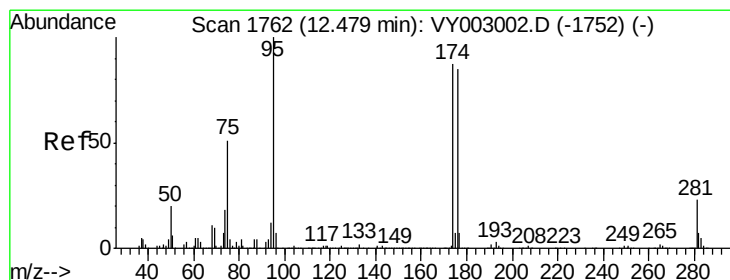
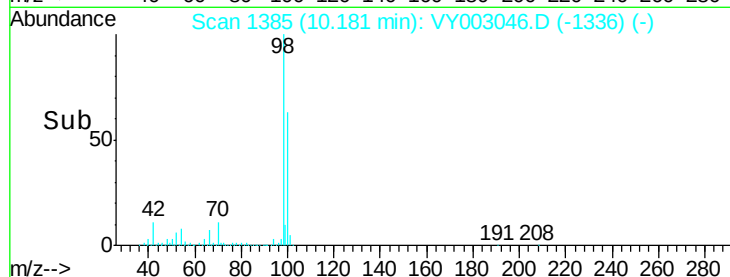
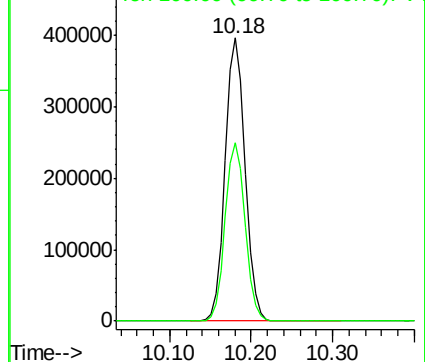
98 100

100 63.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 49.126 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003046.D

Acq: 30 Jun 2020 19:38

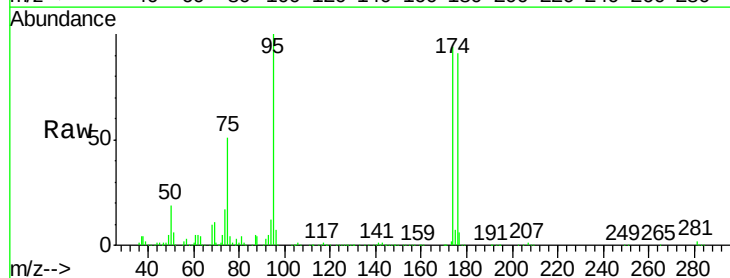
Tgt Ion: 95 Resp: 222445

Ion Ratio Lower Upper

95 100

174 96.8 0.0 184.8

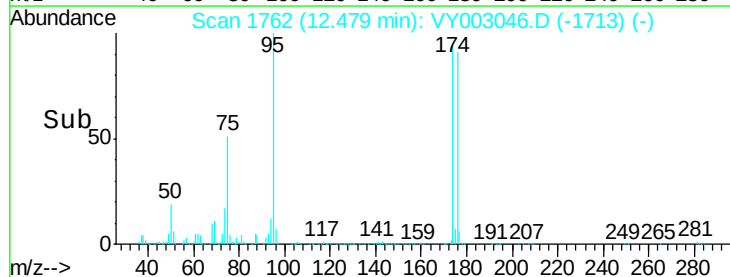
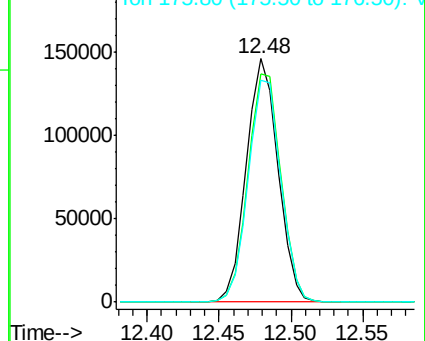
176 93.8 0.0 183.0

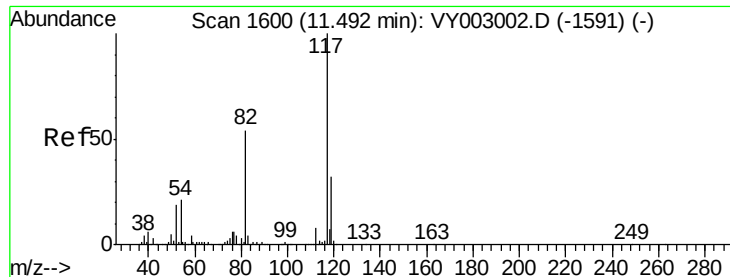


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

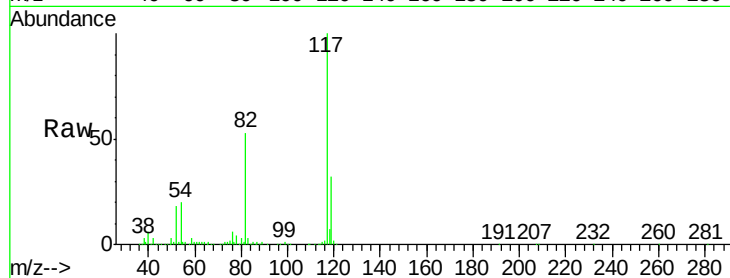




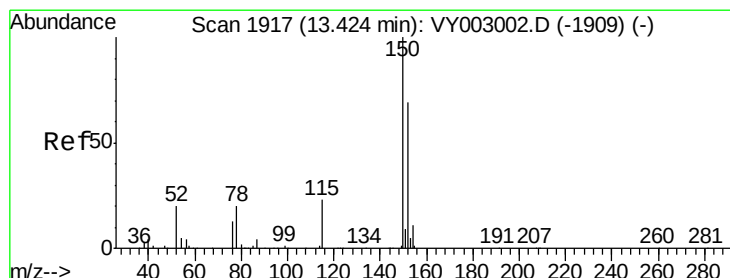
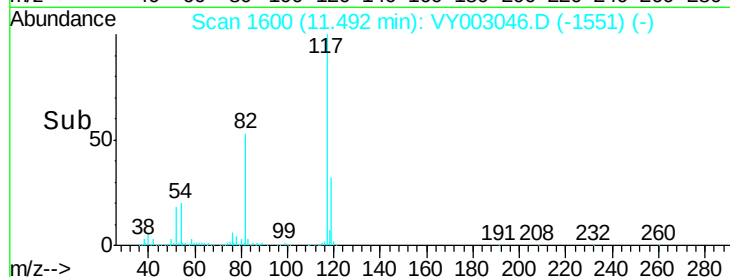
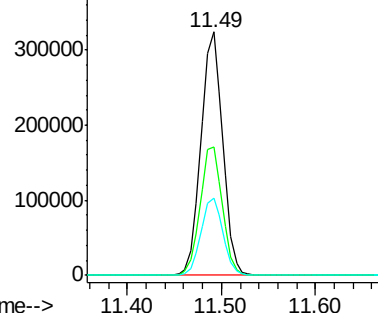
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003046.D
Acq: 30 Jun 2020 19:38

Instrument :
MSVOA_Y
ClientSampled :
SP2-F

Tot Ion:117 Resp: 517638
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.6
119 31.7 25.8 38.8

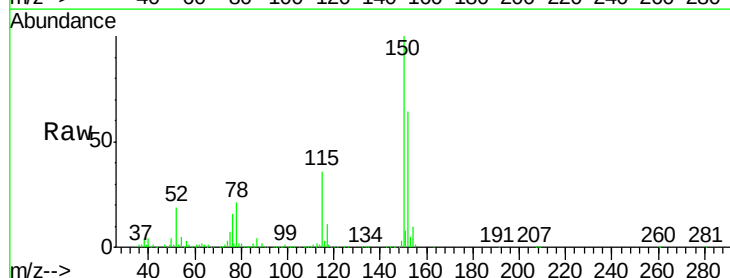


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

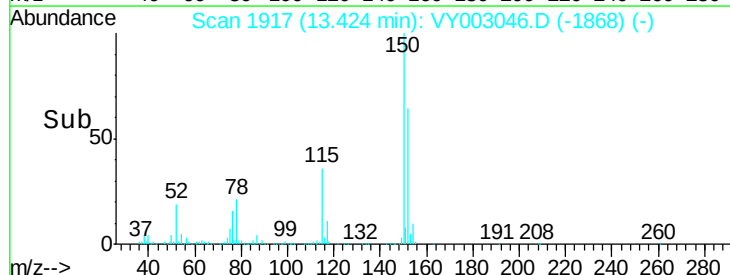
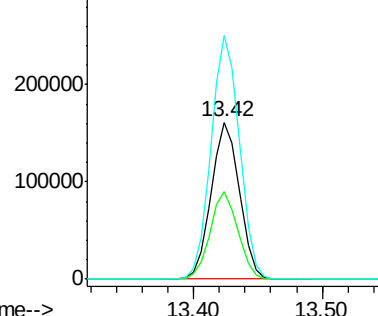


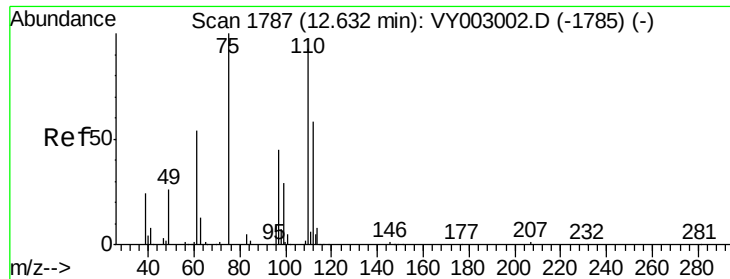
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003046.D
Acq: 30 Jun 2020 19:38

Tgt Ion:152 Resp: 244011
Ion Ratio Lower Upper
152 100
115 54.8 27.3 81.9
150 155.9 0.0 343.4



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: 47.733 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003046.D

Acq: 30 Jun 2020 19:38

Instrument :

MSVOA_Y

ClientSampled :

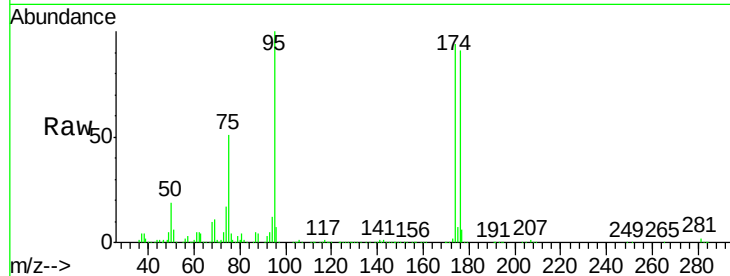
SP2-F

Tot Ion: 75 Resp: 115274

Ion Ratio Lower Upper

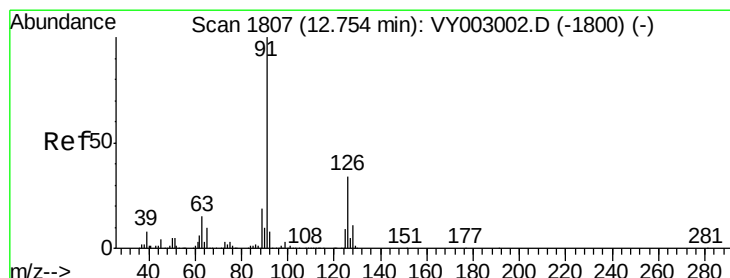
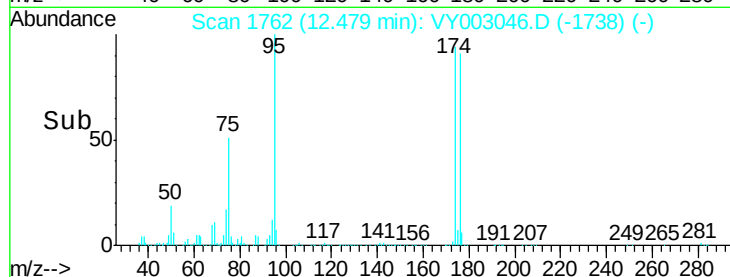
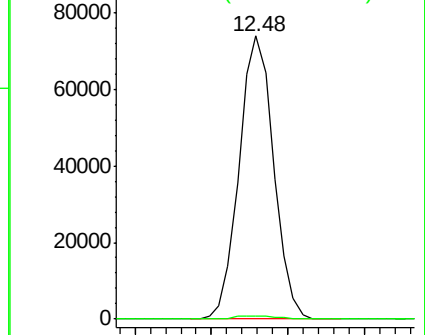
75 100

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



#79

2-Chlorotoluene

Concen: 1.569 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003046.D

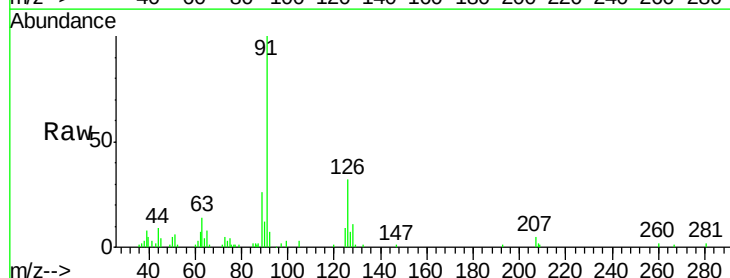
Acq: 30 Jun 2020 19:38

Tgt Ion: 91 Resp: 16821

Ion Ratio Lower Upper

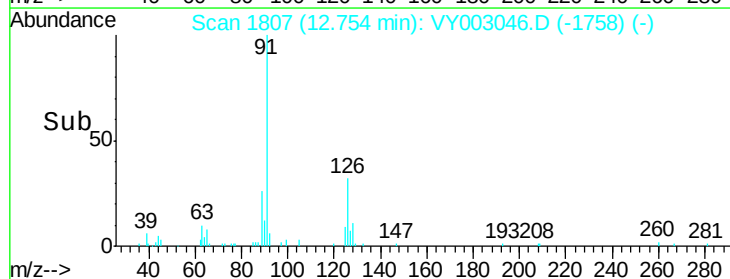
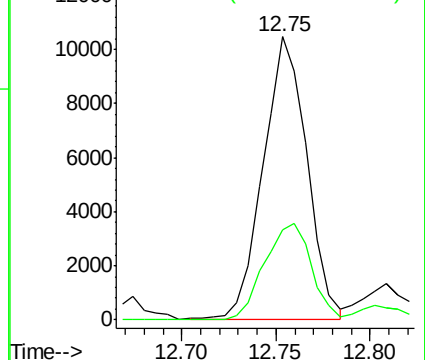
91 100

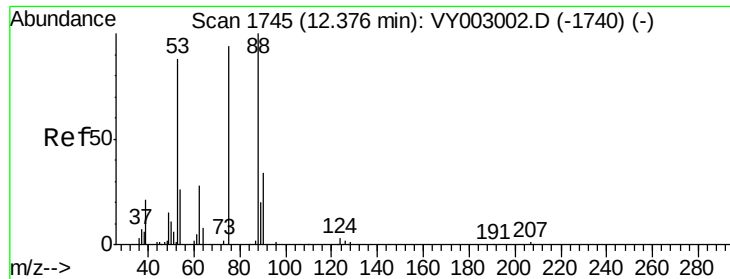
126 36.4 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

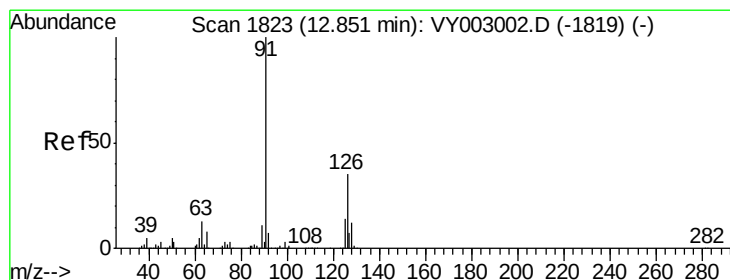
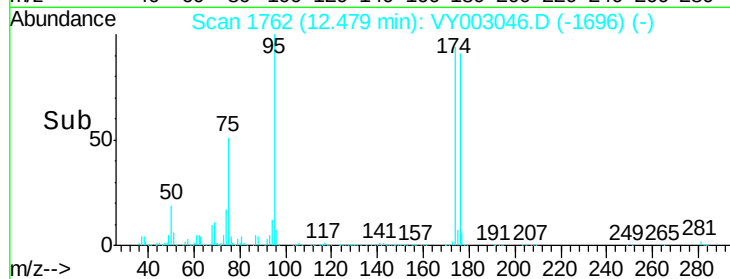
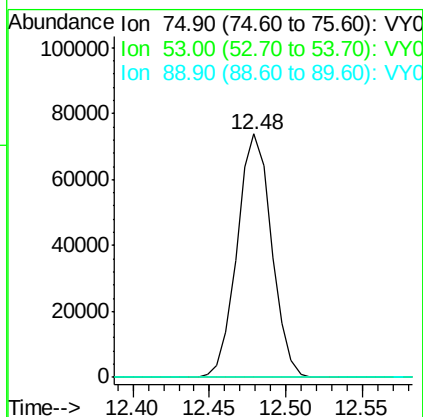
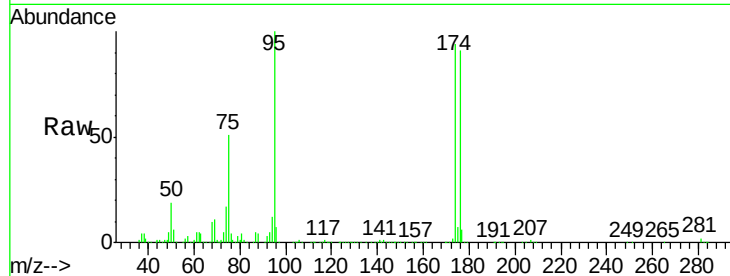




#81
trans-1,4-Dichloro-2-butene
Concen: 92.869 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003046.D
Acq: 30 Jun 2020 19:38

Instrument :
MSVOA_Y
ClientSampleId :
SP2-F

Tot Ion: 75 Resp: 115274
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.1 37.5 56.3#



#82
4-Chlorotoluene
Concen: 2.942 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003046.D
Acq: 30 Jun 2020 19:38

Tgt Ion: 91 Resp: 32832
Ion Ratio Lower Upper
91 100
126 36.1 17.4 52.3

