

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003361.D
 Acq On : 27 Jul 2020 17:27
 Operator : SY/MD
 Sample : L3435-06
 Misc : 7.71G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3

Quant Time: Jul 28 05:06:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

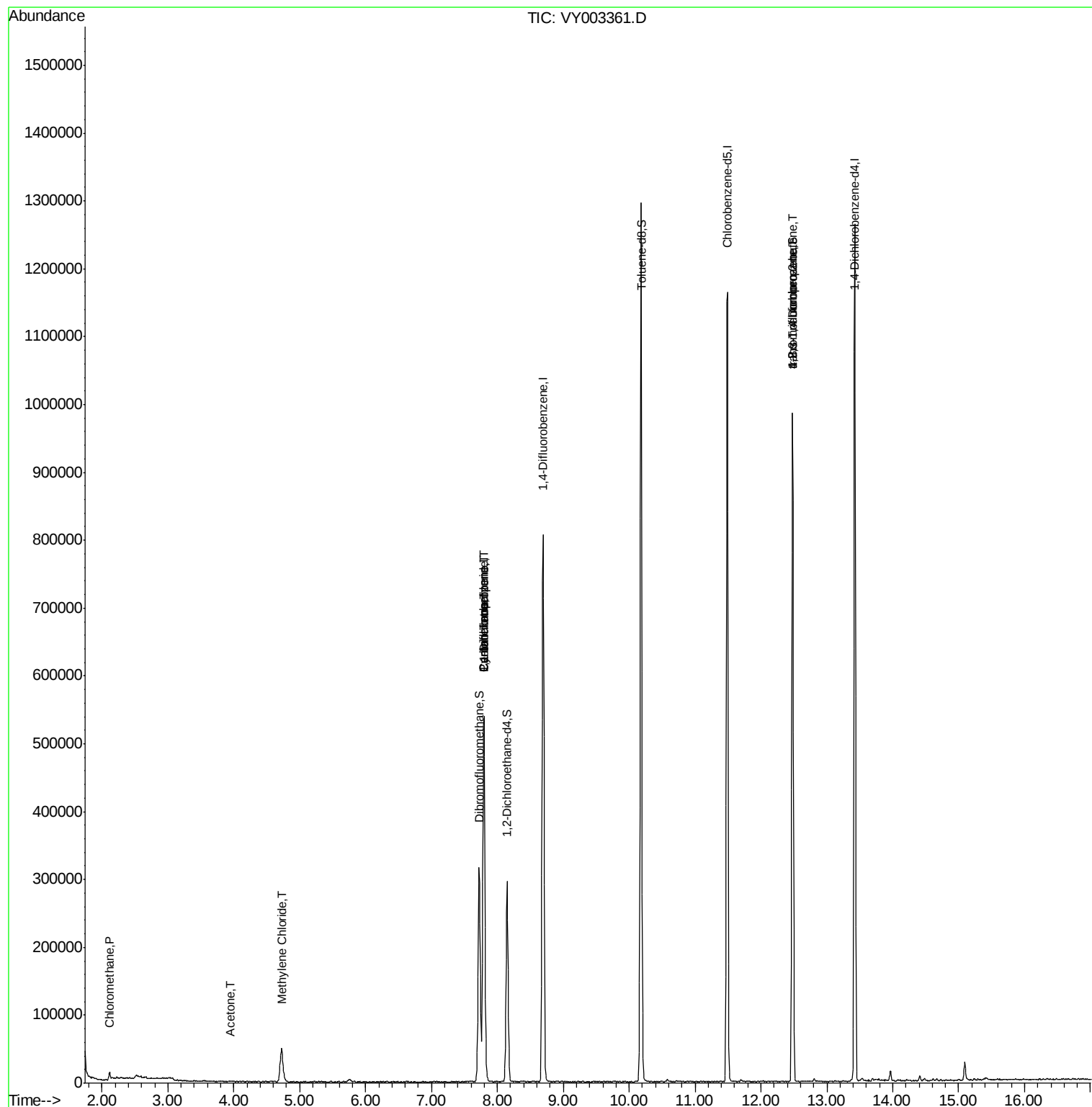
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	450275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	701448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	652433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	327497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	230960	60.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.54%	
35) Dibromofluoromethane	7.72	113	220211	54.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.10%	
50) Toluene-d8	10.18	98	849541	56.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.22%	
62) 4-Bromofluorobenzene	12.48	95	277405	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.11	50	8642	1.931	ug/l #	85
16) Acetone	3.96	43	1426	1.680	ug/l	96
20) Methylene Chloride	4.72	84	37207	3.613	ug/l	93
31) Cyclohexane	7.80	56	7761	1.123	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	31588	4.969	ug/l #	51
38) Carbon Tetrachloride	7.80	117	42544	6.482	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	142508	49.159	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	142508	95.673	ug/l #	13

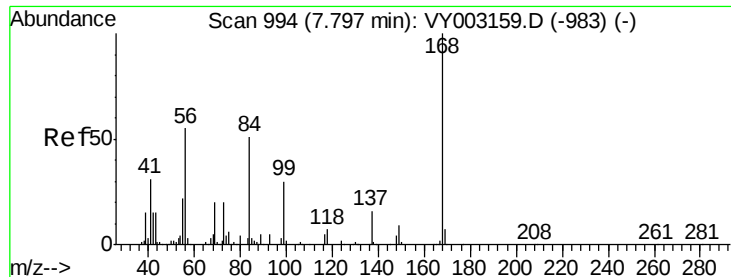
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
Data File : VY003361.D
Acq On : 27 Jul 2020 17:27
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MSVOA_Y
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SP-3

Quant Time: Jul 28 05:06:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 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: VY003361.D

Acq: 27 Jul 2020 17:27

Instrument :

MSVOA_Y

ClientSampled :

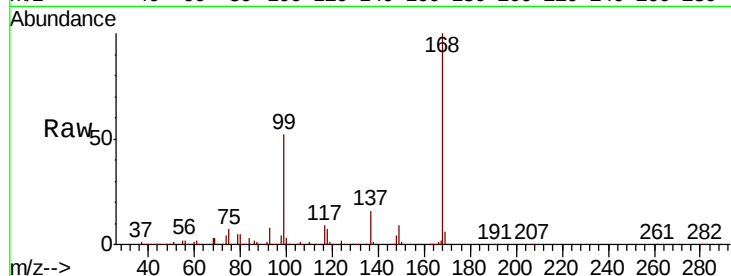
SP-3

Tot Ion:168 Resp: 450275

Ion Ratio Lower Upper

168 100

99 52.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003361.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003361.D (-945) (-)

7.80

200000

150000

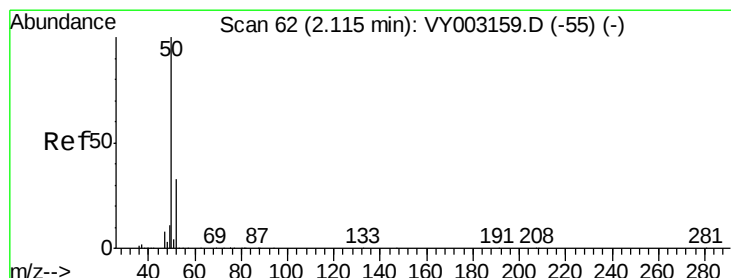
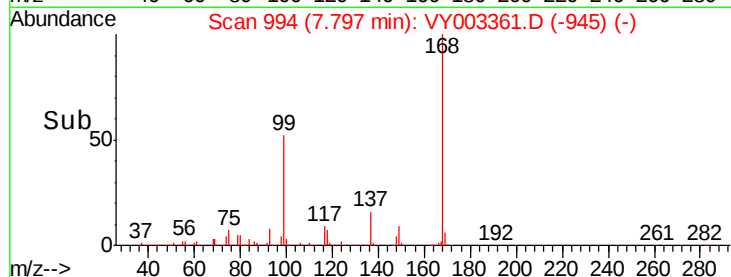
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#3

Chloromethane

Concen: 1.931 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY003361.D

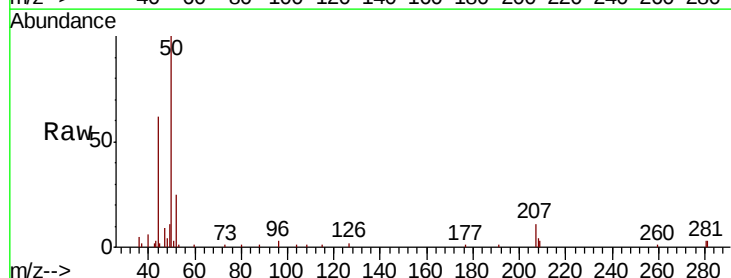
Acq: 27 Jul 2020 17:27

Tgt Ion: 50 Resp: 8642

Ion Ratio Lower Upper

50 100

52 24.9 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VY003361.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003361.D (-13) (-)

2.11

6000

5000

4000

3000

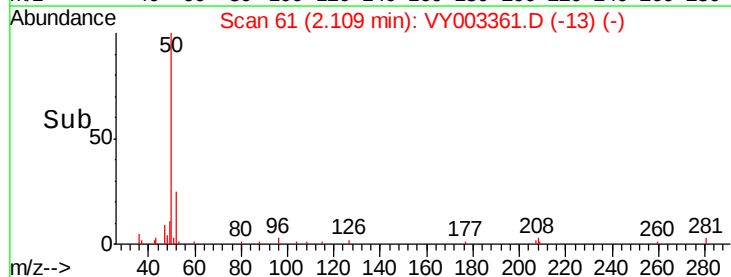
2000

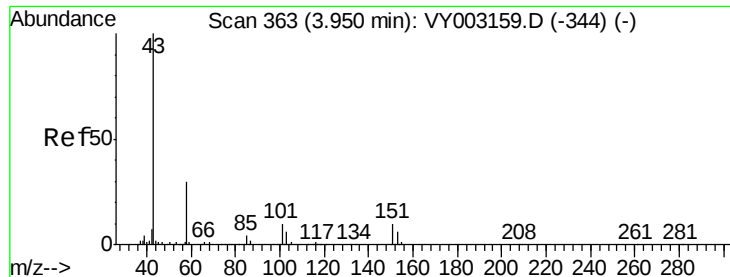
1000

0

2.05 2.10 2.15 2.20

Time-->





#16

Acetone

Concen: 1.680 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003361.D

Acq: 27 Jul 2020 17:27

Instrument :

MSVOA_Y

ClientSampleId :

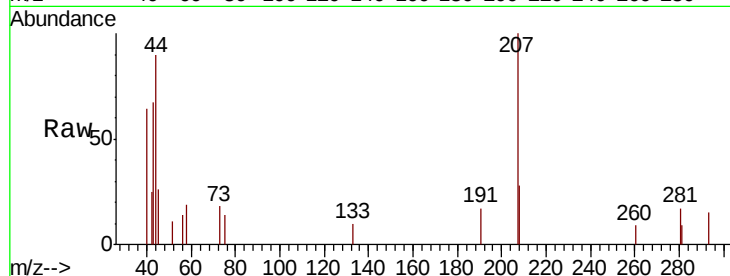
SP-3

Tot Ion: 43 Resp: 1426

Ion Ratio Lower Upper

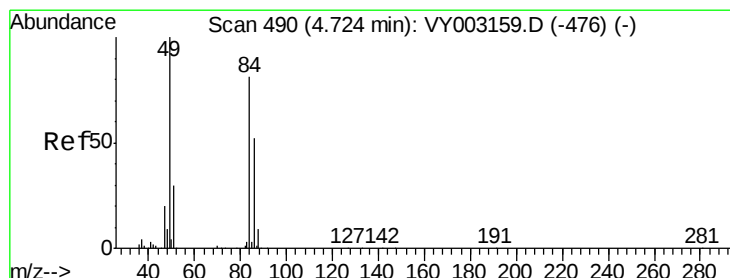
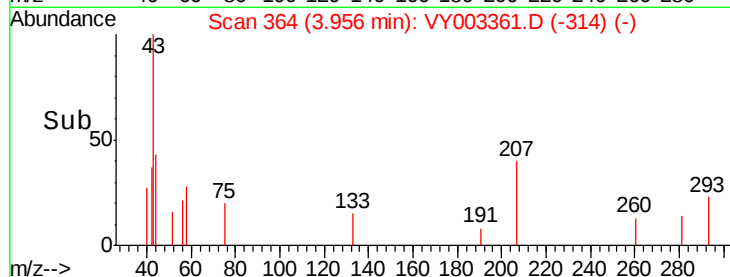
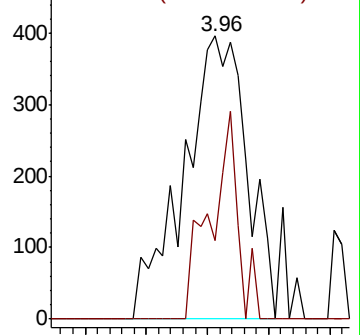
43 100

58 27.5 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 3.613 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003361.D

Acq: 27 Jul 2020 17:27

Tgt Ion: 84 Resp: 37207

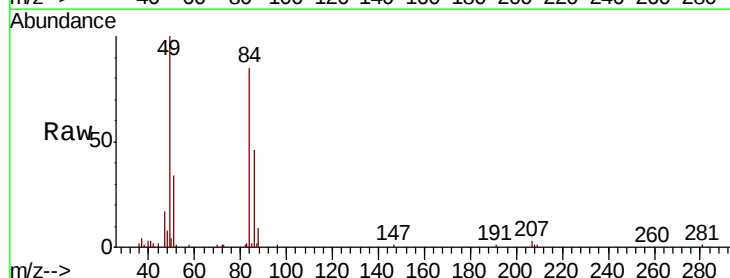
Ion Ratio Lower Upper

84 100

49 117.3 98.2 147.4

51 39.5 29.8 44.6

86 53.7 51.2 76.8

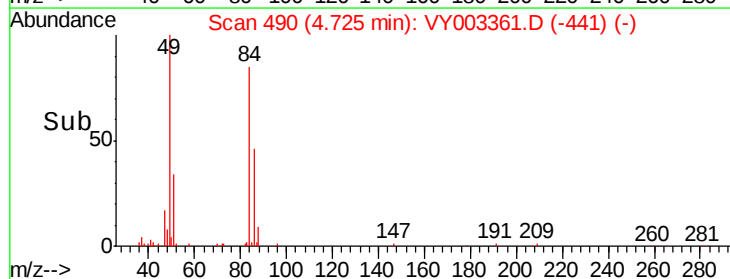
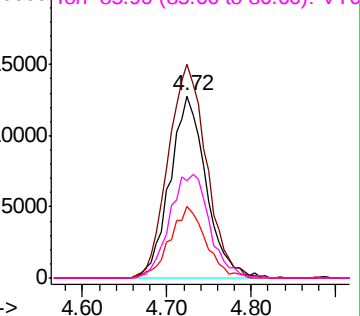


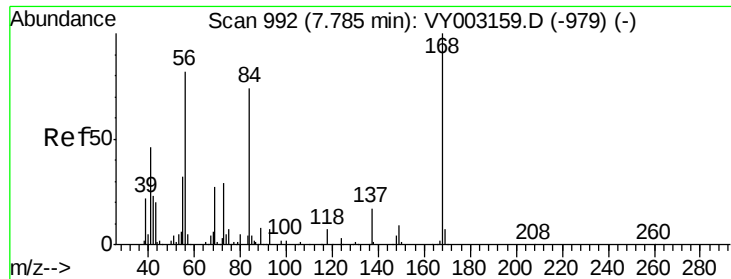
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

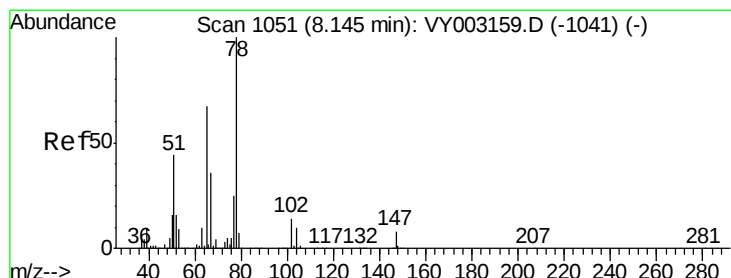
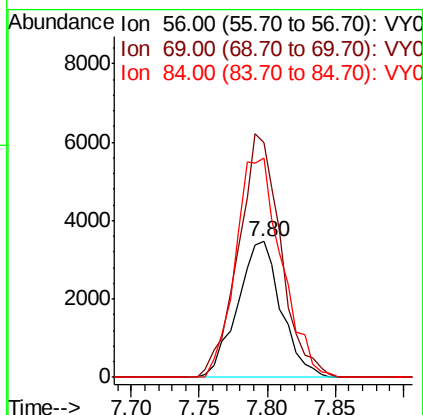
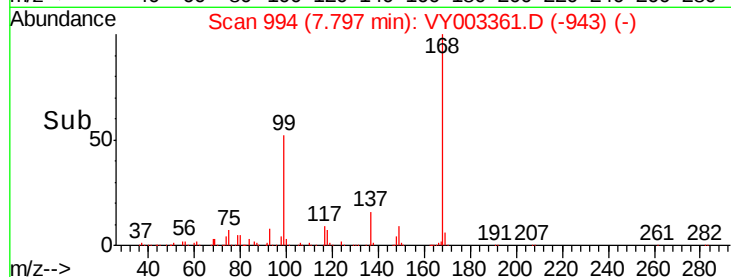
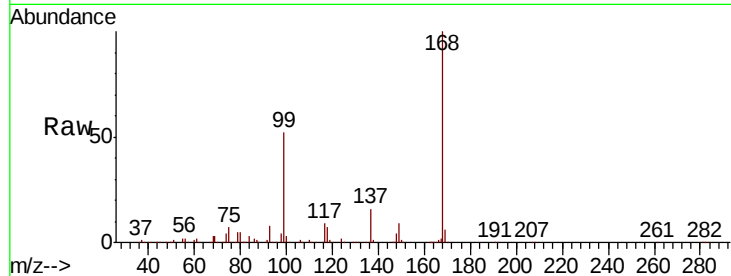




#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003361.D
Acq: 27 Jul 2020 17:27

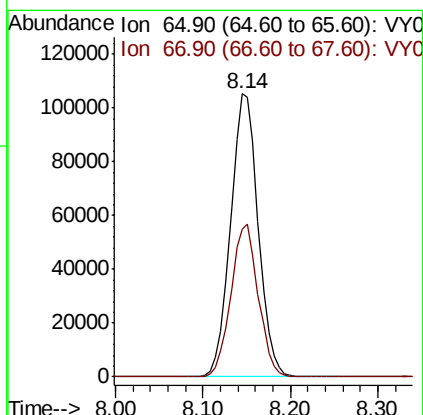
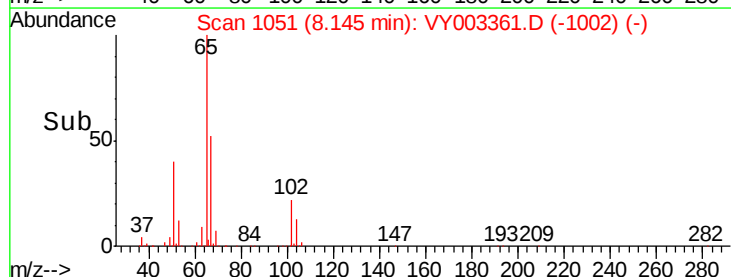
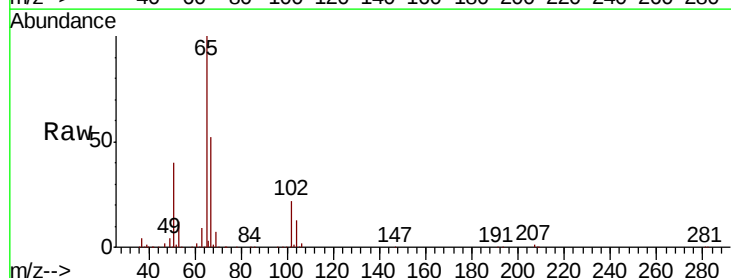
Instrument :
MSVOA_Y
ClientSampled :
SP-3

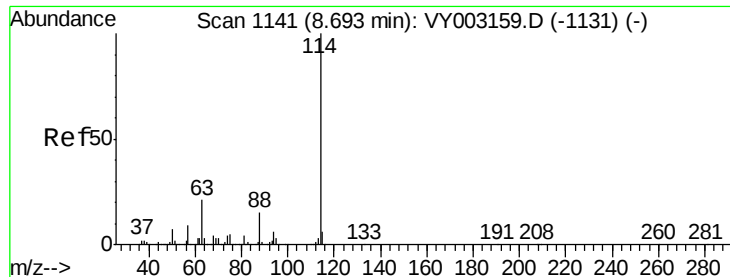
Tot Ion: 56 Resp: 7761
Ion Ratio Lower Upper
56 100
69 173.4 26.7 40.1#
84 162.0 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 60.771 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003361.D
Acq: 27 Jul 2020 17:27

Tgt Ion: 65 Resp: 230960
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.2

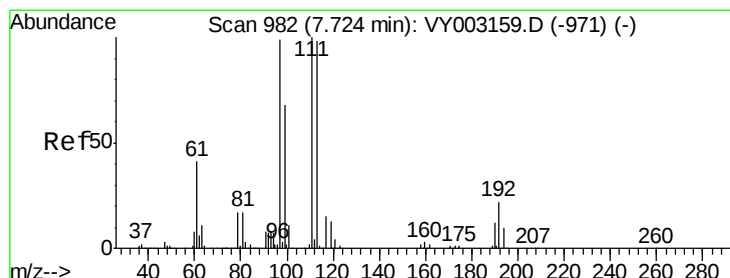
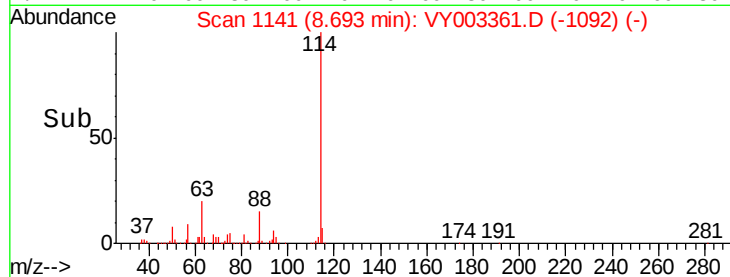
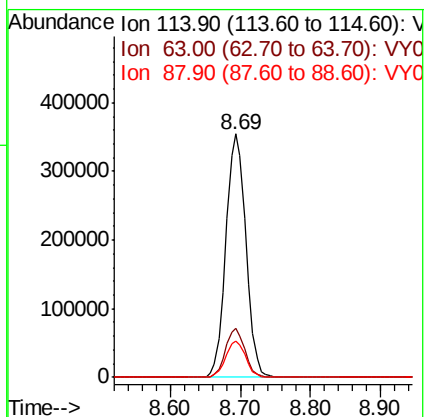
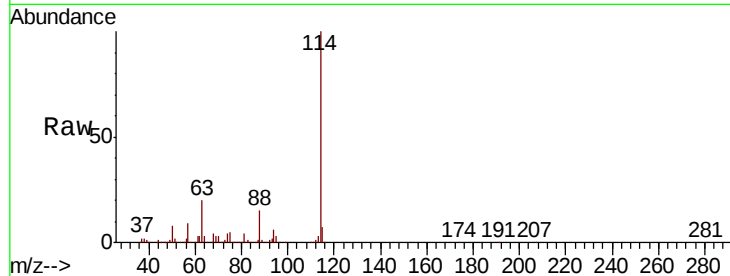




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003361.D
Acq: 27 Jul 2020 17:27

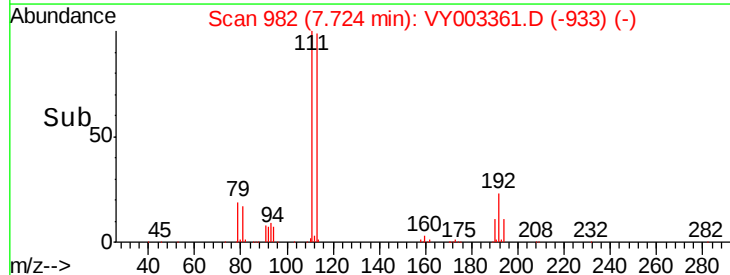
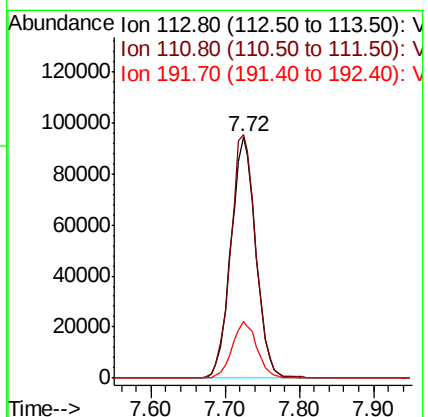
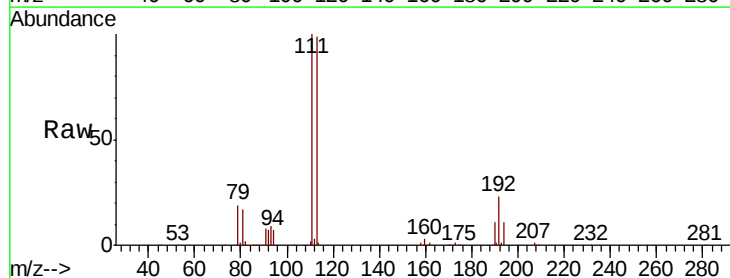
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

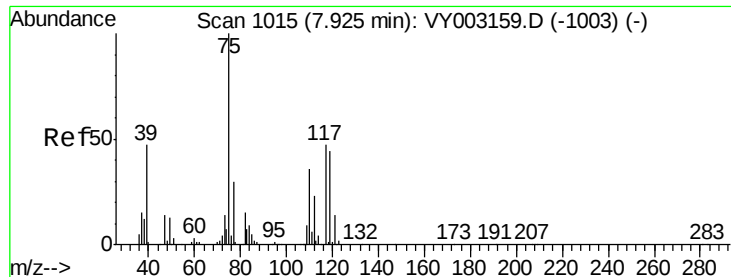
Tot Ion:114 Resp: 701448
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.2
88 15.0 0.0 30.2



#35
Dibromofluoromethane
Concen: 54.553 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003361.D
Acq: 27 Jul 2020 17:27

Tgt Ion:113 Resp: 220211
Ion Ratio Lower Upper
113 100
111 102.3 82.1 123.1
192 23.3 18.8 28.2





#36

1,1-Dichloropropene

Concen: 4.969 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY003361.D

Acq: 27 Jul 2020 17:27

Instrument :

MSVOA_Y

ClientSampled :

SP-3

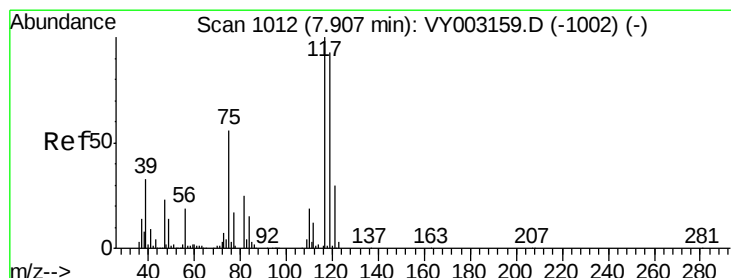
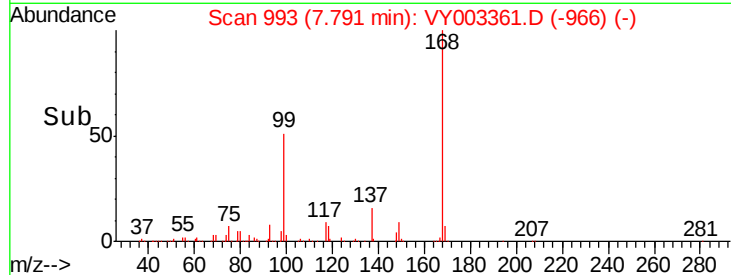
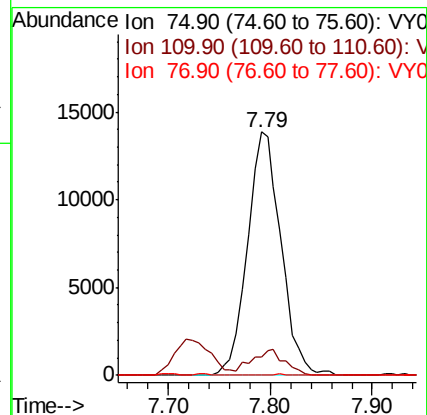
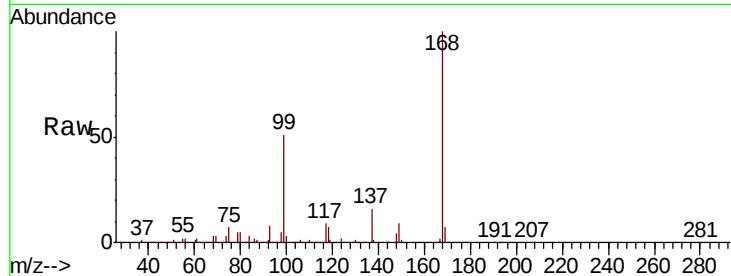
Tot Ion: 75 Resp: 31588

Ion Ratio Lower Upper

75 100

110 10.4 18.1 54.1#

77 0.1 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.482 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003361.D

Acq: 27 Jul 2020 17:27

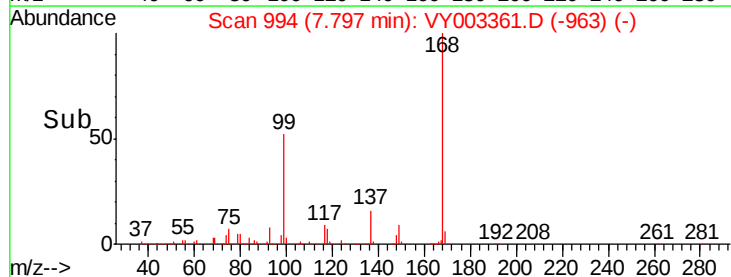
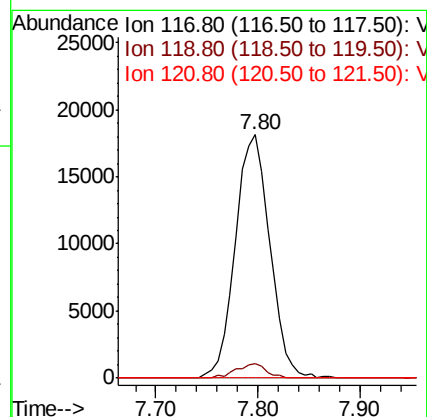
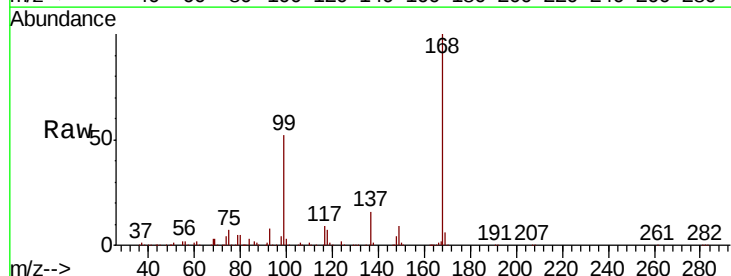
Tgt Ion: 117 Resp: 42544

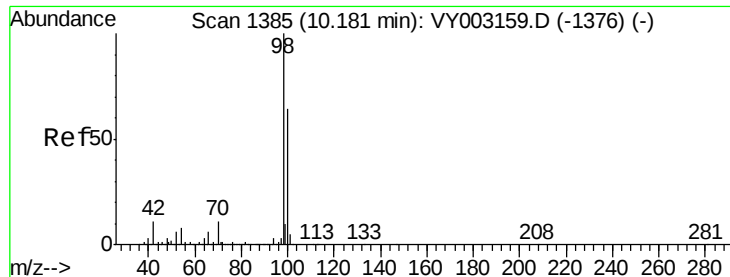
Ion Ratio Lower Upper

117 100

119 5.9 74.5 111.7#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 56.607 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003361.D

Acq: 27 Jul 2020 17:27

Instrument :

MSVOA_Y

ClientSampleId :

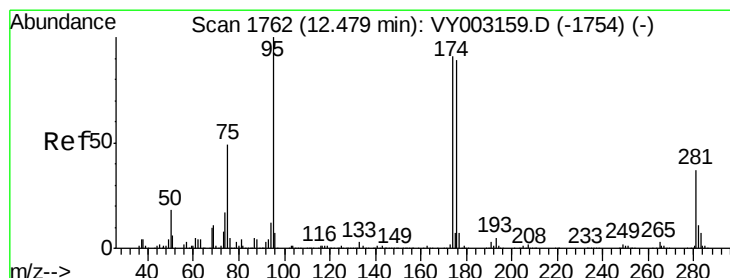
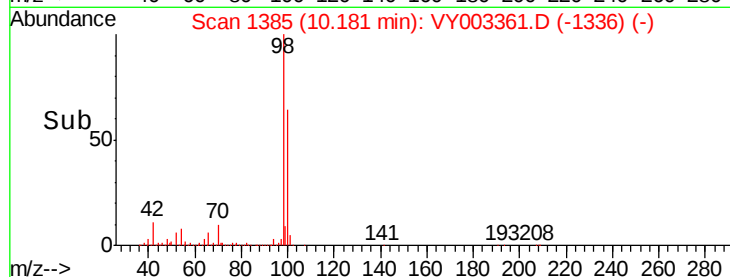
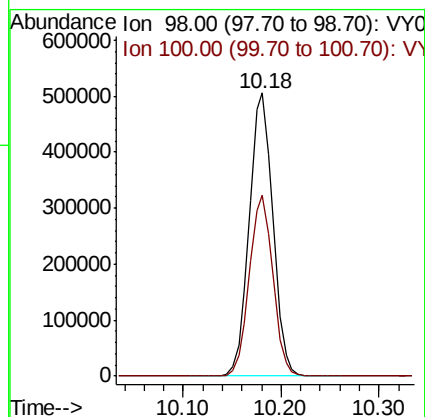
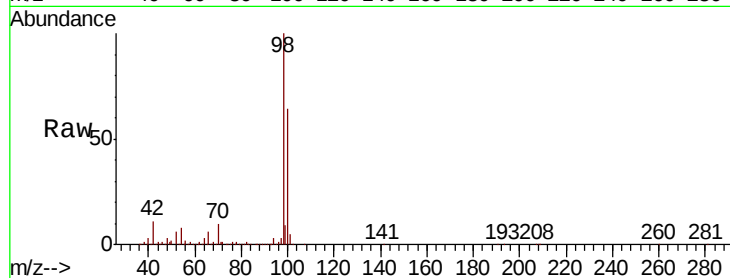
SP-3

Tot Ion: 98 Resp: 849541

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 51.166 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003361.D

Acq: 27 Jul 2020 17:27

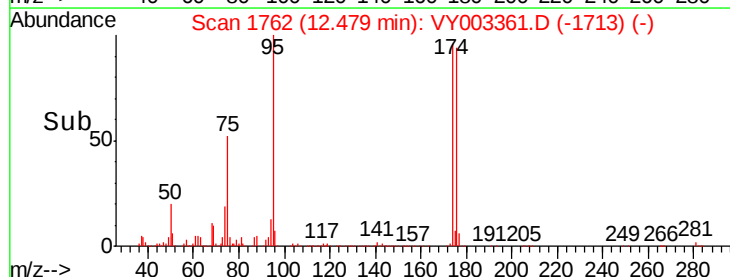
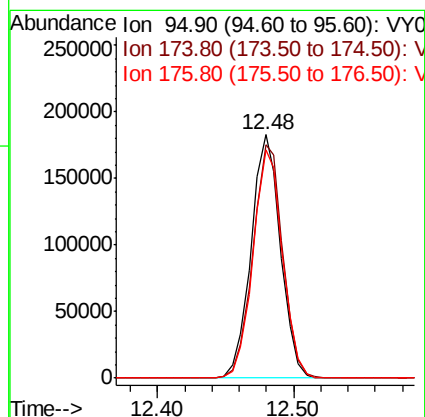
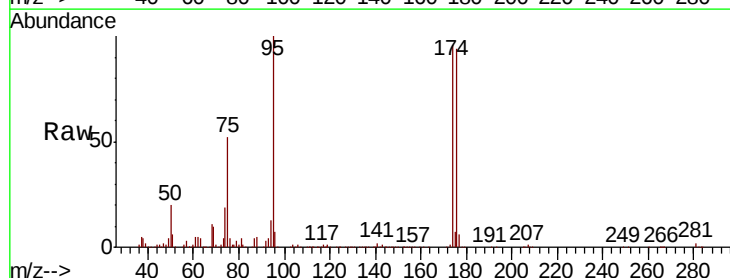
Tgt Ion: 95 Resp: 277405

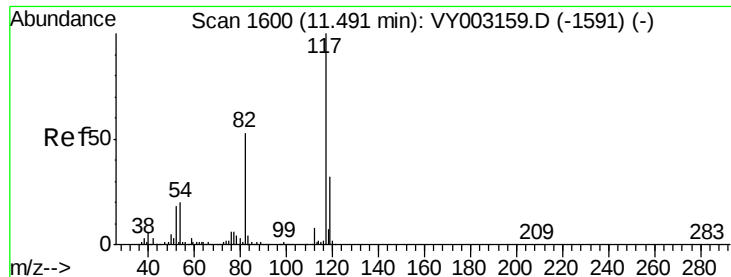
Ion Ratio Lower Upper

95 100

174 97.3 0.0 190.6

176 94.0 0.0 186.4

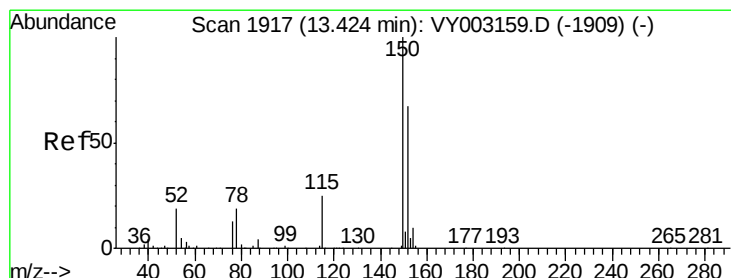
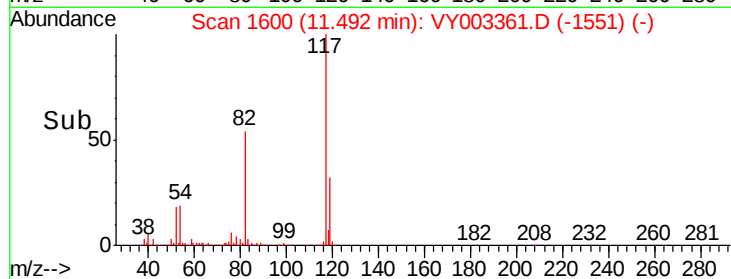
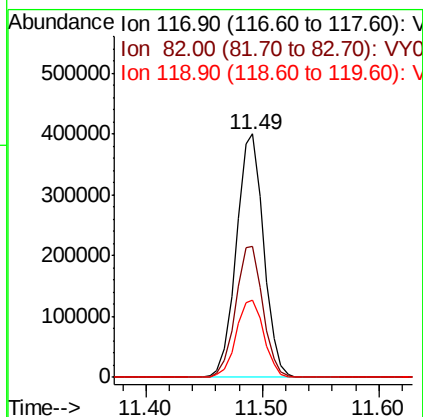
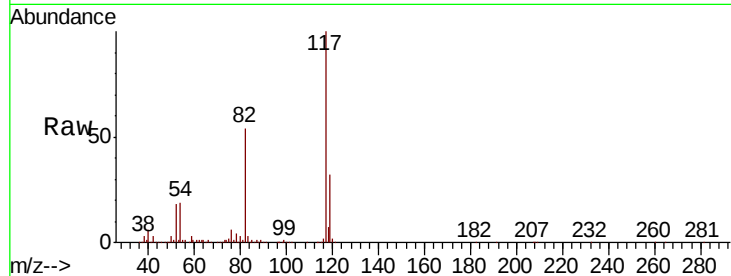




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003361.D
Acq: 27 Jul 2020 17:27

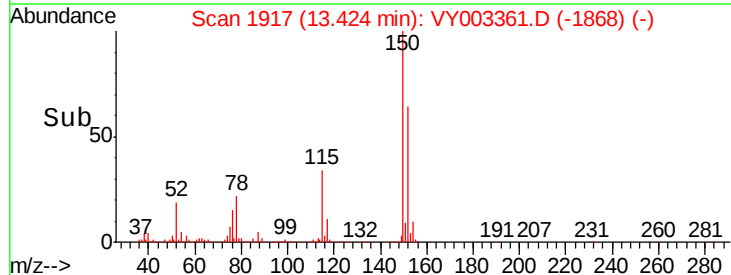
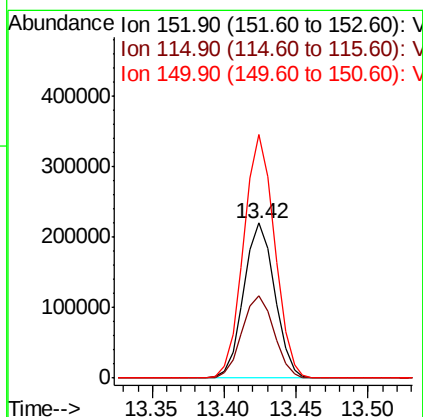
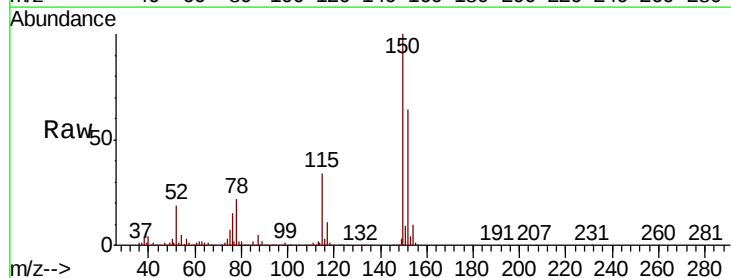
Instrument :
MSVOA_Y
ClientSampled :
SP-3

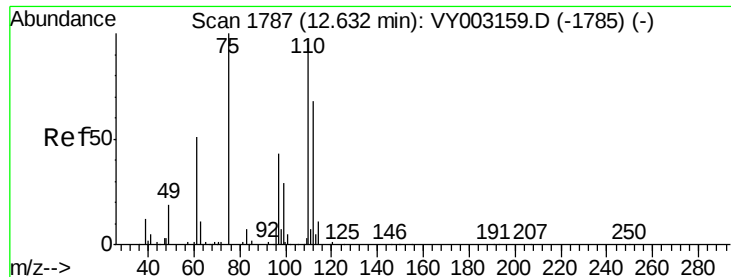
Tot Ion:117 Resp: 652433
Ion Ratio Lower Upper
117 100
82 53.7 42.0 63.0
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003361.D
Acq: 27 Jul 2020 17:27

Tgt Ion:152 Resp: 327497
Ion Ratio Lower Upper
152 100
115 55.0 26.9 80.7
150 157.3 0.0 338.0





#76

1,2,3-Trichloropropane

Concen: 49.159 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003361.D

Acq: 27 Jul 2020 17:27

Instrument :

MSVOA_Y

ClientSampled :

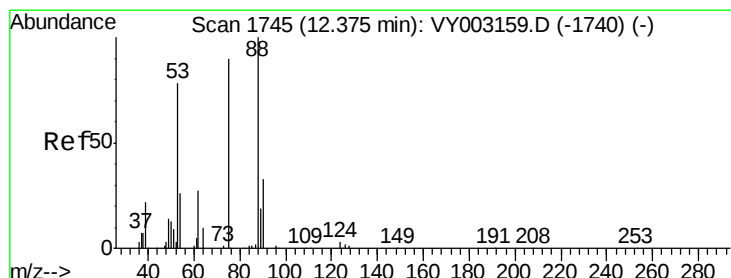
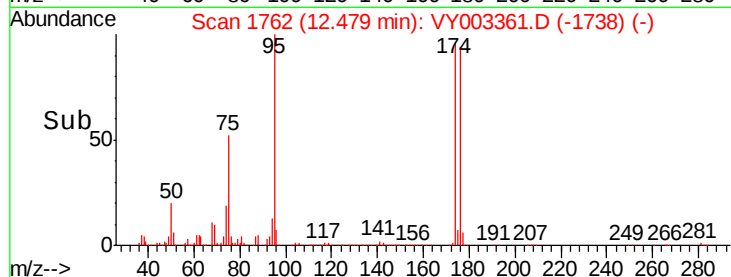
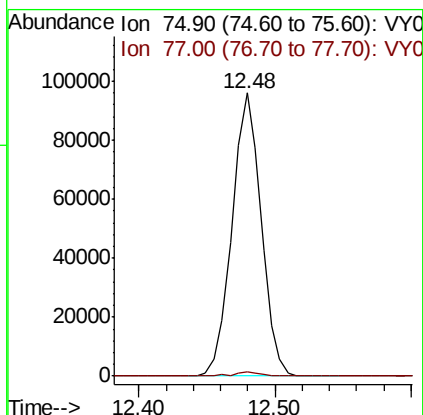
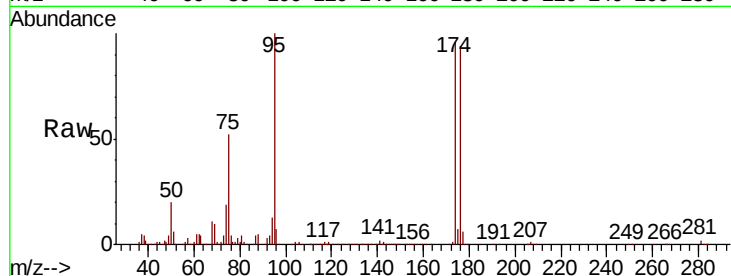
SP-3

Tot Ion: 75 Resp: 142508

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.673 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003361.D

Acq: 27 Jul 2020 17:27

Tgt Ion: 75 Resp: 142508

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.0 37.3 55.9#

