

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003039.D
 Acq On : 30 Jun 2020 16:51
 Operator : SY/MD
 Sample : L3153-34
 Misc : 6.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-I

Quant Time: Jul 01 05:15:26 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	369569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	591827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	550756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	254186	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	198333	54.03	ug/l	0.00
Spiked Amount			Recovery	=	108.06%	
35) Dibromofluoromethane	7.72	113	193748	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	
50) Toluene-d8	10.18	98	702484	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.48	95	241868	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	

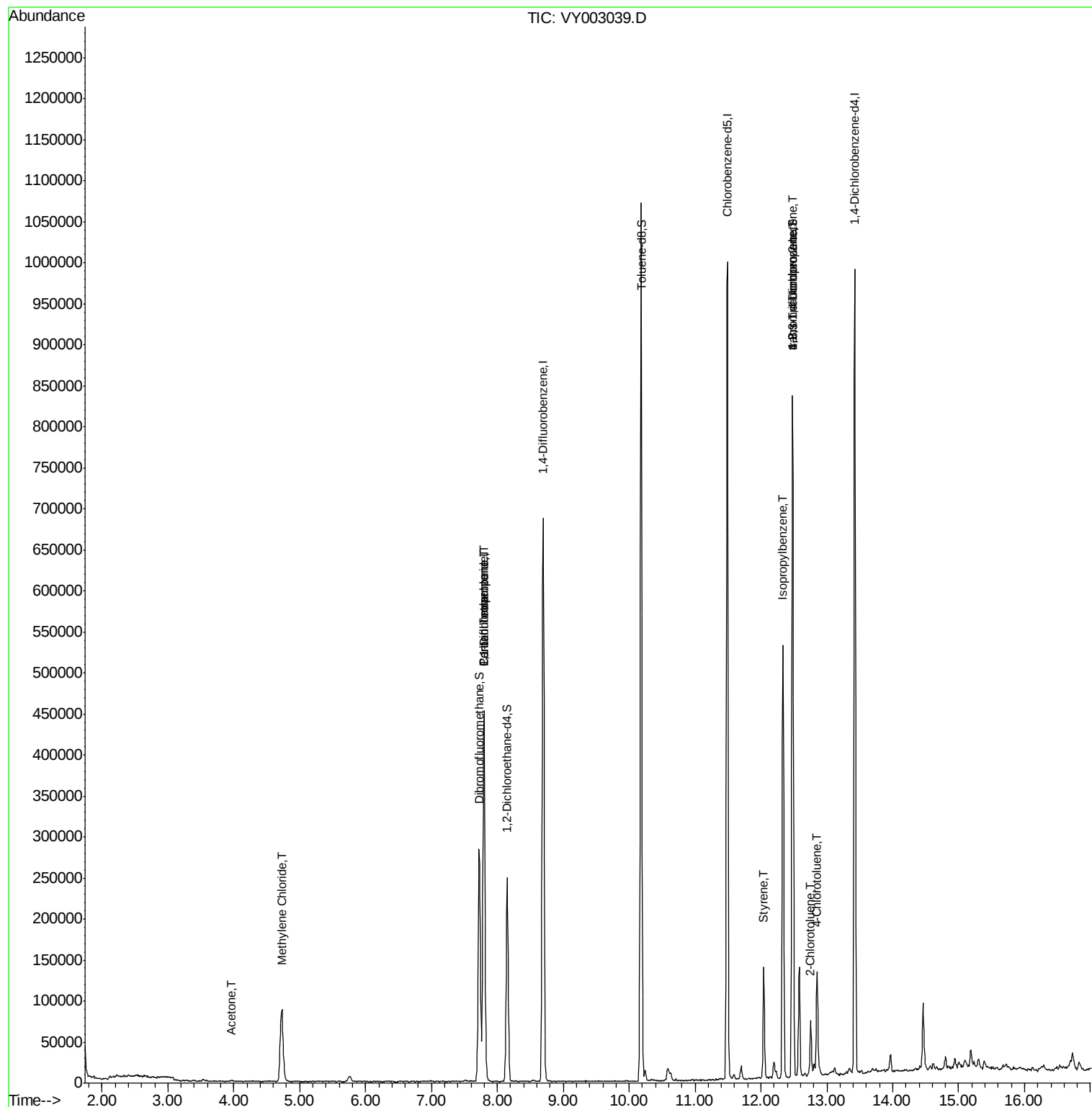
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	2465	2.847	ug/l #	61
20) Methylene Chloride	4.73	84	70320	13.052	ug/l	88
36) 1,1-Dichloropropene	7.80	75	23725	4.162	ug/l #	51
38) Carbon Tetrachloride	7.80	117	33046	5.572	ug/l #	17
70) Styrene	12.04	104	62470	5.248	ug/l	91
73) Isopropylbenzene	12.33	105	22849	1.374	ug/l #	60
76) 1,2,3-Trichloropropane	12.48	75	124288	49.406	ug/l #	100
79) 2-Chlorotoluene	12.75	91	34195	3.062	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.48	75	124288	96.123	ug/l #	12
82) 4-Chlorotoluene	12.86	91	69489	5.977	ug/l	99

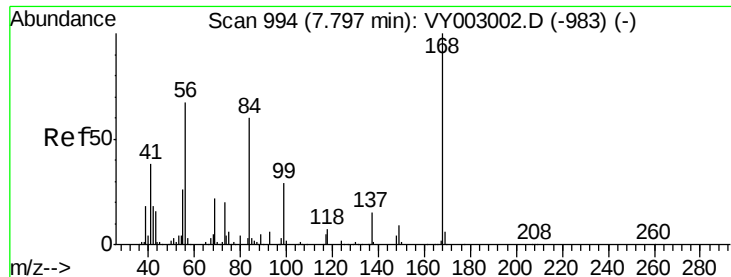
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
Data File : VY003039.D
Acq On : 30 Jun 2020 16:51
Operator : SY/MD
Sample : L3153-34
Misc : 6.74G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP2-I

Quant Time: Jul 01 05:15:26 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: VY003039.D

Acq: 30 Jun 2020 16:51

Instrument :

MSVOA_Y

ClientSampled :

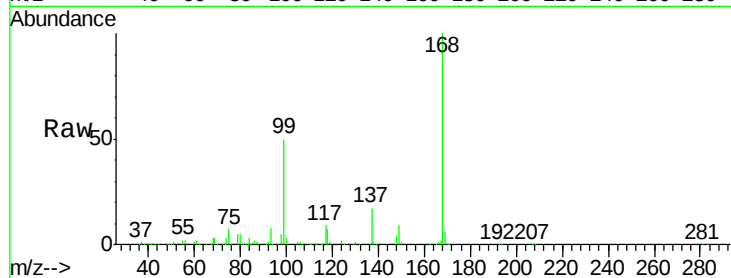
SP2-I

Tot Ion:168 Resp: 369569

Ion Ratio Lower Upper

168 100

99 49.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

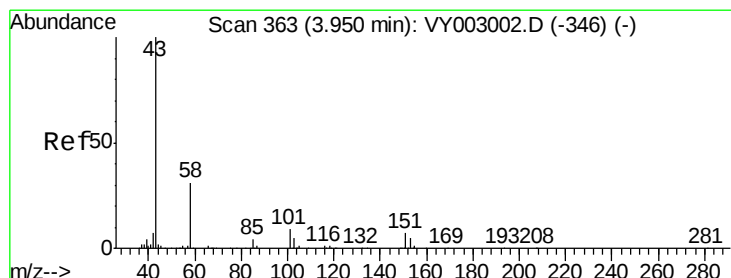
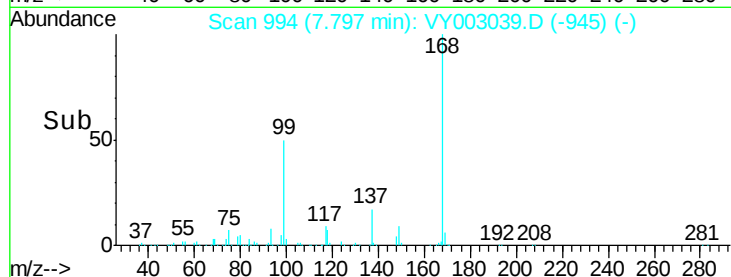
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.847 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003039.D

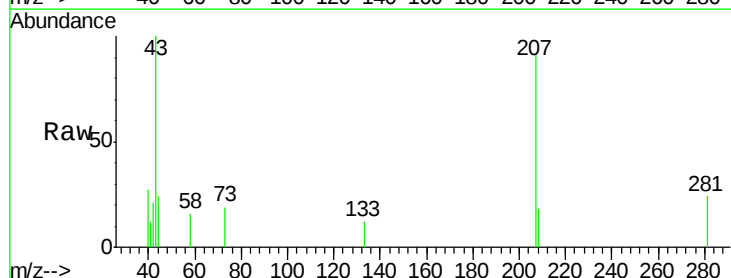
Acq: 30 Jun 2020 16:51

Tgt Ion: 43 Resp: 2465

Ion Ratio Lower Upper

43 100

58 9.6 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VY003002.D (-346) (-)

3.96

1000

800

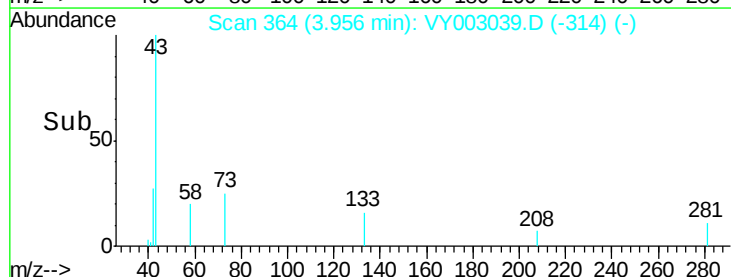
600

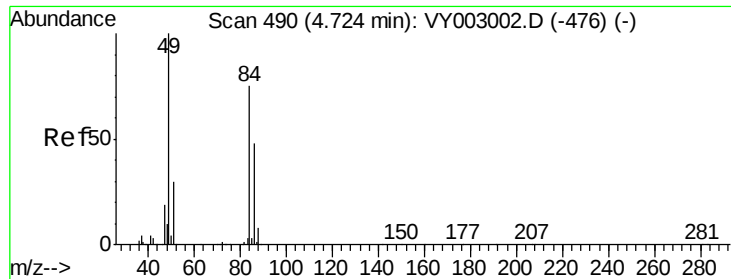
400

200

0

Time-->

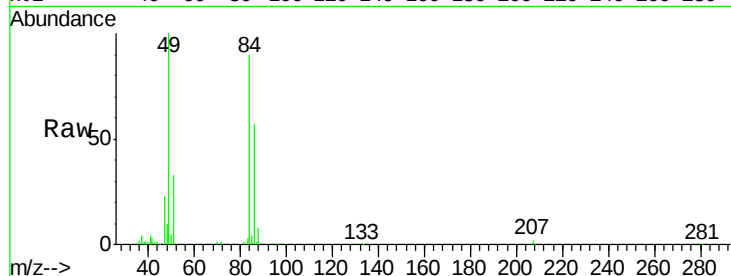




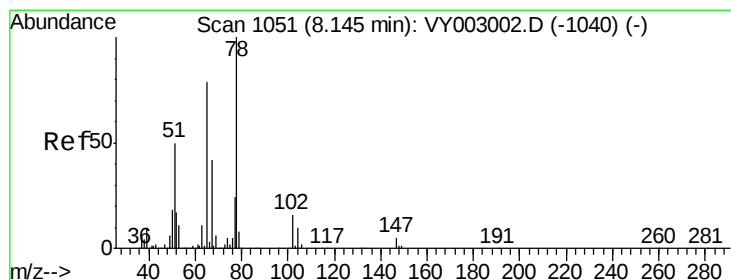
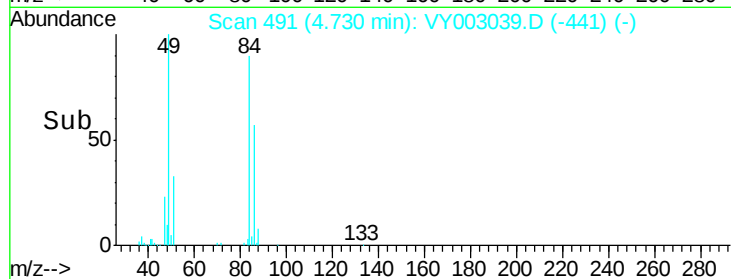
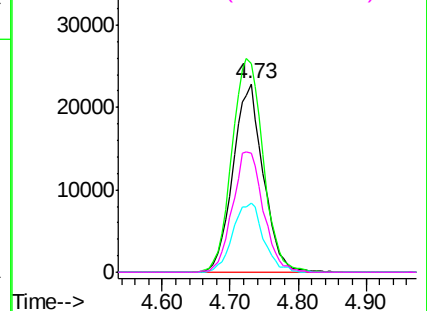
#20
Methylene Chloride
Concen: 13.052 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003039.D
Acq: 30 Jun 2020 16:51

Instrument :
MSVOA_Y
ClientSampleId :
SP2-I

Tot Ion: 84 Resp: 70320
Ion Ratio Lower Upper
84 100
49 110.6 106.8 160.2
51 36.5 32.0 48.0
86 63.4 51.4 77.2

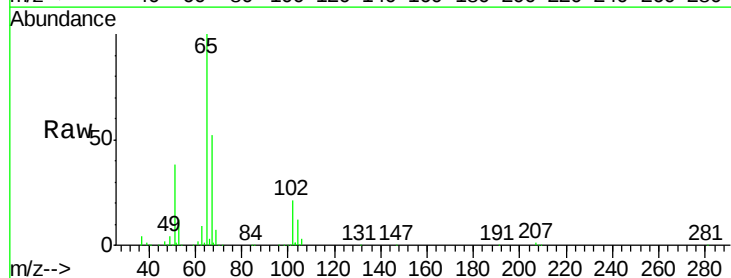


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

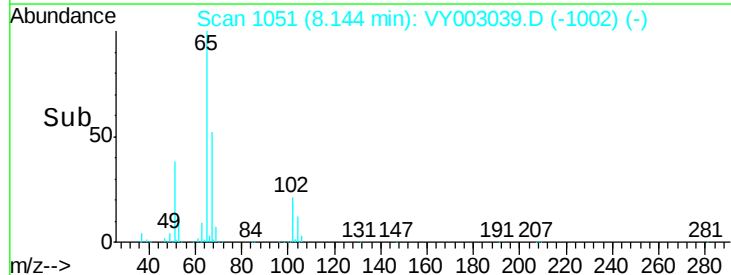
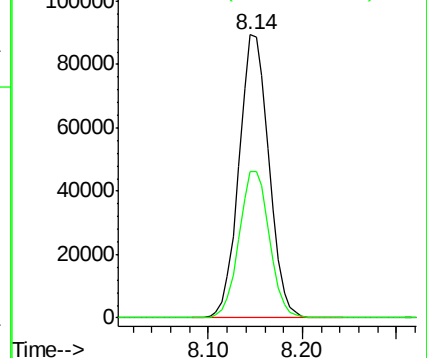


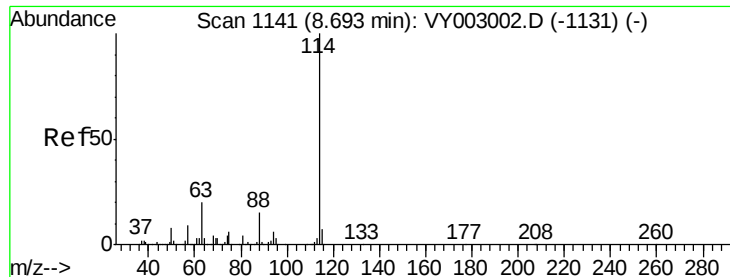
#33
1,2-Dichloroethane-d4
Concen: 54.033 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VY003039.D
Acq: 30 Jun 2020 16:51

Tgt Ion: 65 Resp: 198333
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003039.D

Acq: 30 Jun 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

SP2-I

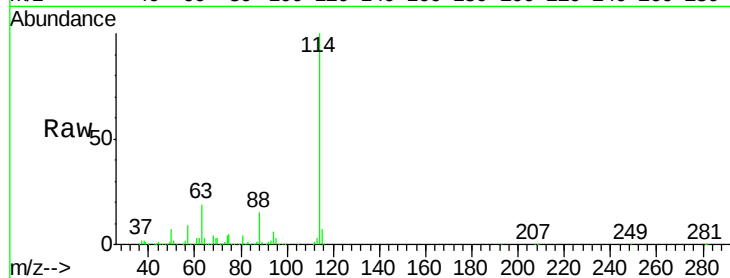
Tot Ion:114 Resp: 591827

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.6

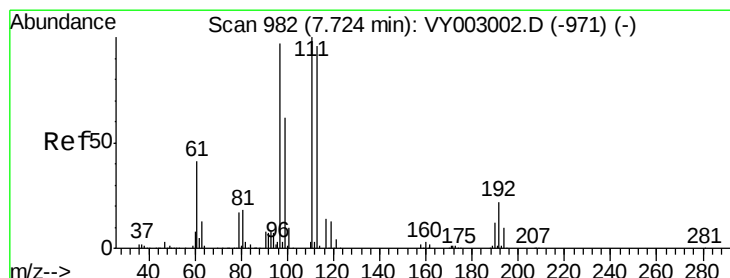
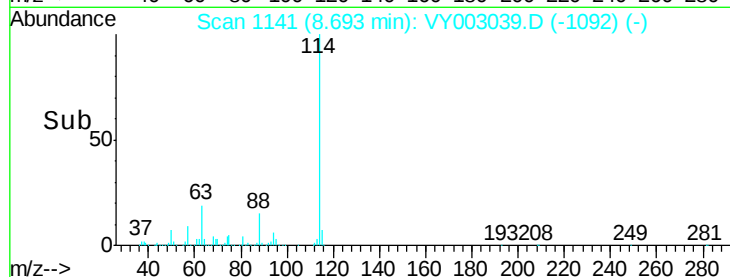
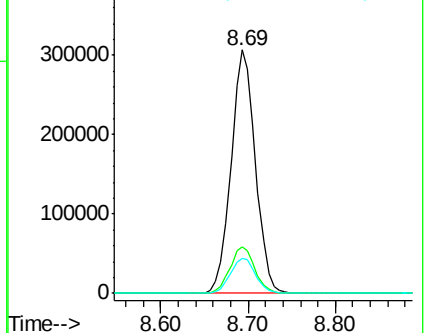
88 14.6 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 52.479 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003039.D

Acq: 30 Jun 2020 16:51

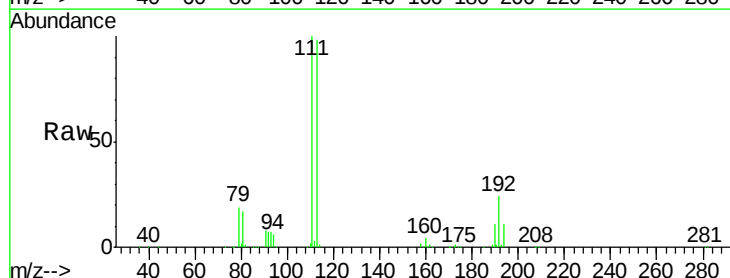
Tgt Ion:113 Resp: 193748

Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

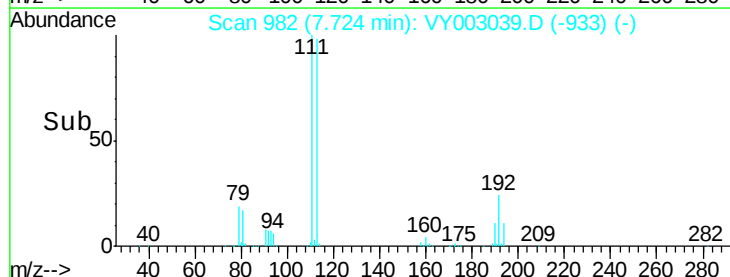
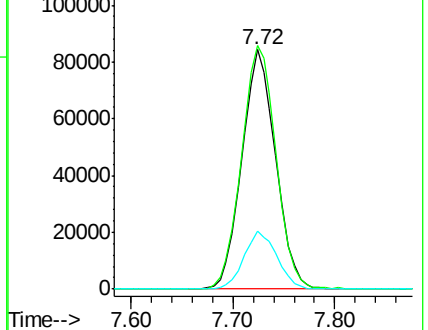
192 23.7 18.1 27.1

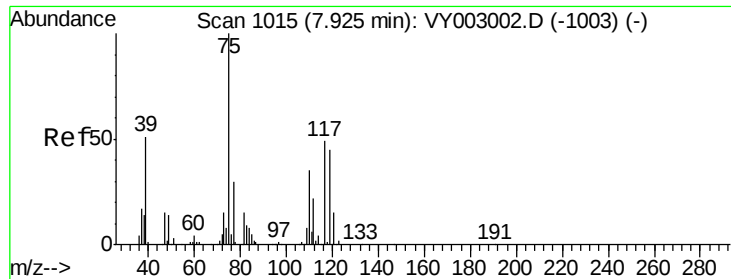


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.162 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003039.D

Acq: 30 Jun 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

SP2-I

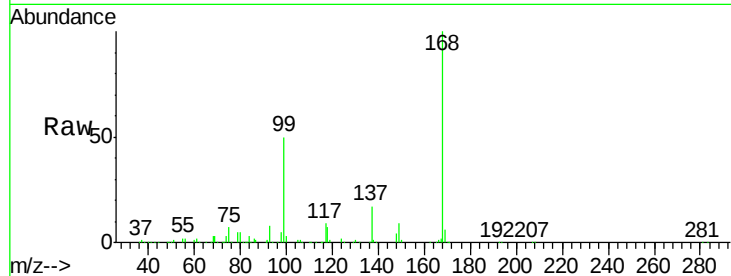
Tot Ion: 75 Resp: 23725

Ion Ratio Lower Upper

75 100

110 9.4 17.1 51.2#

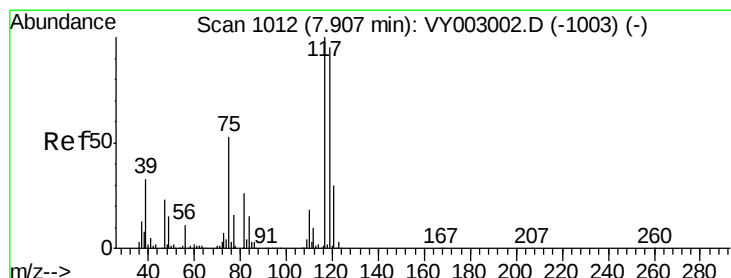
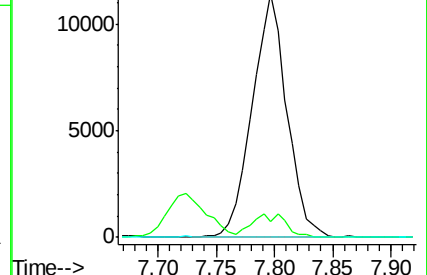
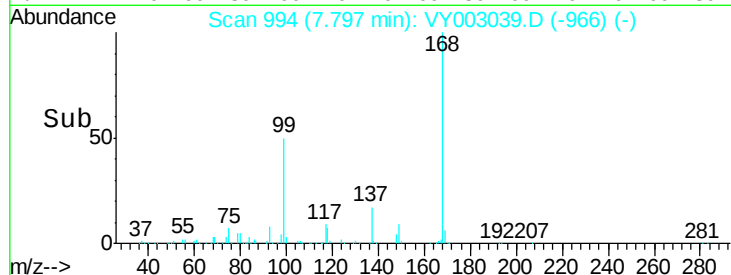
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VY003039.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY003039.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY003039.D (-966) (-)



#38

Carbon Tetrachloride

Concen: 5.572 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003039.D

Acq: 30 Jun 2020 16:51

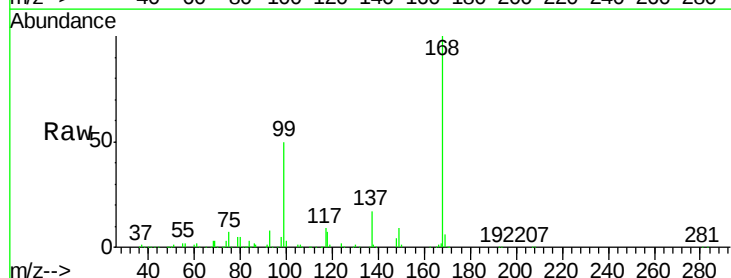
Tgt Ion: 117 Resp: 33046

Ion Ratio Lower Upper

117 100

119 5.7 75.7 113.5#

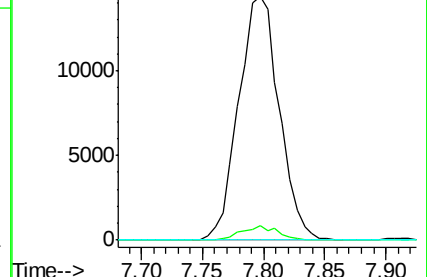
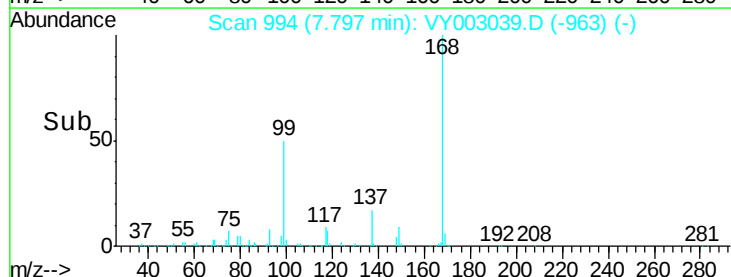
121 0.0 23.9 35.9#

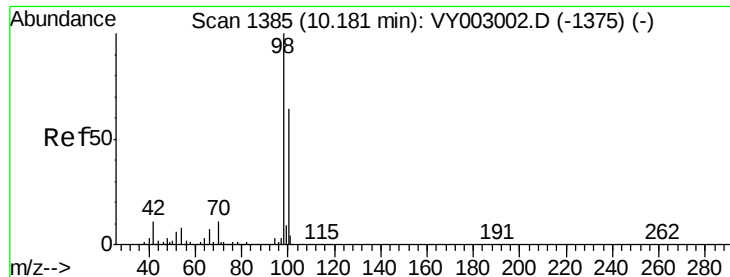


Abundance Ion 116.80 (116.50 to 117.50): VY003039.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY003039.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY003039.D (-963) (-)





#50

Toluene-d8

Concen: 51.075 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003039.D

Acq: 30 Jun 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

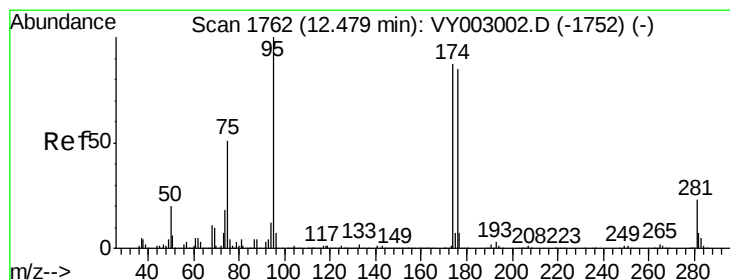
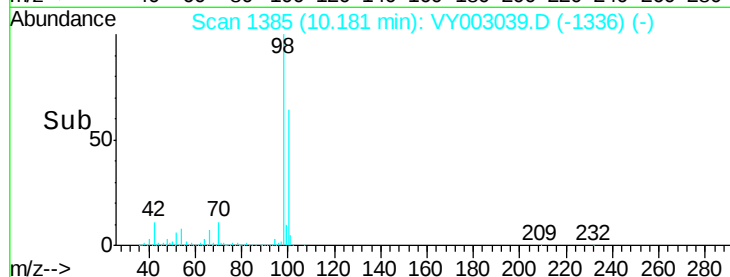
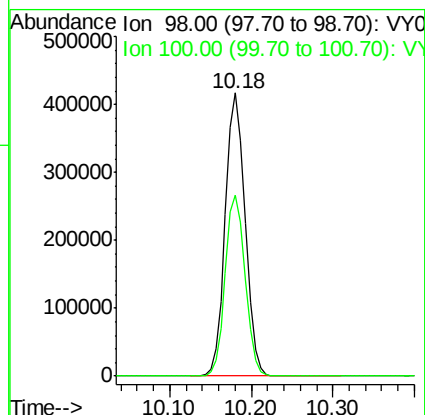
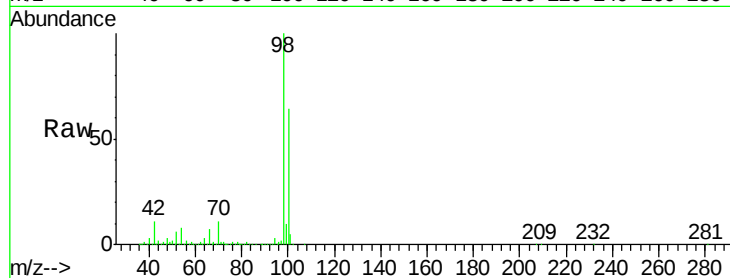
SP2-I

Tot Ion: 98 Resp: 702484

Ion Ratio Lower Upper

98 100

100 64.3 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 49.958 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003039.D

Acq: 30 Jun 2020 16:51

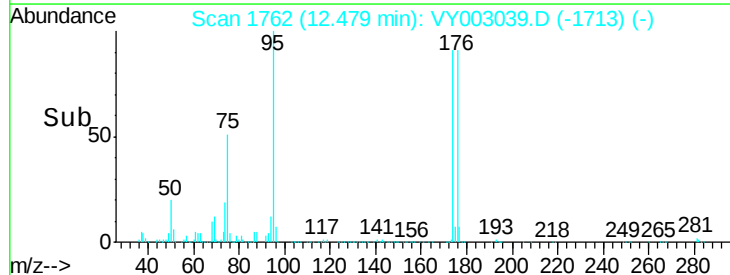
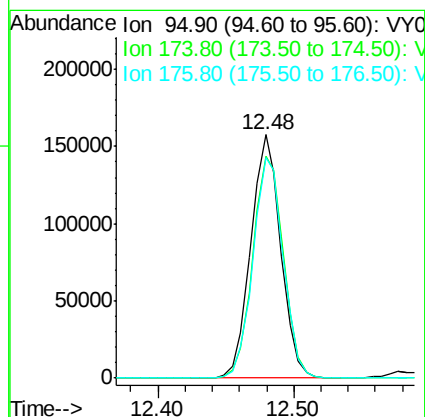
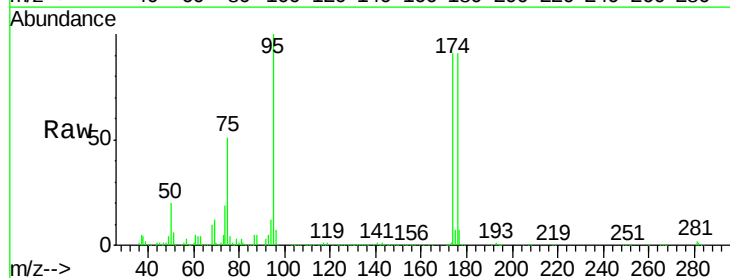
Tgt Ion: 95 Resp: 241868

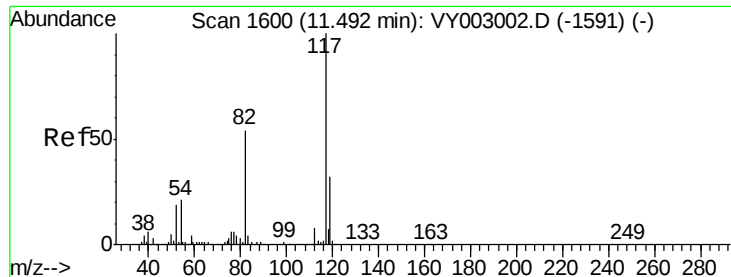
Ion Ratio Lower Upper

95 100

174 93.7 0.0 184.8

176 92.2 0.0 183.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003039.D

Acq: 30 Jun 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

SP2-I

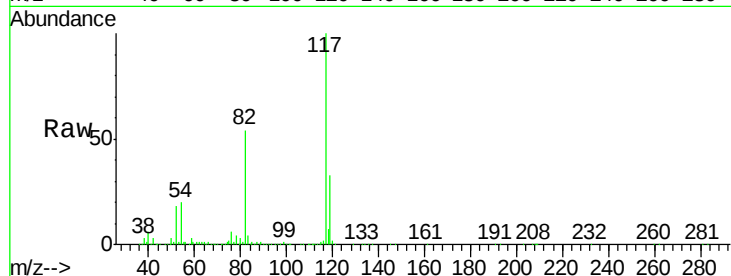
Tot Ion:117 Resp: 550756

Ion Ratio Lower Upper

117 100

82 53.8 43.0 64.6

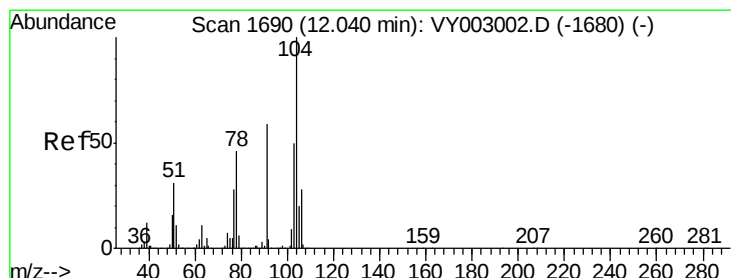
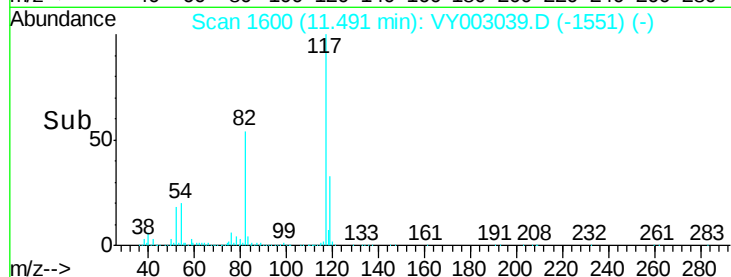
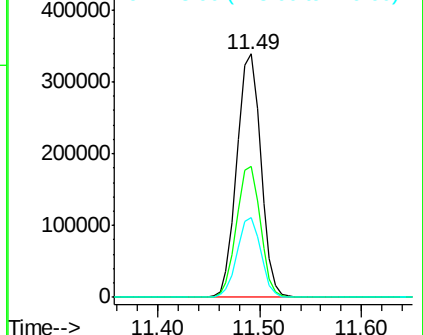
119 32.8 25.8 38.8



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



#70

Styrene

Concen: 5.248 ug/l

RT: 12.04 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VY003039.D

Acq: 30 Jun 2020 16:51

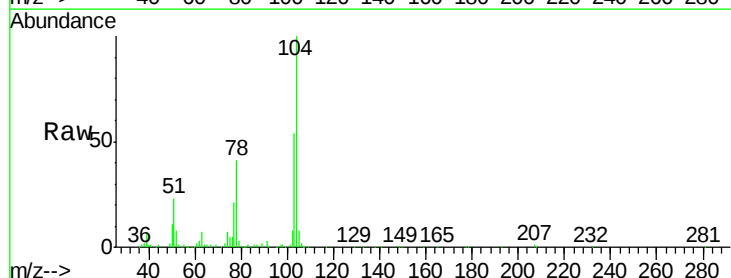
Tgt Ion:104 Resp: 62470

Ion Ratio Lower Upper

104 100

78 42.2 40.4 60.6

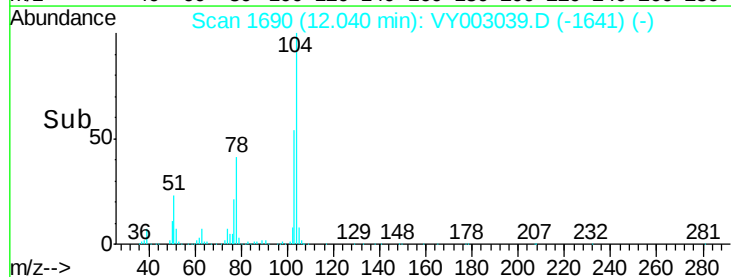
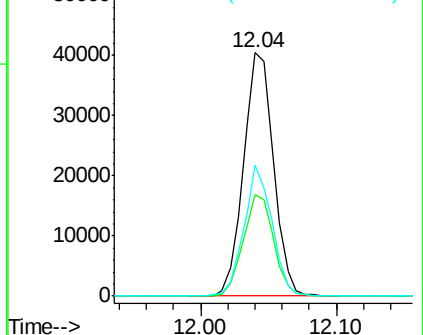
103 50.1 44.1 66.1

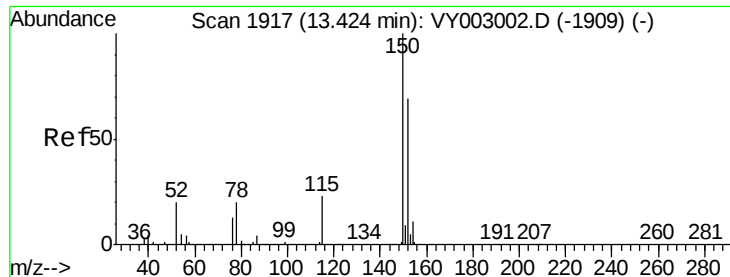


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VY0

Ion 103.00 (102.70 to 103.70): V



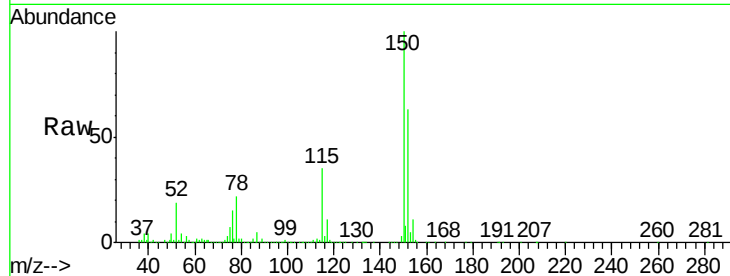


#72

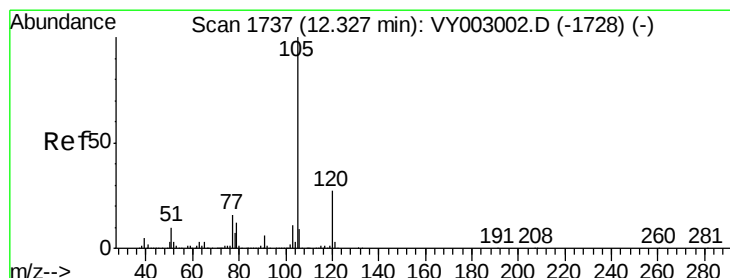
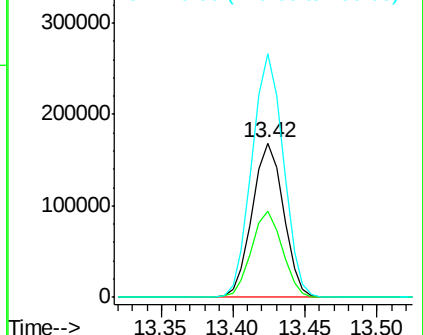
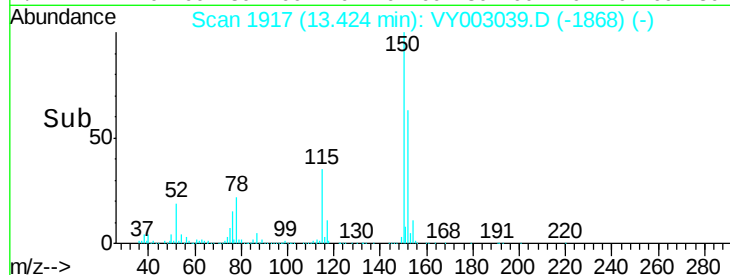
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003039.D
Acq: 30 Jun 2020 16:51

Instrument :
MSVOA_Y
ClientSampleId :
SP2-I

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.3	81.9
150	158.5	0.0	343.4



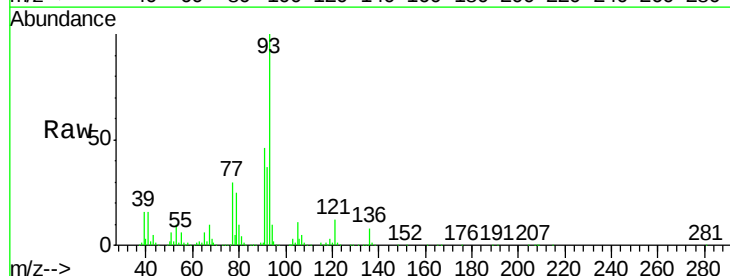
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



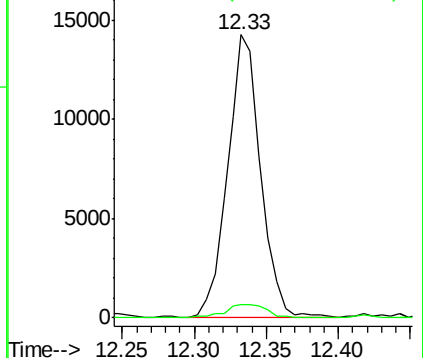
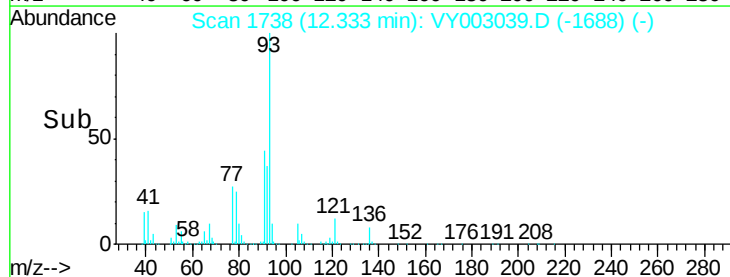
#73

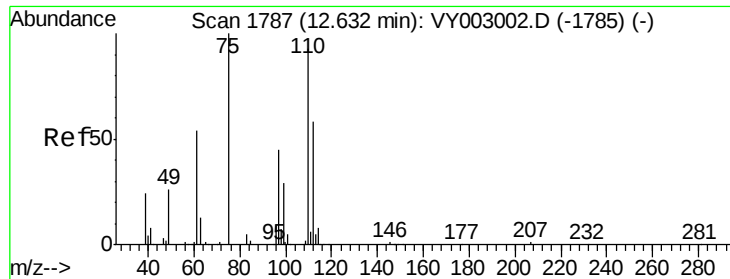
Isopropylbenzene
Concen: 1.374 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VY003039.D
Acq: 30 Jun 2020 16:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	6.0	13.4	40.1#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 49.406 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003039.D

Acq: 30 Jun 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

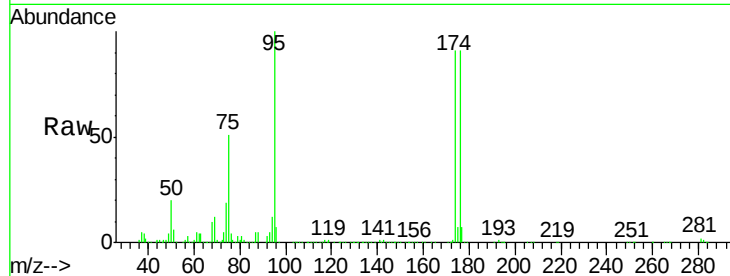
SP2-I

Tot Ion: 75 Resp: 124288

Ion Ratio Lower Upper

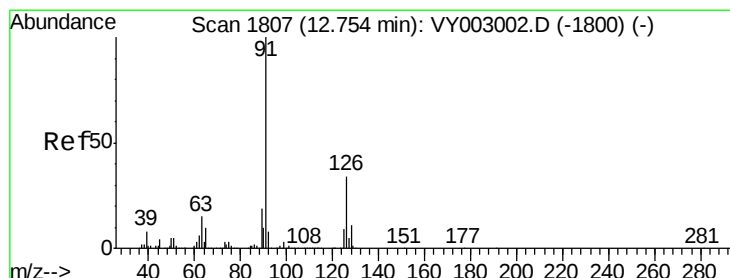
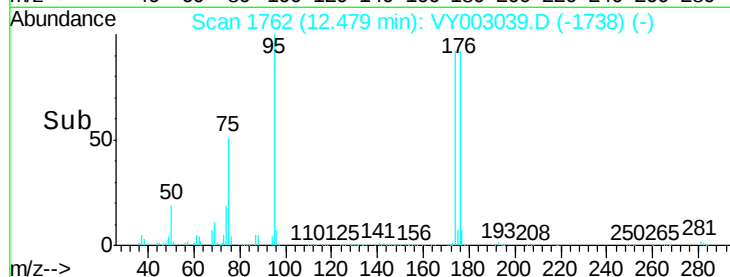
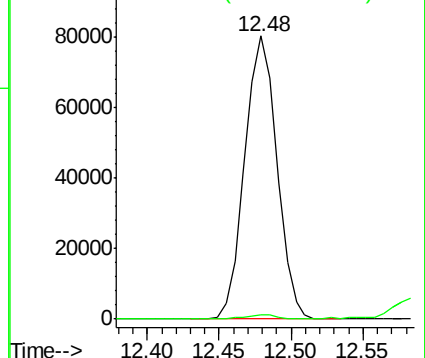
75 100

77 1.4 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: 3.062 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003039.D

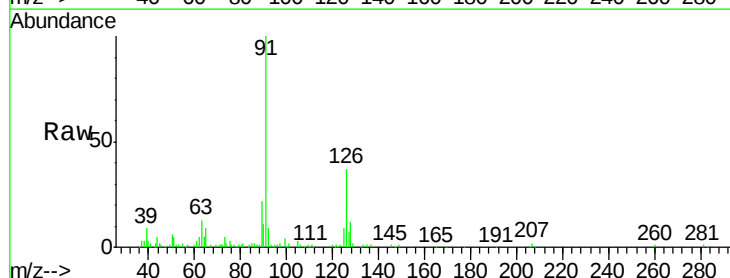
Acq: 30 Jun 2020 16:51

Tgt Ion: 91 Resp: 34195

Ion Ratio Lower Upper

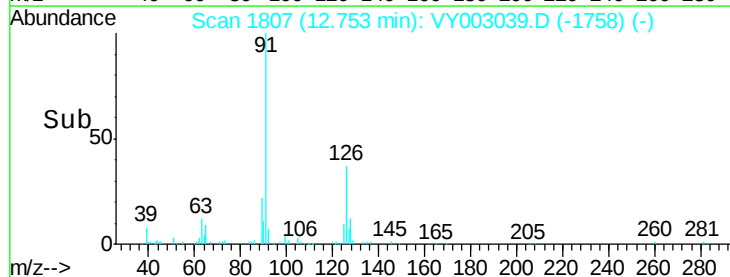
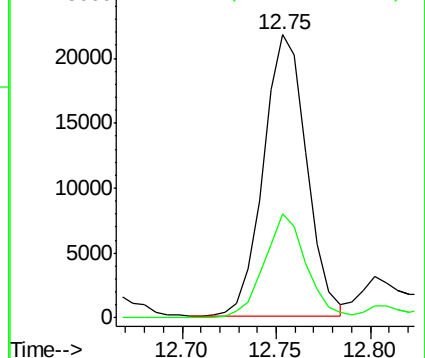
91 100

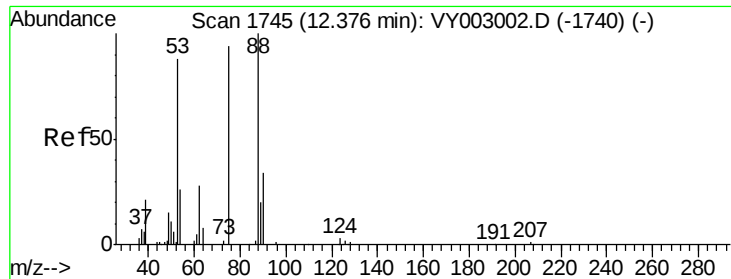
126 36.3 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

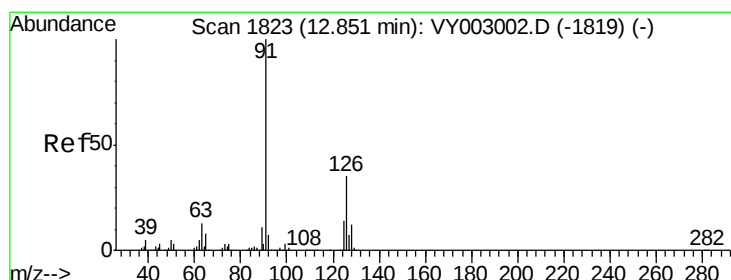
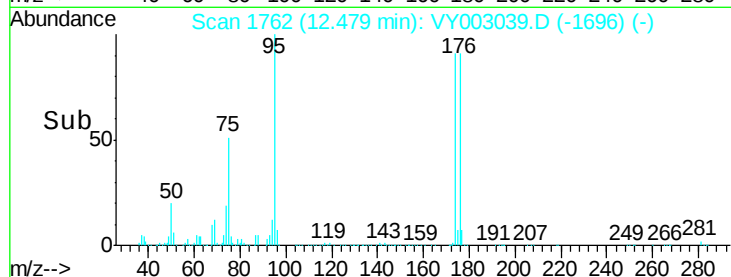
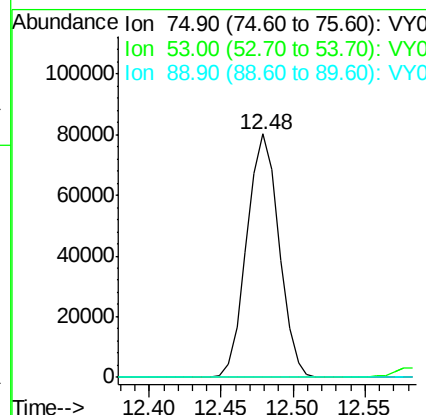
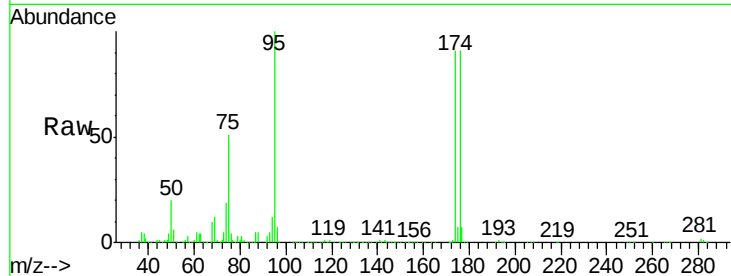




#81
trans-1,4-Dichloro-2-butene
Concen: 96.123 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003039.D
Acq: 30 Jun 2020 16:51

Instrument :
MSVOA_Y
ClientSampleId :
SP2-I

Tot Ion: 75 Resp: 124288
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 37.5 56.3#



#82
4-Chlorotoluene
Concen: 5.977 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY003039.D
Acq: 30 Jun 2020 16:51

Tgt Ion: 91 Resp: 69489
Ion Ratio Lower Upper
91 100
126 35.3 17.4 52.3

