

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY102219\
 Data File : VY000374.D
 Acq On : 22 Oct 2019 19:11
 Operator : SY/MD
 Sample : K5494-07
 Misc : 8.14G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP92-2FT

Quant Time: Oct 23 08:05:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

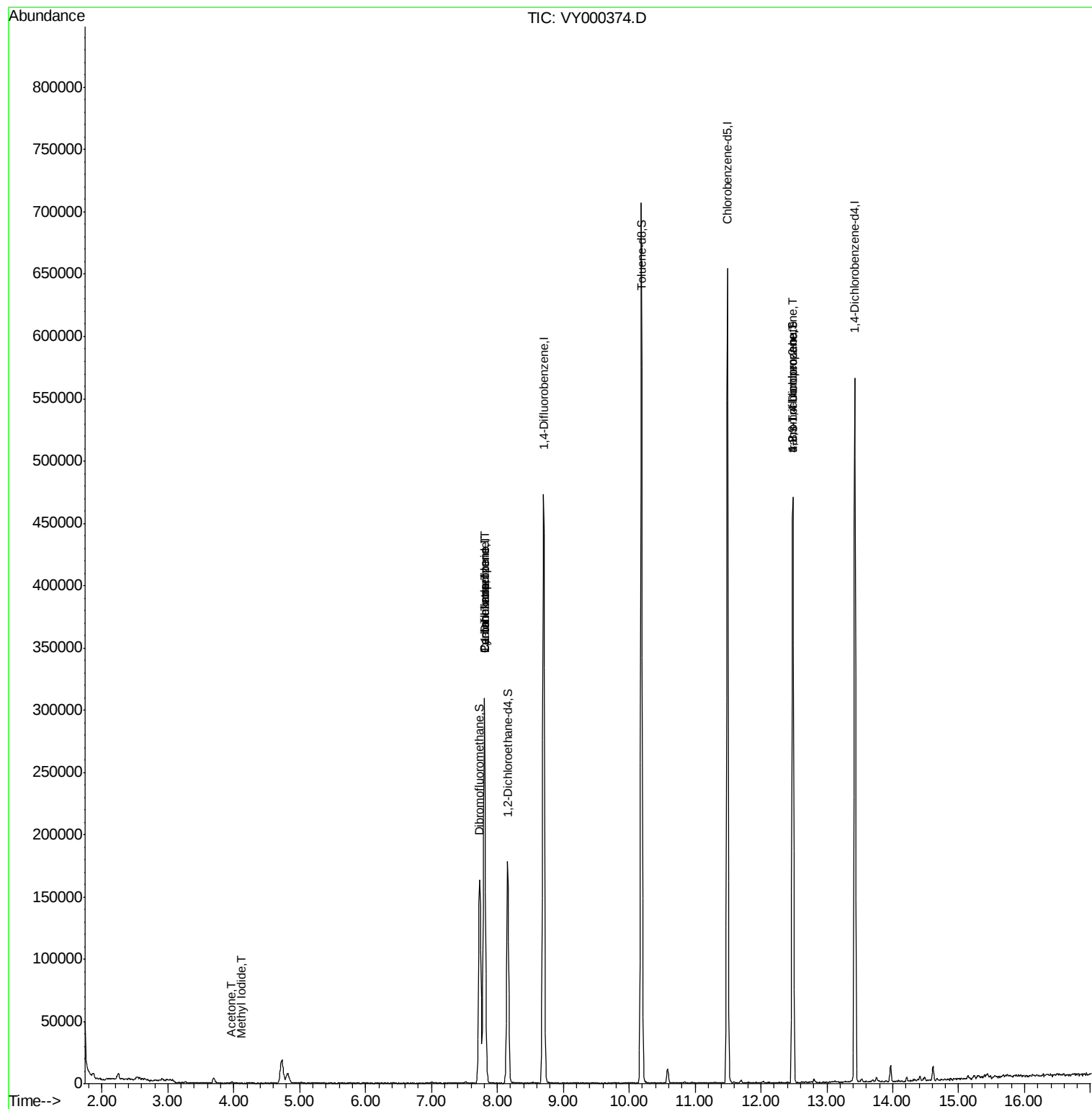
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	240665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	408391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	346525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	137168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	135782	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
35) Dibromofluoromethane	7.73	113	116248	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
50) Toluene-d8	10.19	98	468361	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.49	95	141414	39.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.56%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	19	Below Cal	#	41
10) Methyl Iodide	4.12	142	39	1.197	ug/l #	41
16) Acetone	3.96	43	1610	1.958	ug/l #	84
20) Methylene Chloride	4.74	84	14756	Below Cal		93
31) Cyclohexane	7.80	56	5191	1.069	ug/l #	13
36) 1,1-Dichloropropene	7.81	75	18141	4.537	ug/l #	50
38) Carbon Tetrachloride	7.81	117	22843	5.900	ug/l #	18
76) 1,2,3-Trichloropropane	12.48	75	75705	44.884	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	75705	98.204	ug/l #	14

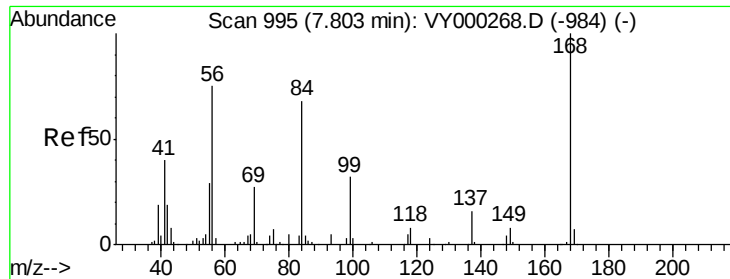
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY102219\
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Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000374.D

Acq: 22 Oct 2019 19:11

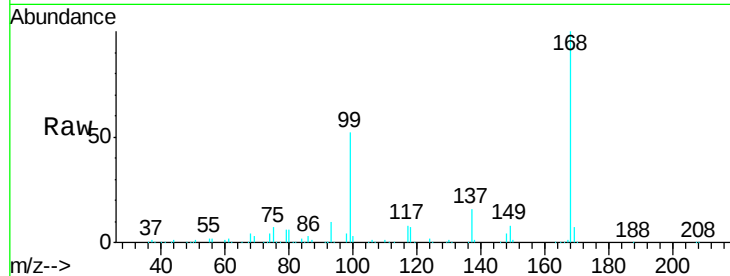
Instrument :
MSVOA_Y
ClientSampleId :
TP92-2FT

Tgt Ion: 168 Resp: 240665

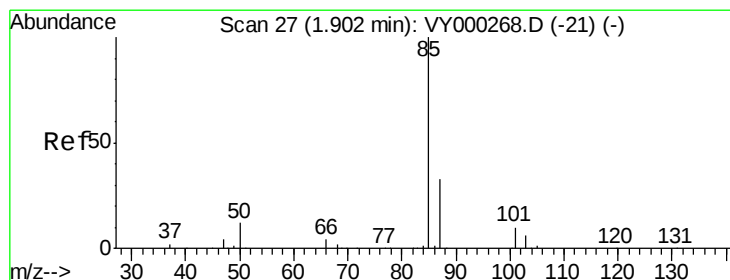
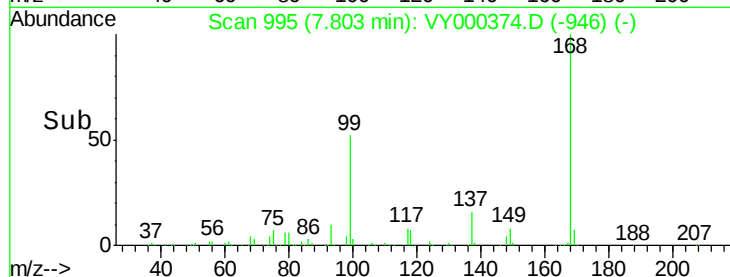
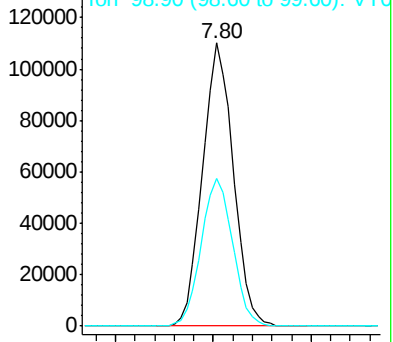
Ion Ratio Lower Upper

168 100

99 52.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 42

Delta R.T. 0.09 min

Lab File: VY000374.D

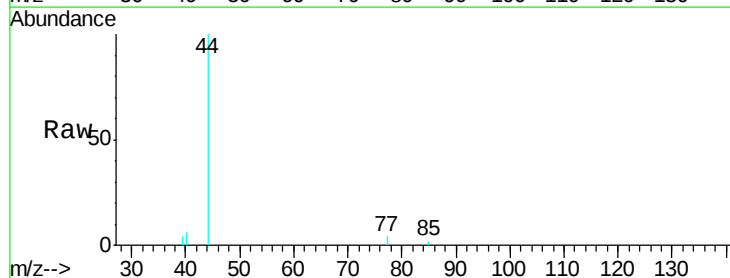
Acq: 22 Oct 2019 19:11

Tgt Ion: 85 Resp: 19

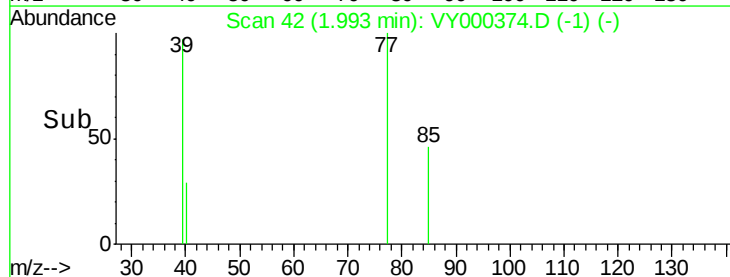
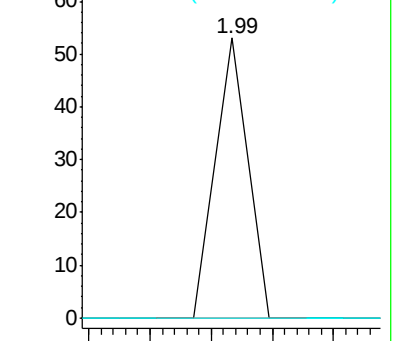
Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000268.D (-21) (-)

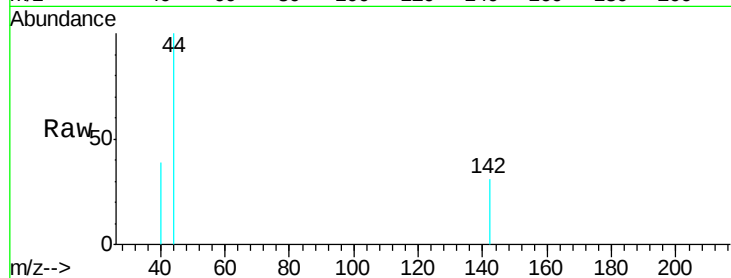




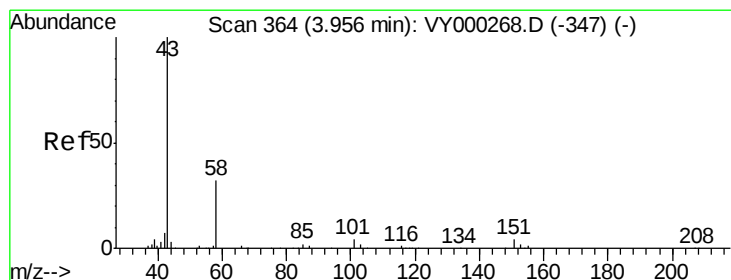
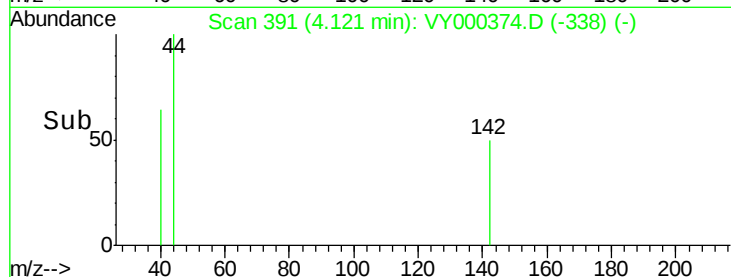
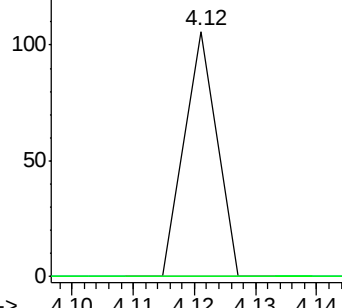
#10
Methyl Iodide
Concen: 1.197 ug/l
RT: 4.12 min Scan# 391
Delta R.T. 0.02 min
Lab File: VY000374.D
Acq: 22 Oct 2019 19:11

Instrument :
MSVOA_Y
ClientSampled :
TP92-2FT

Tgt Ion: 142 Resp: 39
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.2 16.8#

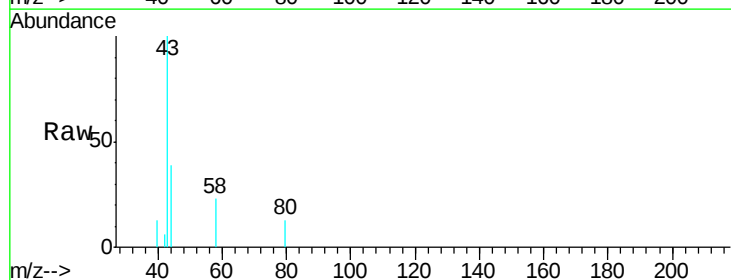


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

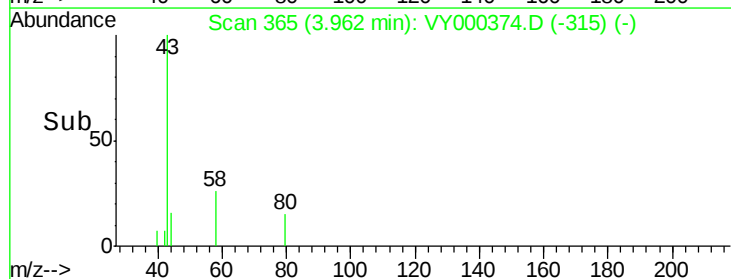
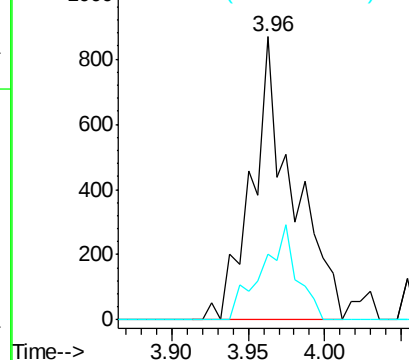


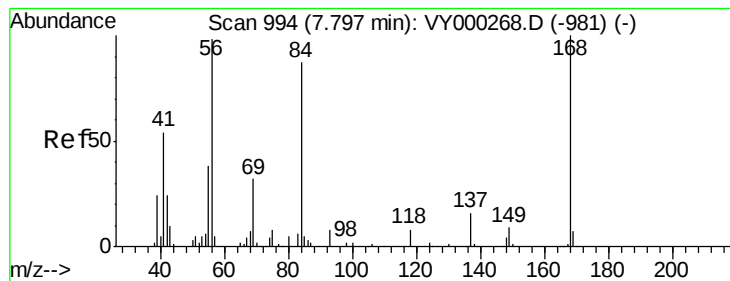
#16
Acetone
Concen: 1.958 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000374.D
Acq: 22 Oct 2019 19:11

Tgt Ion: 43 Resp: 1610
Ion Ratio Lower Upper
43 100
58 23.4 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0





#31

Cyclohexane

Concen: 1.069 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY000374.D

Acq: 22 Oct 2019 19:11

Instrument :

MSVOA_Y

ClientSampleId :

TP92-2FT

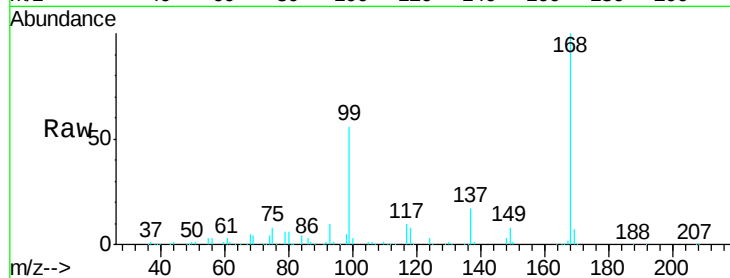
Tgt Ion: 56 Resp: 5191

Ion Ratio Lower Upper

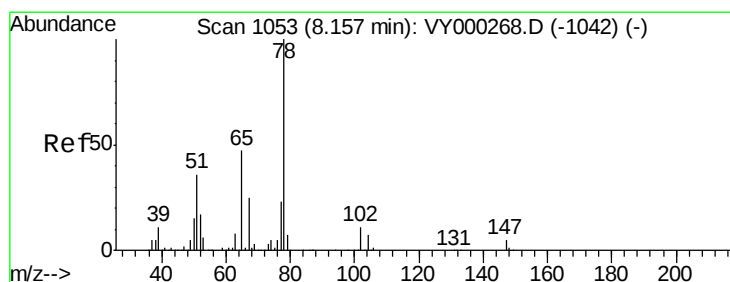
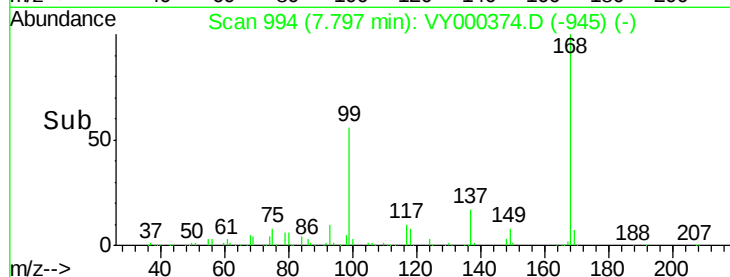
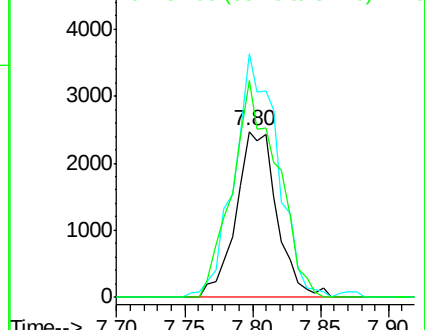
56 100

69 144.4 26.3 39.5#

84 130.8 70.8 106.2#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 53.486 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY000374.D

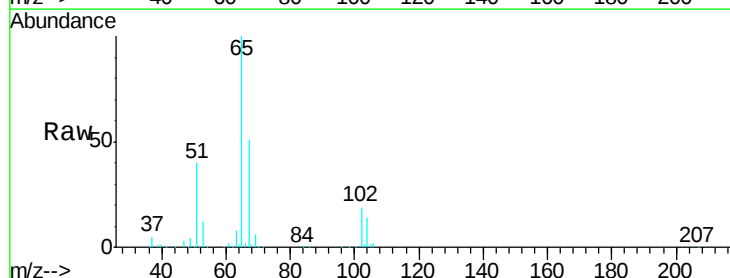
Acq: 22 Oct 2019 19:11

Tgt Ion: 65 Resp: 135782

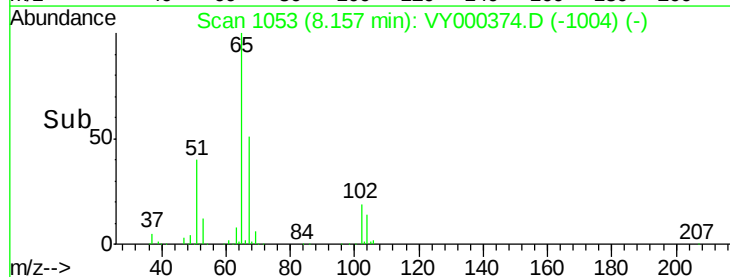
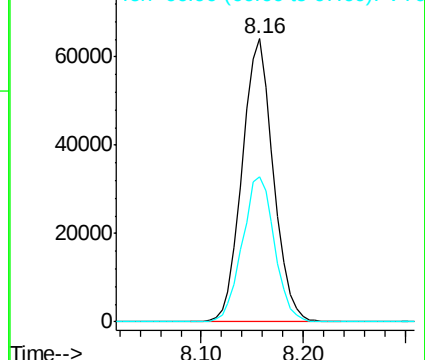
Ion Ratio Lower Upper

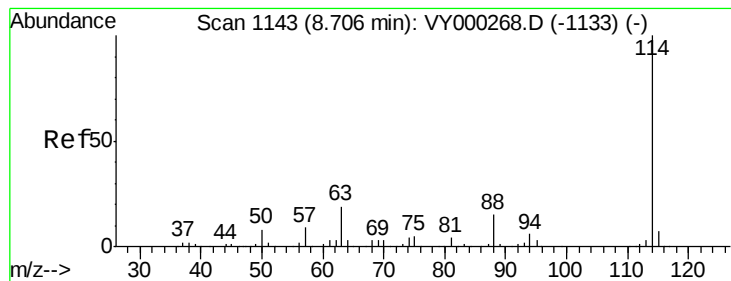
65 100

67 53.0 0.0 109.4



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: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000374.D

Acq: 22 Oct 2019 19:11

Instrument :

MSVOA_Y

ClientSampleId :

TP92-2FT

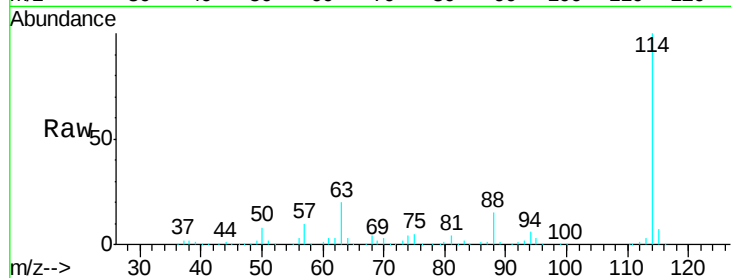
Tgt Ion:114 Resp: 408391

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.2

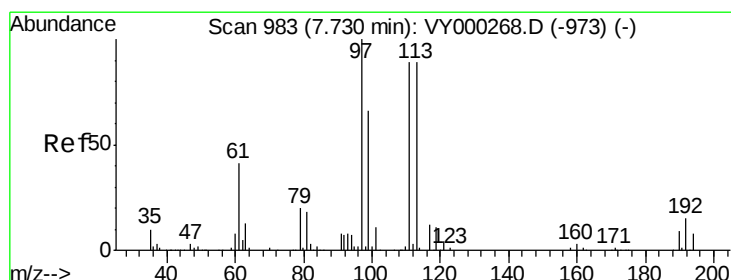
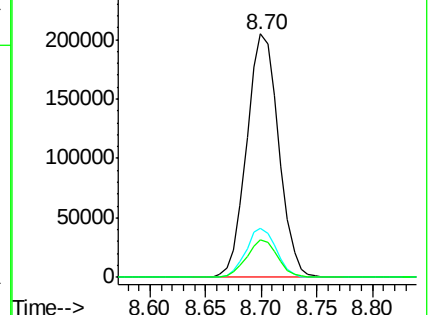
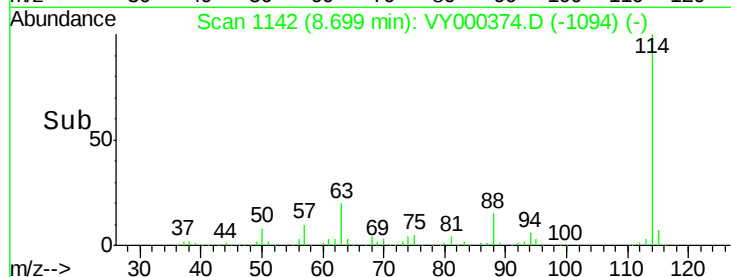
88 15.2 0.0 30.2



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: 47.189 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000374.D

Acq: 22 Oct 2019 19:11

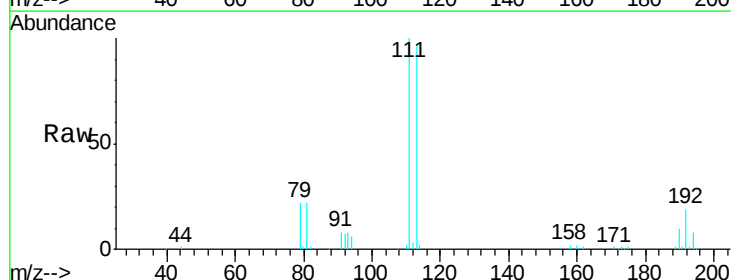
Tgt Ion:113 Resp: 116248

Ion Ratio Lower Upper

113 100

111 103.7 81.6 122.4

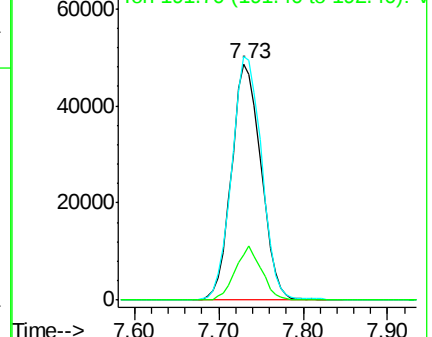
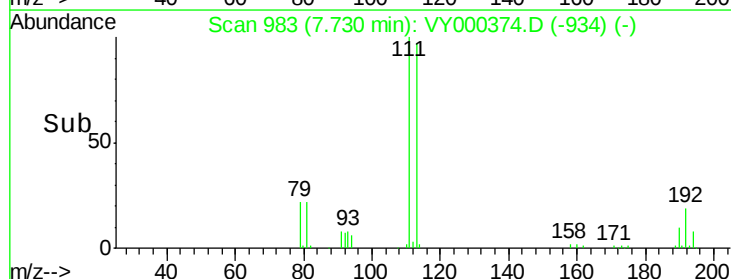
192 20.3 15.3 22.9

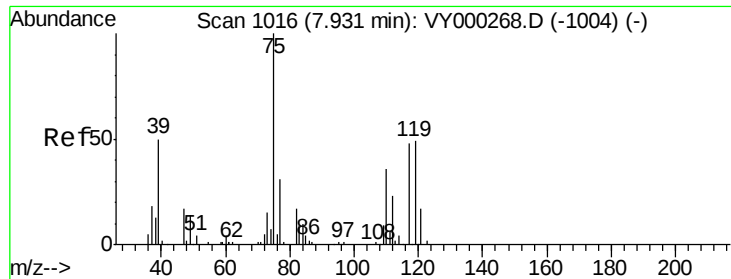


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

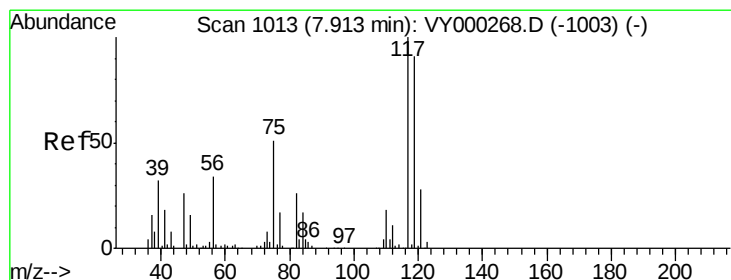
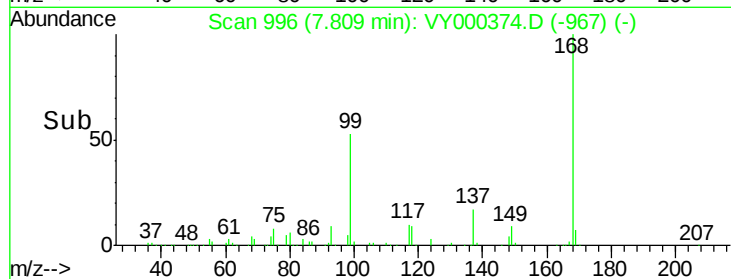
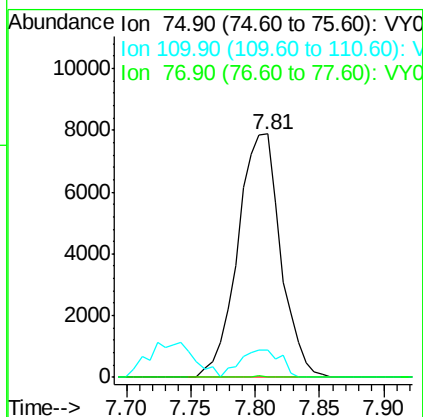
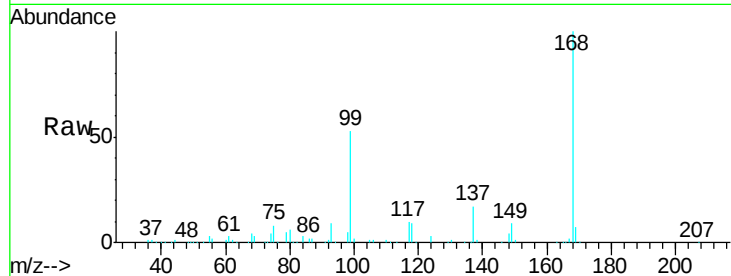




#36
 1,1-Dichloropropene
 Concen: 4.537 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY000374.D
 Acq: 22 Oct 2019 19:11

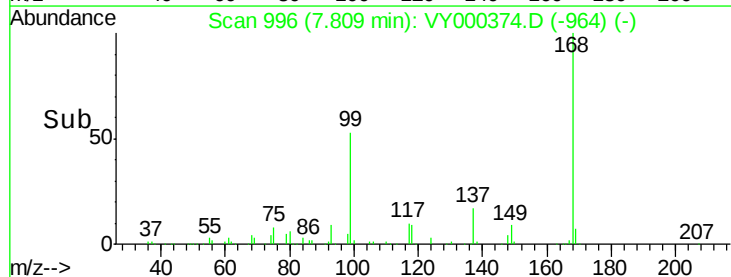
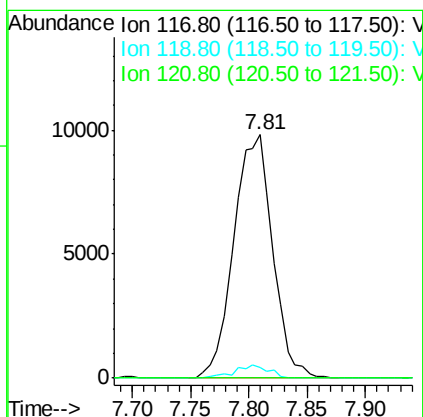
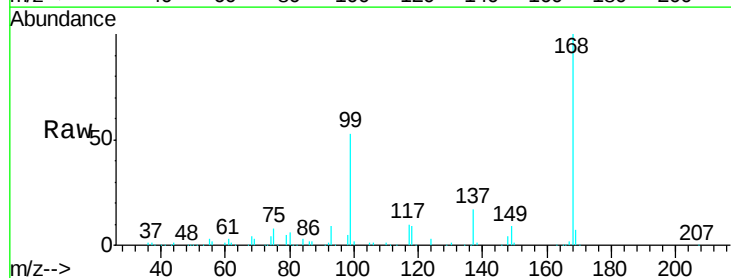
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP92-2FT

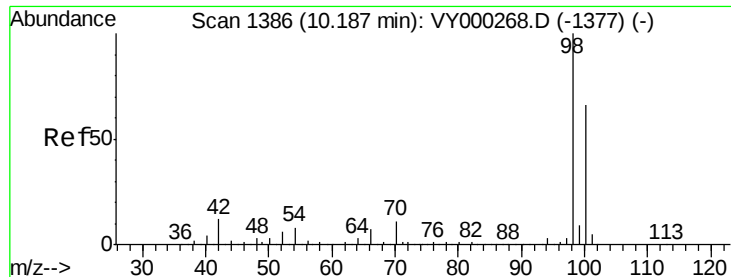
Tgt Ion: 75 Resp: 18141
 Ion Ratio Lower Upper
 75 100
 110 10.7 18.4 55.4#
 77 0.1 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.900 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.10 min
 Lab File: VY000374.D
 Acq: 22 Oct 2019 19:11

Tgt Ion: 117 Resp: 22843
 Ion Ratio Lower Upper
 117 100
 119 4.4 72.8 109.2#
 121 0.0 22.2 33.2#





#50

Toluene-d8

Concen: 49.425 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000374.D

Acq: 22 Oct 2019 19:11

Instrument :

MSVOA_Y

ClientSampleId :

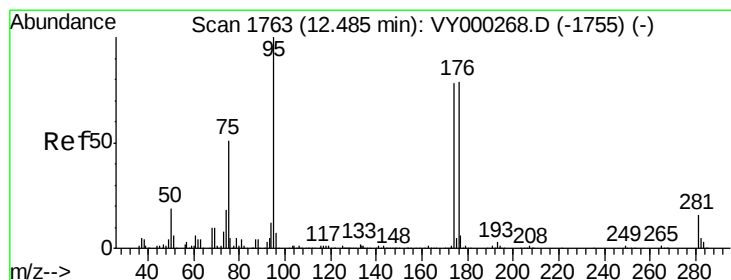
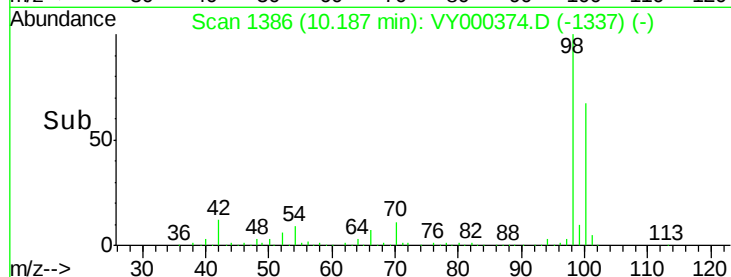
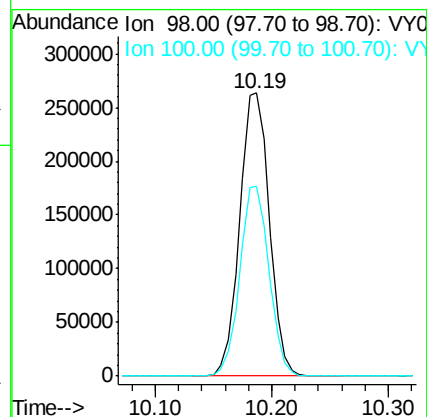
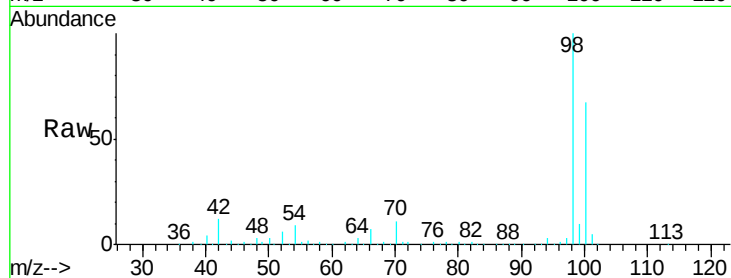
TP92-2FT

Tgt Ion: 98 Resp: 468361

Ion Ratio Lower Upper

98 100

100 66.0 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 39.280 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY000374.D

Acq: 22 Oct 2019 19:11

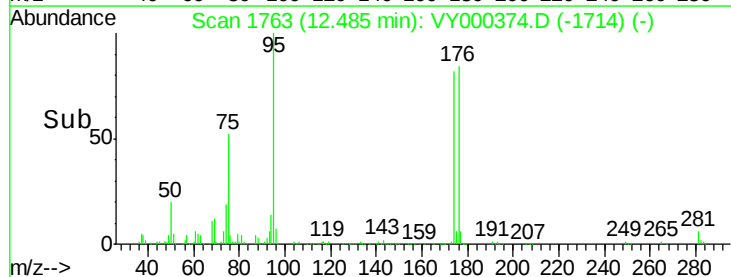
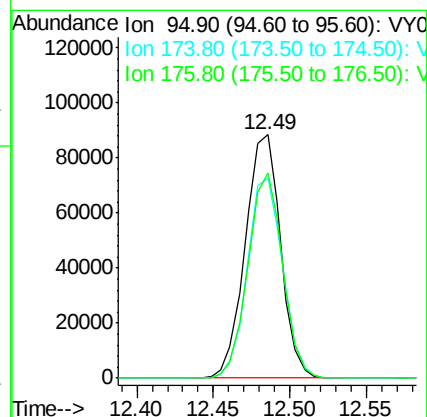
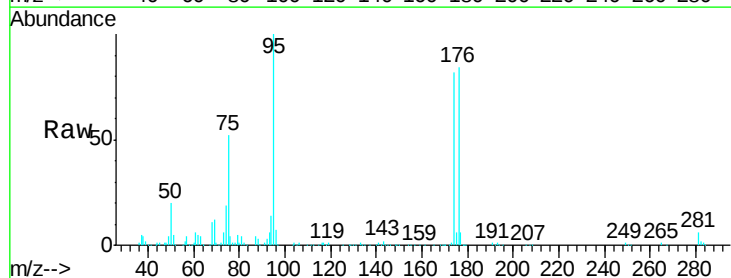
Tgt Ion: 95 Resp: 141414

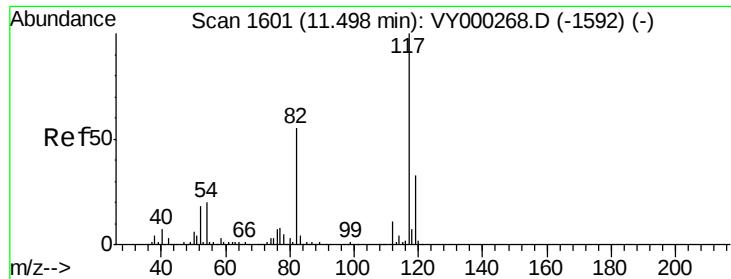
Ion Ratio Lower Upper

95 100

174 82.7 0.0 159.6

176 82.7 0.0 153.8

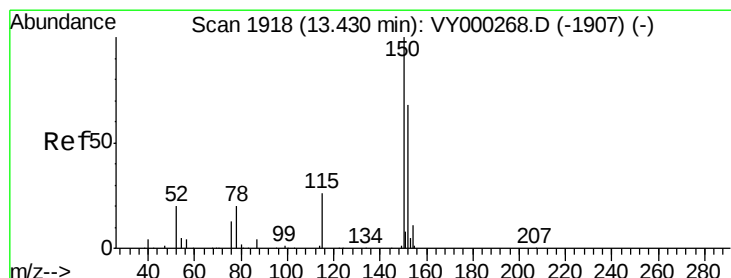
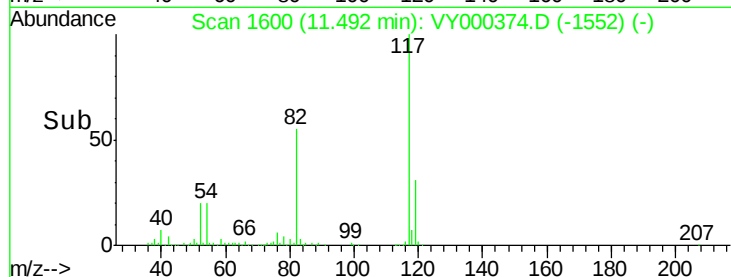
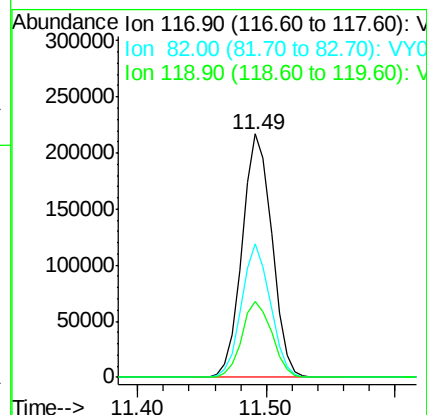
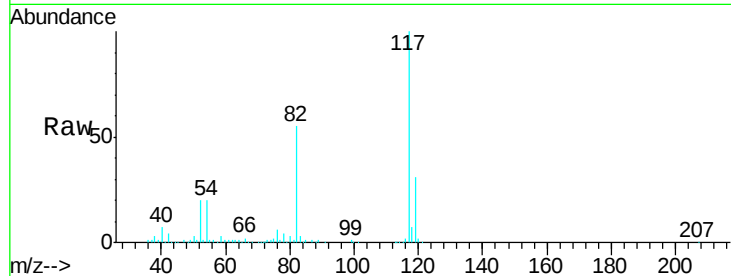




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000374.D
Acq: 22 Oct 2019 19:11

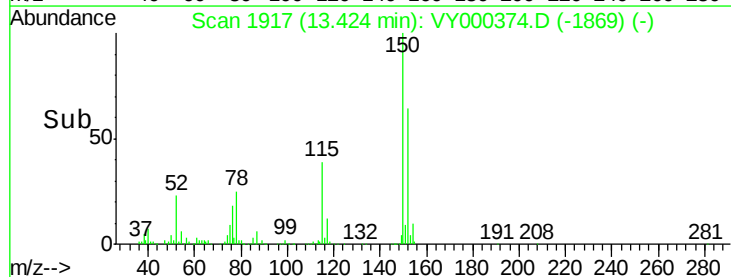
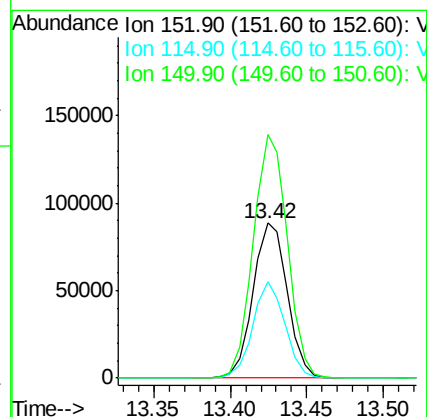
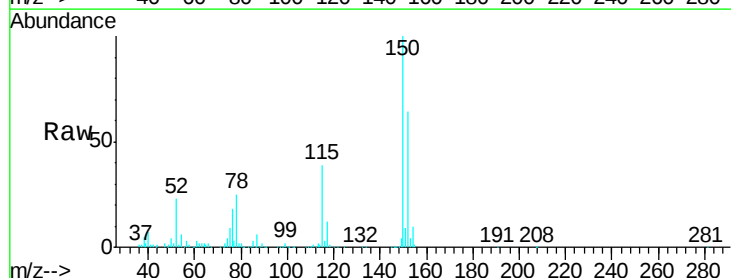
Instrument :
MSVOA_Y
ClientSampled :
TP92-2FT

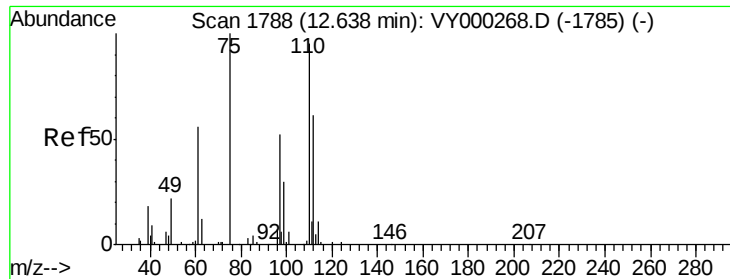
Tgt Ion:117 Resp: 346525
Ion Ratio Lower Upper
117 100
82 55.0 43.7 65.5
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000374.D
Acq: 22 Oct 2019 19:11

Tgt Ion:152 Resp: 137168
Ion Ratio Lower Upper
152 100
115 58.6 29.3 88.0
150 157.4 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 44.884 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000374.D

Acq: 22 Oct 2019 19:11

Instrument :

MSVOA_Y

ClientSampled :

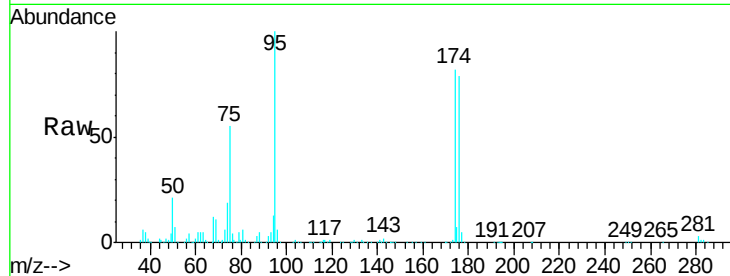
TP92-2FT

Tgt Ion: 75 Resp: 75705

Ion Ratio Lower Upper

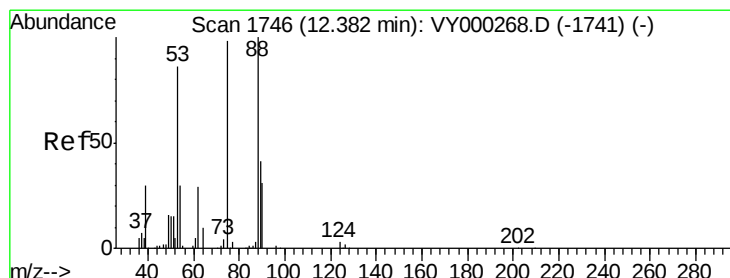
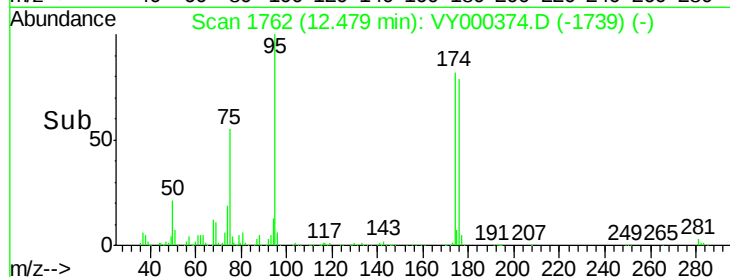
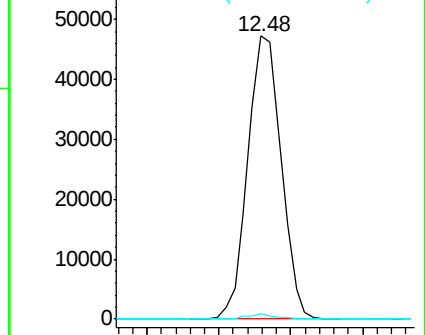
75 100

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: 98.204 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000374.D

Acq: 22 Oct 2019 19:11

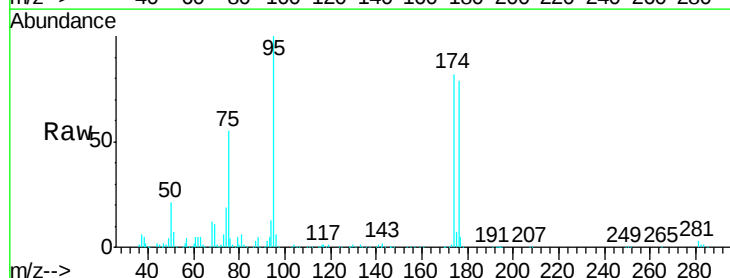
Tgt Ion: 75 Resp: 75705

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.1 35.1 52.7#



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

