

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
 Data File : VY000951.D
 Acq On : 16 Dec 2019 13:20
 Operator : SY/MD
 Sample : K6118-06
 Misc : 5.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-121319

Quant Time: Dec 17 06:04:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	230676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	432671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	386324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165365	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	139373	56.86	ug/l	0.00
Spiked Amount			Recovery	=	113.72%	
35) Dibromofluoromethane	7.72	113	127078	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
50) Toluene-d8	10.18	98	513180	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.48	95	167254	44.18	ug/l	0.00
Spiked Amount			Recovery	=	88.36%	

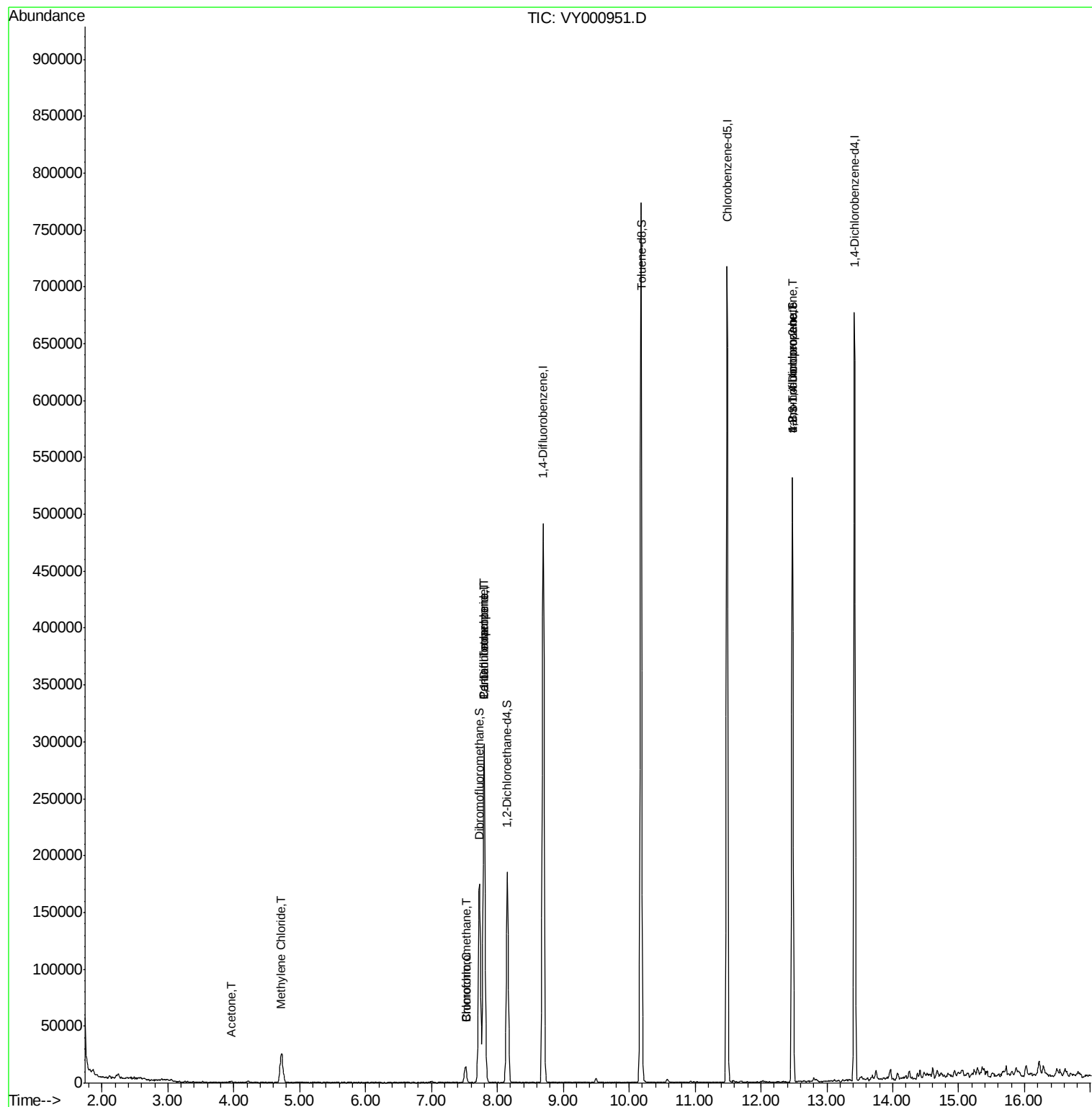
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.63	94	34	Below Cal	#	3
16) Acetone	3.96	43	1430	2.543	ug/l #	76
20) Methylene Chloride	4.72	84	18602	6.276	ug/l	95
28) Bromochloromethane	7.52	49	1107	2.605	ug/l #	15
30) Chloroform	7.52	83	14509	2.944	ug/l	88
36) 1,1-Dichloropropene	7.80	75	17733	4.122	ug/l #	49
38) Carbon Tetrachloride	7.80	117	22408	5.849	ug/l #	13
76) 1,2,3-Trichloropropane	12.48	75	82195	43.871	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	82195	86.175	ug/l #	17

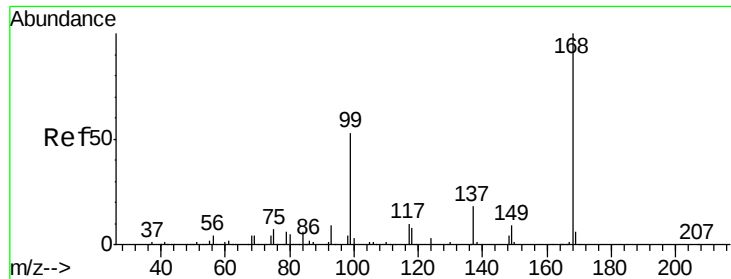
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000951.D

Acq: 16 Dec 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

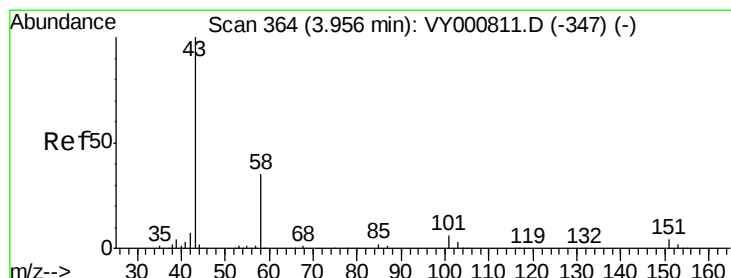
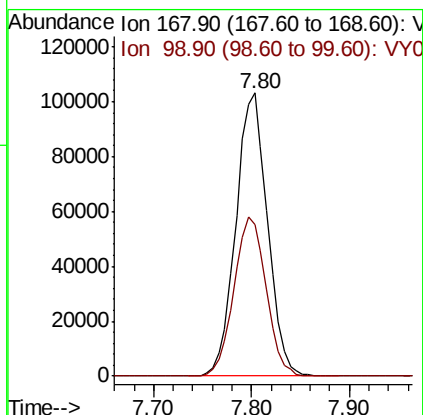
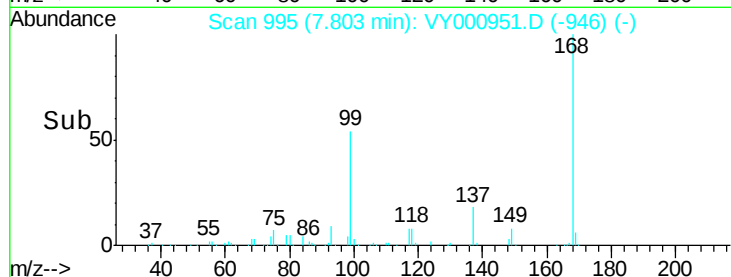
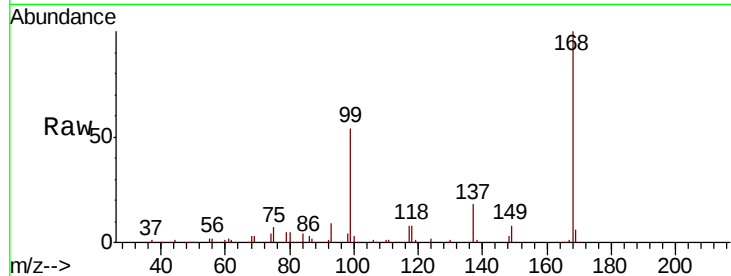
SU-03-121319

Tgt Ion: 168 Resp: 230676

Ion Ratio Lower Upper

168 100

99 53.7 45.0 67.6



#16

Acetone

Concen: 2.543 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000951.D

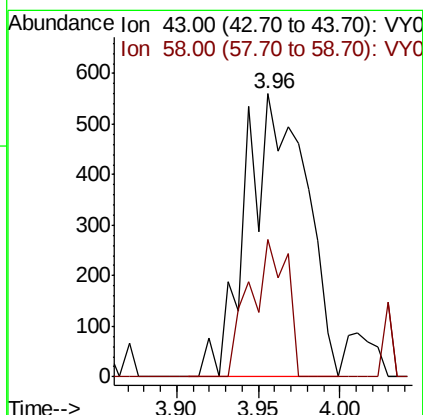
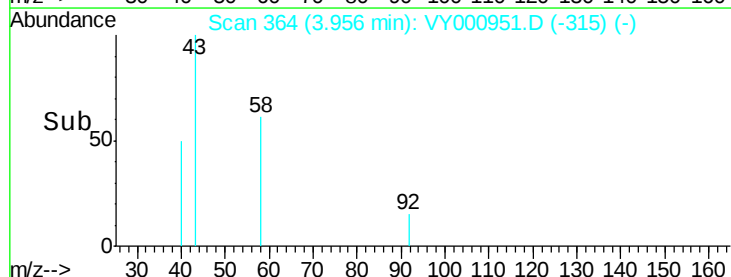
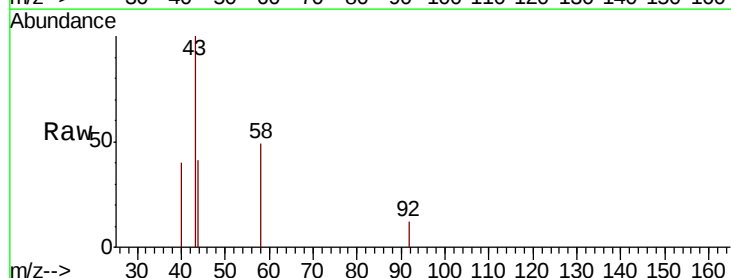
Acq: 16 Dec 2019 13:20

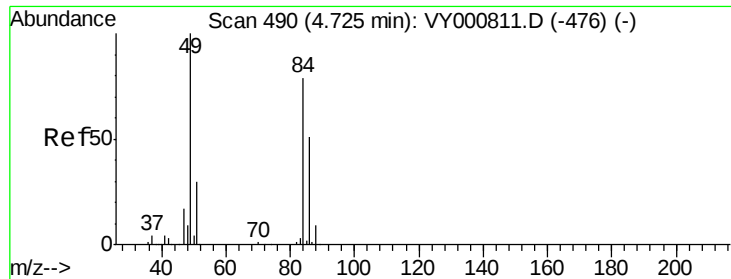
Tgt Ion: 43 Resp: 1430

Ion Ratio Lower Upper

43 100

58 48.8 28.0 42.0#

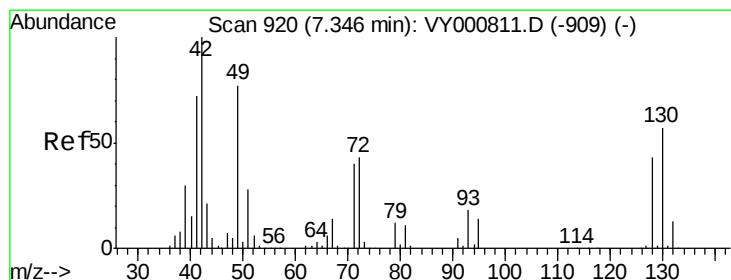
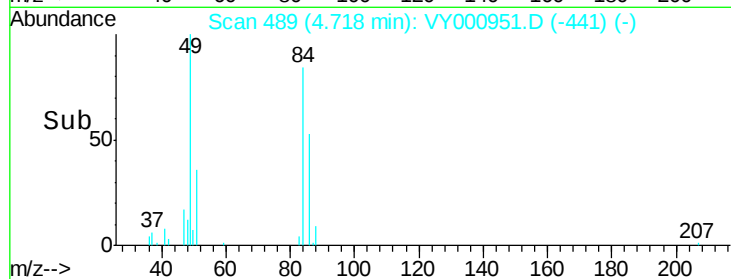
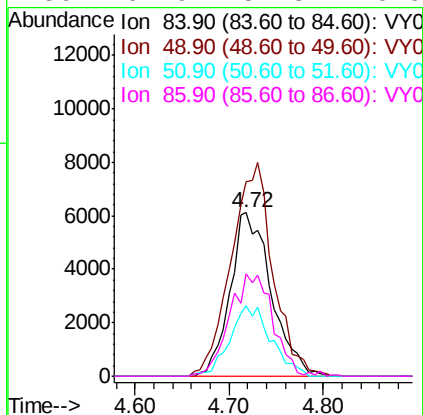
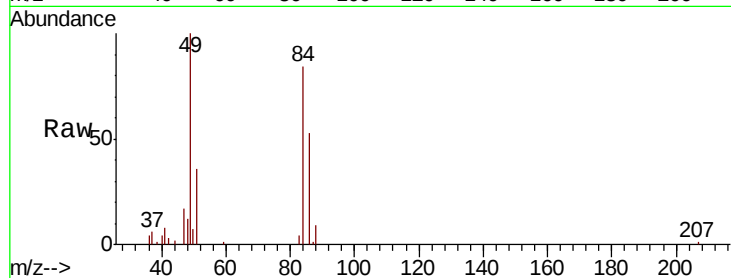




#20
Methylene Chloride
Concen: 6.276 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000951.D
Acq: 16 Dec 2019 13:20

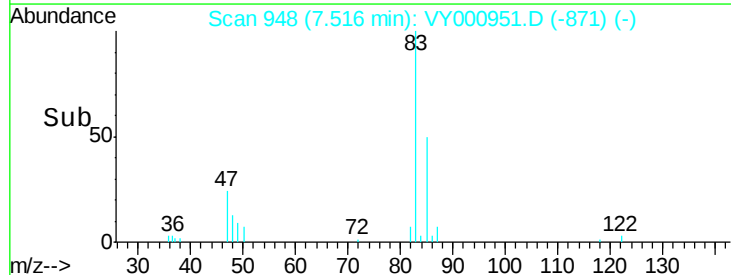
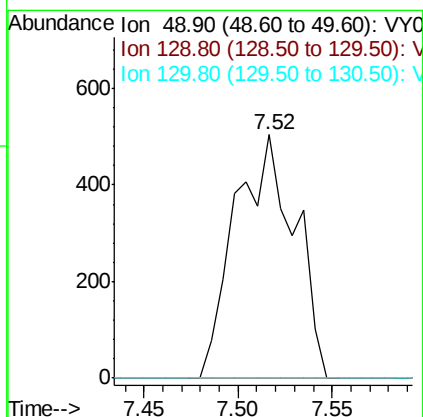
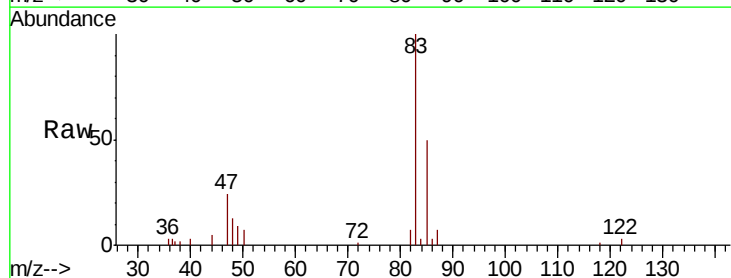
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-121319

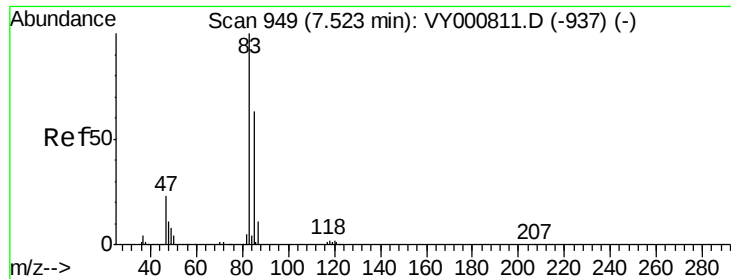
Tgt Ion:	84	Resp:	18602
Ion	Ratio	Lower	Upper
84	100		
49	119.2	101.3	151.9
51	43.2	30.6	45.8
86	62.9	51.3	76.9



#28
Bromochloromethane
Concen: 2.605 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.17 min
Lab File: VY000951.D
Acq: 16 Dec 2019 13:20

Tgt Ion:	49	Resp:	1107
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	58.7	88.1#

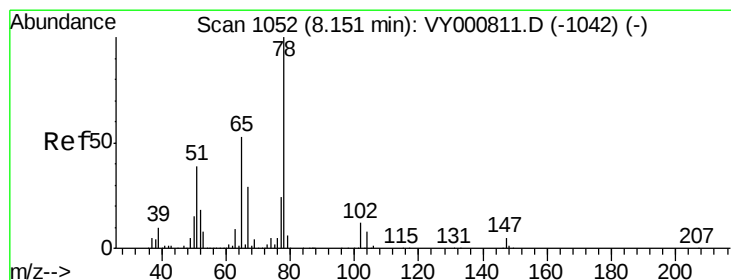
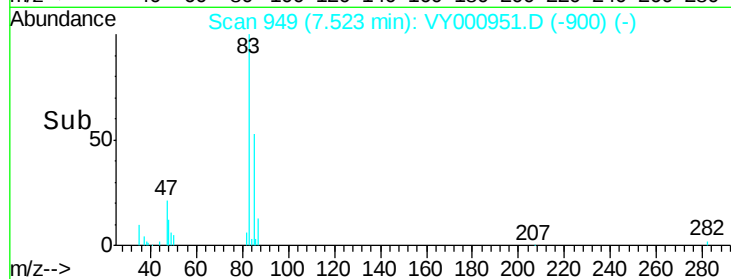
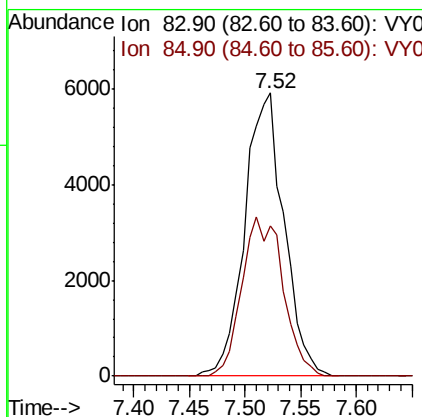
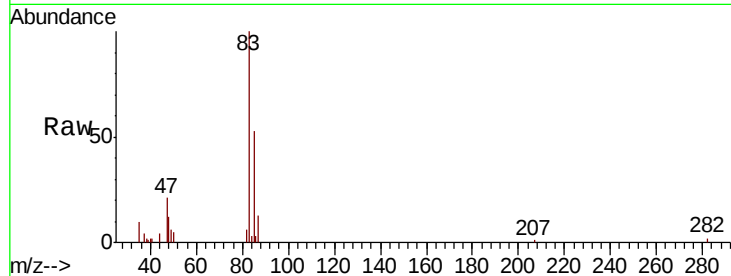




#30
Chloroform
Concen: 2.944 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000951.D
Acq: 16 Dec 2019 13:20

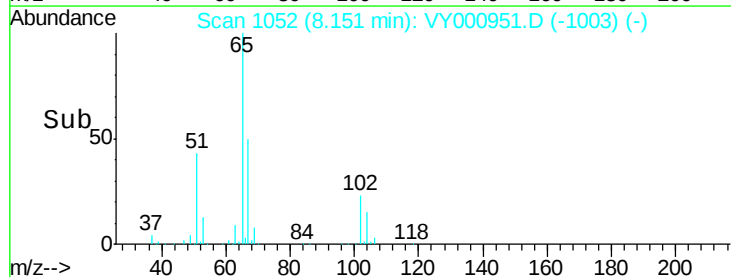
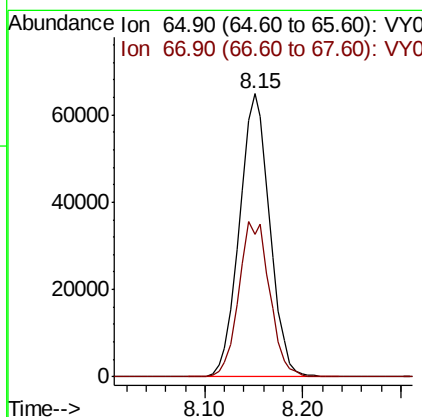
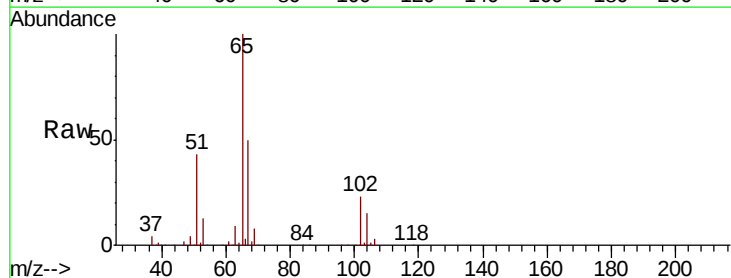
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-121319

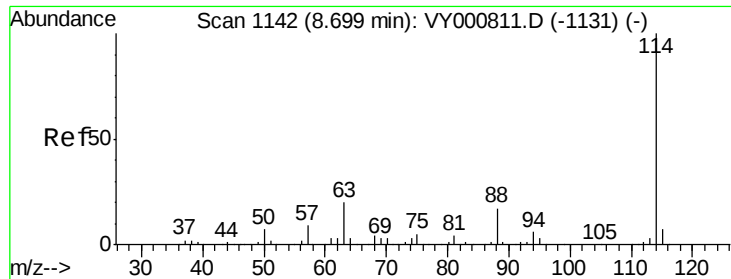
Tgt Ion: 83 Resp: 14509
Ion Ratio Lower Upper
83 100
85 53.3 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 56.861 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000951.D
Acq: 16 Dec 2019 13:20

Tgt Ion: 65 Resp: 139373
Ion Ratio Lower Upper
65 100
67 55.9 0.0 112.0

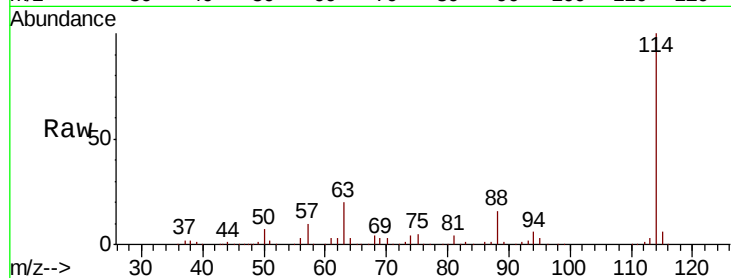




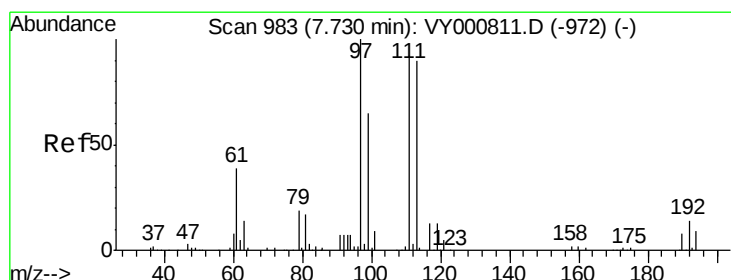
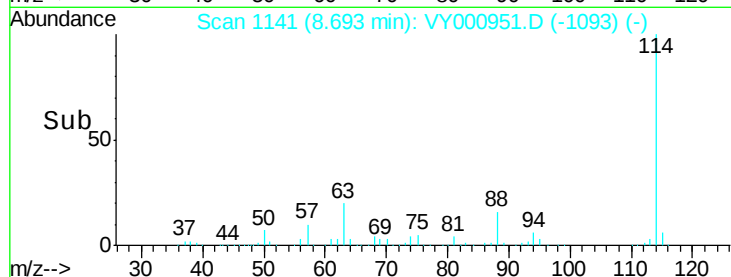
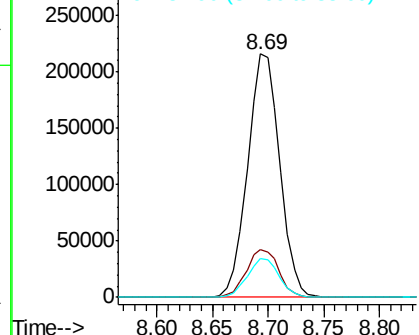
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000951.D
 Acq: 16 Dec 2019 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-121319

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.8
88	15.8	0.0	33.2

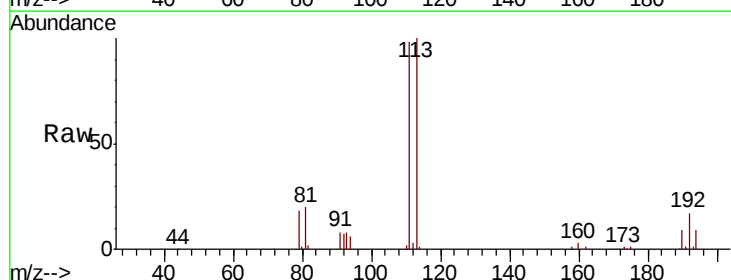


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

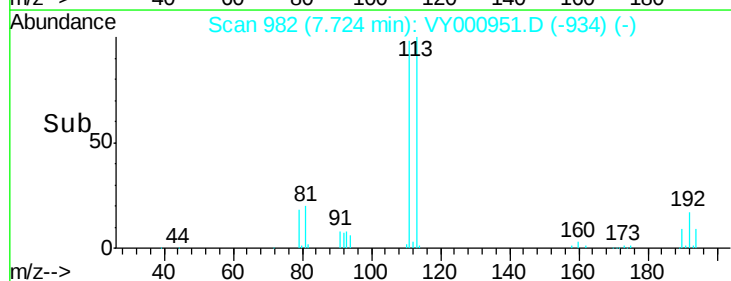
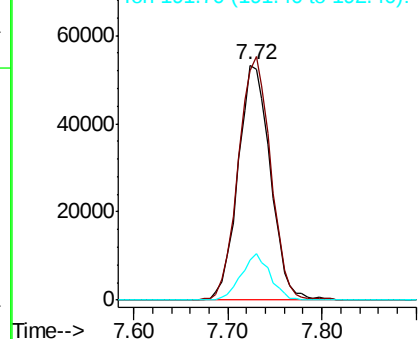


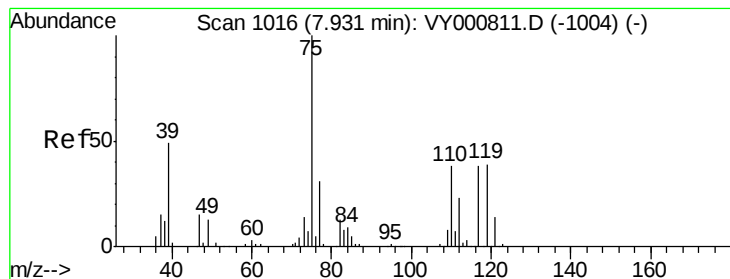
#35
 Dibromofluoromethane
 Concen: 50.396 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000951.D
 Acq: 16 Dec 2019 13:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	17.6	14.2	21.2



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: 4.122 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000951.D

Acq: 16 Dec 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-121319

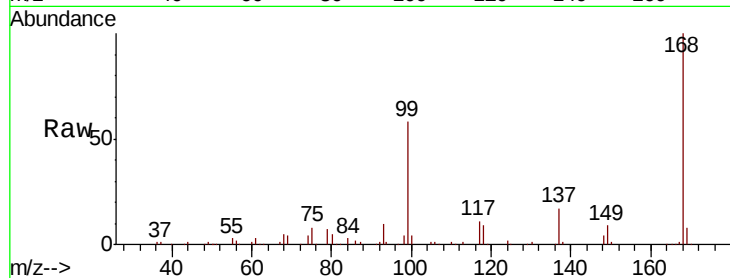
Tgt Ion: 75 Resp: 17733

Ion Ratio Lower Upper

75 100

110 8.5 17.9 53.7#

77 0.0 24.7 37.1#

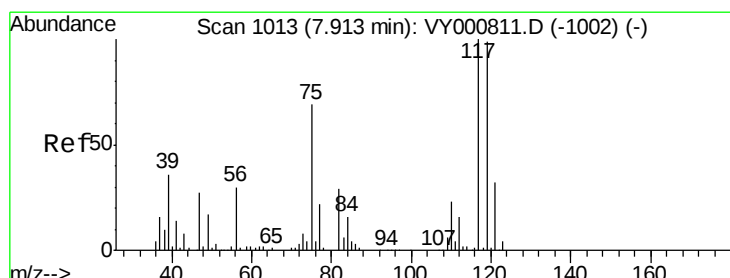
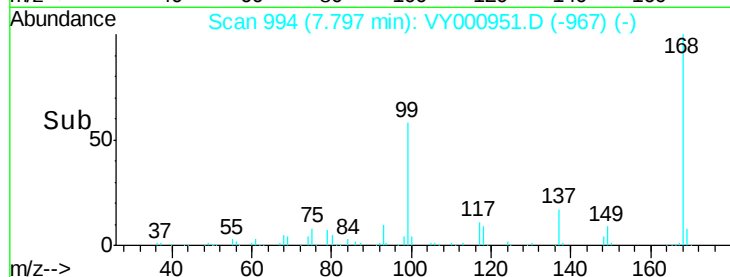


Abundance Ion 74.90 (74.60 to 75.60): VY000951.D (-967) (-)

Ion 109.90 (109.60 to 110.60): VY000951.D (-967) (-)

Ion 76.90 (76.60 to 77.60): VY000951.D (-967) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.849 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY000951.D

Acq: 16 Dec 2019 13:20

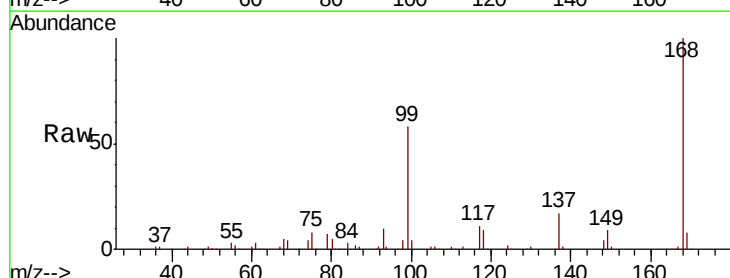
Tgt Ion: 117 Resp: 22408

Ion Ratio Lower Upper

117 100

119 3.1 79.3 118.9#

121 0.0 25.5 38.3#

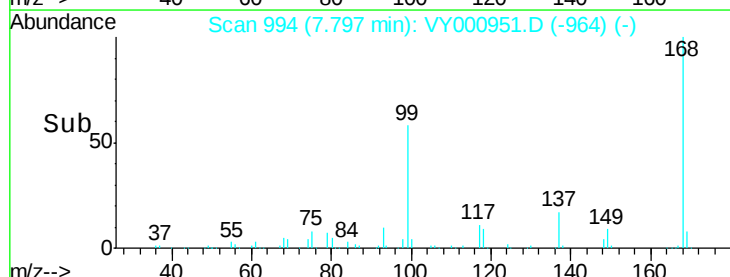


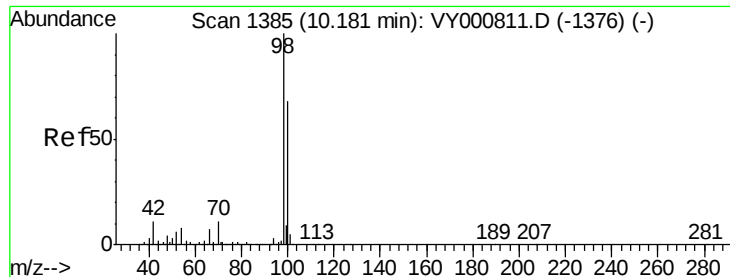
Abundance Ion 116.80 (116.50 to 117.50): VY000951.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY000951.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY000951.D (-964) (-)

Time-->





#50

Toluene-d8

Concen: 50.904 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000951.D

Acq: 16 Dec 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

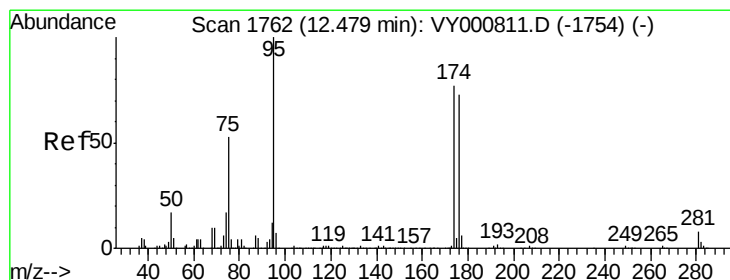
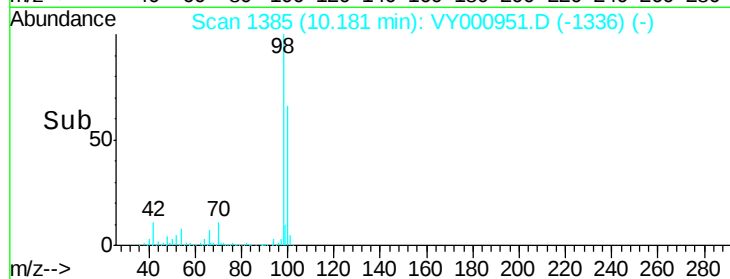
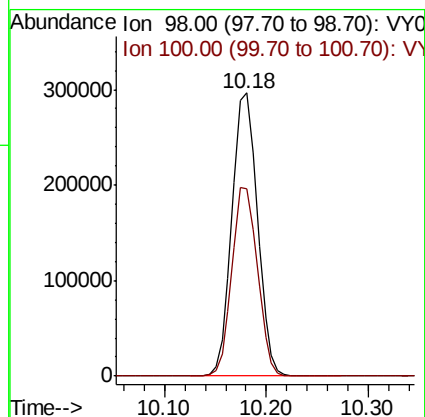
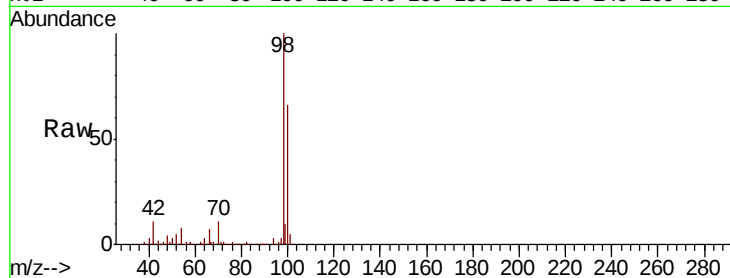
SU-03-121319

Tgt Ion: 98 Resp: 513180

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.177 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000951.D

Acq: 16 Dec 2019 13:20

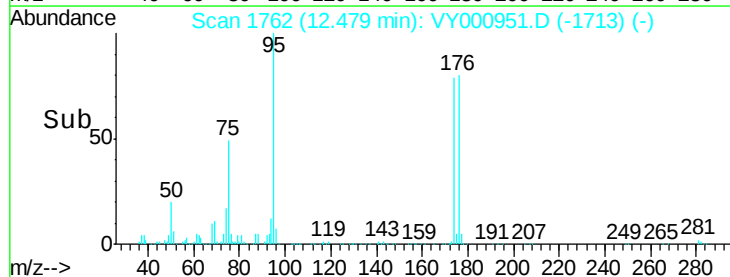
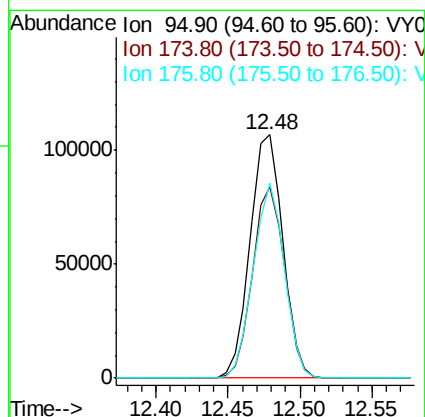
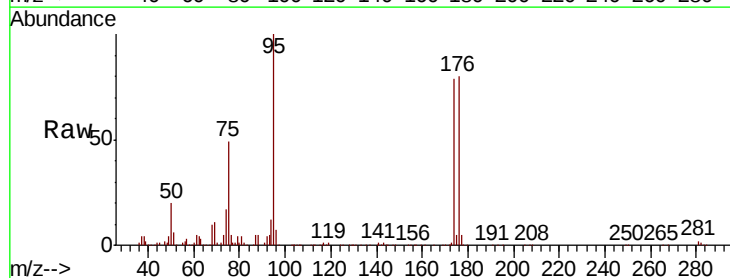
Tgt Ion: 95 Resp: 167254

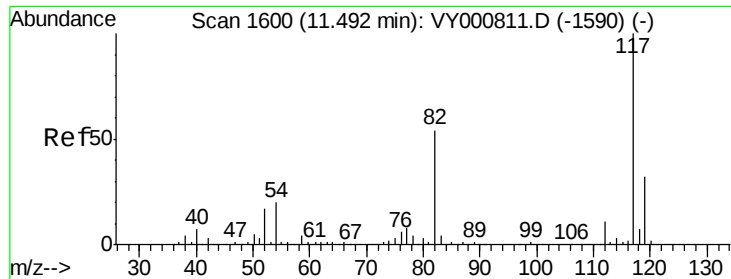
Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.6

176 76.3 0.0 145.2

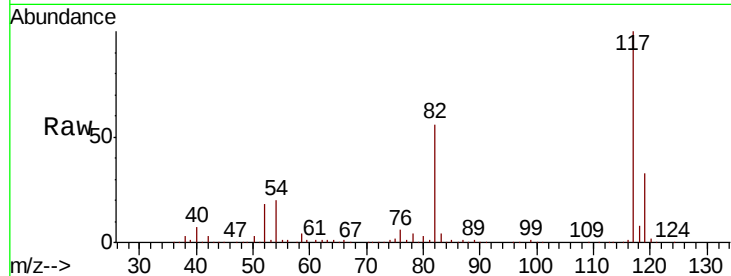




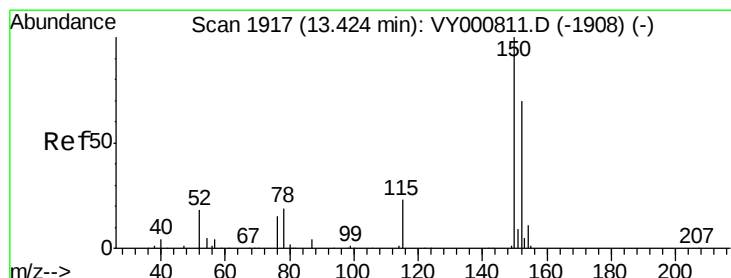
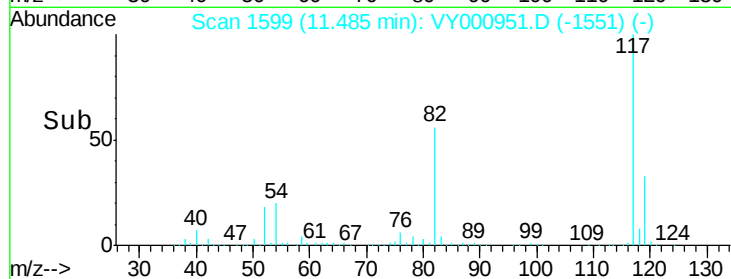
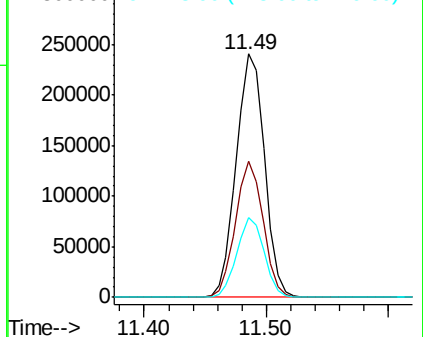
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000951.D
Acq: 16 Dec 2019 13:20

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-121319

Tgt Ion:117 Resp: 386324
Ion Ratio Lower Upper
117 100
82 55.8 43.1 64.7
119 32.5 25.3 37.9

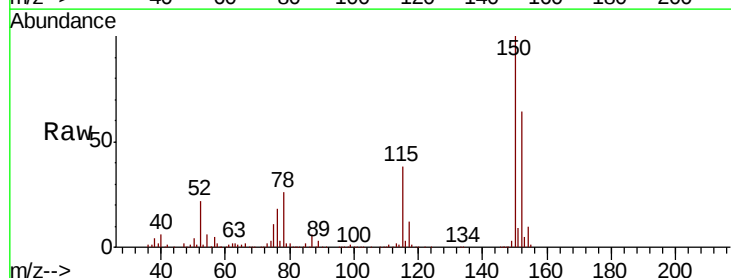


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

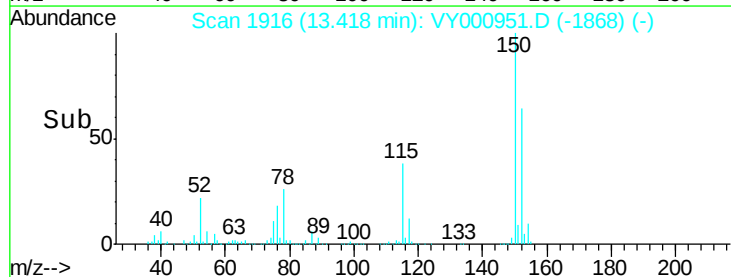
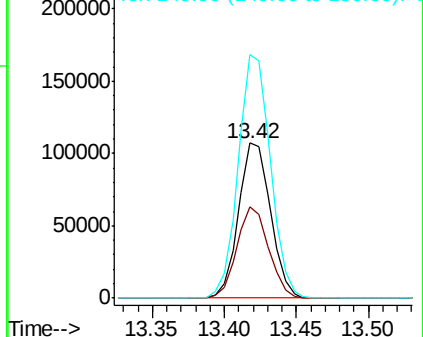


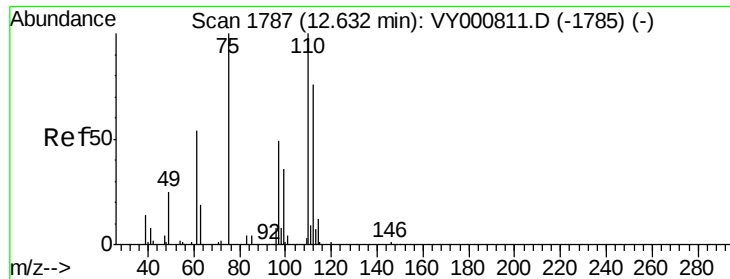
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000951.D
Acq: 16 Dec 2019 13:20

Tgt Ion:152 Resp: 165365
Ion Ratio Lower Upper
152 100
115 58.3 29.3 87.8
150 157.7 0.0 351.2



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: 43.871 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000951.D

Acq: 16 Dec 2019 13:20

Instrument :

MSVOA_Y

ClientSampleId :

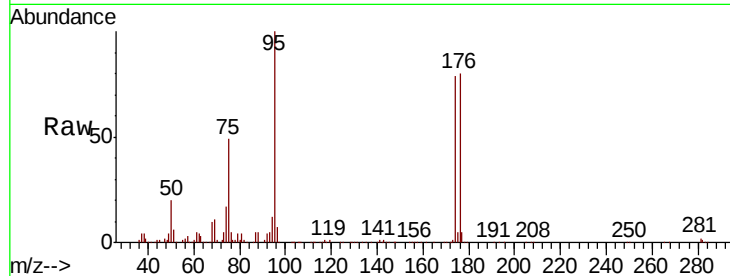
SU-03-121319

Tgt Ion: 75 Resp: 82195

Ion Ratio Lower Upper

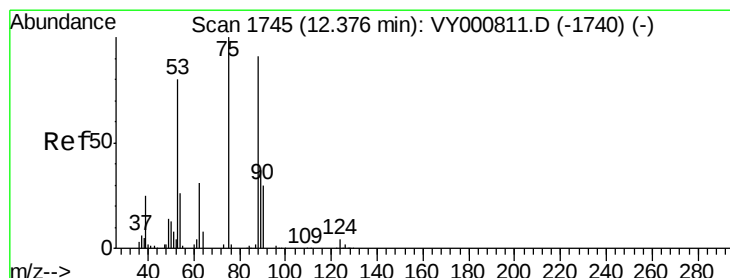
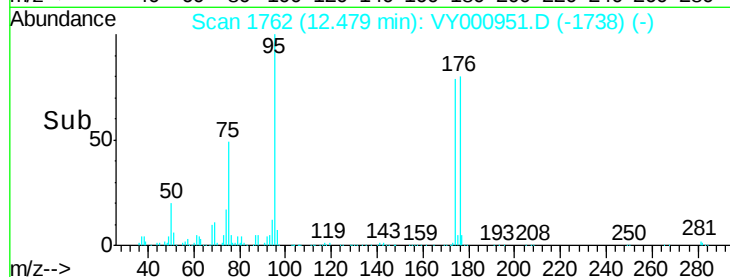
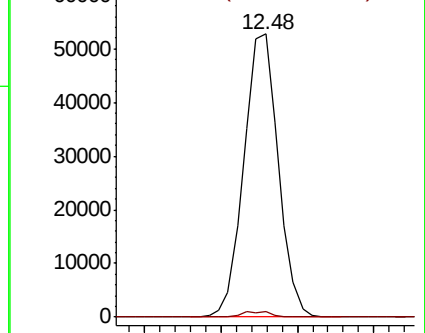
75 100

77 1.7 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: 86.175 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000951.D

Acq: 16 Dec 2019 13:20

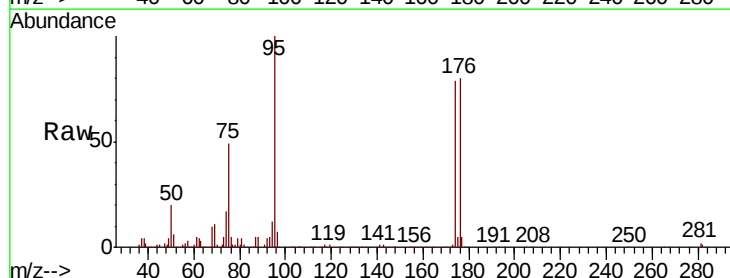
Tgt Ion: 75 Resp: 82195

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.0 33.6 50.4#



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

