

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
 Data File : VY000964.D
 Acq On : 16 Dec 2019 18:47
 Operator : SY/MD
 Sample : K6318-05
 Misc : 5.67G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 X089-SB-5

Quant Time: Dec 17 06:08:27 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

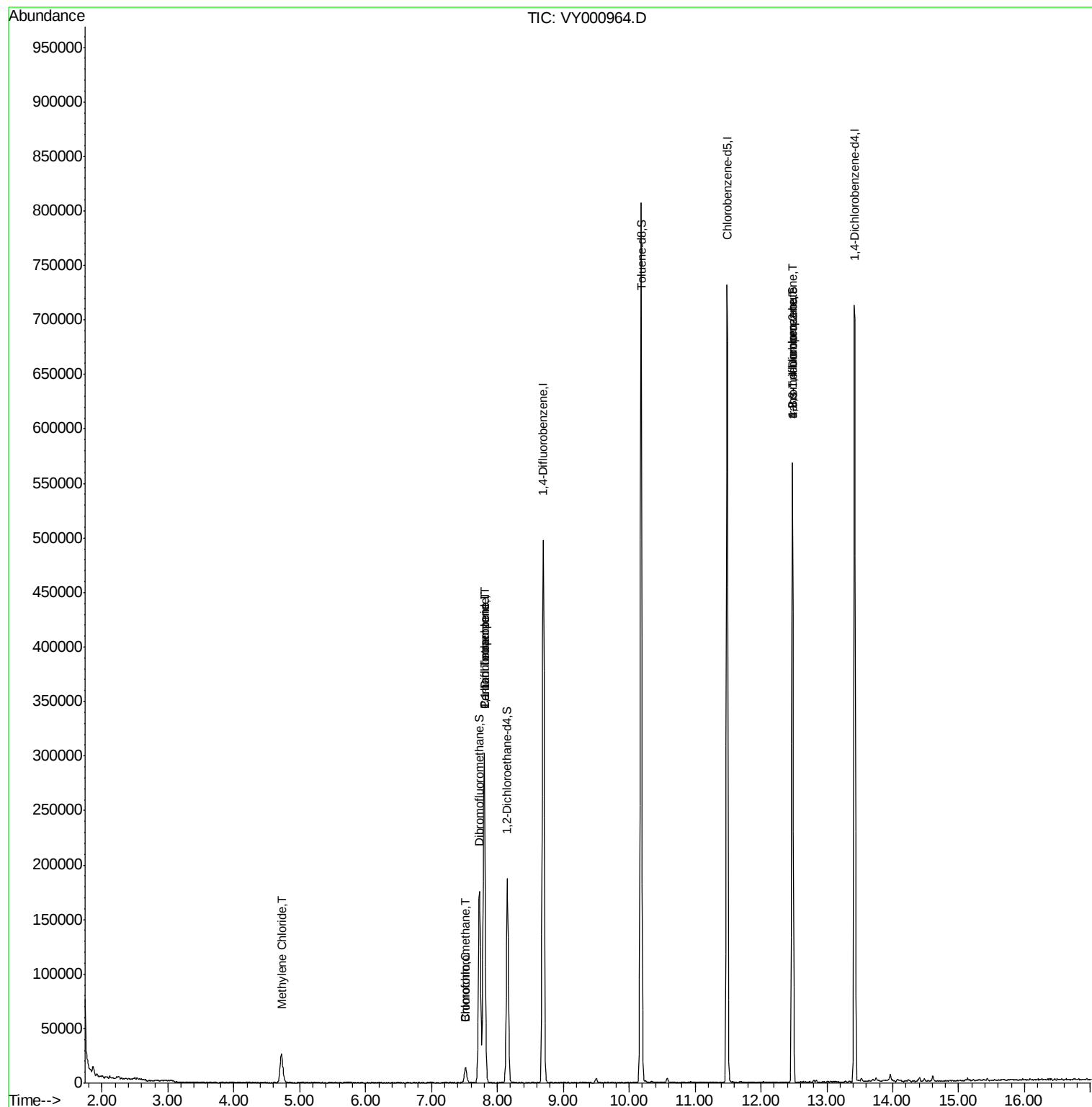
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	231246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	432458	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	395712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	176485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	135705	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
35) Dibromofluoromethane	7.73	113	126395	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
50) Toluene-d8	10.18	98	520570	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	12.48	95	173835	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
Target Compounds						
5) Bromomethane	2.65	94	78	Below Cal	#	3
20) Methylene Chloride	4.72	84	19535	6.575	ug/l	95
28) Bromochloromethane	7.51	49	1001	2.547	ug/l #	15
30) Chloroform	7.52	83	13100	2.652	ug/l	92
36) 1,1-Dichloropropene	7.80	75	18907	4.397	ug/l #	49
38) Carbon Tetrachloride	7.80	117	22776	5.948	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	88517	44.268	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	88517	86.956	ug/l #	18

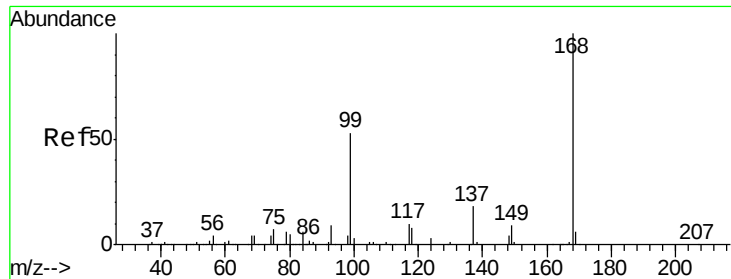
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
Data File : VY000964.D
Acq On : 16 Dec 2019 18:47
Operator : SY/MD
Sample : K6318-05
Misc : 5.67G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
X089-SB-5

Quant Time: Dec 17 06:08:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 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: VY000964.D

Acq: 16 Dec 2019 18:47

Instrument :

MSVOA_Y

ClientSampleId :

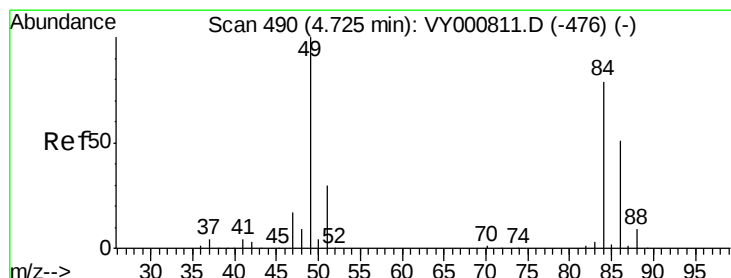
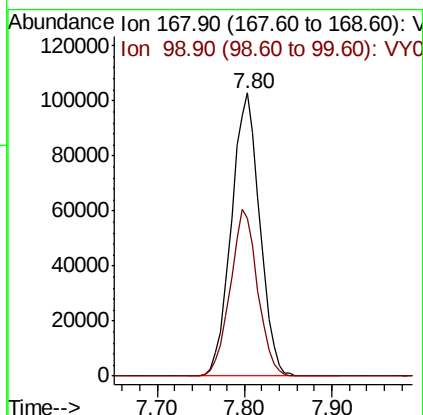
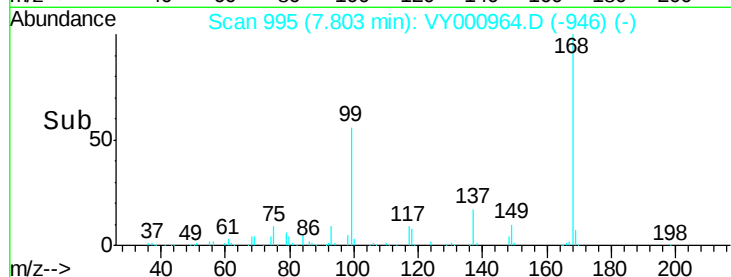
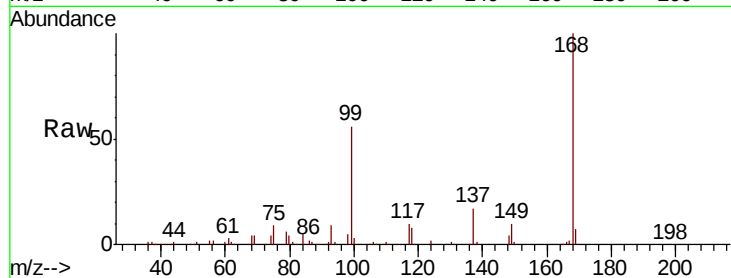
X089-SB-5

Tgt Ion: 168 Resp: 231246

Ion Ratio Lower Upper

168 100

99 56.0 45.0 67.6



#20

Methylene Chloride

Concen: 6.575 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY000964.D

Acq: 16 Dec 2019 18:47

Tgt Ion: 84 Resp: 19535

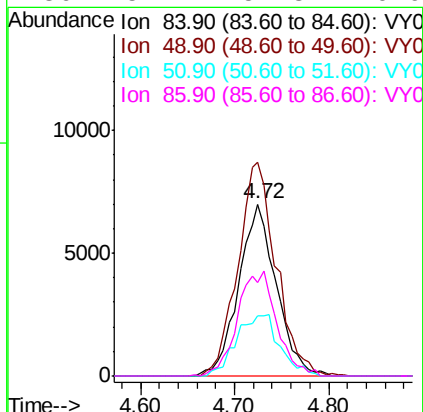
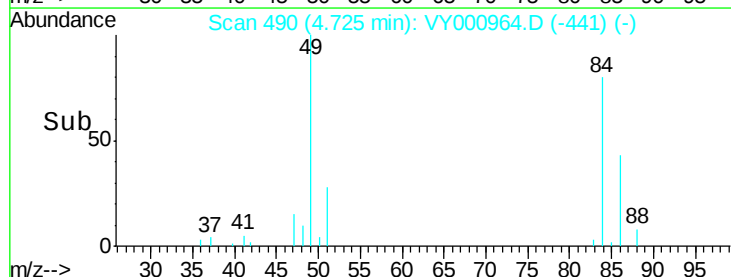
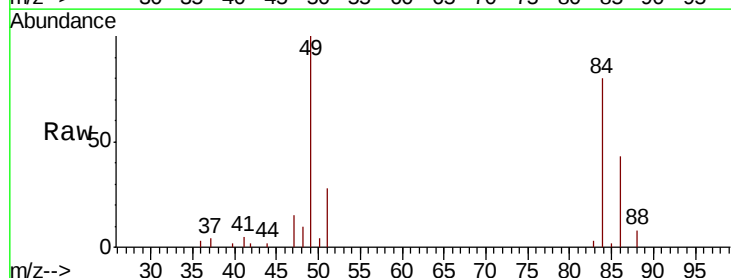
Ion Ratio Lower Upper

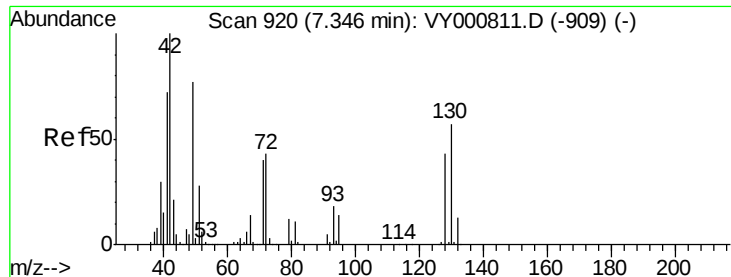
84 100

49 124.5 101.3 151.9

51 34.9 30.6 45.8

86 54.1 51.3 76.9





#28

Bromochloromethane

Concen: 2.547 ug/l

RT: 7.51 min Scan# 947

Delta R.T. 0.16 min

Lab File: VY000964.D

Acq: 16 Dec 2019 18:47

Instrument :

MSVOA_Y

ClientSampleId :

X089-SB-5

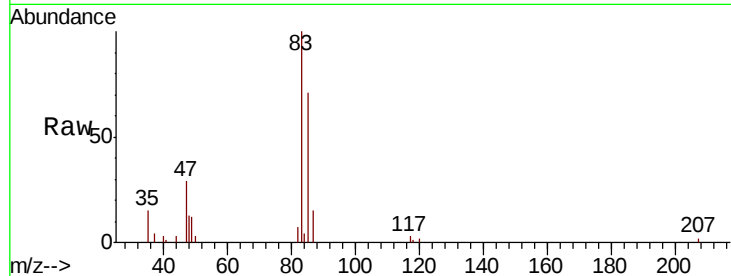
Tgt Ion: 49 Resp: 1001

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

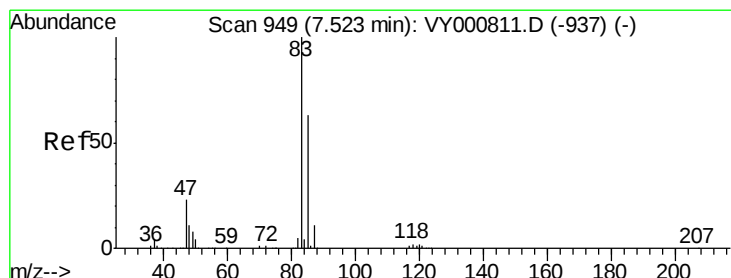
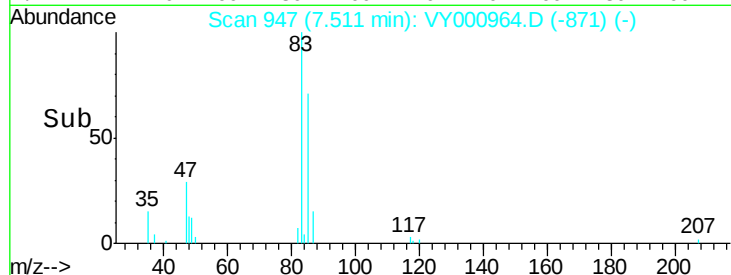
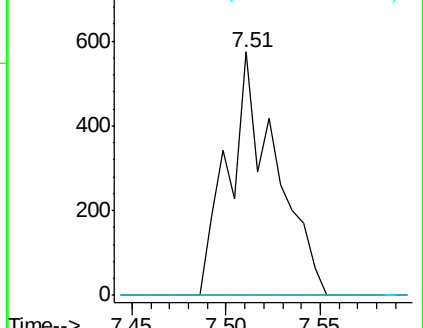
130 0.0 58.7 88.1#



Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): VY0

Ion 129.80 (129.50 to 130.50): VY0



#30

Chloroform

Concen: 2.652 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.01 min

Lab File: VY000964.D

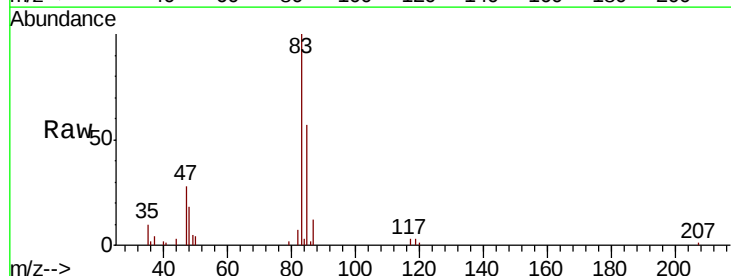
Acq: 16 Dec 2019 18:47

Tgt Ion: 83 Resp: 13100

Ion Ratio Lower Upper

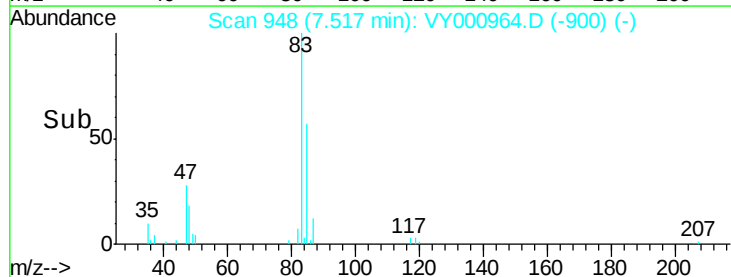
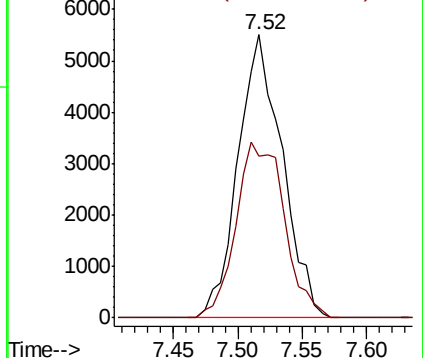
83 100

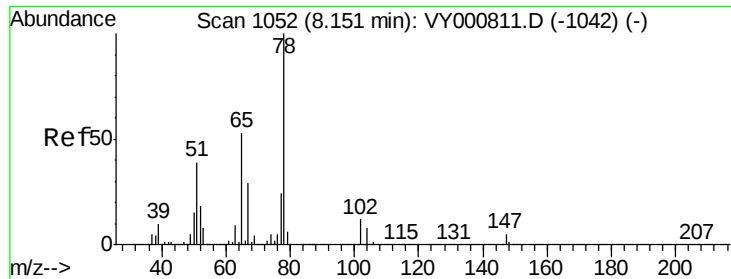
85 57.1 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

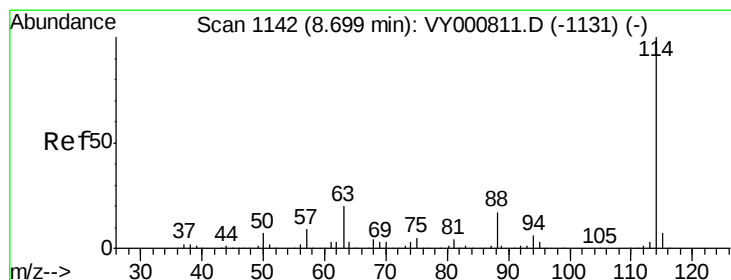
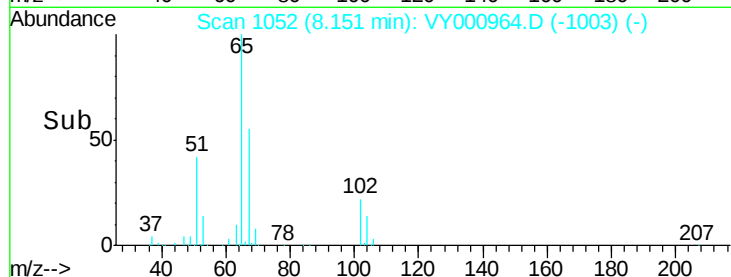
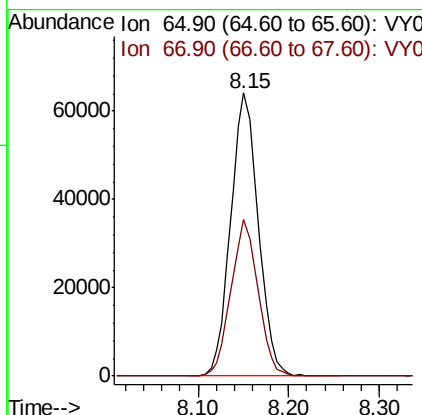
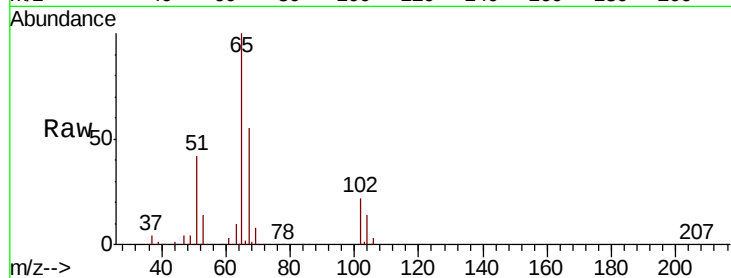




#33
 1,2-Dichloroethane-d4
 Concen: 55.228 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000964.D
 Acq: 16 Dec 2019 18:47

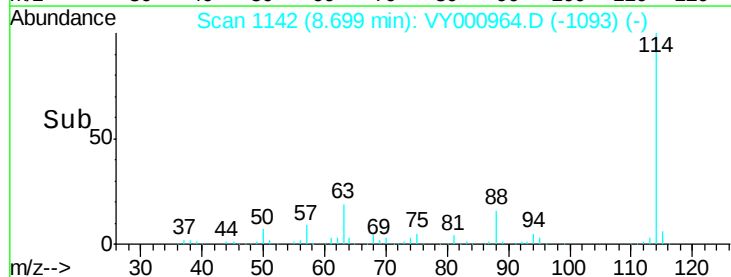
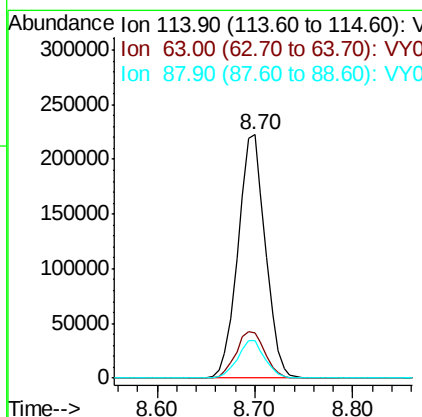
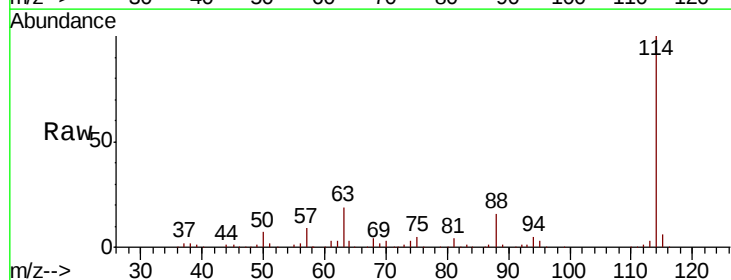
Instrument :
 MSVOA_Y
 ClientSampleId :
 X089-SB-5

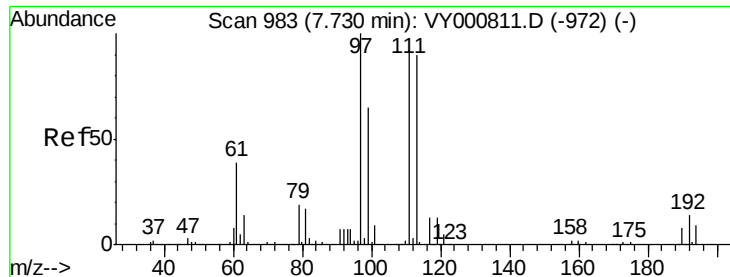
Tgt Ion: 65 Resp: 135705
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000964.D
 Acq: 16 Dec 2019 18:47

Tgt Ion: 114 Resp: 432458
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.8
 88 15.5 0.0 33.2

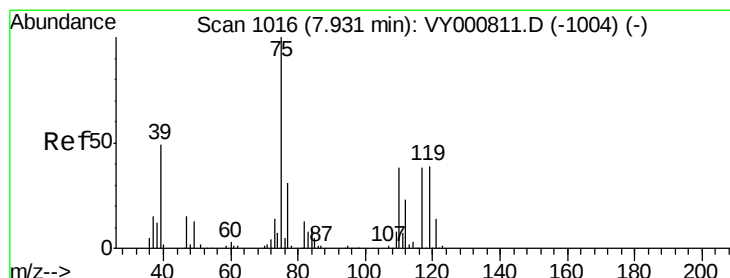
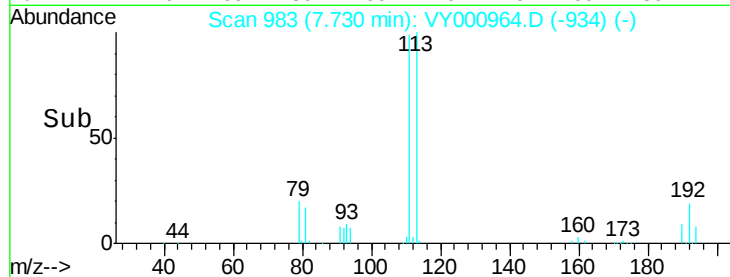
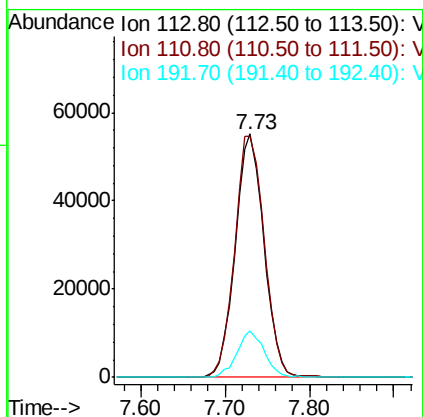
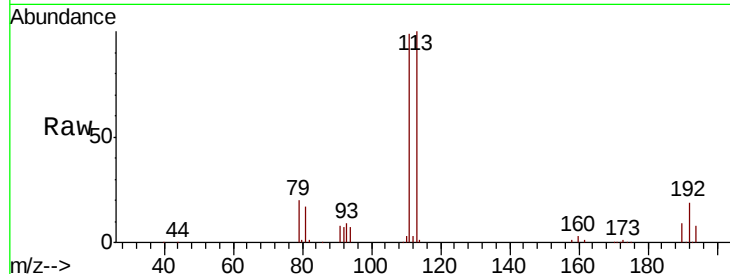




#35
 Dibromofluoromethane
 Concen: 50.150 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000964.D
 Acq: 16 Dec 2019 18:47

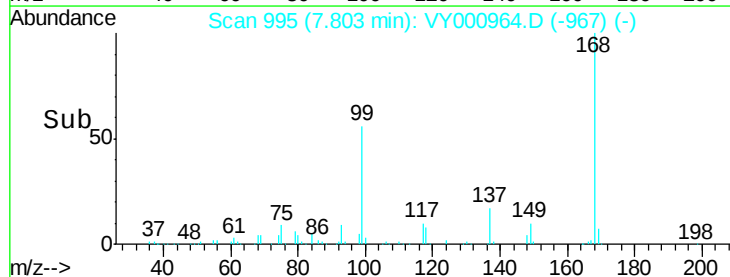
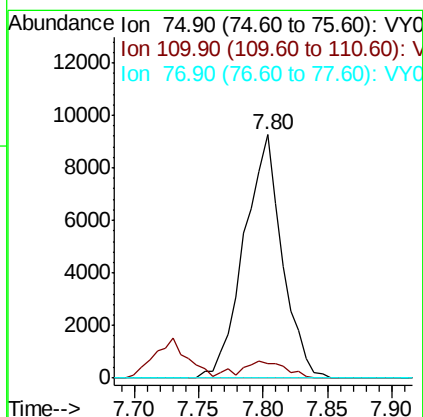
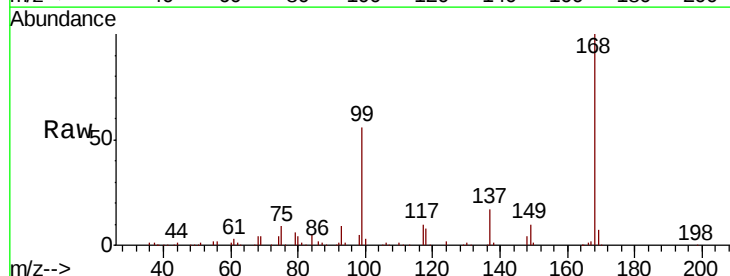
Instrument :
 MSVOA_Y
 ClientSampleId :
 X089-SB-5

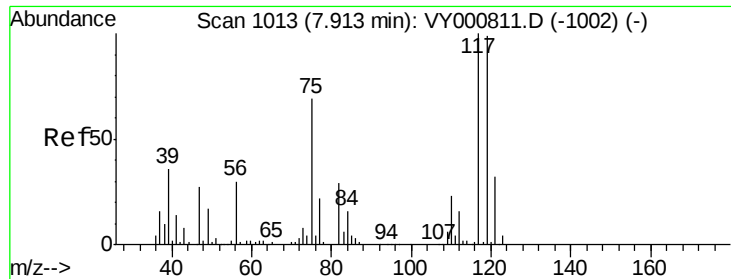
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	18.2	14.2	21.2



#36
 1,1-Dichloropropene
 Concen: 4.397 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000964.D
 Acq: 16 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.9	53.7#
77	0.0	24.7	37.1#

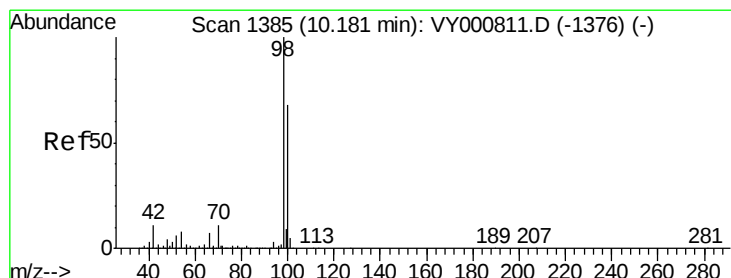
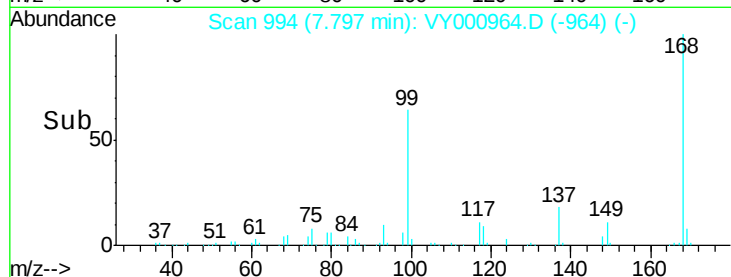
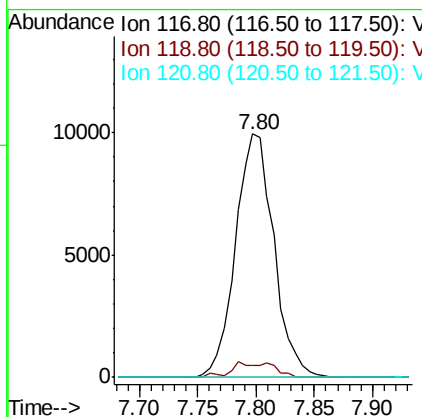
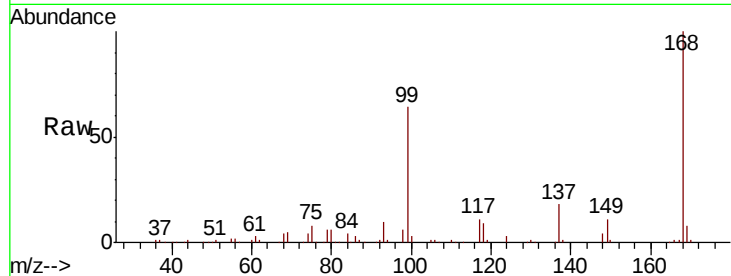




#38
Carbon Tetrachloride
Concen: 5.948 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000964.D
Acq: 16 Dec 2019 18:47

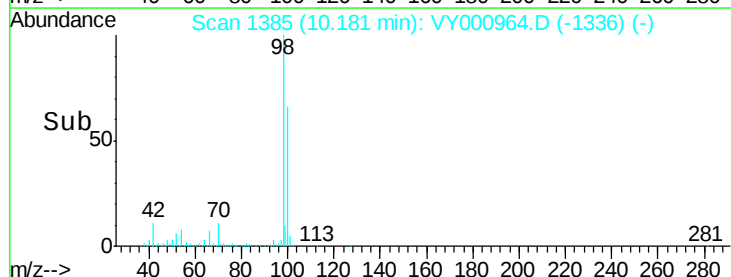
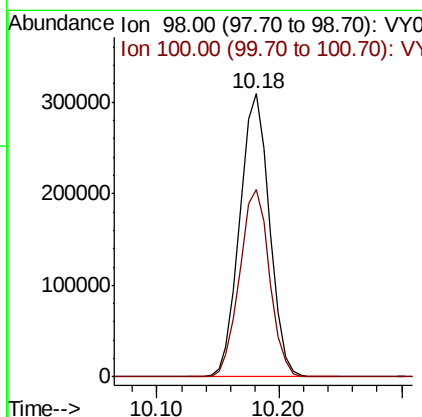
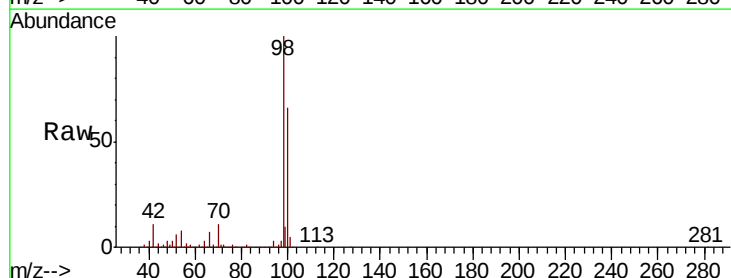
Instrument :
MSVOA_Y
ClientSampleId :
X089-SB-5

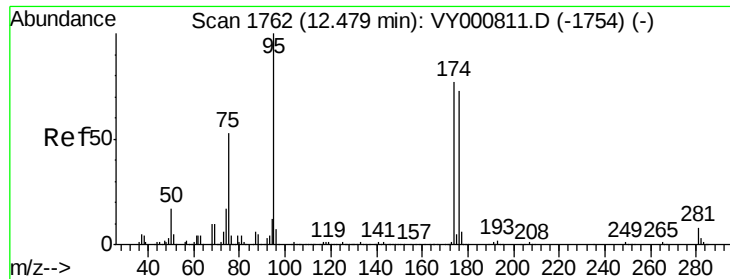
Tgt Ion: 117 Resp: 22776
Ion Ratio Lower Upper
117 100
119 4.8 79.3 118.9#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.663 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000964.D
Acq: 16 Dec 2019 18:47

Tgt Ion: 98 Resp: 520570
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

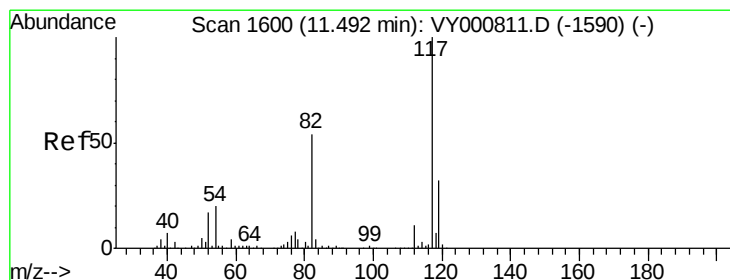
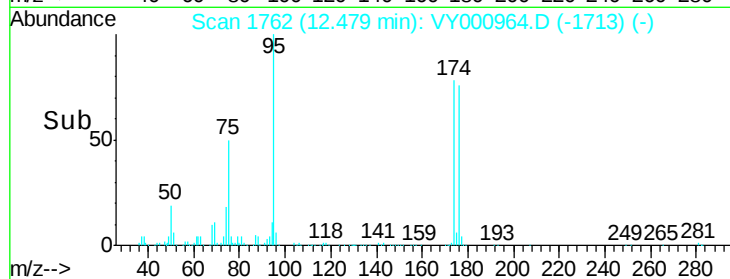
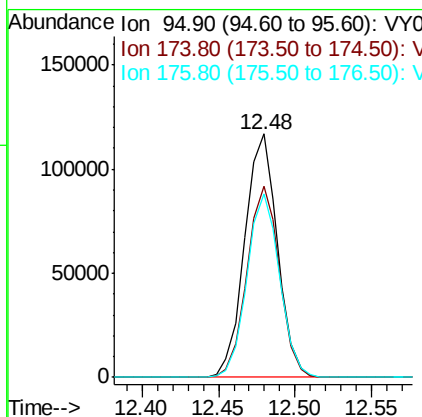
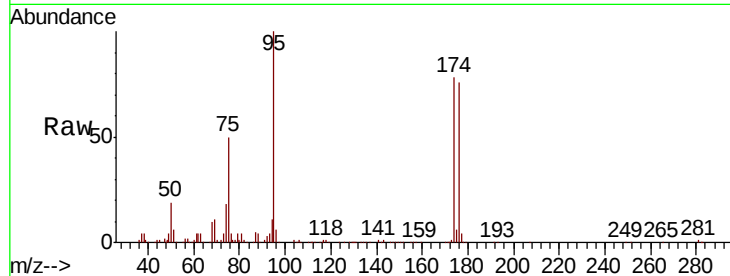




#62
4-Bromofluorobenzene
Concen: 45.937 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000964.D
Acq: 16 Dec 2019 18:47

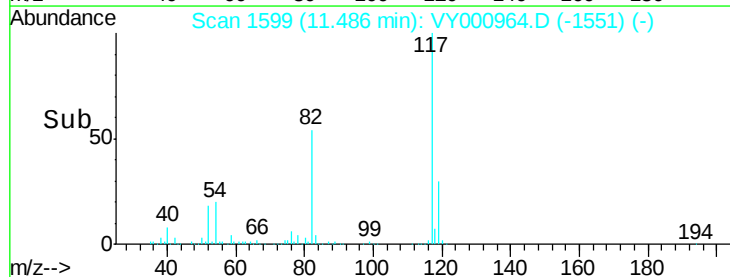
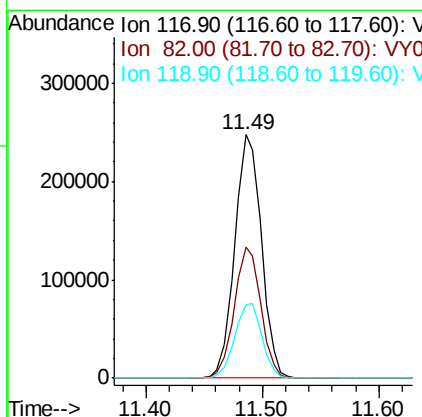
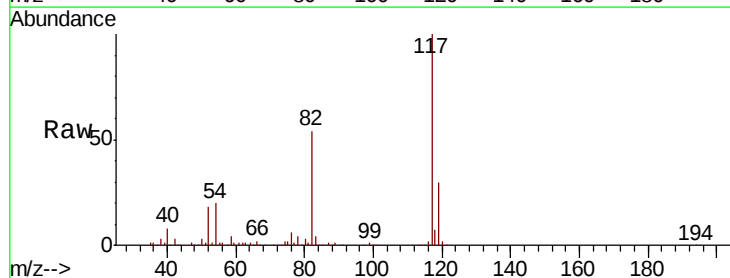
Instrument :
MSVOA_Y
ClientSampleId :
X089-SB-5

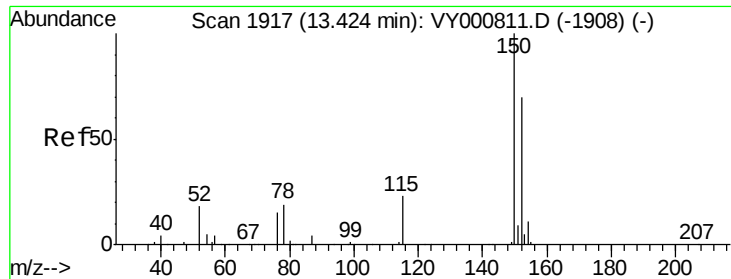
Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	150.6
176	75.0	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000964.D
Acq: 16 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.1	64.7
119	30.2	25.3	37.9



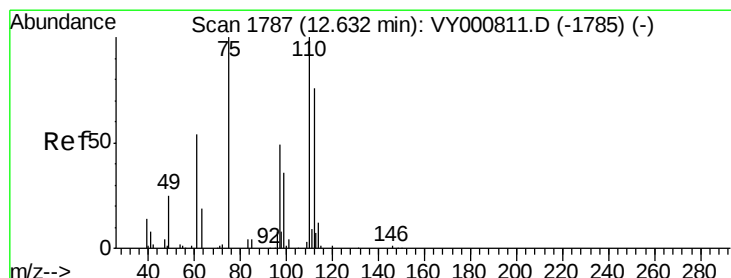
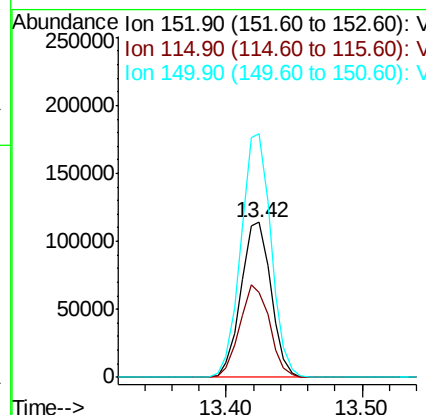
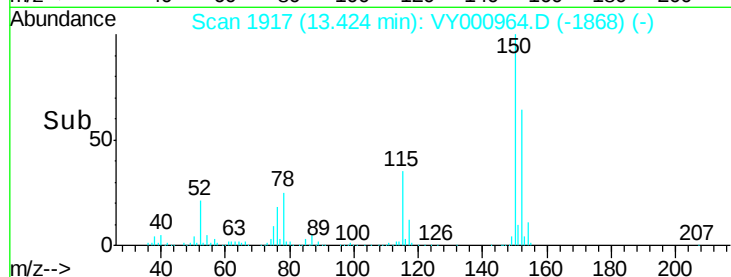
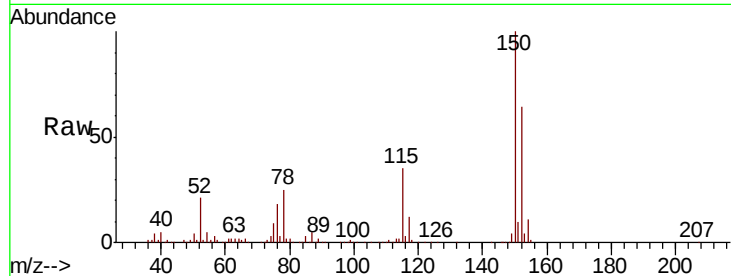


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000964.D
Acq: 16 Dec 2019 18:47

Instrument :
MSVOA_Y
ClientSampleId :
X089-SB-5

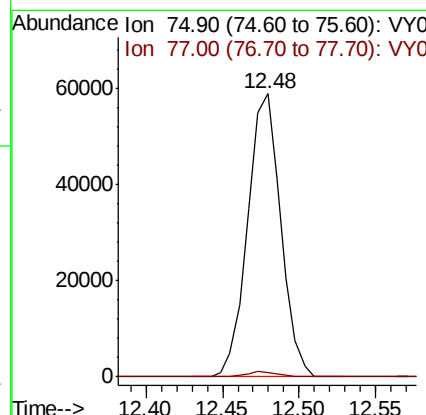
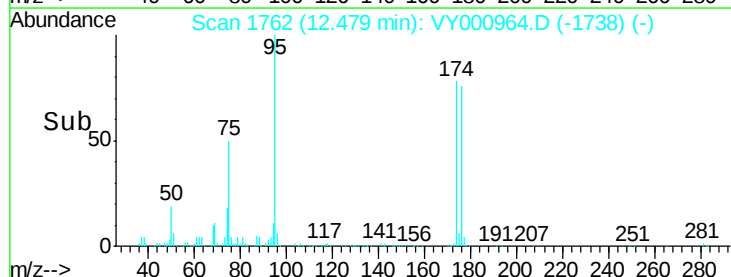
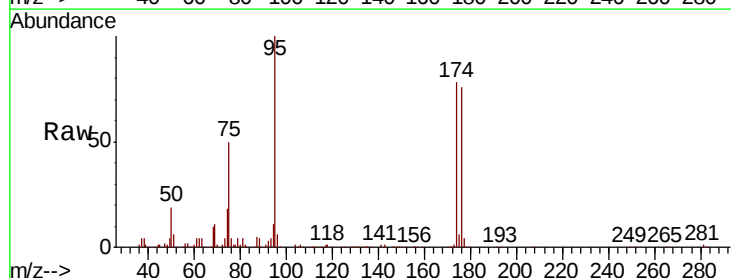
Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.3	87.8
150	156.6	0.0	351.2

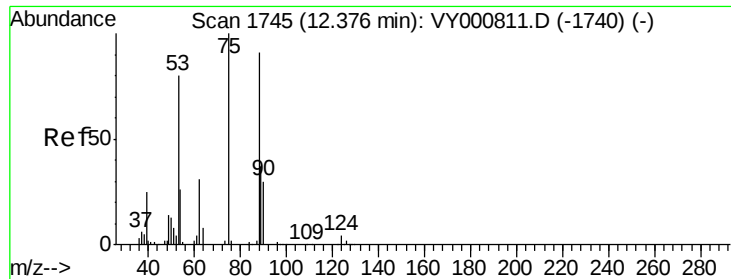


#76

1,2,3-Trichloropropane
Concen: 44.268 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000964.D
Acq: 16 Dec 2019 18:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0





#81

trans-1,4-Dichloro-2-butene

Concen: 86.956 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000964.D

Acq: 16 Dec 2019 18:47

Instrument :

MSVOA_Y

ClientSampleId :

X089-SB-5

Tgt Ion: 75 Resp: 88517

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.2 33.6 50.4#

