

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
 Data File : VY000965.D
 Acq On : 16 Dec 2019 19:09
 Operator : SY/MD
 Sample : K6318-06
 Misc : 9.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 X089-SB-6

Quant Time: Dec 17 06:08:45 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	225923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	420126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	385406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	178413	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	139427	58.08	ug/l	0.00
Spiked Amount			Recovery	=	116.16%	
35) Dibromofluoromethane	7.73	113	123979	50.63	ug/l	0.00
Spiked Amount			Recovery	=	101.26%	
50) Toluene-d8	10.18	98	498376	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.48	95	171875	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	

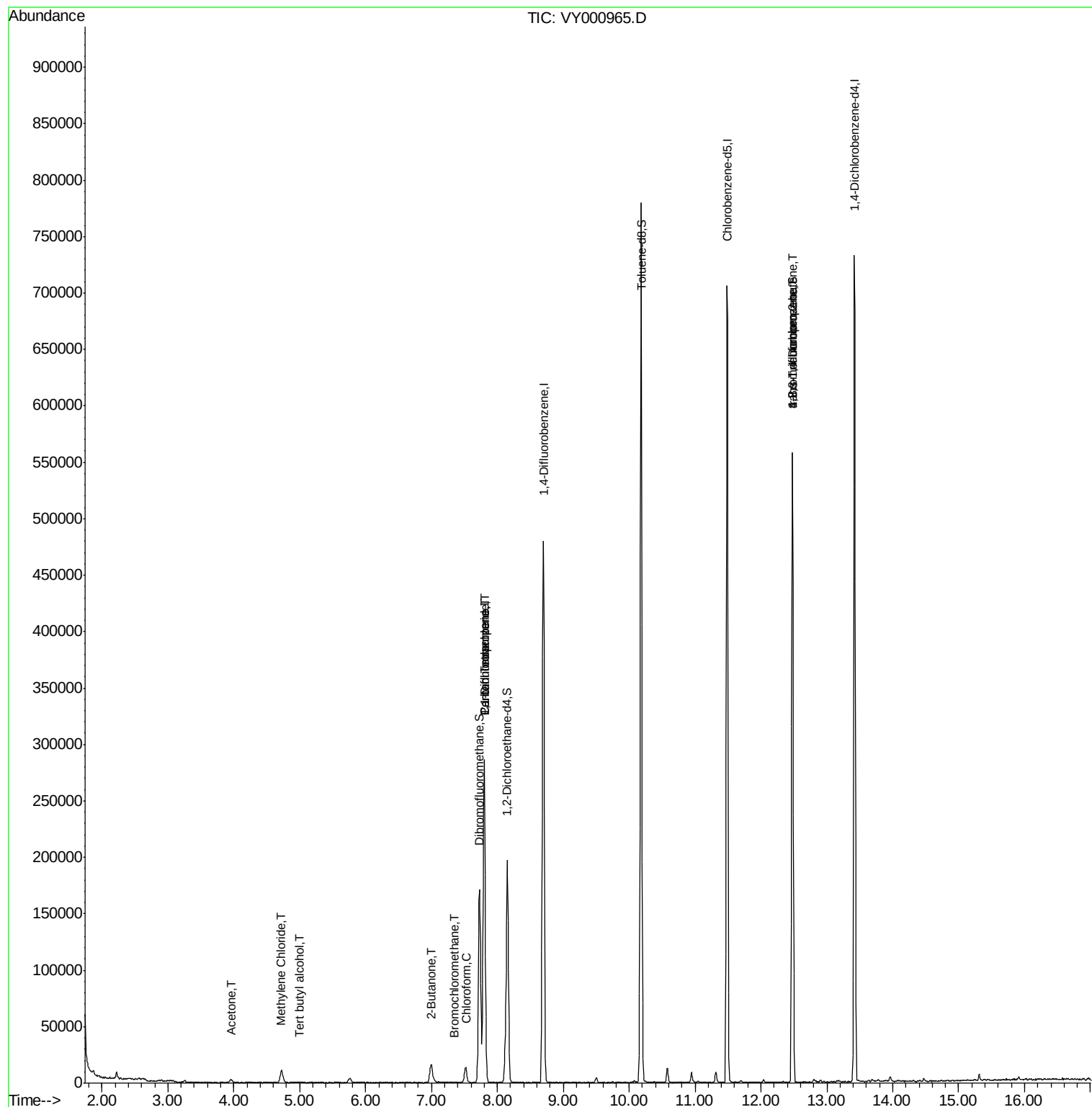
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.66	94	147	Below Cal	#	3
11) Tert butyl alcohol	4.99	59	474	1.963	ug/l #	64
16) Acetone	3.96	43	4302	7.812	ug/l #	87
20) Methylene Chloride	4.72	84	8014	2.761	ug/l	96
25) 2-Butanone	7.00	43	2223	2.185	ug/l #	72
28) Bromochloromethane	7.35	49	44	2.039	ug/l #	15
30) Chloroform	7.52	83	14130	2.927	ug/l	90
36) 1,1-Dichloropropene	7.80	75	18770	4.493	ug/l #	49
38) Carbon Tetrachloride	7.80	117	21477	5.773	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	87730	43.401	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	87730	85.251	ug/l #	17

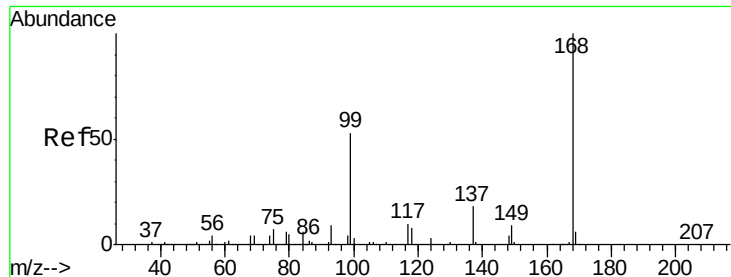
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
Data File : VY000965.D
Acq On : 16 Dec 2019 19:09
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Misc : 9.22G/5ML/MSVOA_Y/SOIL
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MSVOA_Y
ClientSampleId :
X089-SB-6

Quant Time: Dec 17 05:29:33 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: VY000965.D

Acq: 16 Dec 2019 19:09

Instrument :

MSVOA_Y

ClientSampleId :

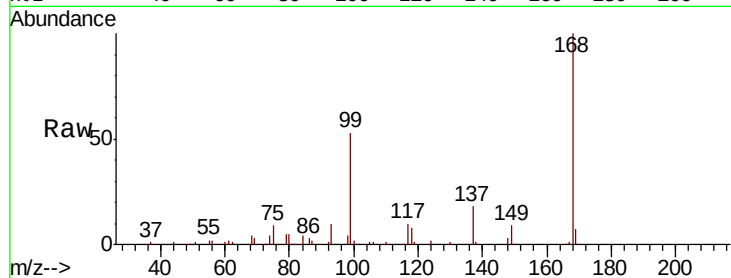
X089-SB-6

Tgt Ion: 168 Resp: 225923

Ion Ratio Lower Upper

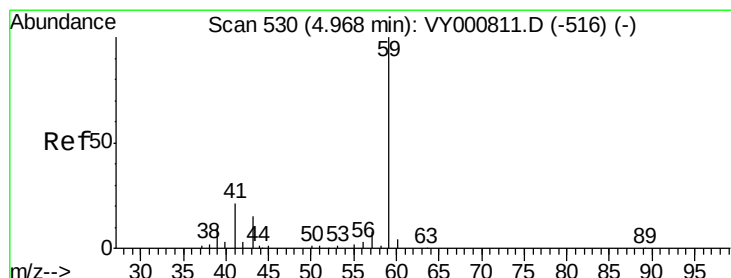
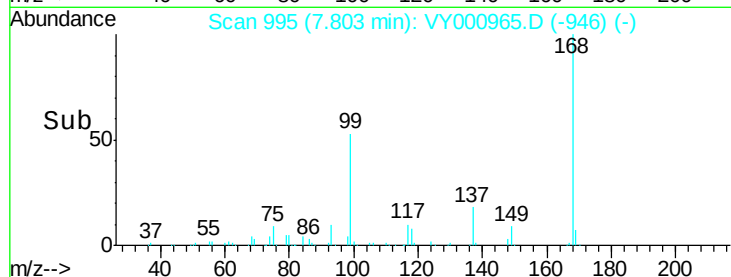
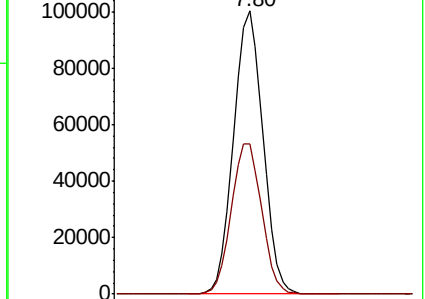
168 100

99 53.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000965.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000965.D (-946) (-)



#11

Tert butyl alcohol

Concen: 1.963 ug/l

RT: 4.99 min Scan# 533

Delta R.T. 0.02 min

Lab File: VY000965.D

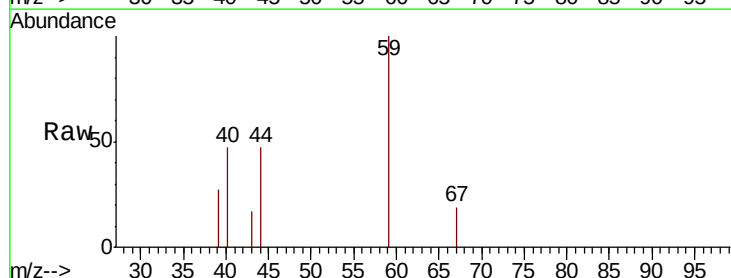
Acq: 16 Dec 2019 19:09

Tgt Ion: 59 Resp: 474

Ion Ratio Lower Upper

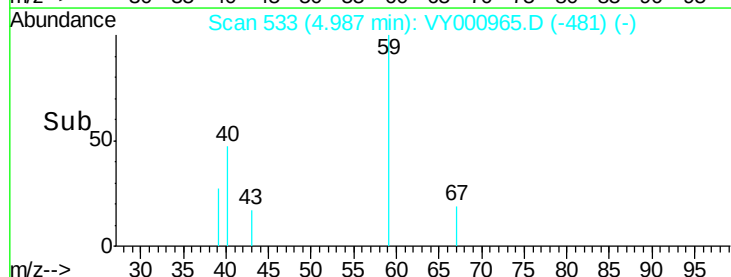
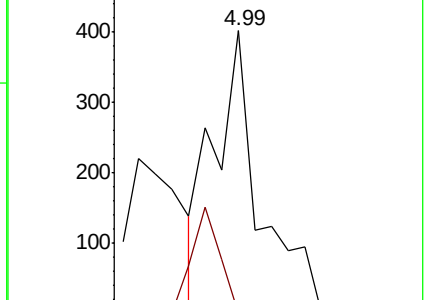
59 100

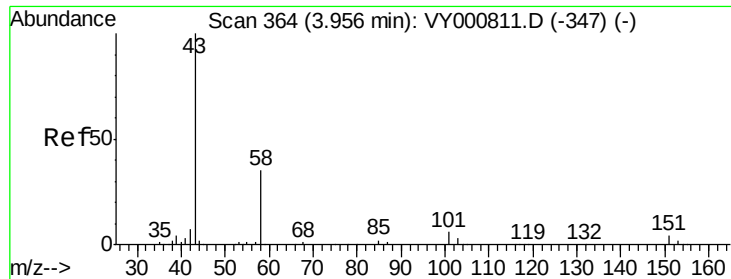
57 22.8 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY000965.D (-481) (-)

Ion 57.00 (56.70 to 57.70): VY000965.D (-481) (-)





#16

Acetone

Concen: 7.812 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000965.D

Acq: 16 Dec 2019 19:09

Instrument :

MSVOA_Y

ClientSampleId :

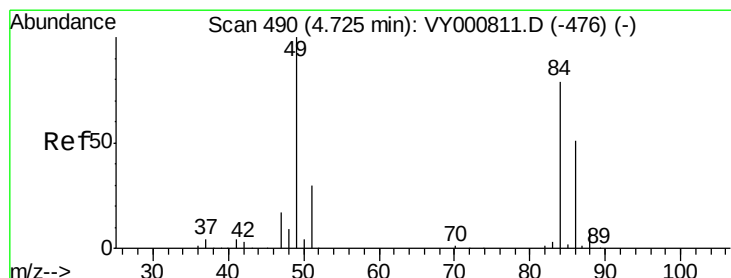
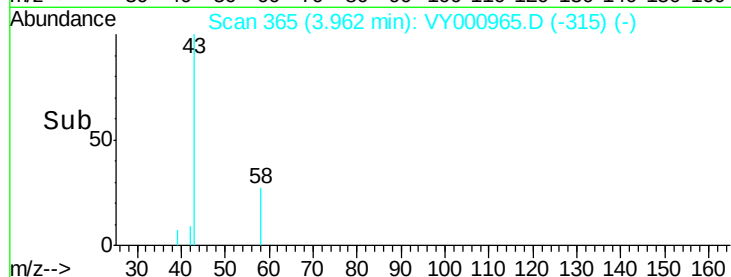
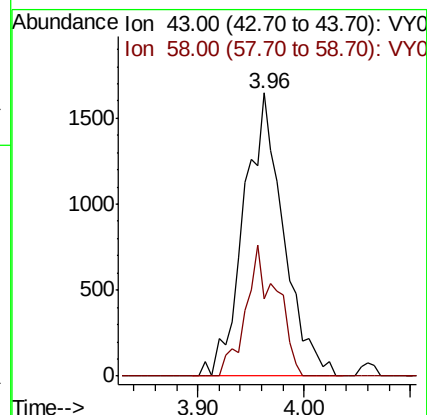
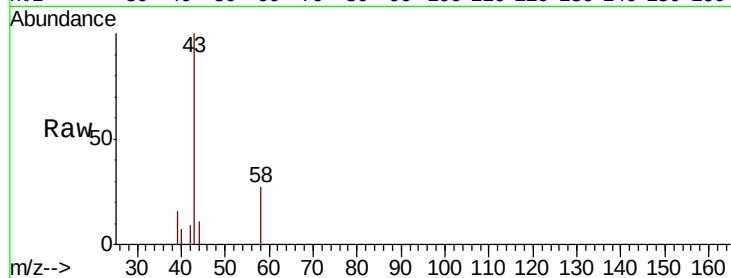
X089-SB-6

Tgt Ion: 43 Resp: 4302

Ion Ratio Lower Upper

43 100

58 27.2 28.0 42.0#



#20

Methylene Chloride

Concen: 2.761 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY000965.D

Acq: 16 Dec 2019 19:09

Tgt Ion: 84 Resp: 8014

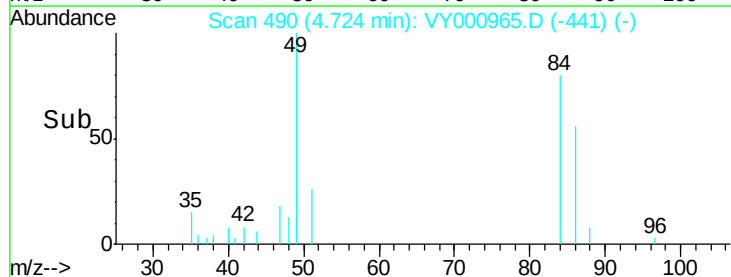
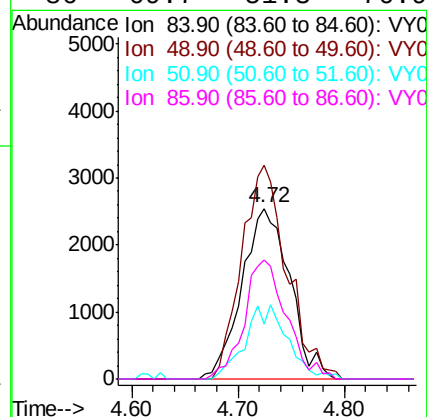
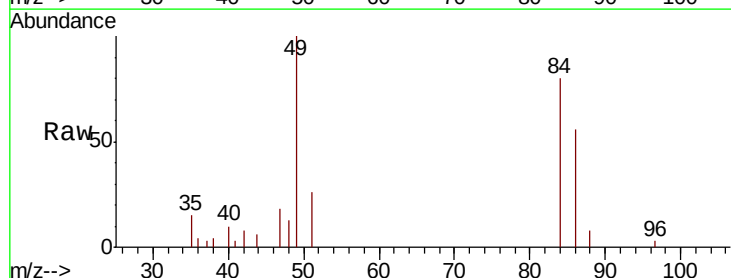
Ion Ratio Lower Upper

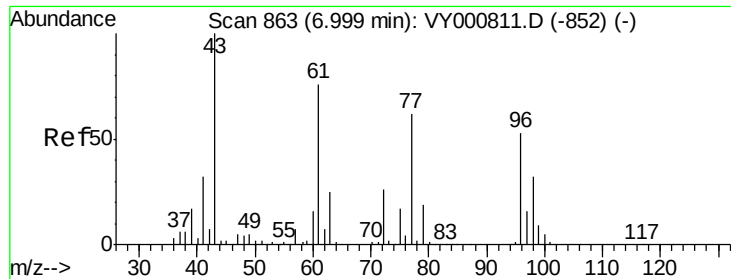
84 100

49 125.2 101.3 151.9

51 32.0 30.6 45.8

86 69.7 51.3 76.9





#25

2-Butanone

Concen: 2.185 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000965.D

Acq: 16 Dec 2019 19:09

Instrument :

MSVOA_Y

ClientSampled :

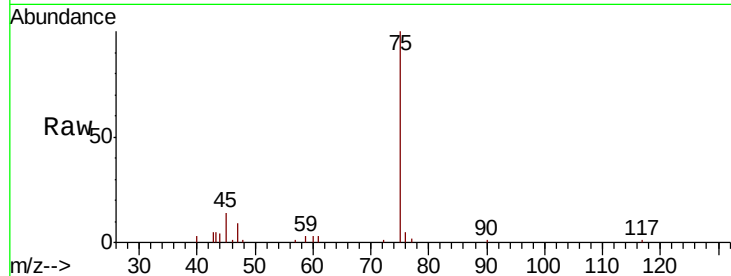
X089-SB-6

Tgt Ion: 43 Resp: 2223

Ion Ratio Lower Upper

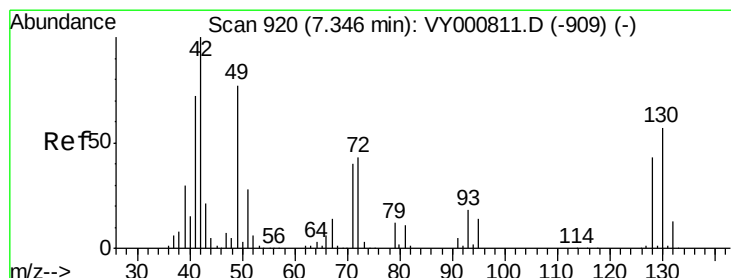
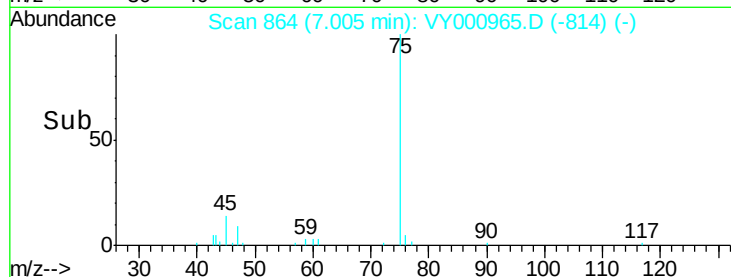
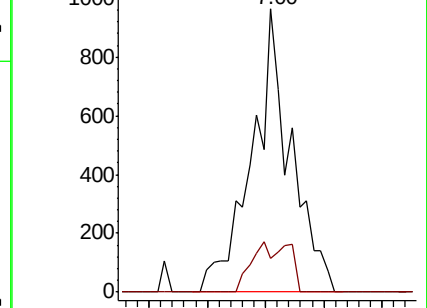
43 100

72 11.7 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#28

Bromochloromethane

Concen: 2.039 ug/l

RT: 7.35 min Scan# 920

Delta R.T. -0.00 min

Lab File: VY000965.D

Acq: 16 Dec 2019 19:09

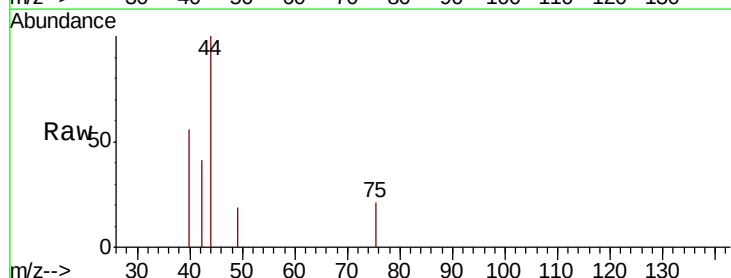
Tgt Ion: 49 Resp: 44

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

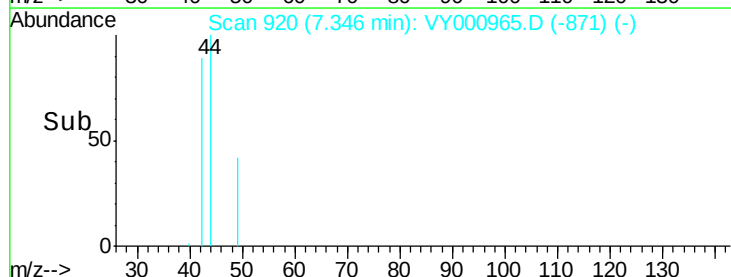
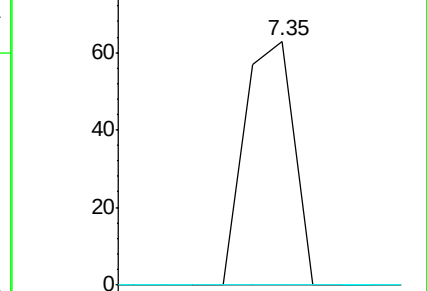
130 0.0 58.7 88.1#

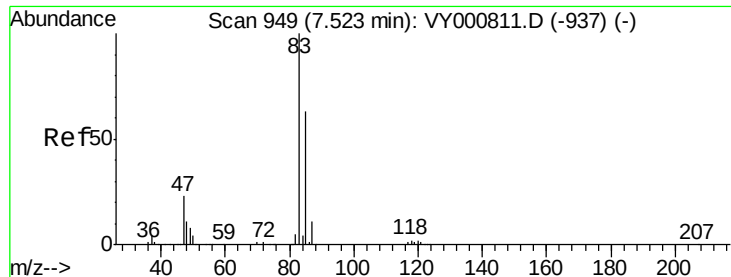


Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

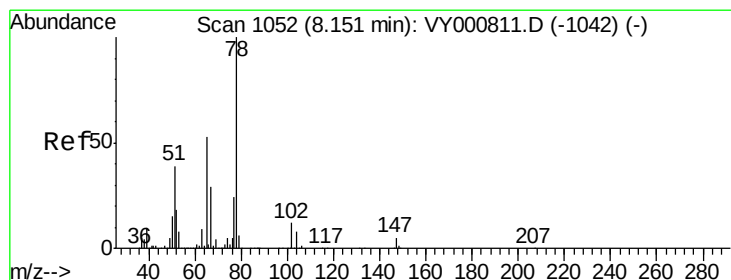
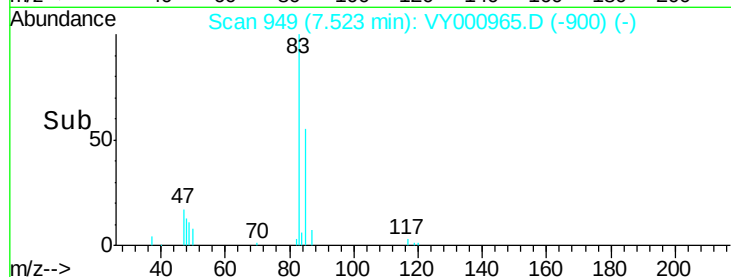
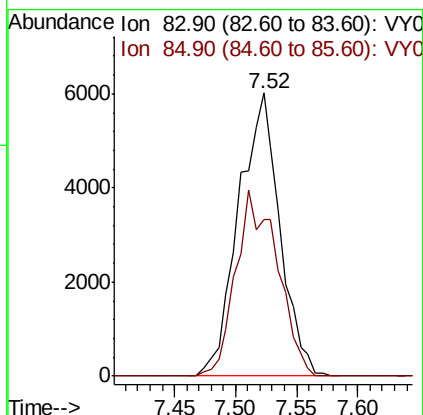
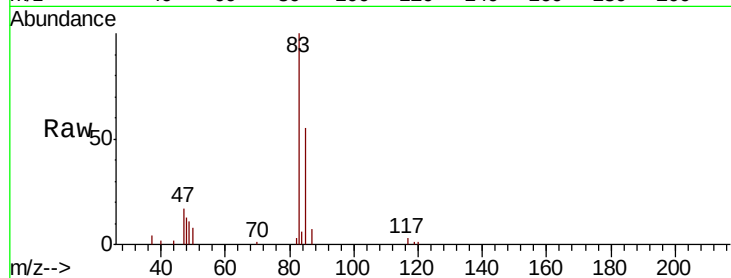




#30
Chloroform
Concen: 2.927 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000965.D
Acq: 16 Dec 2019 19:09

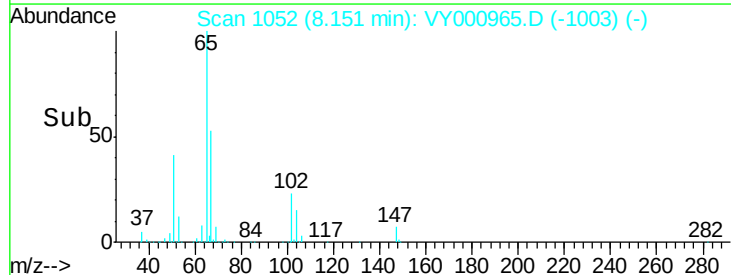
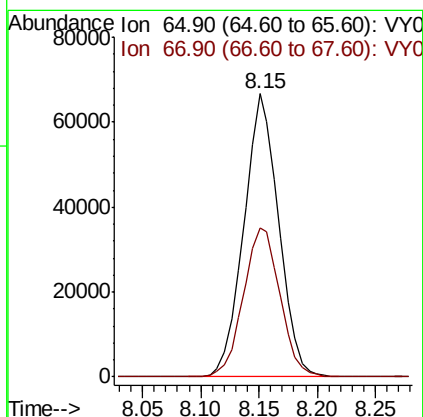
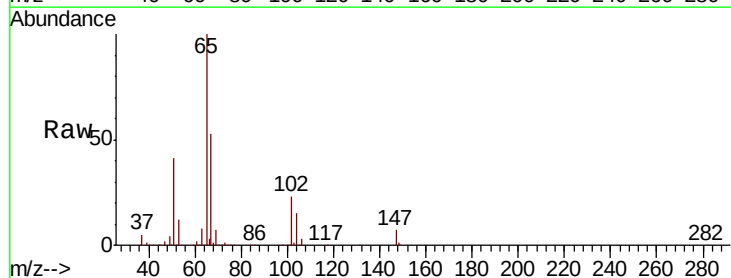
Instrument :
MSVOA_Y
ClientSampleId :
X089-SB-6

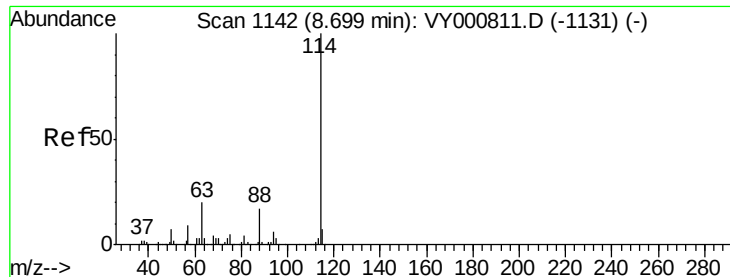
Tgt Ion: 83 Resp: 14130
Ion Ratio Lower Upper
83 100
85 55.2 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 58.080 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000965.D
Acq: 16 Dec 2019 19:09

Tgt Ion: 65 Resp: 139427
Ion Ratio Lower Upper
65 100
67 55.4 0.0 112.0

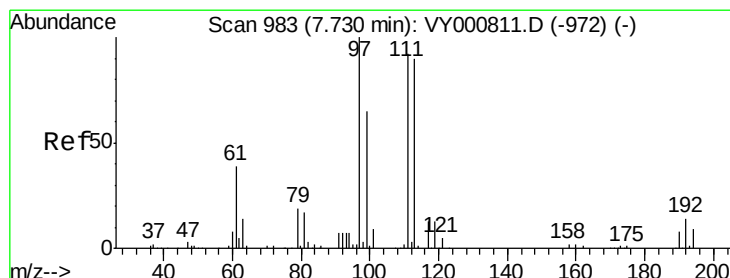
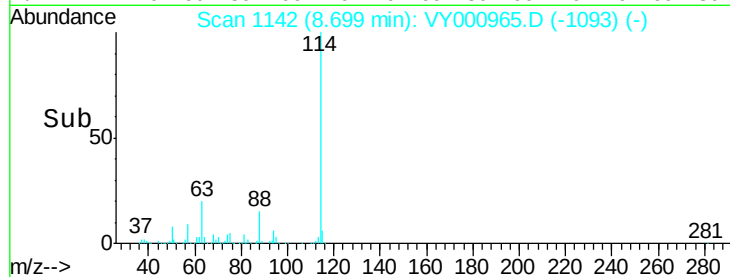
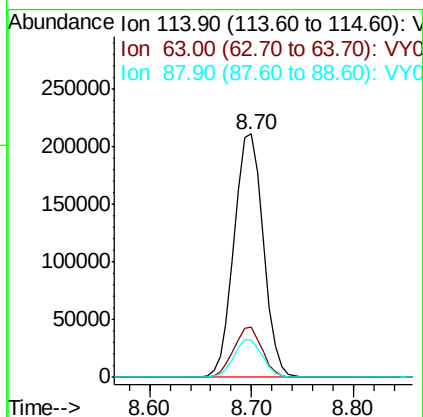
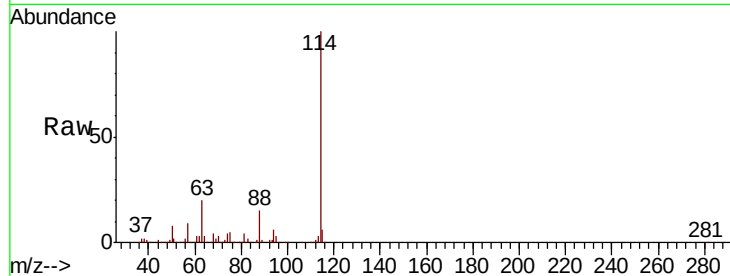




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000965.D
 Acq: 16 Dec 2019 19:09

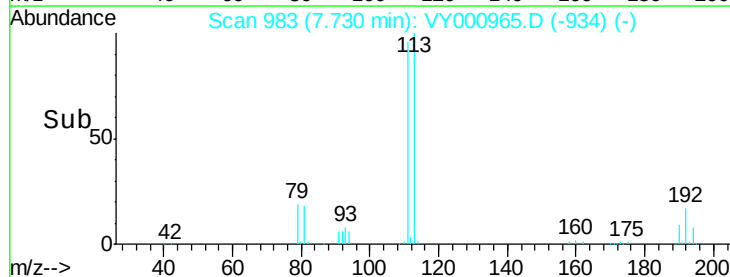
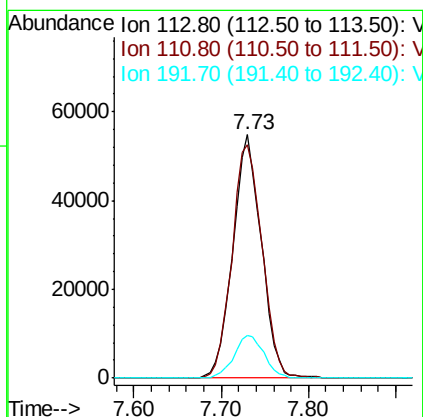
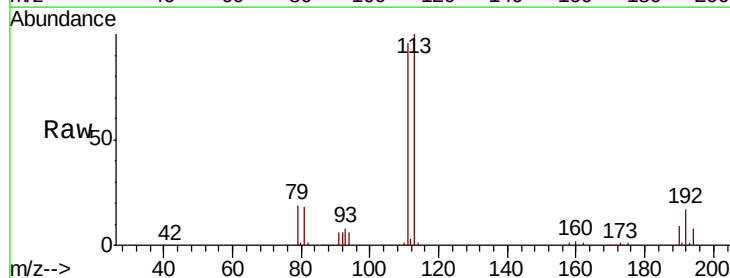
Instrument :
 MSVOA_Y
 ClientSampled :
 X089-SB-6

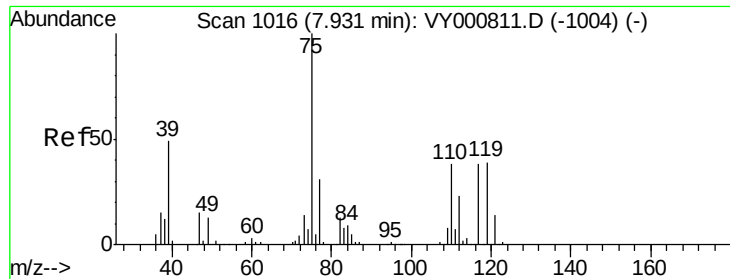
Tgt Ion:114 Resp: 420126
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 15.5 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 50.635 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000965.D
 Acq: 16 Dec 2019 19:09

Tgt Ion:113 Resp: 123979
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.4 123.6
 192 18.5 14.2 21.2





#36

1,1-Dichloropropene

Concen: 4.493 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.13 min

Lab File: VY000965.D

Acq: 16 Dec 2019 19:09

Instrument :

MSVOA_Y

ClientSampled :

X089-SB-6

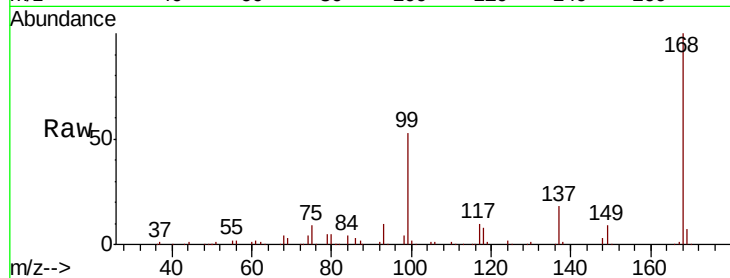
Tgt Ion: 75 Resp: 18770

Ion Ratio Lower Upper

75 100

110 8.8 17.9 53.7#

77 0.1 24.7 37.1#



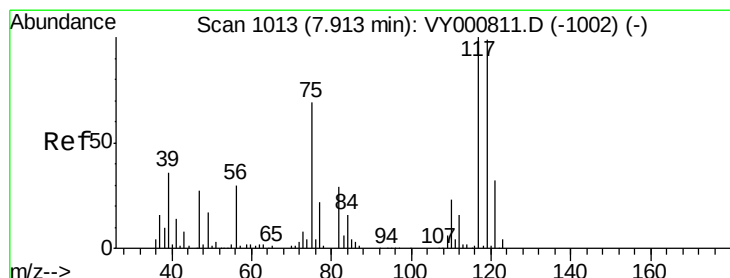
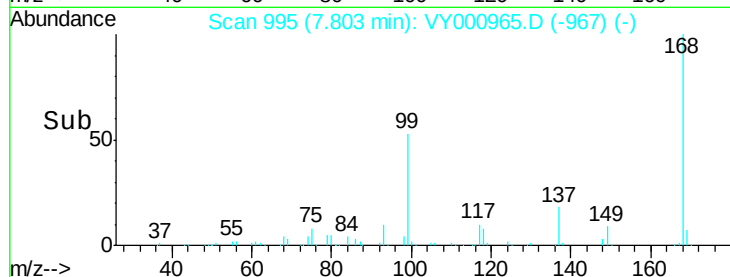
Abundance Ion 74.90 (74.60 to 75.60): VY000965.D (-967) (-)

Ion 109.90 (109.60 to 110.60): VY000965.D (-964) (-)

Ion 76.90 (76.60 to 77.60): VY000965.D (-967) (-)

7.80

Time-->



#38

Carbon Tetrachloride

Concen: 5.773 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000965.D

Acq: 16 Dec 2019 19:09

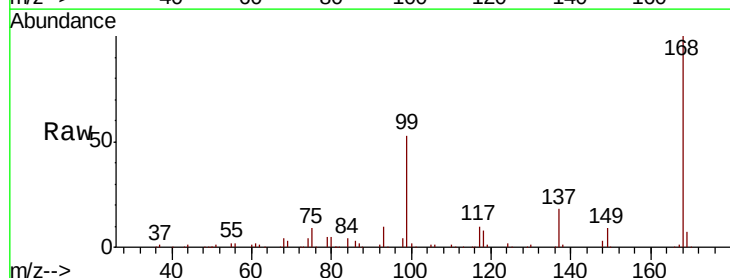
Tgt Ion: 117 Resp: 21477

Ion Ratio Lower Upper

117 100

119 5.2 79.3 118.9#

121 0.0 25.5 38.3#



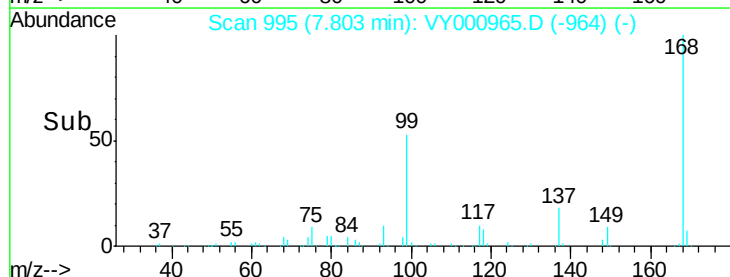
Abundance Ion 116.80 (116.50 to 117.50): VY000965.D (-964) (-)

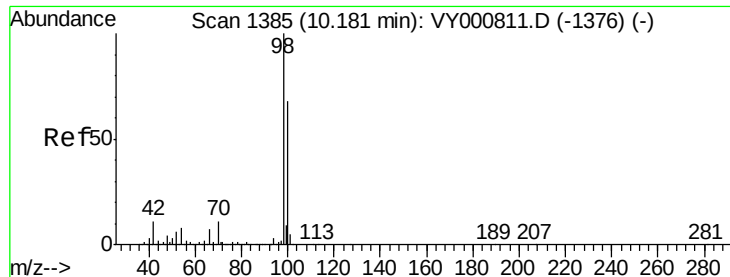
Ion 118.80 (118.50 to 119.50): VY000965.D (-967) (-)

Ion 120.80 (120.50 to 121.50): VY000965.D (-967) (-)

7.80

Time-->





#50

Toluene-d8

Concen: 50.912 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000965.D

Acq: 16 Dec 2019 19:09

Instrument :

MSVOA_Y

ClientSampleId :

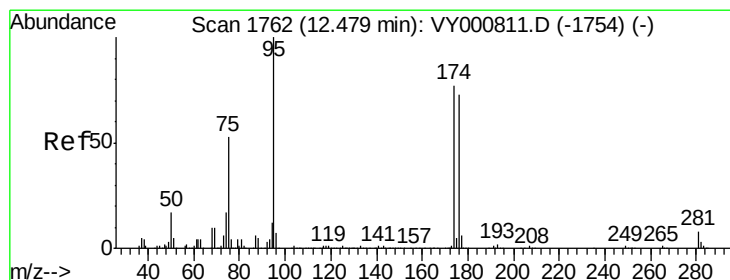
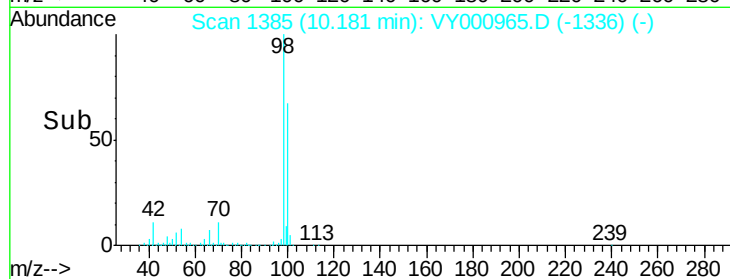
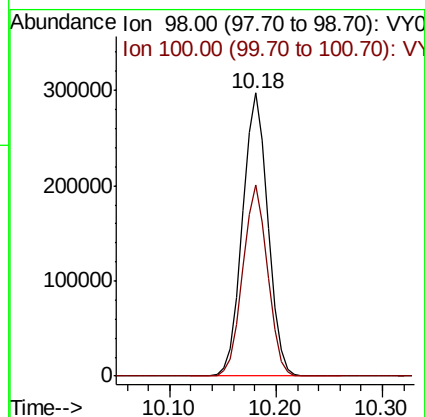
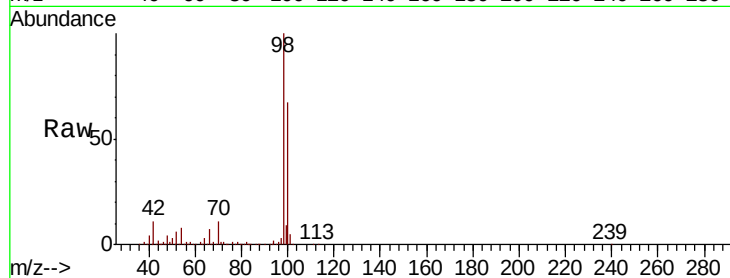
X089-SB-6

Tgt Ion: 98 Resp: 498376

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.753 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000965.D

Acq: 16 Dec 2019 19:09

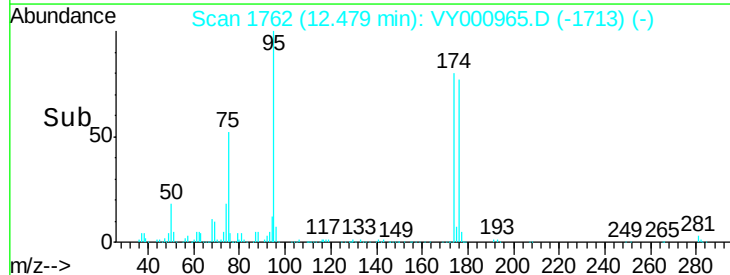
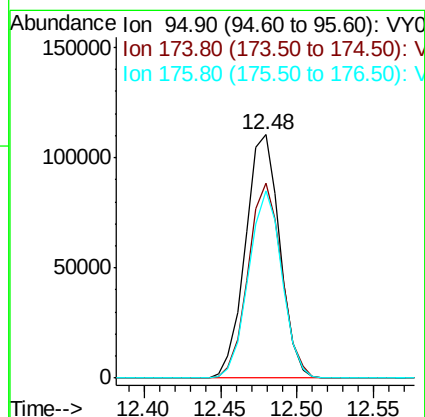
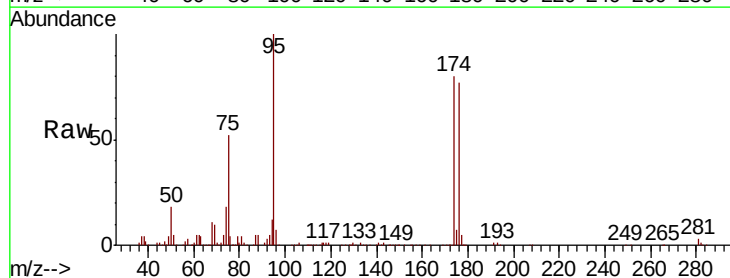
Tgt Ion: 95 Resp: 171875

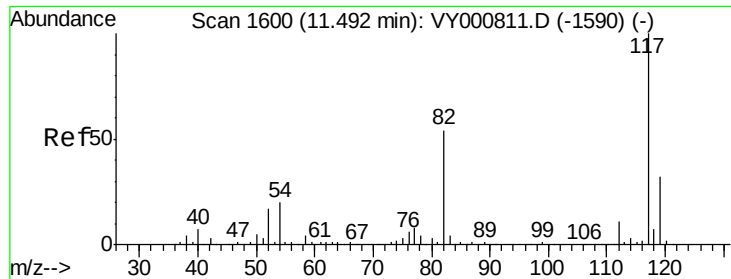
Ion Ratio Lower Upper

95 100

174 78.9 0.0 150.6

176 75.0 0.0 145.2

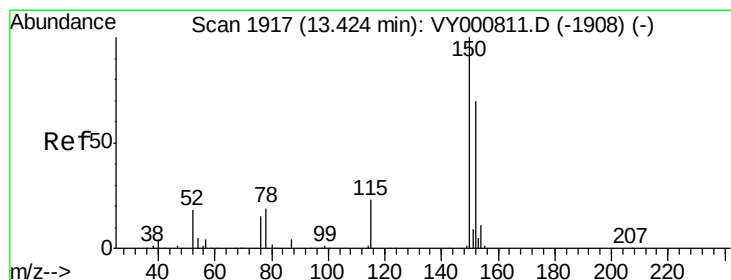
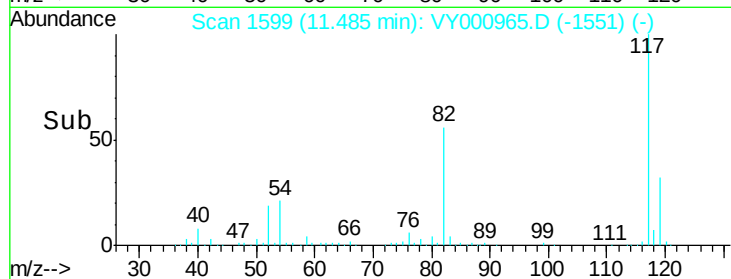
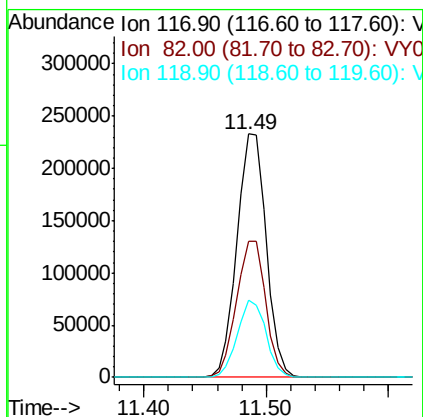
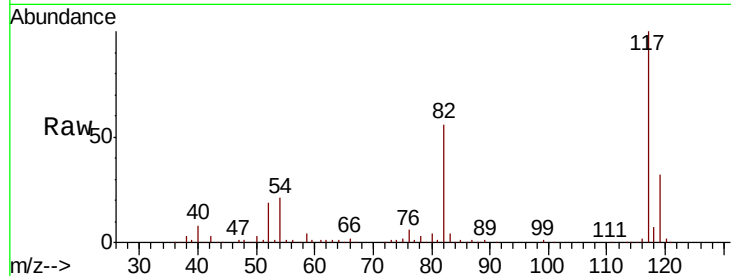




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000965.D
Acq: 16 Dec 2019 19:09

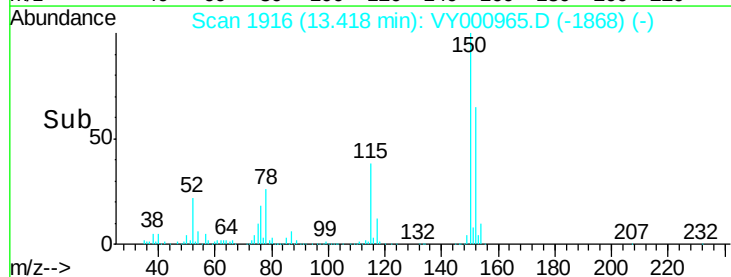
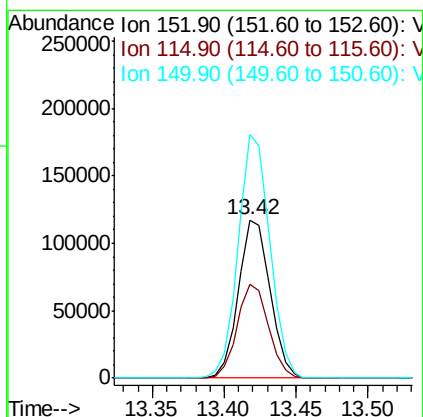
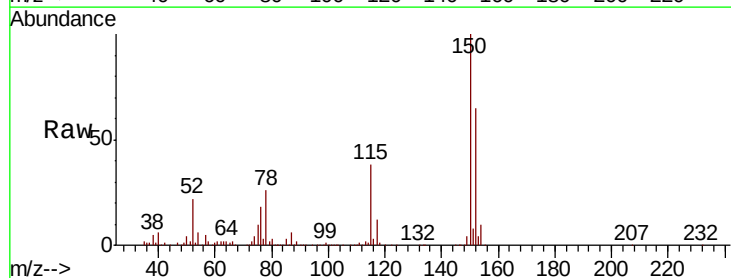
Instrument :
MSVOA_Y
ClientSampleId :
X089-SB-6

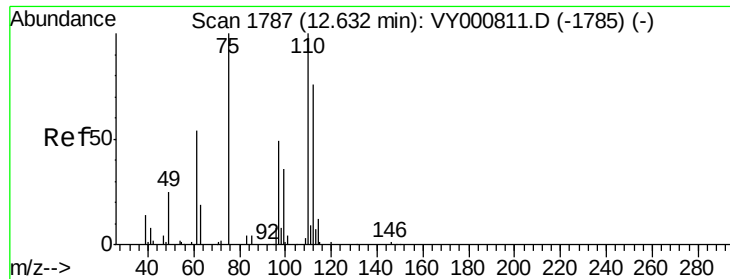
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.0	43.1	64.7
119	31.6	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000965.D
Acq: 16 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.3	87.8
150	154.4	0.0	351.2





#76

1,2,3-Trichloropropane

Concen: 43.401 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000965.D

Acq: 16 Dec 2019 19:09

Instrument :

MSVOA_Y

ClientSampleId :

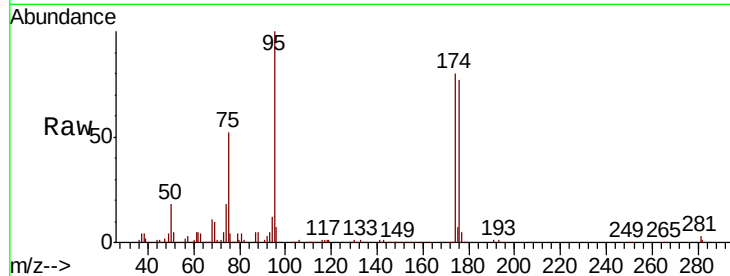
X089-SB-6

Tgt Ion: 75 Resp: 87730

Ion Ratio Lower Upper

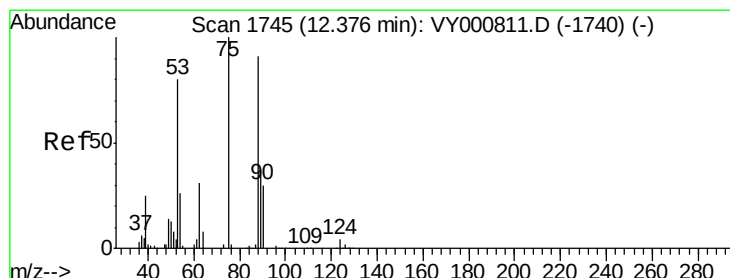
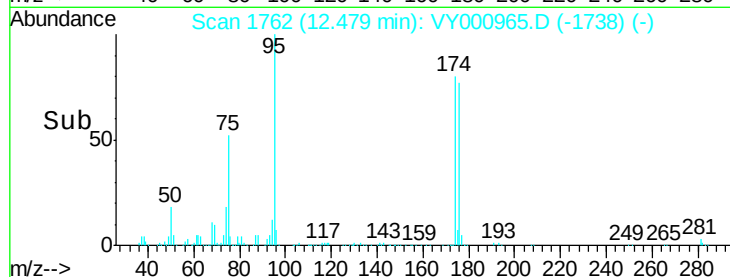
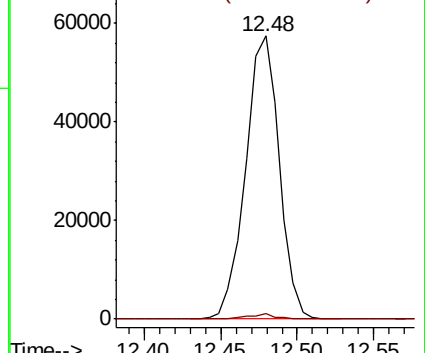
75 100

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: 85.251 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000965.D

Acq: 16 Dec 2019 19:09

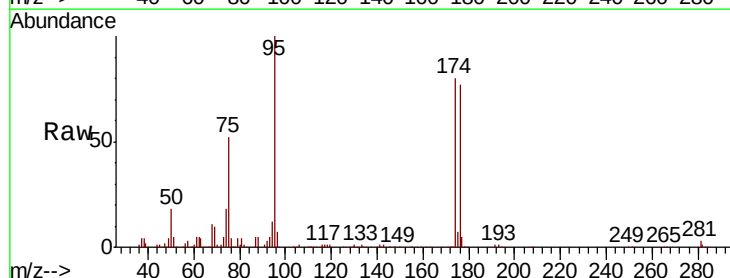
Tgt Ion: 75 Resp: 87730

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

