

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000848.D
 Acq On : 03 Dec 2019 18:54
 Operator : SY/MD
 Sample : K6119-04
 Misc : 4.64G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 04 00:59:22 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	235660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	452261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	404164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	178276	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	152826	61.03	ug/l	0.00
Spiked Amount			Recovery	=	122.06%	
35) Dibromofluoromethane	7.73	113	131503	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
50) Toluene-d8	10.18	98	539450	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.48	95	181385	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	

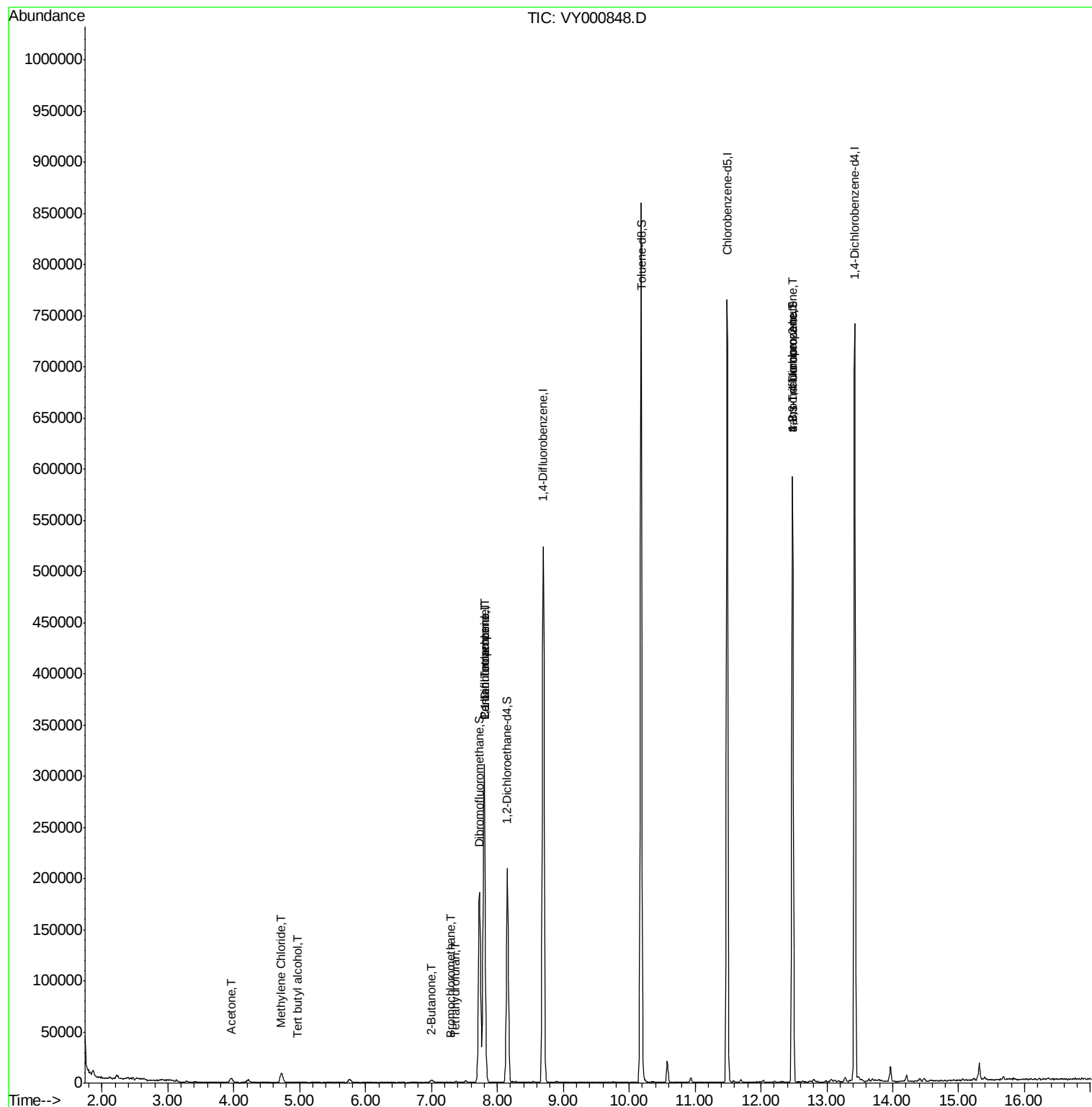
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.65	94	58	Below Cal	#	3
11) Tert butyl alcohol	4.96	59	639	2.536	ug/l #	74
16) Acetone	3.96	43	7378	12.844	ug/l #	84
20) Methylene Chloride	4.72	84	6739	2.226	ug/l #	85
25) 2-Butanone	7.00	43	1447	1.364	ug/l	91
28) Bromochloromethane	7.29	49	21	2.026	ug/l #	15
29) Tetrahydrofuran	7.36	42	832	1.183	ug/l #	81
36) 1,1-Dichloropropene	7.80	75	19851	4.414	ug/l #	51
38) Carbon Tetrachloride	7.80	117	23760	5.933	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	96448	47.750	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	96448	93.795	ug/l #	17

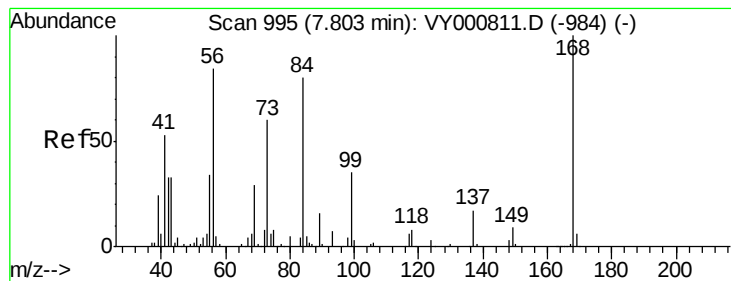
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
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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: VY000848.D

Acq: 03 Dec 2019 18:54

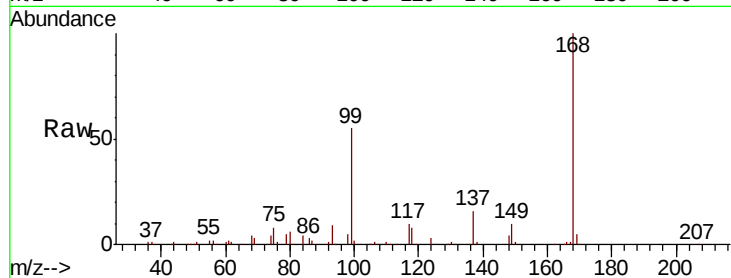
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 235660

Ion Ratio Lower Upper

168 100

99 55.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000848.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000848.D (-946) (-)

7.80

120000

100000

80000

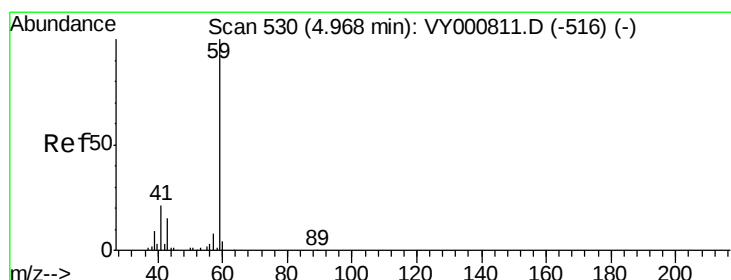
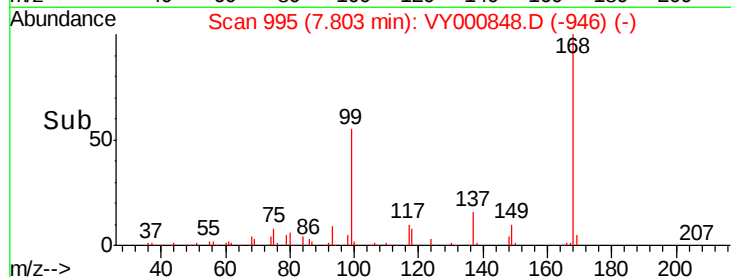
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.536 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY000848.D

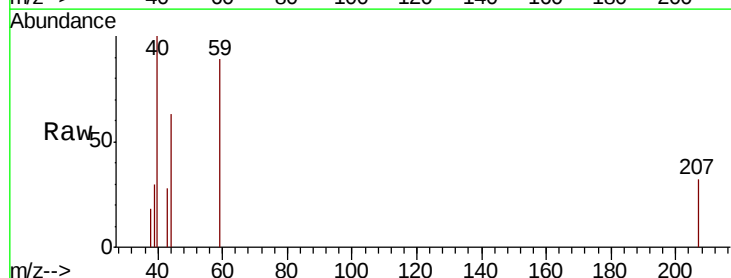
Acq: 03 Dec 2019 18:54

Tgt Ion: 59 Resp: 639

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY000848.D (-481) (-)

Ion 57.00 (56.70 to 57.70): VY000848.D (-481) (-)

4.96

300

250

200

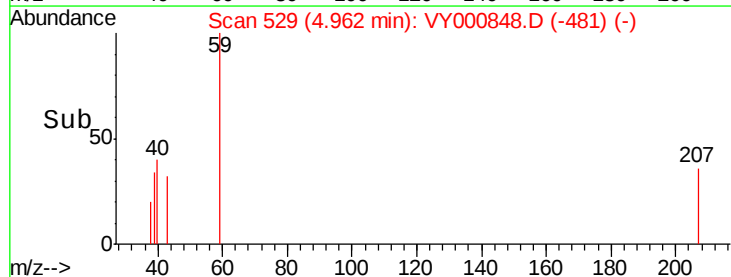
150

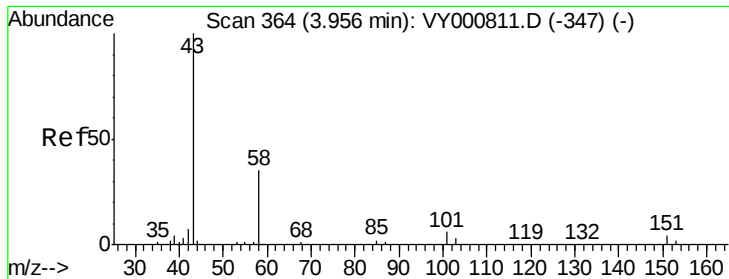
100

50

0

Time-->





#16

Acetone

Concen: 12.844 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000848.D

Acq: 03 Dec 2019 18:54

Instrument :

MSVOA_Y

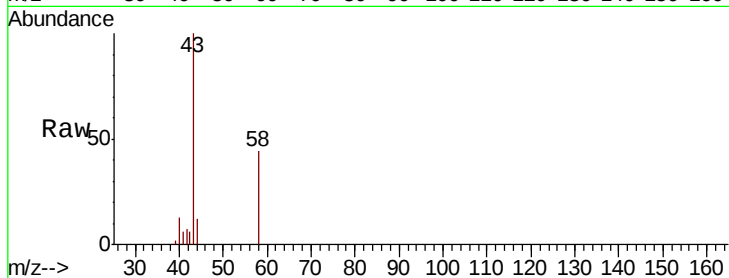
ClientSampled :

Tot Ion: 43 Resp: 7378

Ion Ratio Lower Upper

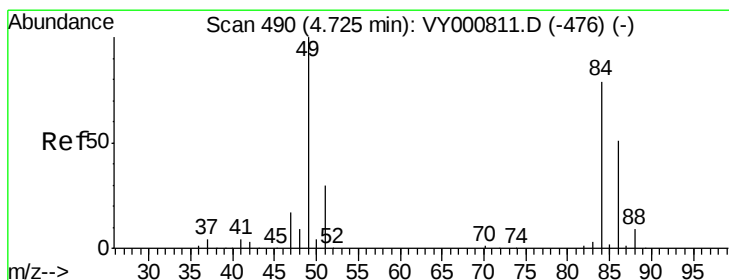
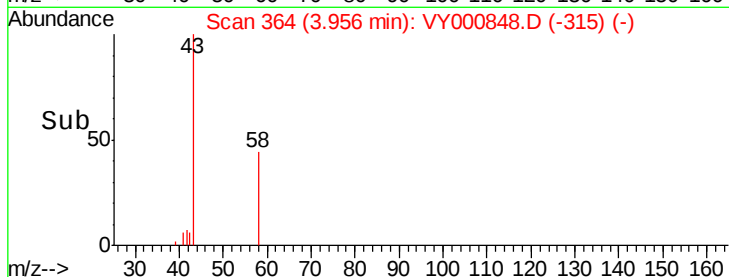
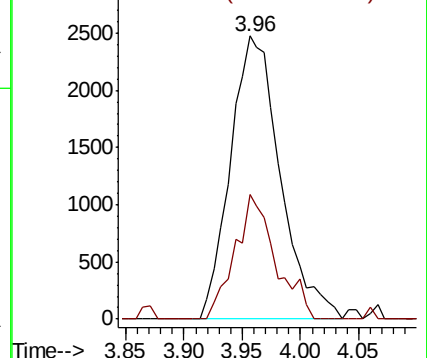
43 100

58 44.0 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 2.226 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY000848.D

Acq: 03 Dec 2019 18:54

Tgt Ion: 84 Resp: 6739

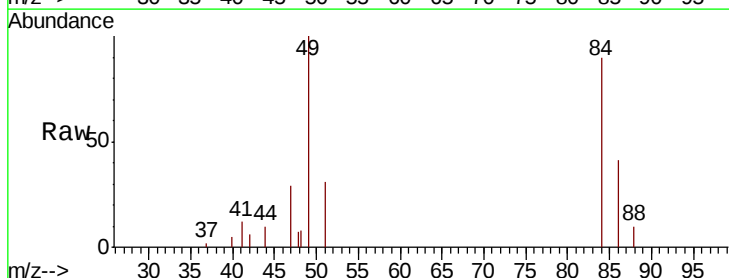
Ion Ratio Lower Upper

84 100

49 111.1 101.3 151.9

51 34.4 30.6 45.8

86 45.3 51.3 76.9#

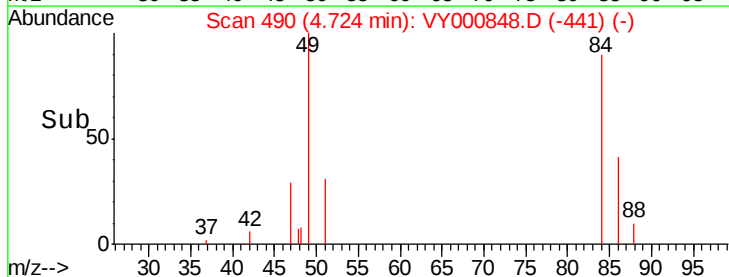
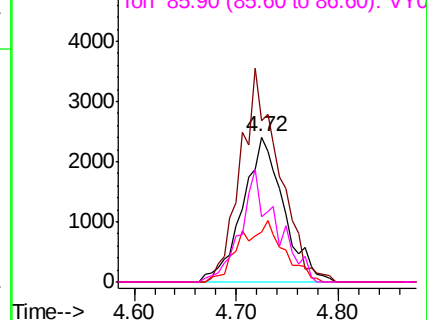


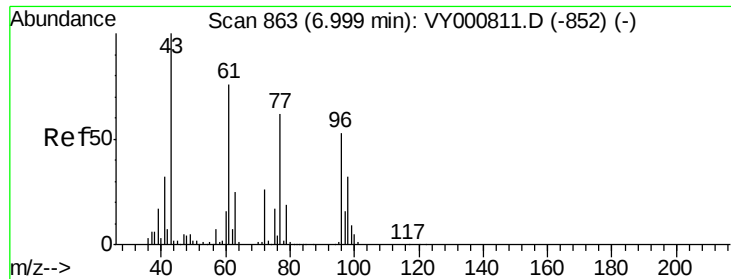
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

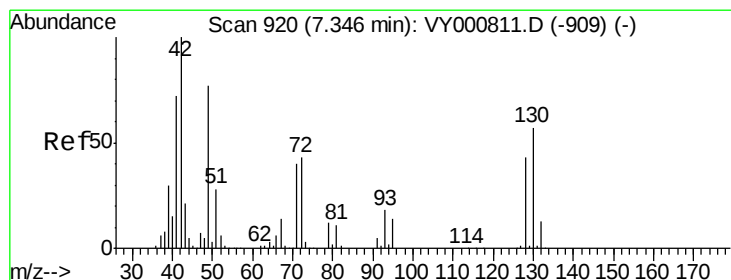
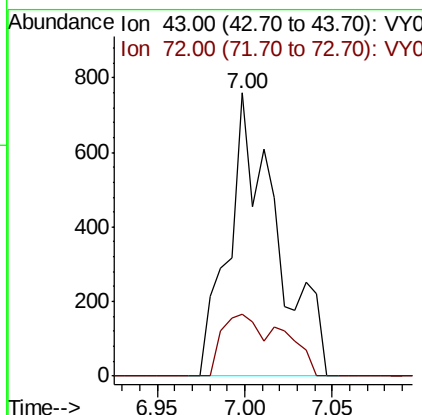
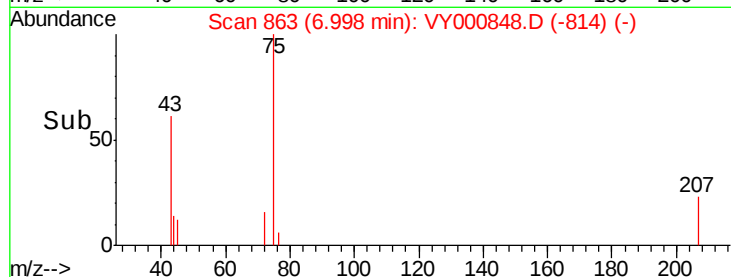
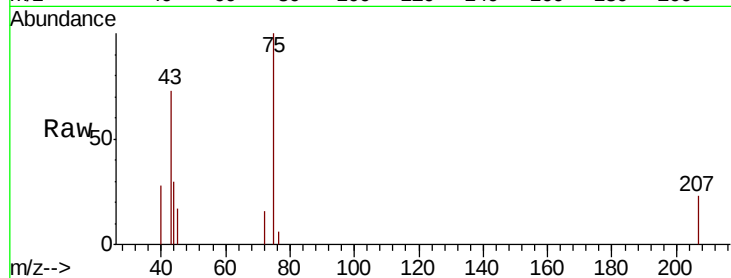




#25
2-Butanone
Concen: 1.364 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000848.D
Acq: 03 Dec 2019 18:54

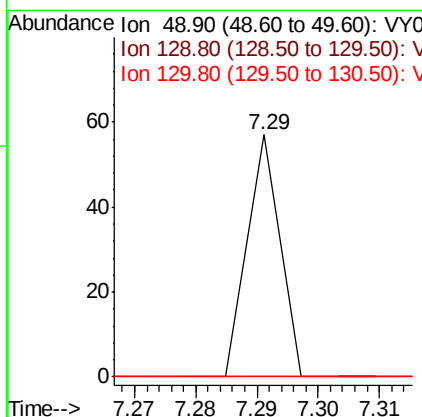
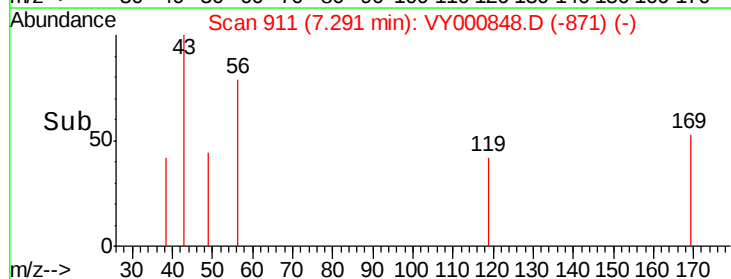
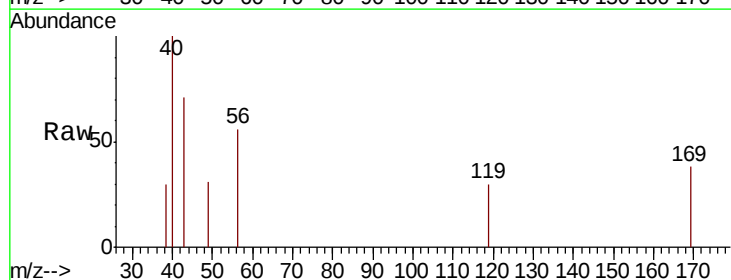
Instrument :
MSVOA_Y
ClientSampleId :

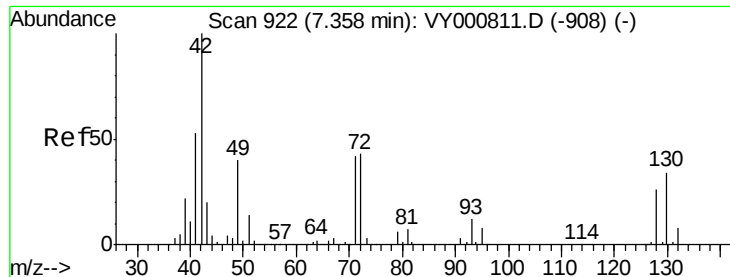
Tot Ion: 43 Resp: 1447
Ion Ratio Lower Upper
43 100
72 21.7 21.0 31.4



#28
Bromochloromethane
Concen: 2.026 ug/l
RT: 7.29 min Scan# 911
Delta R.T. -0.05 min
Lab File: VY000848.D
Acq: 03 Dec 2019 18:54

Tgt Ion: 49 Resp: 21
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 58.7 88.1#





#29

Tetrahydrofuran

Concen: 1.183 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY000848.D

Acq: 03 Dec 2019 18:54

Instrument :

MSVOA_Y

ClientSampled :

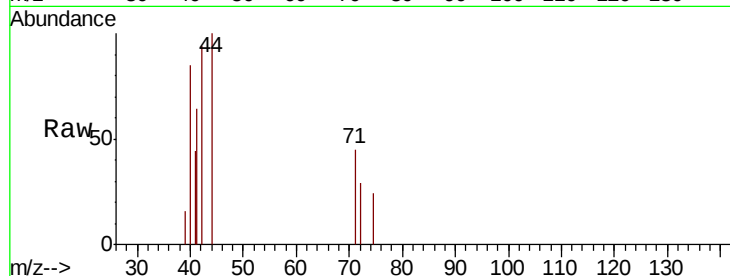
Tot Ion: 42 Resp: 832

Ion Ratio Lower Upper

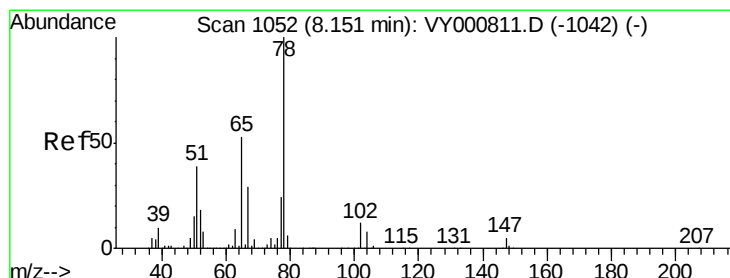
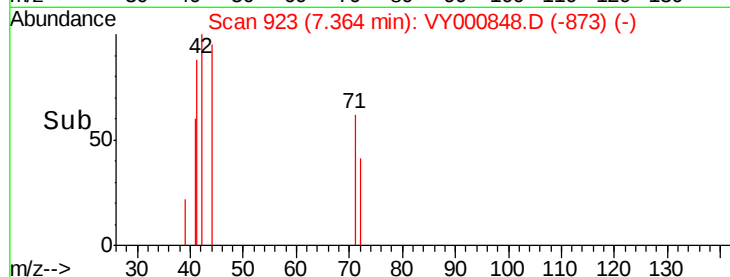
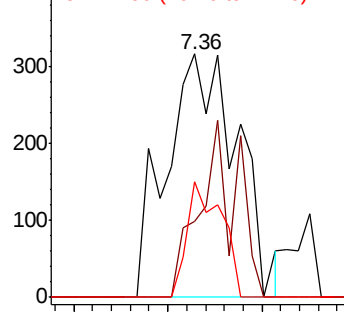
42 100

72 37.6 35.1 52.7

71 23.1 32.8 49.2#



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 61.031 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000848.D

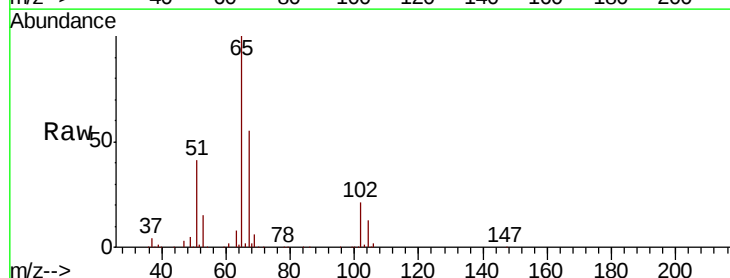
Acq: 03 Dec 2019 18:54

Tgt Ion: 65 Resp: 152826

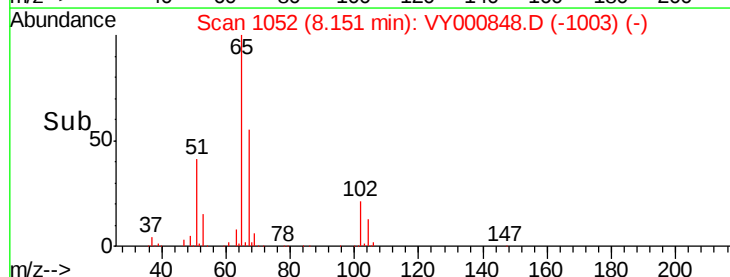
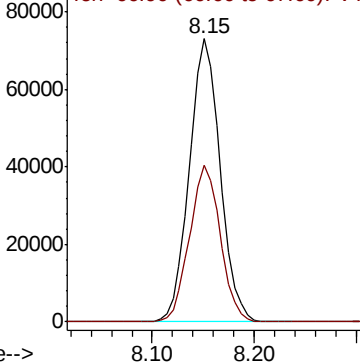
Ion Ratio Lower Upper

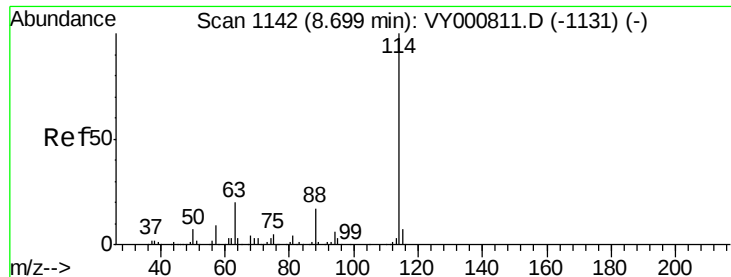
65 100

67 55.4 0.0 112.0



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

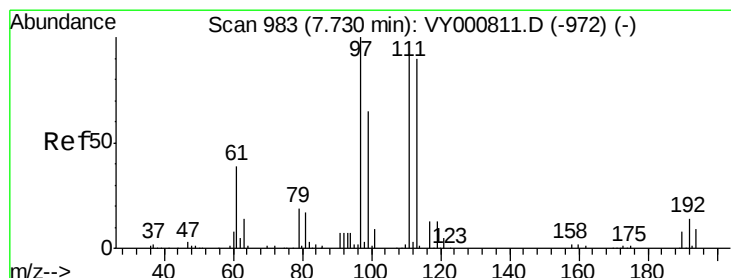
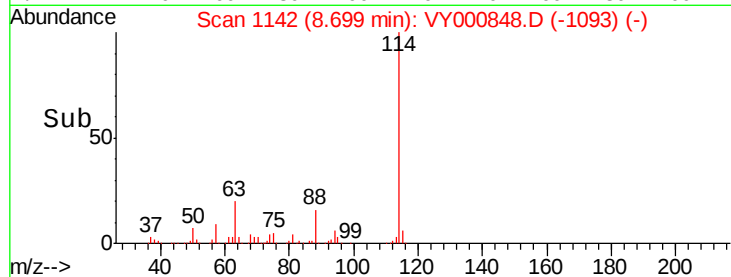
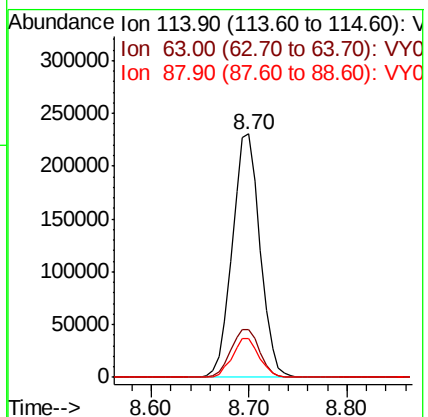
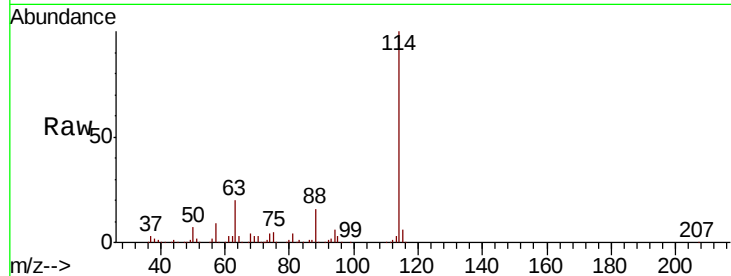




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000848.D
 Acq: 03 Dec 2019 18:54

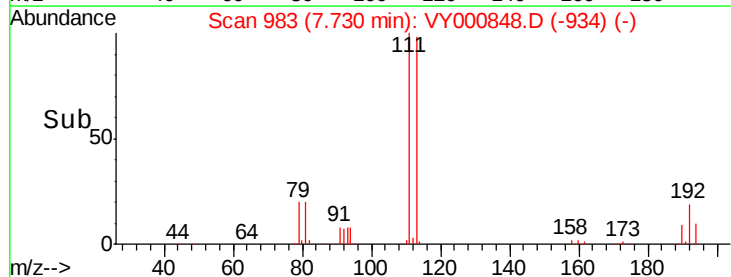
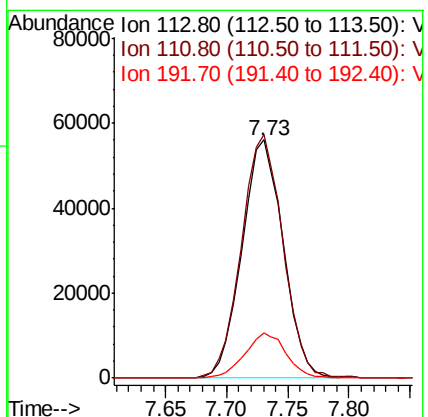
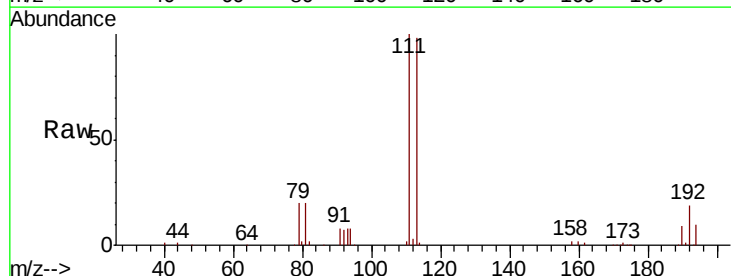
Instrument :
 MSVOA_Y
 ClientSampleId :

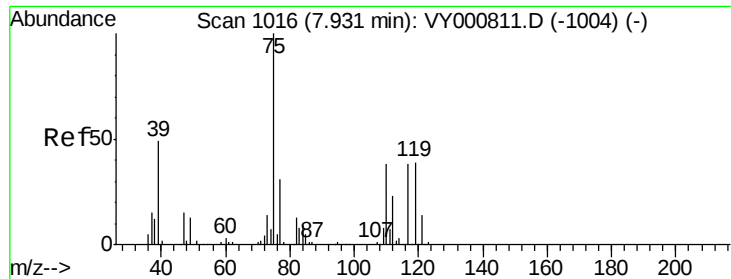
Tot Ion:114 Resp: 452261
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.7 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 49.892 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000848.D
 Acq: 03 Dec 2019 18:54

Tgt Ion:113 Resp: 131503
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 18.8 14.2 21.2

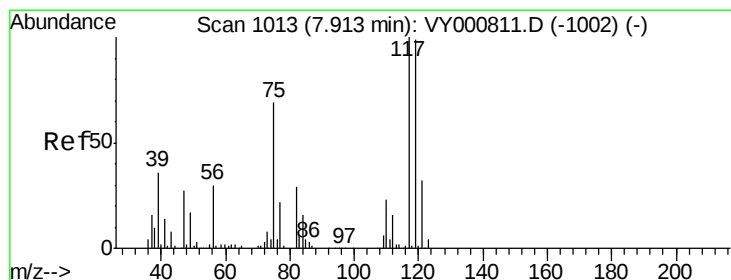
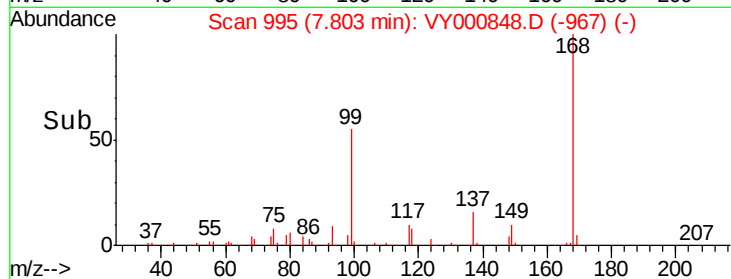
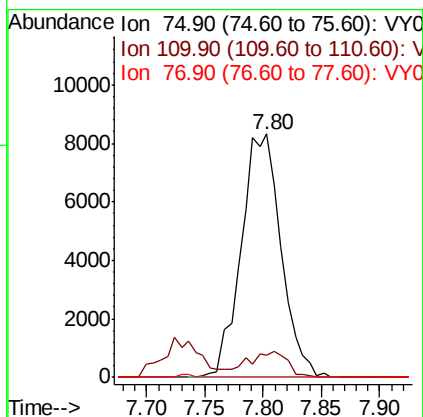
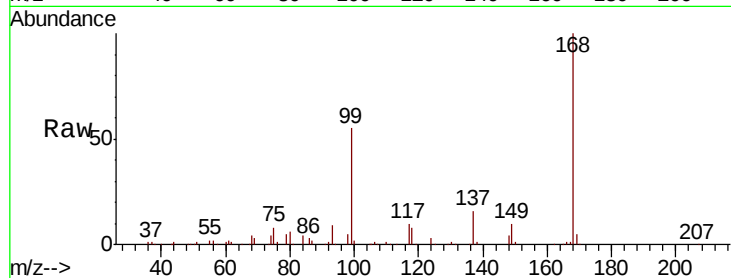




#36
 1,1-Dichloropropene
 Concen: 4.414 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000848.D
 Acq: 03 Dec 2019 18:54

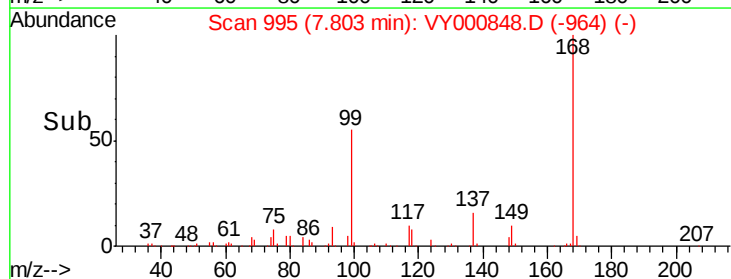
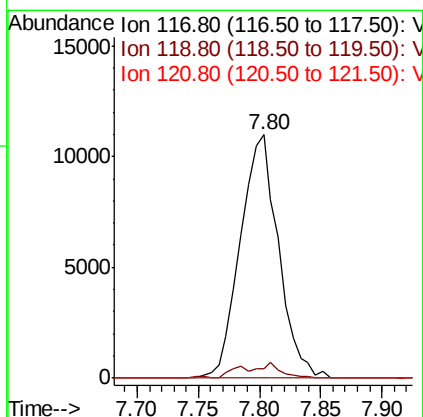
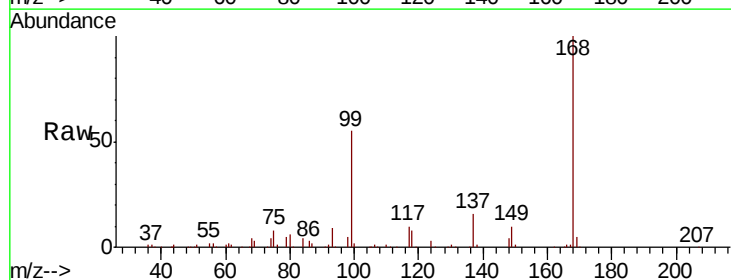
Instrument :
 MSVOA_Y
 ClientSampled :

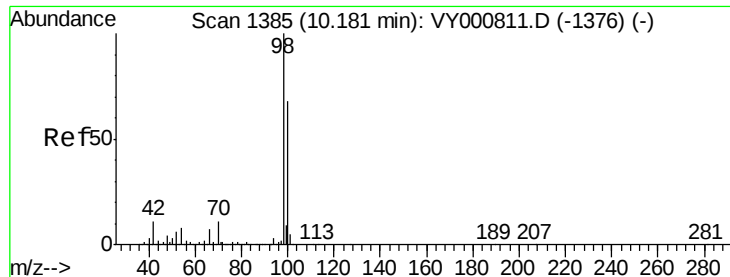
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.9	53.7#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.933 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000848.D
 Acq: 03 Dec 2019 18:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	79.3	118.9#
121	0.0	25.5	38.3#





#50

Toluene-d8

Concen: 51.192 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000848.D

Acq: 03 Dec 2019 18:54

Instrument :

MSVOA_Y

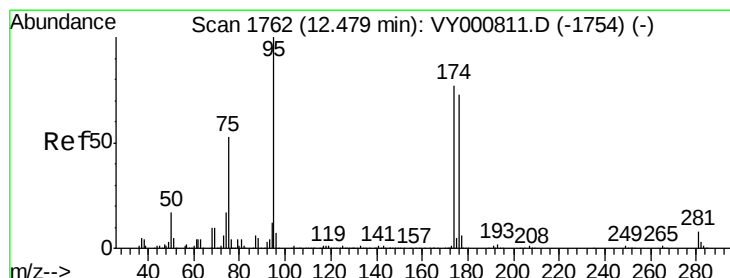
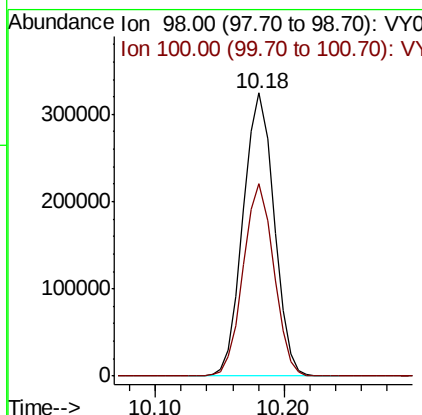
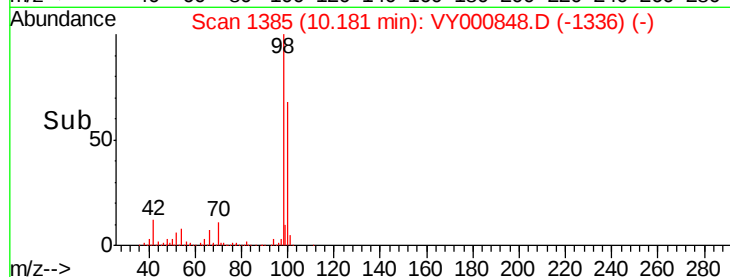
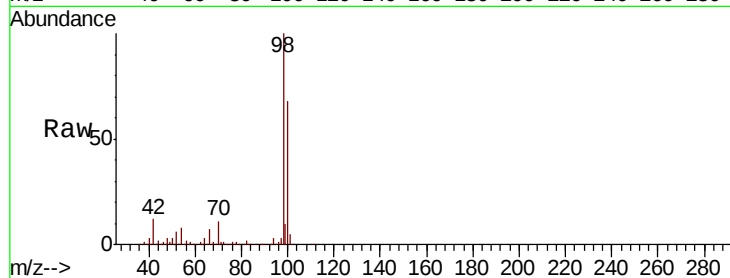
ClientSampleId :

Tot Ion: 98 Resp: 539450

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.834 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000848.D

Acq: 03 Dec 2019 18:54

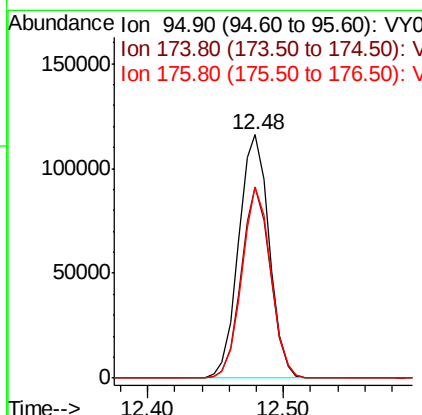
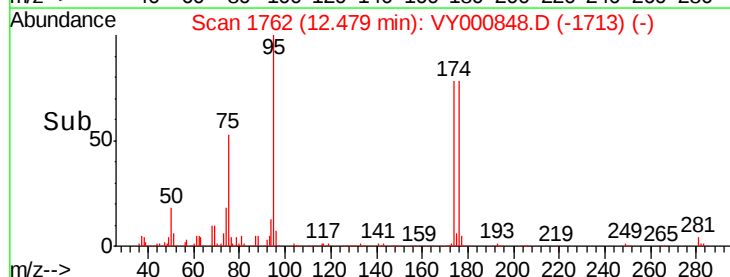
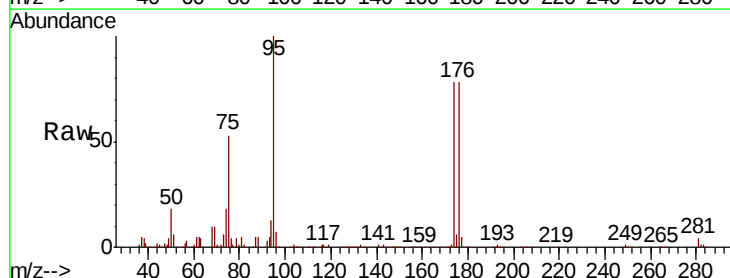
Tgt Ion: 95 Resp: 181385

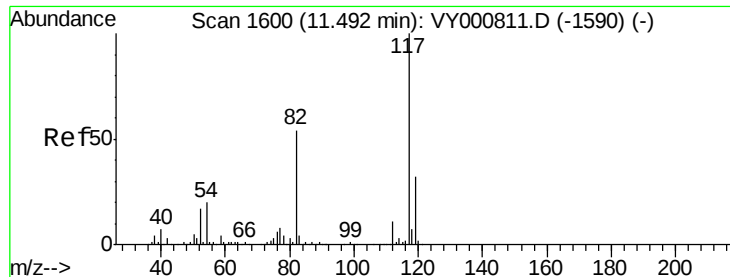
Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.6

176 74.7 0.0 145.2

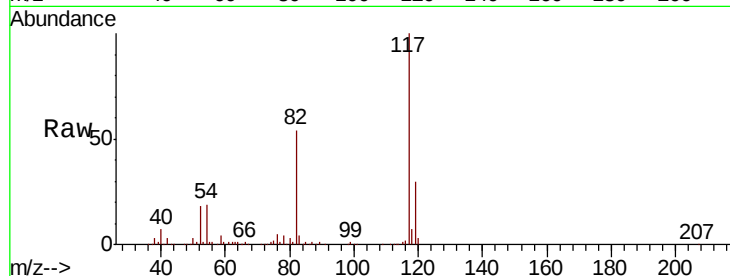




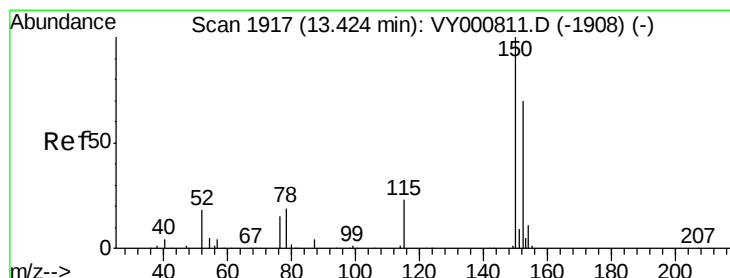
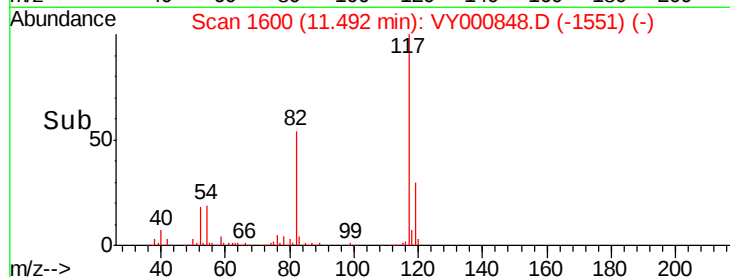
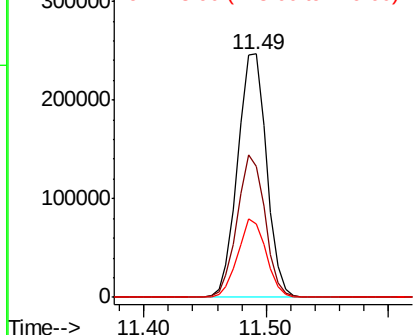
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000848.D
Acq: 03 Dec 2019 18:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 404164
Ion Ratio Lower Upper
117 100
82 53.9 43.1 64.7
119 30.2 25.3 37.9

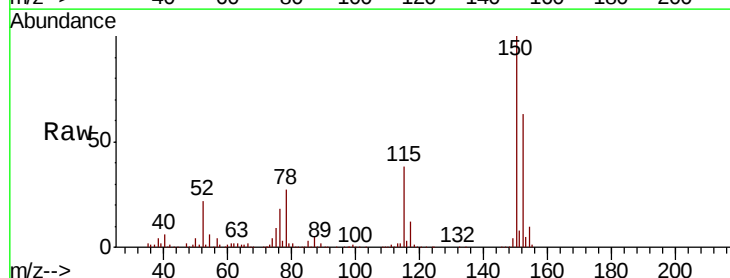


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

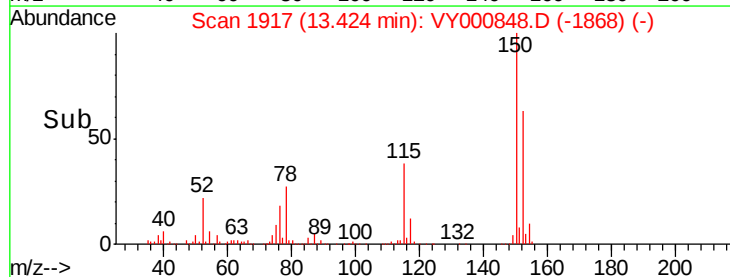
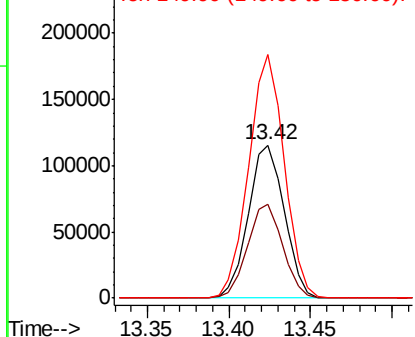


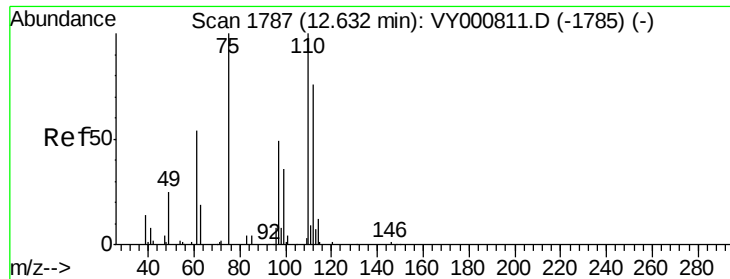
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000848.D
Acq: 03 Dec 2019 18:54

Tgt Ion:152 Resp: 178276
Ion Ratio Lower Upper
152 100
115 59.9 29.3 87.8
150 157.3 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: 47.750 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000848.D

Acq: 03 Dec 2019 18:54

Instrument :

MSVOA_Y

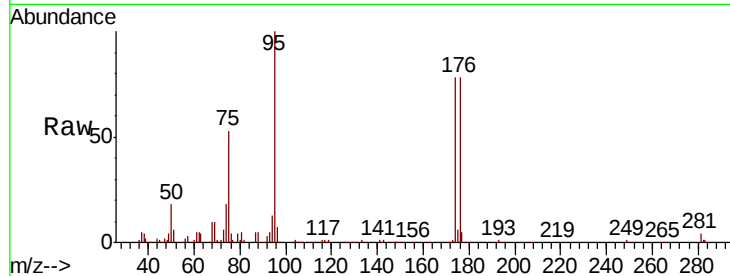
ClientSampleId :

Tot Ion: 75 Resp: 96448

Ion Ratio Lower Upper

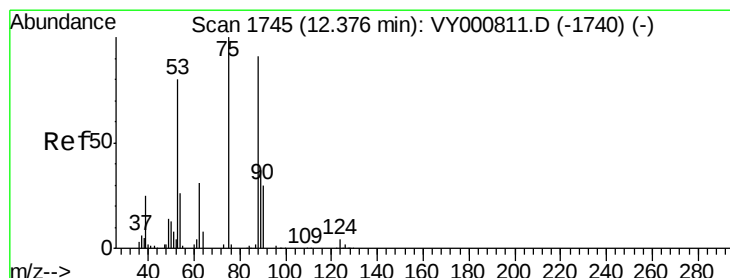
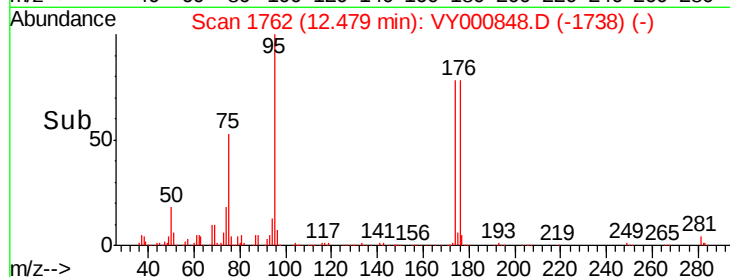
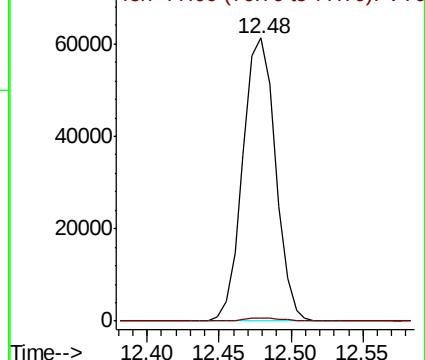
75 100

77 1.3 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: 93.795 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000848.D

Acq: 03 Dec 2019 18:54

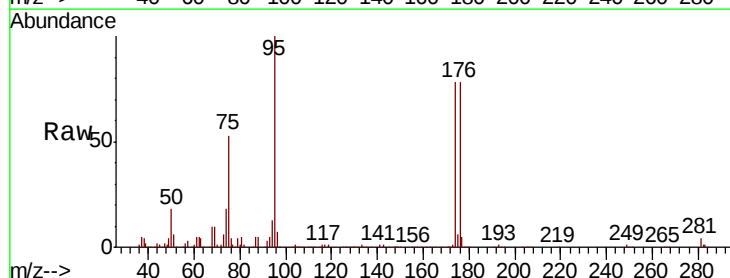
Tgt Ion: 75 Resp: 96448

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.1 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

