

Data File : VY000859.D
Acq On : 04 Dec 2019 13:34
Operator : SY/MD
Sample : K6119-09
Misc : 4.88G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(0-2)

Quant Time: Dec 05 07:54:16 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	245262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	461336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	420268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	185255	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	155289	59.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.18%	
35) Dibromofluoromethane	7.73	113	137138	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	10.18	98	552491	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.48	95	188926	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	

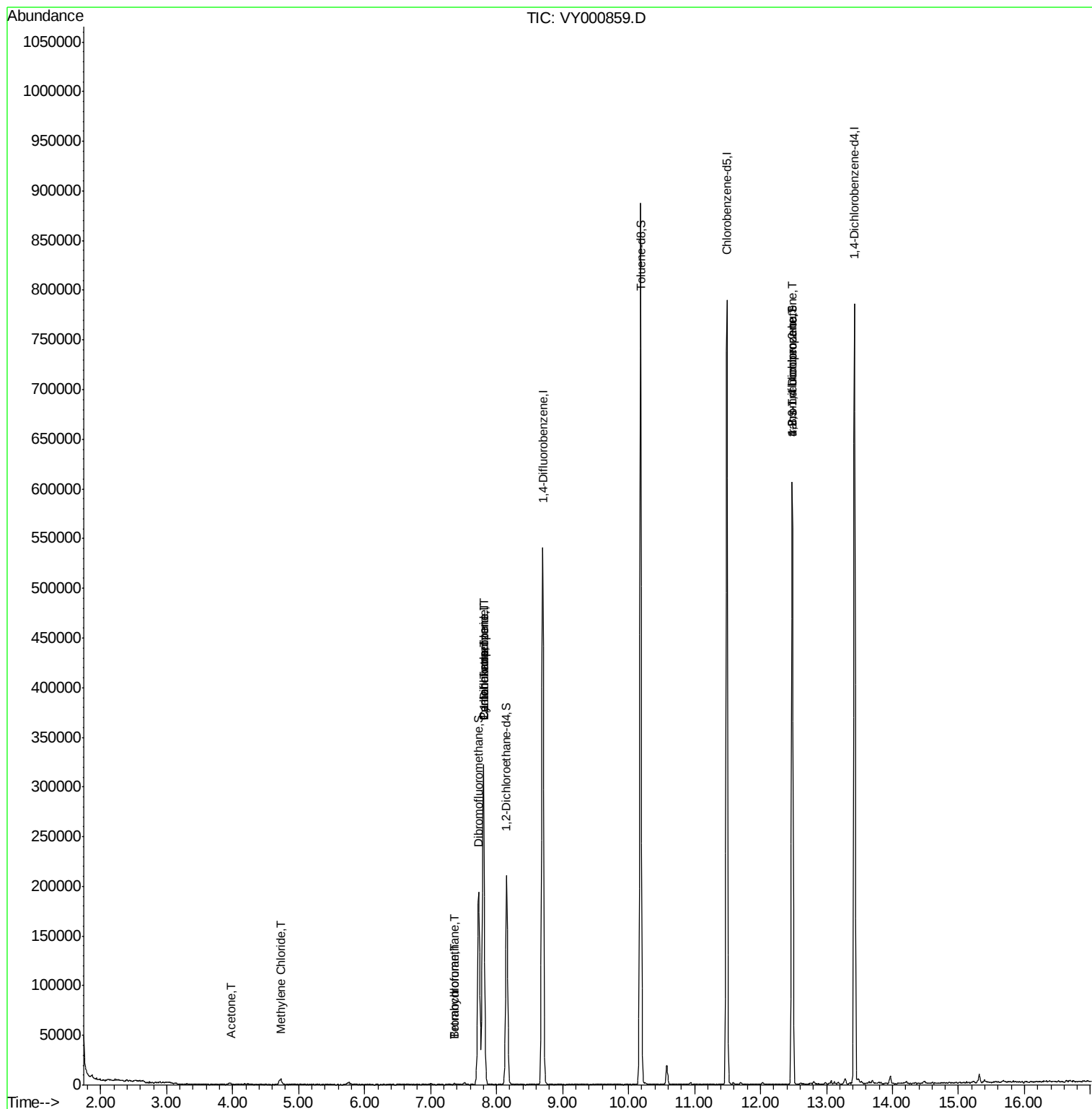
Target Compounds			Qvalue			
5) Bromomethane	2.64	94	48	Below Cal	#	3
16) Acetone	3.97	43	2742	4.587	ug/l #	87
20) Methylene Chloride	4.72	84	3974	1.261	ug/l #	85
28) Bromochloromethane	7.36	49	37	2.034	ug/l #	15
29) Tetrahydrofuran	7.37	42	1227	1.677	ug/l #	53
31) Cyclohexane	7.80	56	5745	1.038	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	20743	4.522	ug/l #	50
38) Carbon Tetrachloride	7.80	117	25265	6.185	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	95662	45.577	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	95662	89.526	ug/l #	17

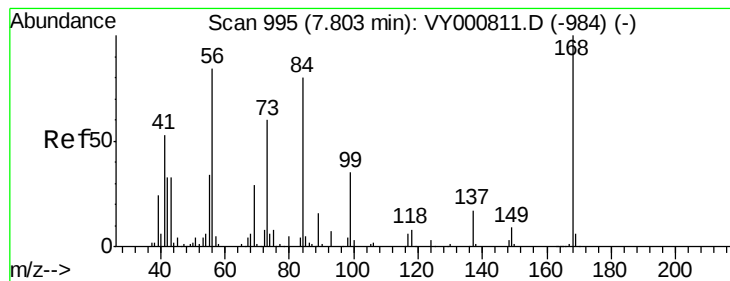
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000859.D

Acq: 04 Dec 2019 13:34

Instrument :

MSVOA_Y

ClientSampleId :

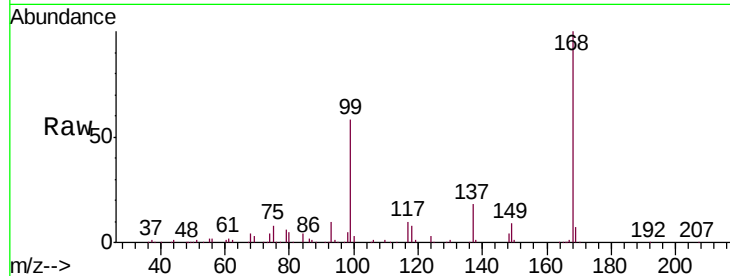
SB-2-(0-2)

Tgt Ion:168 Resp: 245262

Ion Ratio Lower Upper

168 100

99 58.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

120000

100000

80000

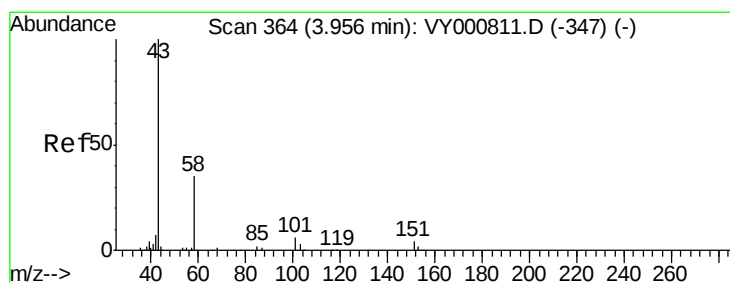
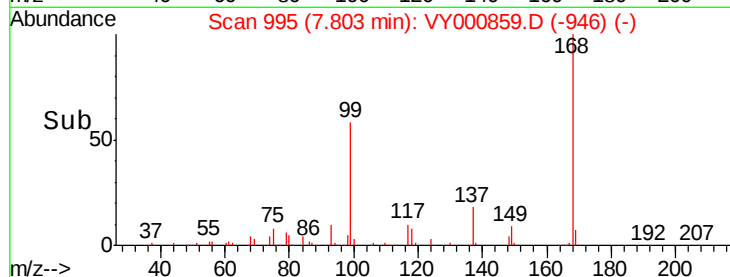
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 4.587 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000859.D

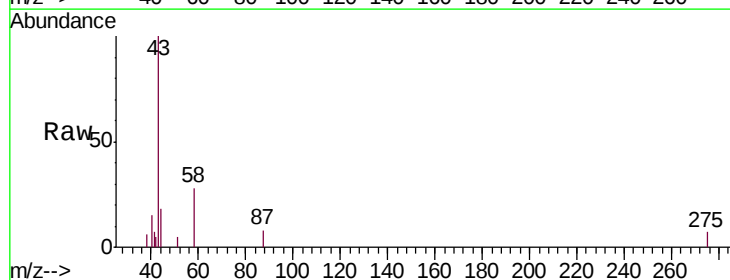
Acq: 04 Dec 2019 13:34

Tgt Ion: 43 Resp: 2742

Ion Ratio Lower Upper

43 100

58 27.7 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-347) (-)

3.97

1200

1000

800

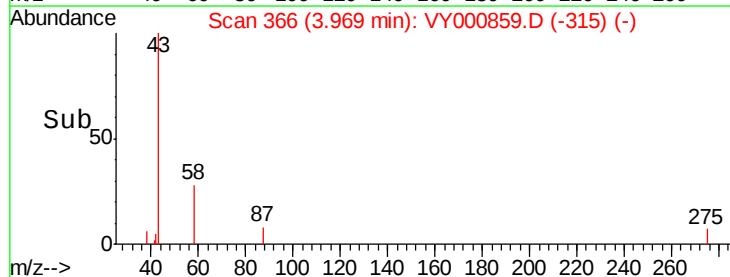
600

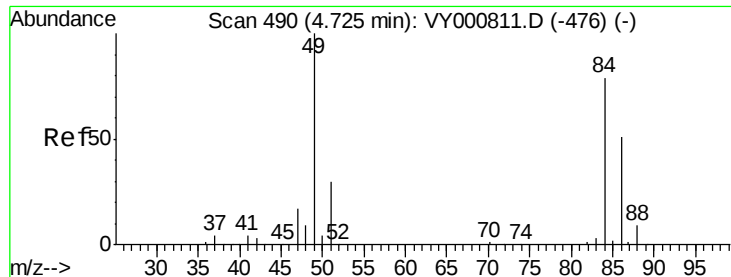
400

200

0

Time-->

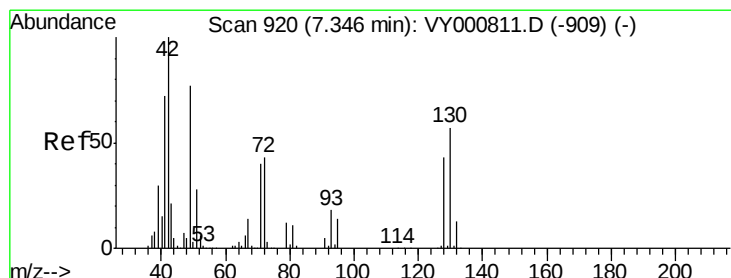
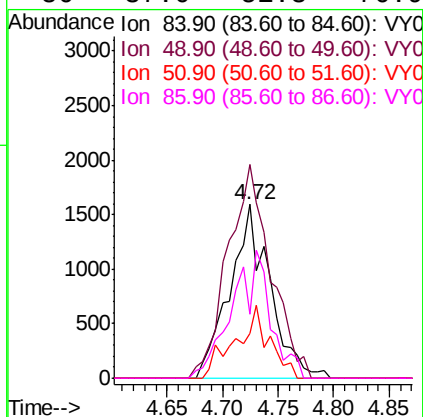
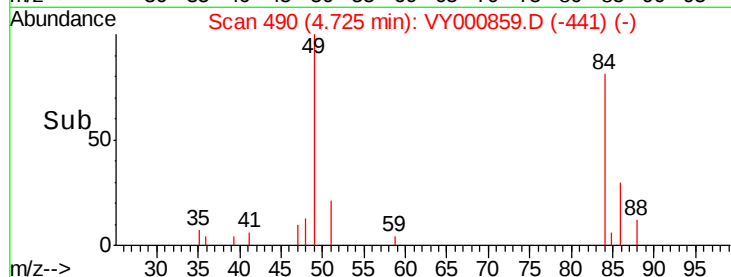
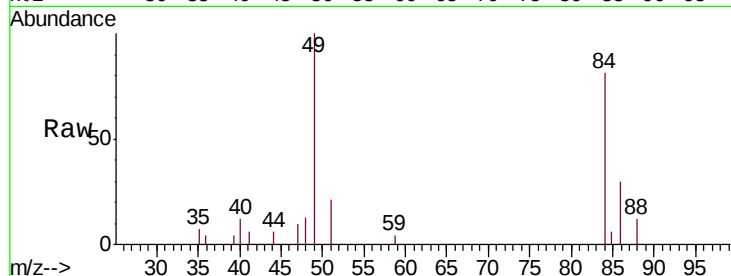




#20
Methylene Chloride
Concen: 1.261 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000859.D
Acq: 04 Dec 2019 13:34

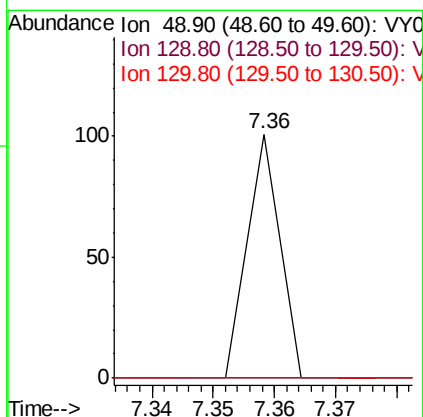
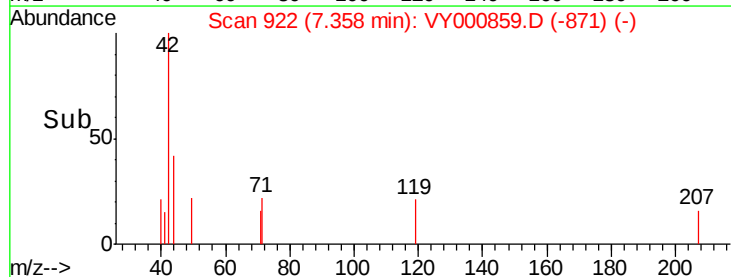
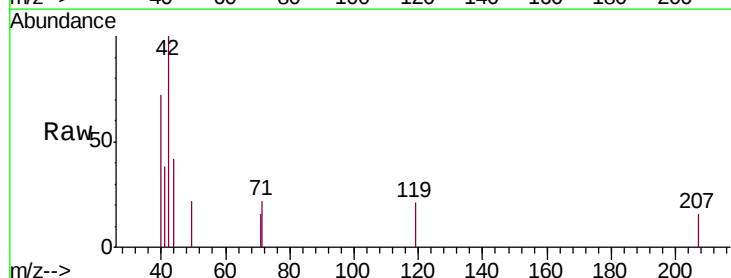
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(0-2)

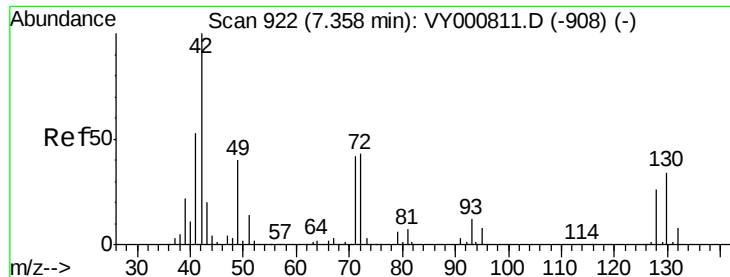
Tgt Ion: 84 Resp: 3974
Ion Ratio Lower Upper
84 100
49 123.0 101.3 151.9
51 26.1 30.6 45.8#
86 37.0 51.3 76.9#



#28
Bromochloromethane
Concen: 2.034 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000859.D
Acq: 04 Dec 2019 13:34

Tgt Ion: 49 Resp: 37
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 58.7 88.1#





#29

Tetrahydrofuran

Concen: 1.677 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY000859.D

Acq: 04 Dec 2019 13:34

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(0-2)

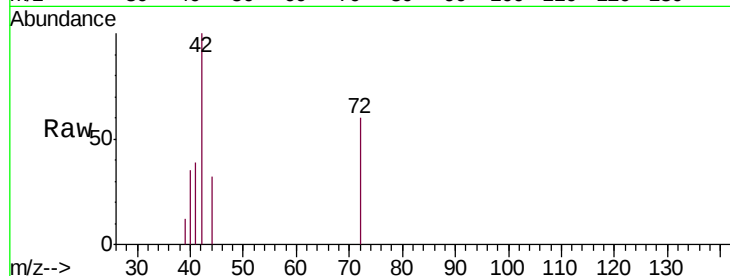
Tgt Ion: 42 Resp: 1227

Ion Ratio Lower Upper

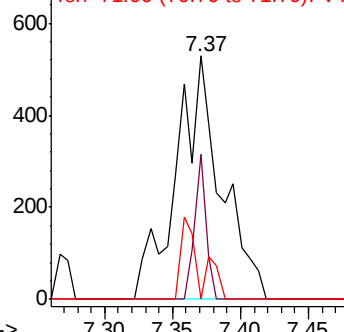
42 100

72 15.3 35.1 52.7#

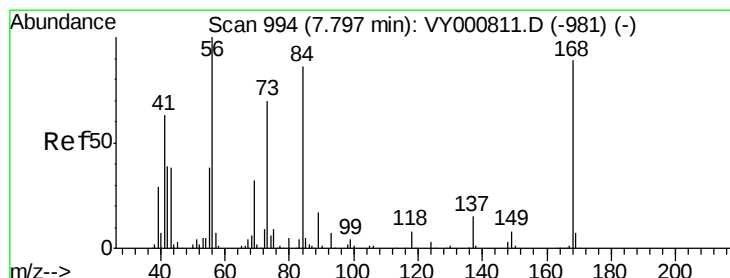
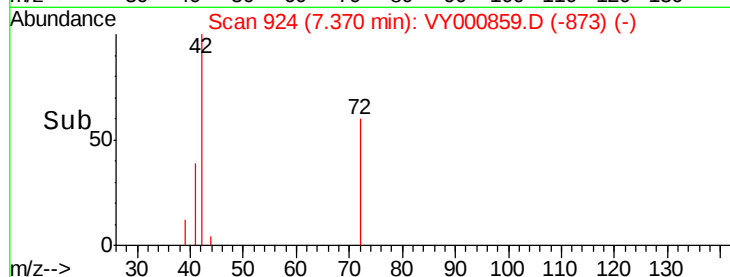
71 9.7 32.8 49.2#



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



Time-->



#31

Cyclohexane

Concen: 1.038 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY000859.D

Acq: 04 Dec 2019 13:34

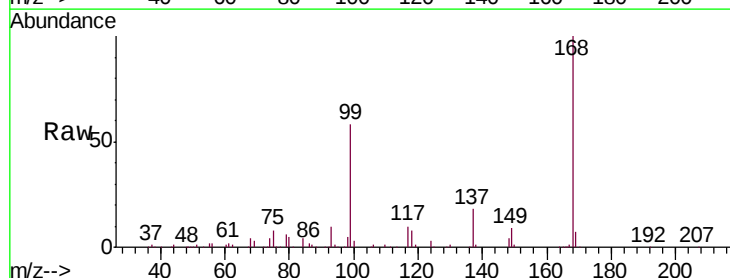
Tgt Ion: 56 Resp: 5745

Ion Ratio Lower Upper

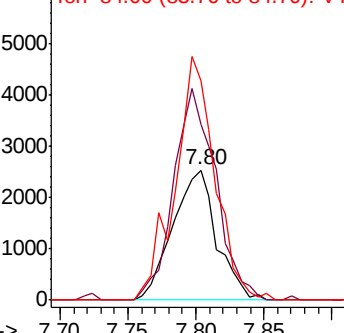
56 100

69 135.6 25.9 38.9#

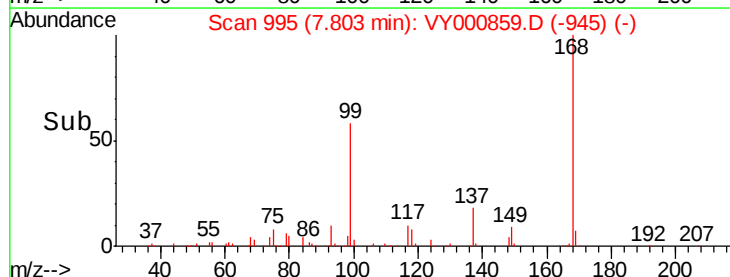
84 168.4 68.6 102.8#

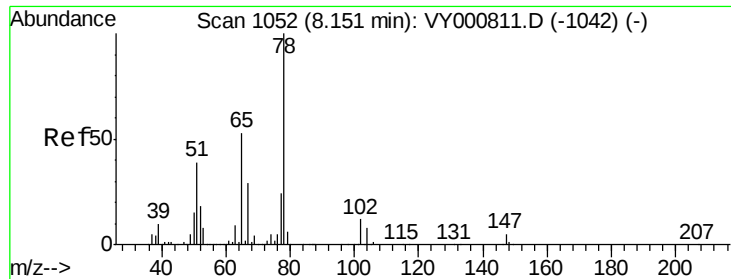


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



Time-->

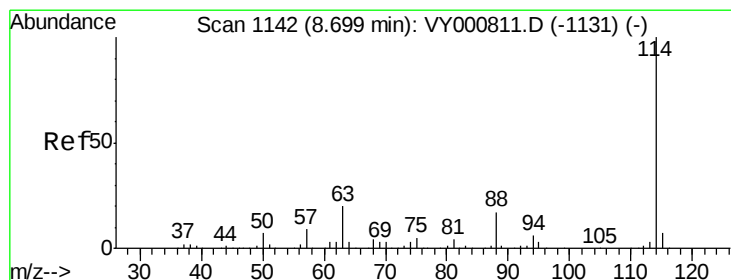
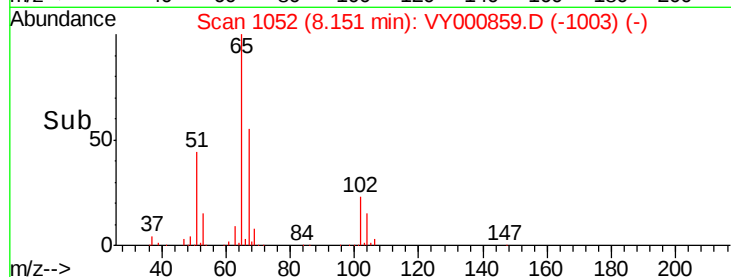
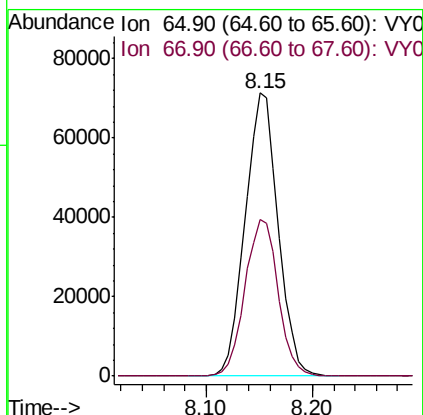
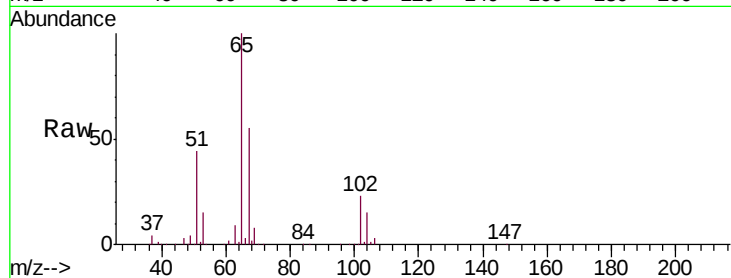




#33
 1,2-Dichloroethane-d4
 Concen: 59.586 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000859.D
 Acq: 04 Dec 2019 13:34

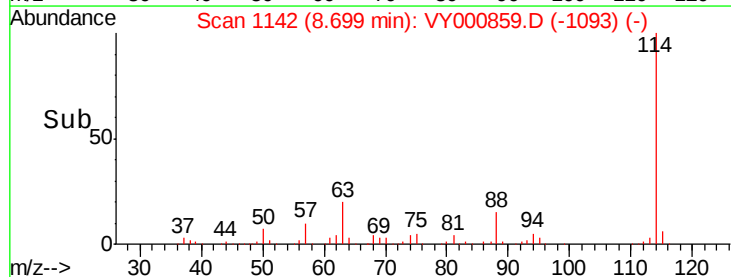
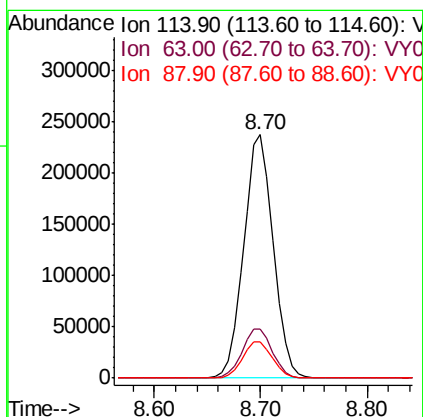
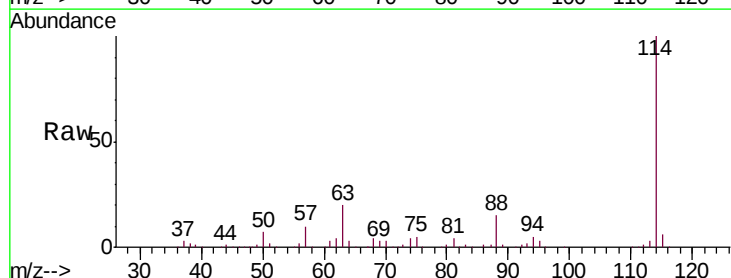
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(0-2)

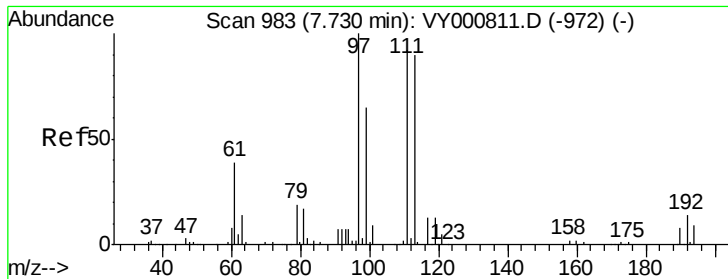
Tgt Ion: 65 Resp: 155289
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000859.D
 Acq: 04 Dec 2019 13:34

Tgt Ion: 114 Resp: 461336
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 14.9 0.0 33.2

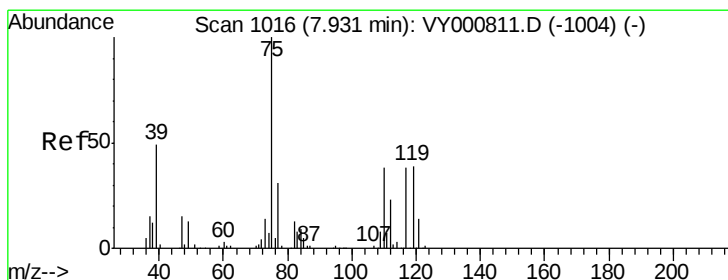
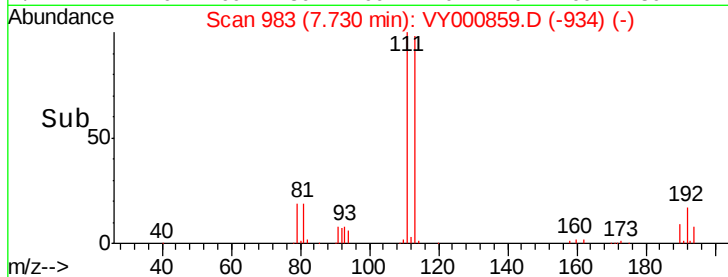
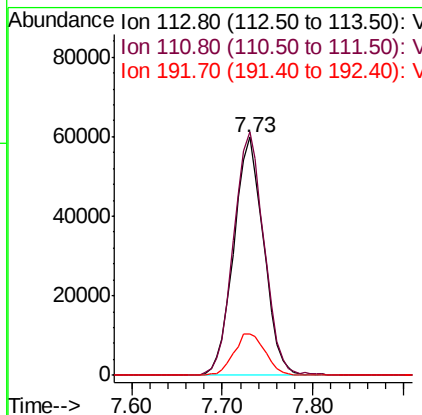
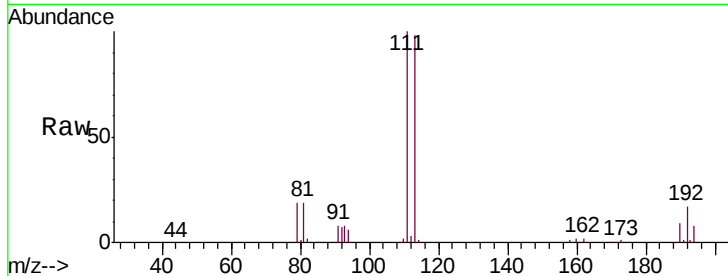




#35
 Dibromofluoromethane
 Concen: 51.006 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000859.D
 Acq: 04 Dec 2019 13:34

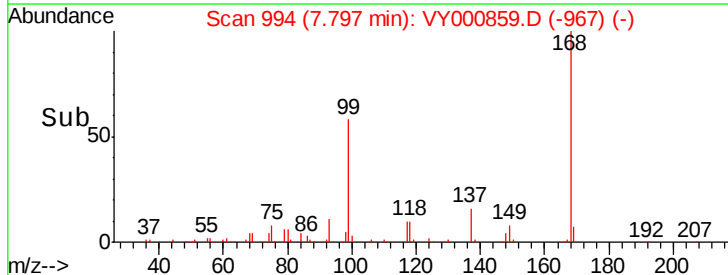
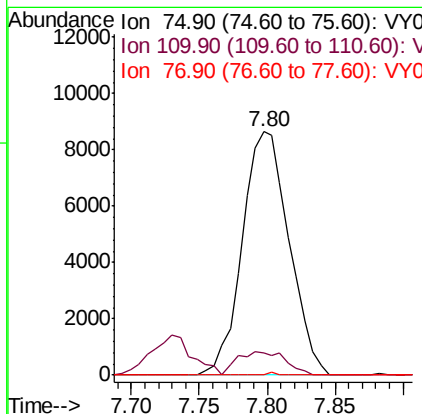
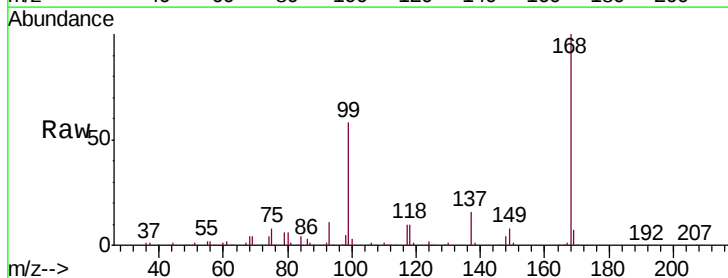
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(0-2)

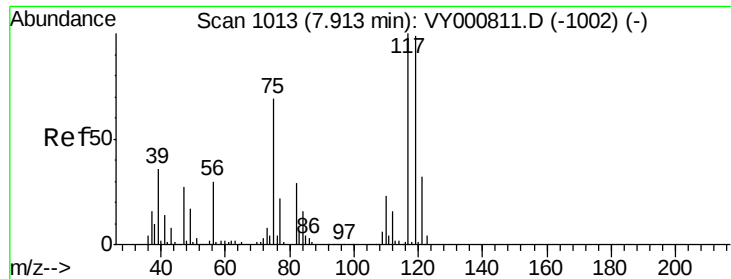
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.4	123.6
192	18.2	14.2	21.2



#36
 1,1-Dichloropropene
 Concen: 4.522 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000859.D
 Acq: 04 Dec 2019 13:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.9	53.7#
77	0.2	24.7	37.1#

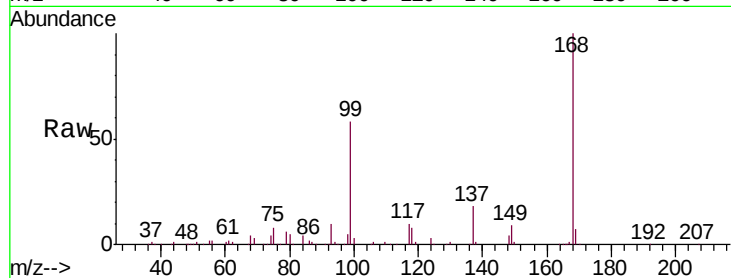




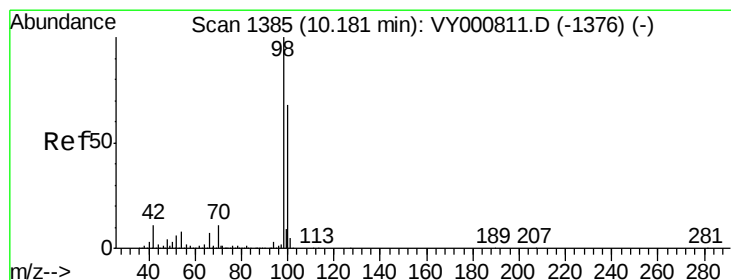
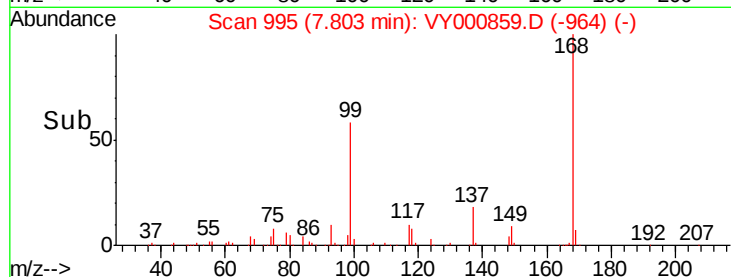
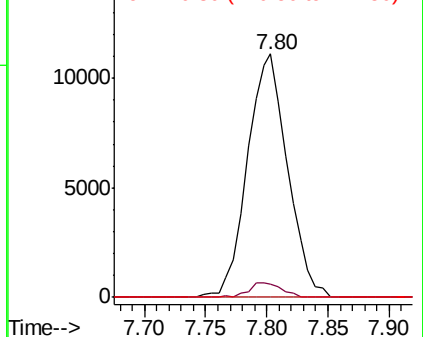
#38
Carbon Tetrachloride
Concen: 6.185 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000859.D
Acq: 04 Dec 2019 13:34

Instrument :
MSVOA_Y
ClientSampled :
SB-2-(0-2)

Tgt Ion:117 Resp: 25265
Ion Ratio Lower Upper
117 100
119 5.4 79.3 118.9#
121 0.0 25.5 38.3#

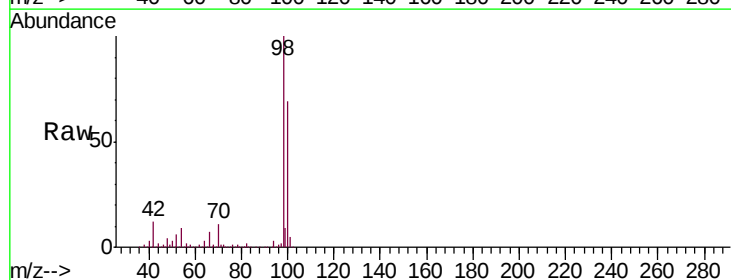


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

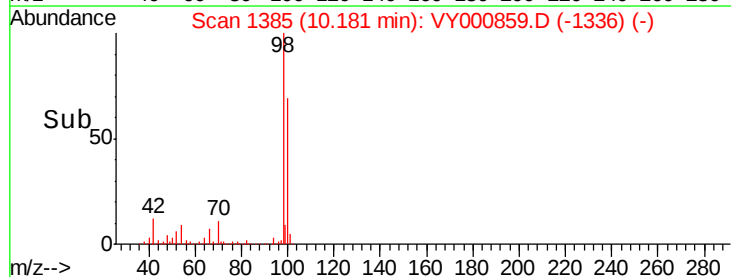
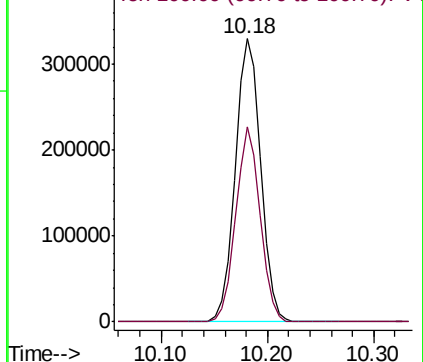


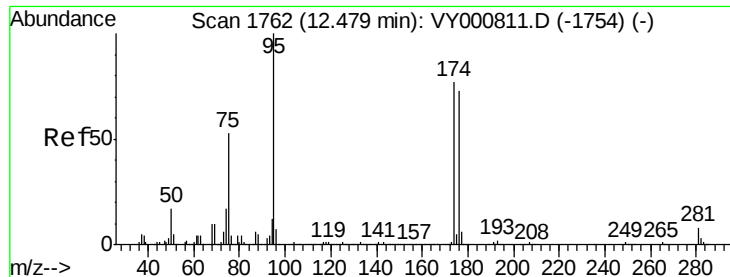
#50
Toluene-d8
Concen: 51.399 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000859.D
Acq: 04 Dec 2019 13:34

Tgt Ion: 98 Resp: 552491
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

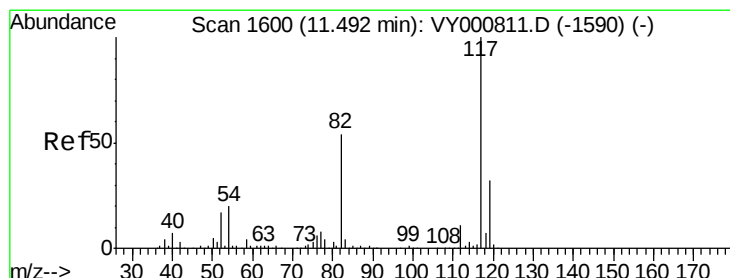
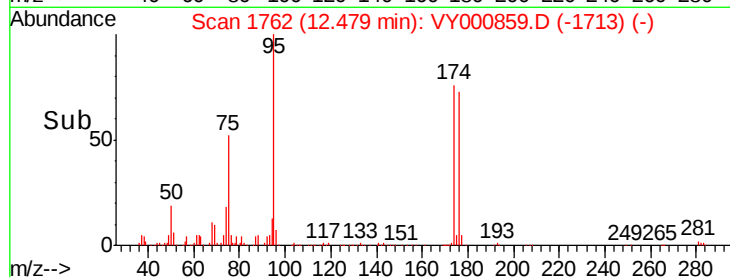
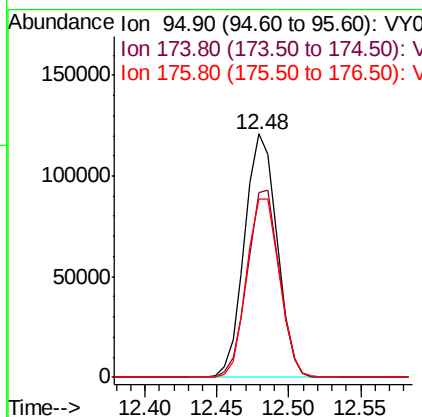
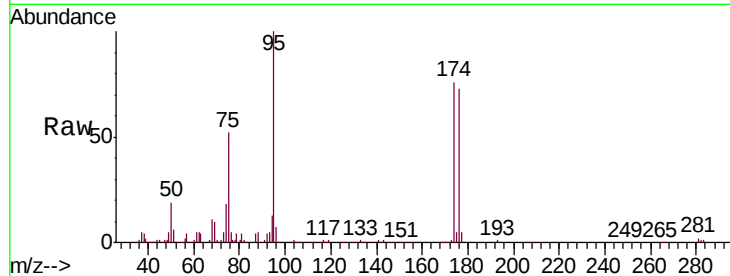




#62
4-Bromofluorobenzene
Concen: 46.800 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000859.D
Acq: 04 Dec 2019 13:34

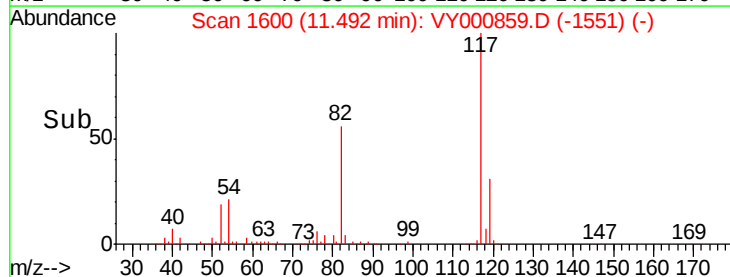
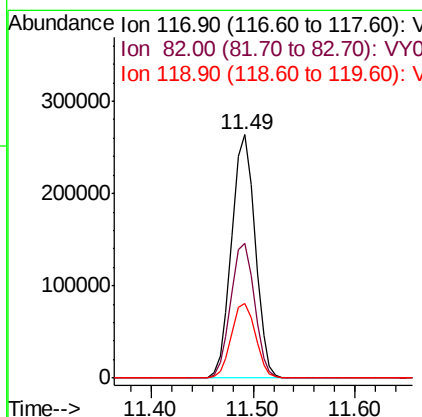
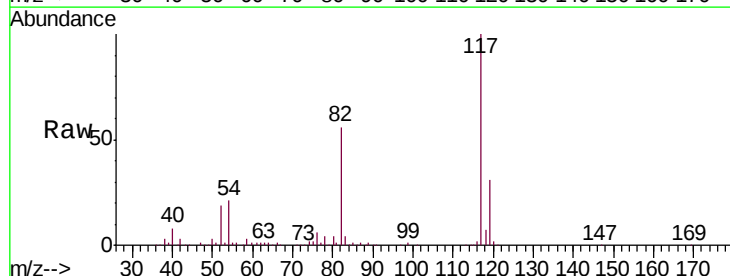
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(0-2)

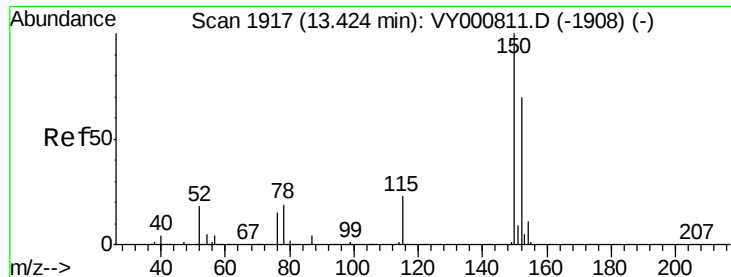
Tgt Ion: 95 Resp: 188926
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.6
176 74.2 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000859.D
Acq: 04 Dec 2019 13:34

Tgt Ion: 117 Resp: 420268
Ion Ratio Lower Upper
117 100
82 55.5 43.1 64.7
119 30.7 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: VY000859.D

Acq: 04 Dec 2019 13:34

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(0-2)

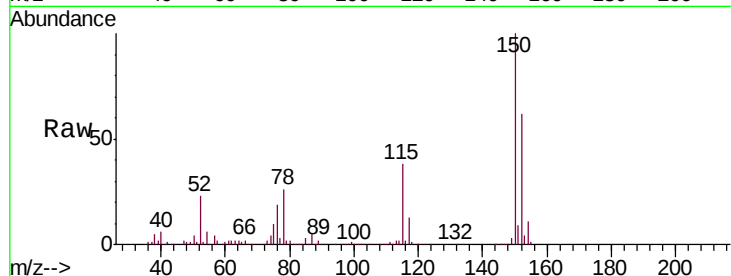
Tgt Ion:152 Resp: 185255

Ion Ratio Lower Upper

152 100

115 61.8 29.3 87.8

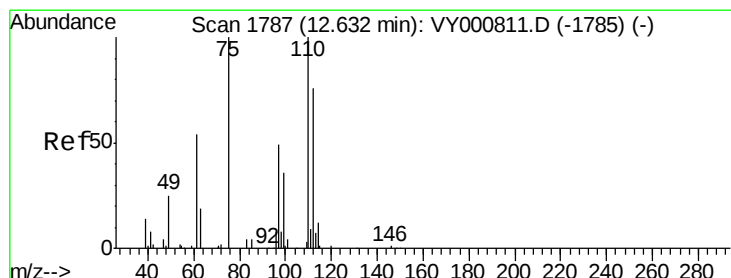
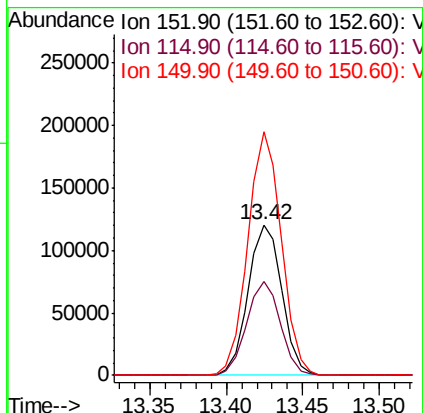
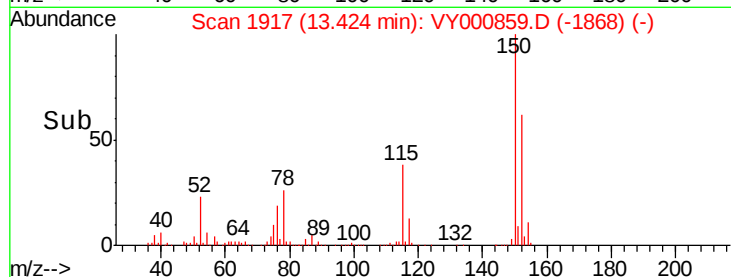
150 160.3 0.0 351.2



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: 45.577 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000859.D

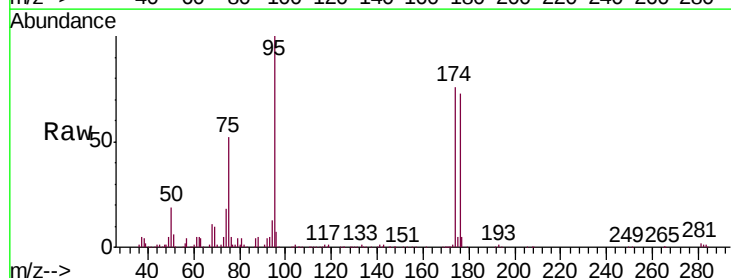
Acq: 04 Dec 2019 13:34

Tgt Ion: 75 Resp: 95662

Ion Ratio Lower Upper

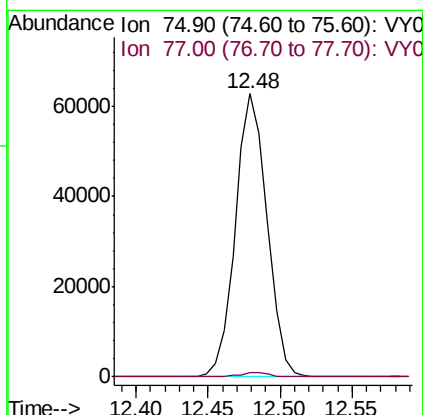
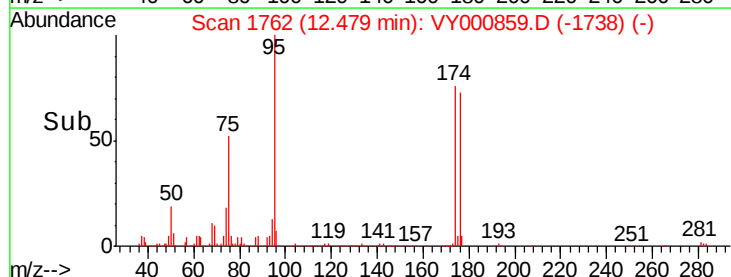
75 100

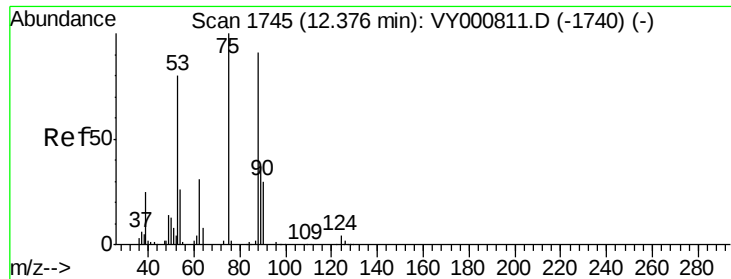
77 1.5 0.0 0.0#



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: 89.526 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000859.D

Acq: 04 Dec 2019 13:34

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(0-2)

Tgt Ion: 75 Resp: 95662

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.2 33.6 50.4#

