

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092319\
 Data File : VY000132.D
 Acq On : 23 Sep 2019 15:20
 Operator : SY/MD
 Sample : VY0923SBL01
 Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBL01

Quant Time: Sep 24 05:21:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 05:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	101720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	205771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	178465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	70423	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	61074	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
35) Dibromofluoromethane	7.72	113	58977	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	10.18	98	242724	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.48	95	79857	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	

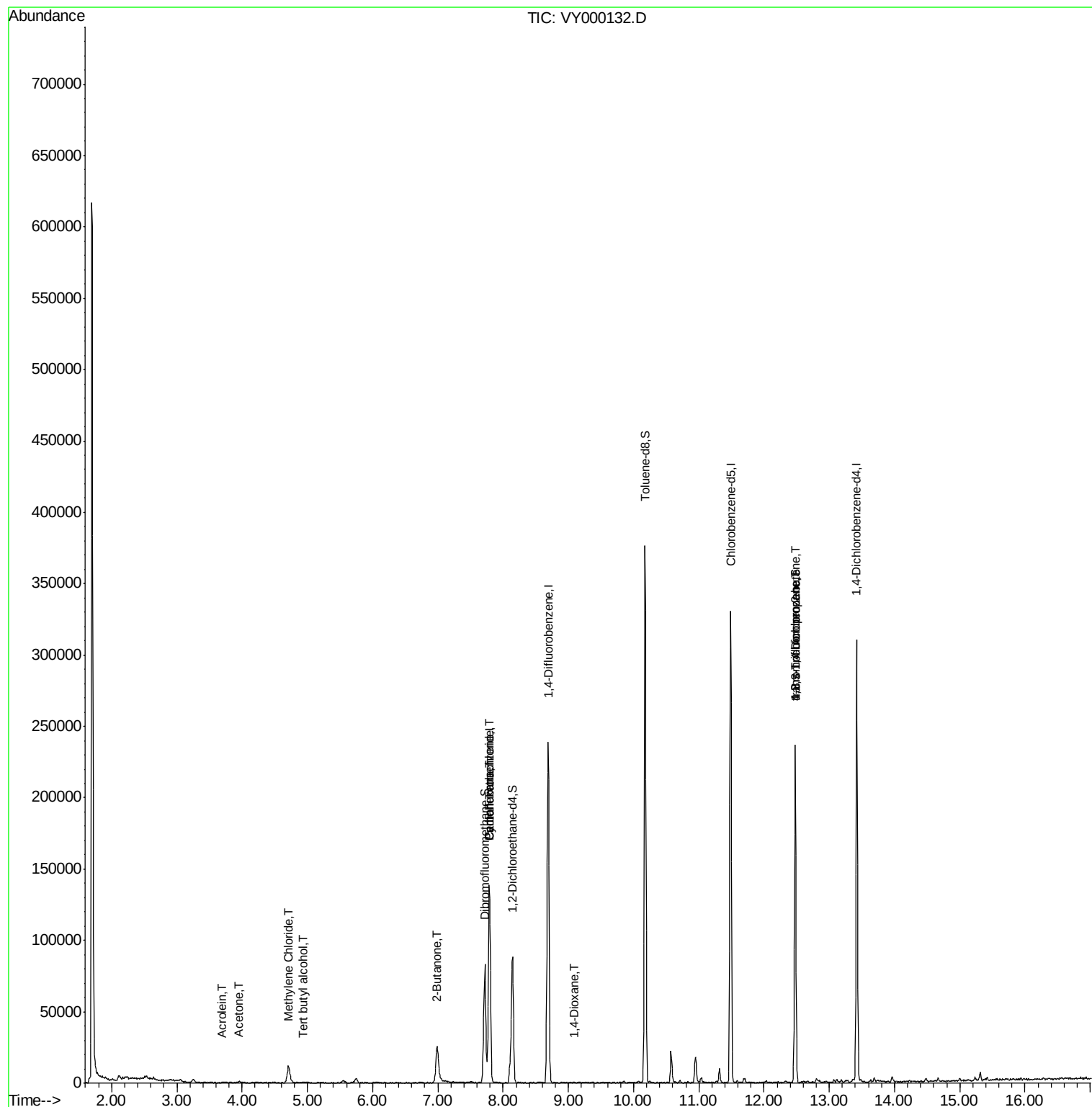
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	2713	Below Cal	#	87
11) Tert butyl alcohol	4.95	59	202	1.673	ug/l #	72
13) Acrolein	3.70	56	132	2.691	ug/l #	20
16) Acetone	3.95	43	1293	5.688	ug/l #	57
20) Methylene Chloride	4.71	84	8618	5.642	ug/l	96
25) 2-Butanone	6.99	43	577	1.368	ug/l	91
31) Cyclohexane	7.79	56	2607	1.146	ug/l #	1
38) Carbon Tetrachloride	7.79	117	10443	6.386	ug/l #	20
49) 1,4-Dioxane	9.09	88	41	3.288	ug/l #	33
76) 1,2,3-Trichloropropane	12.48	75	39412	53.402	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	39412	87.779	ug/l #	19

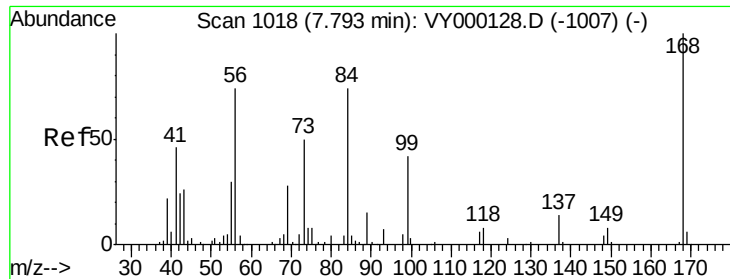
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY092319\
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Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 24 05:21:48 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY000132.D

Acq: 23 Sep 2019 15:20

Instrument :

MSVOA_Y

ClientSampleId :

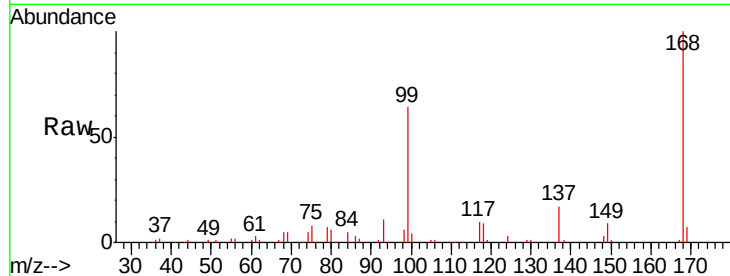
VY0923SBL01

Tgt Ion:168 Resp: 101720

Ion Ratio Lower Upper

168 100

99 63.8 49.9 74.9



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.79

50000

40000

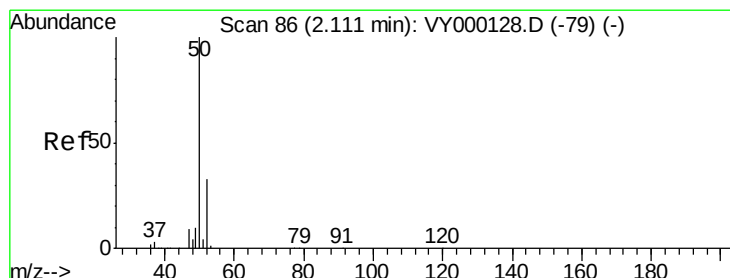
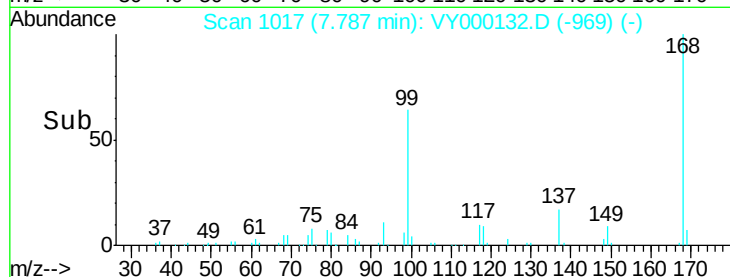
30000

20000

10000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.11 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY000132.D

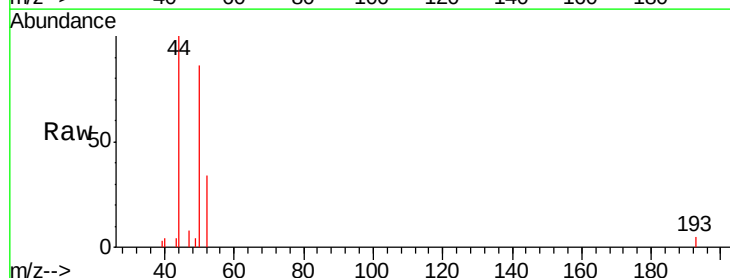
Acq: 23 Sep 2019 15:20

Tgt Ion: 50 Resp: 2713

Ion Ratio Lower Upper

50 100

52 39.9 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

2000

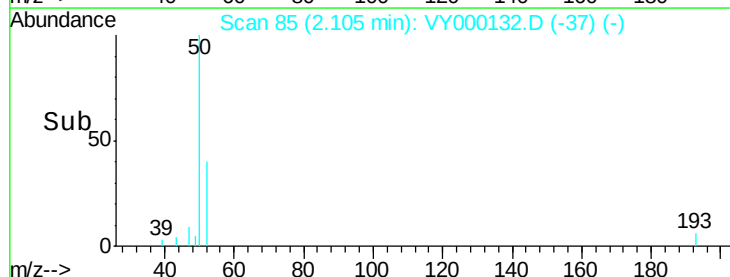
1500

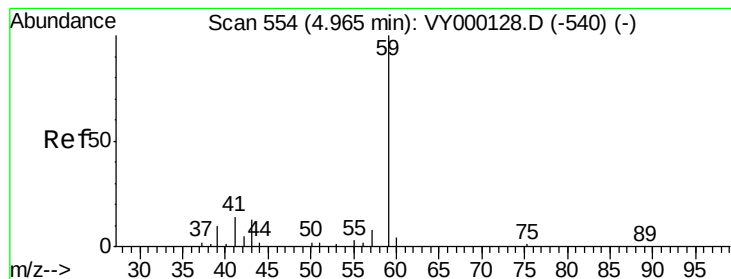
1000

500

0

Time-->



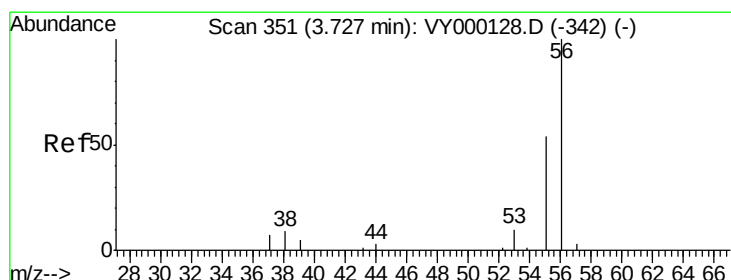
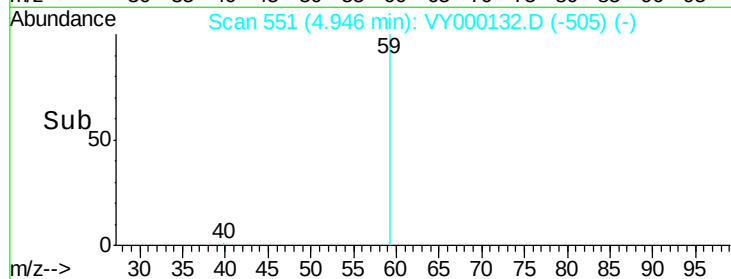
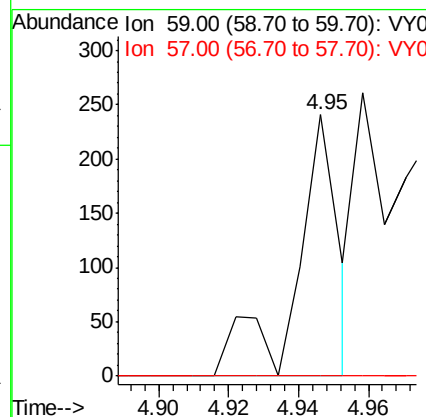
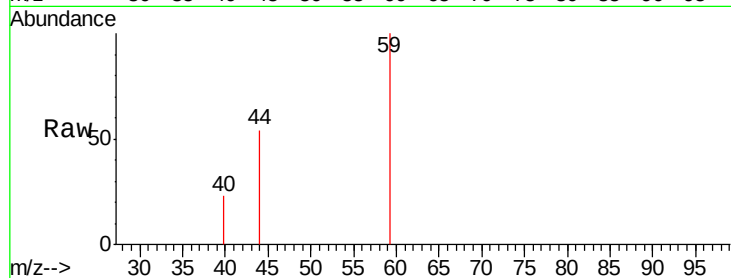


#11

Tert butyl alcohol
 Concen: 1.673 ug/l
 RT: 4.95 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: VY000132.D
 Acq: 23 Sep 2019 15:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBL01

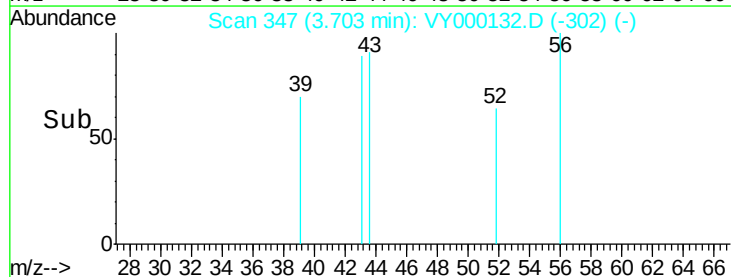
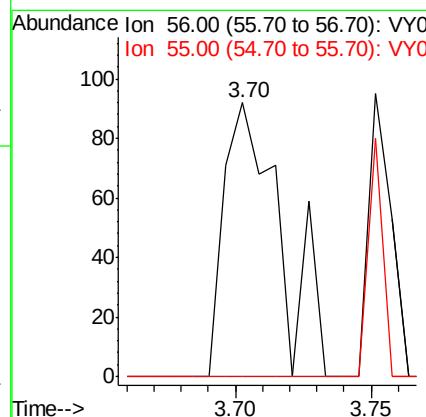
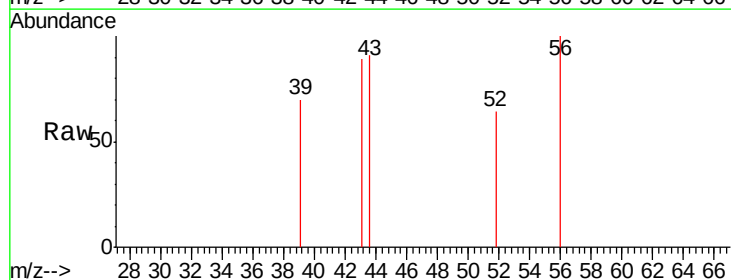
Tgt Ion: 59 Resp: 202
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

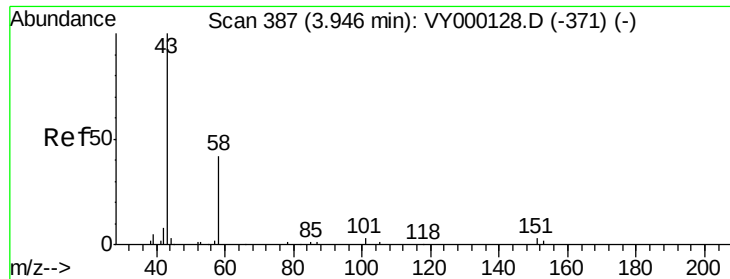


#13

Acrolein
 Concen: 2.691 ug/l
 RT: 3.70 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VY000132.D
 Acq: 23 Sep 2019 15:20

Tgt Ion: 56 Resp: 132
 Ion Ratio Lower Upper
 56 100
 55 0.0 49.4 74.0#





#16

Acetone

Concen: 5.688 ug/l

RT: 3.95 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000132.D

Acq: 23 Sep 2019 15:20

Instrument :

MSVOA_Y

ClientSampleId :

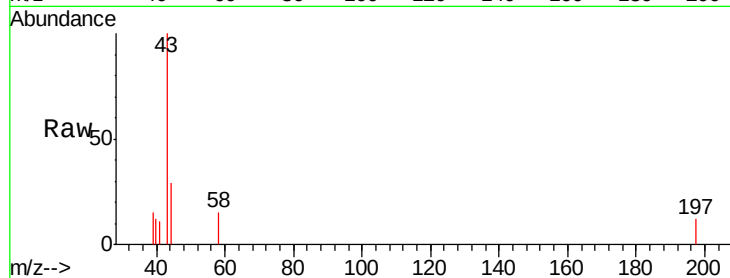
VY0923SBL01

Tgt Ion: 43 Resp: 1293

Ion Ratio Lower Upper

43 100

58 14.8 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.95

500

400

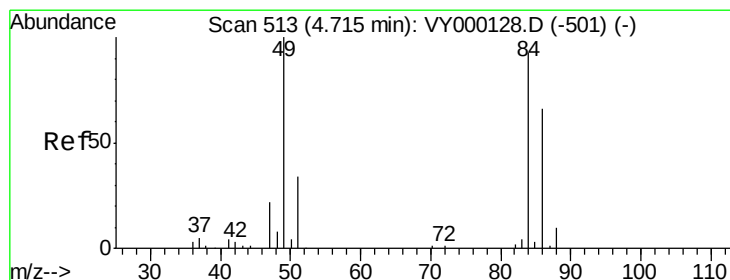
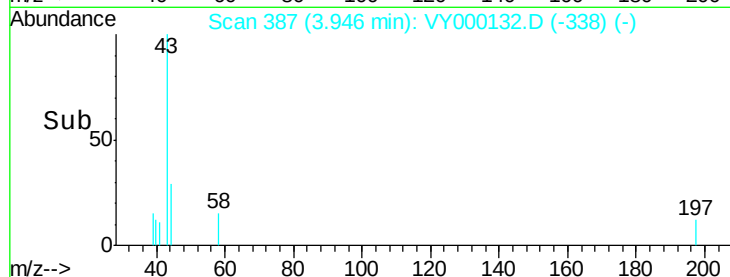
300

200

100

0

Time--> 3.85 3.90 3.95 4.00



#20

Methylene Chloride

Concen: 5.642 ug/l

RT: 4.71 min Scan# 512

Delta R.T. -0.01 min

Lab File: VY000132.D

Acq: 23 Sep 2019 15:20

Tgt Ion: 84 Resp: 8618

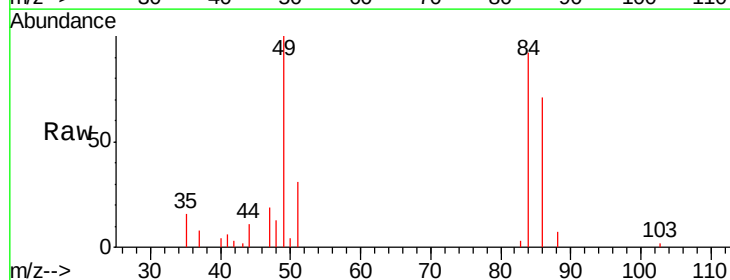
Ion Ratio Lower Upper

84 100

49 108.4 85.8 128.6

51 33.6 29.2 43.8

86 77.2 56.8 85.2



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

5000

4000

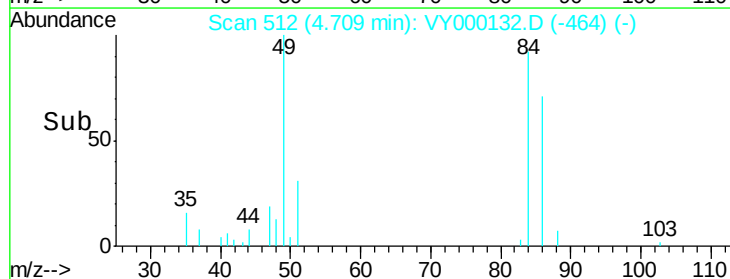
3000

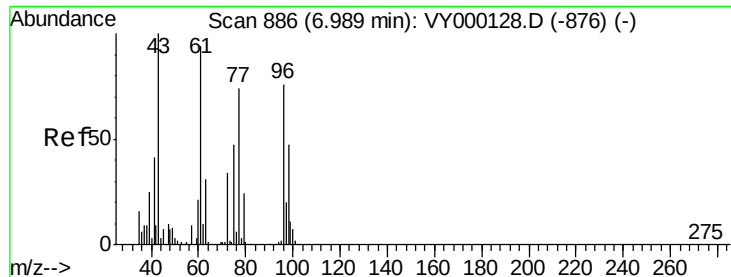
2000

1000

0

Time--> 4.60 4.65 4.70 4.75 4.80





#25

2-Butanone

Concen: 1.368 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.01 min

Lab File: VY000132.D

Acq: 23 Sep 2019 15:20

Instrument :

MSVOA_Y

ClientSampleId :

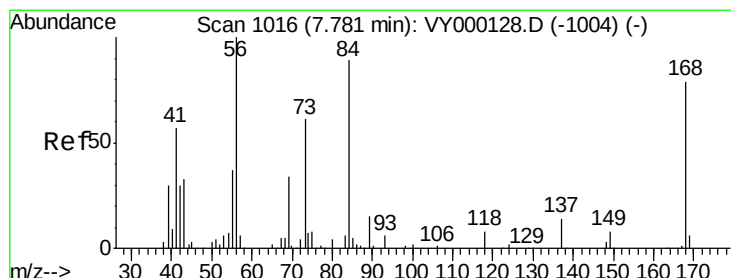
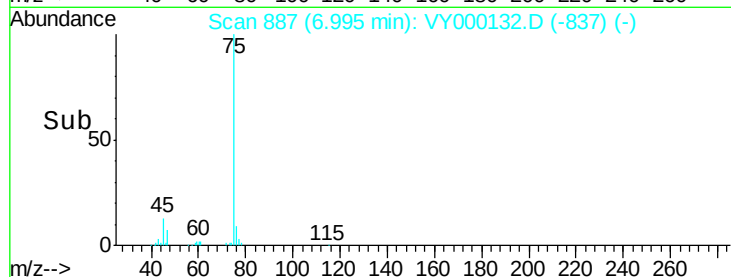
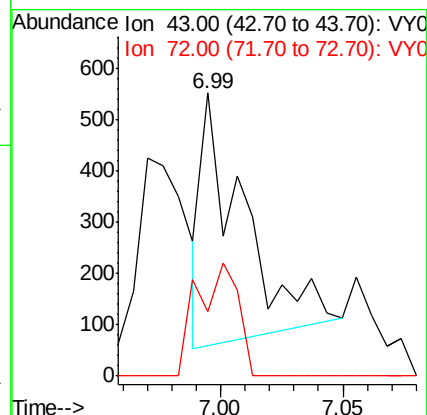
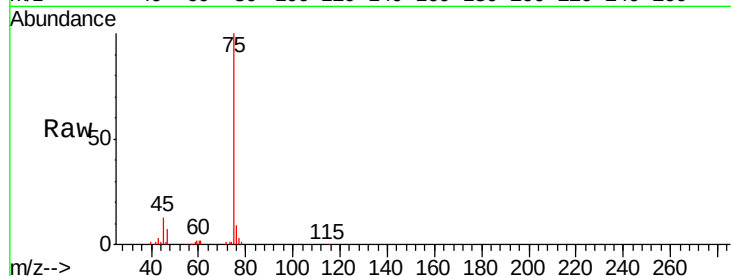
VY0923SBL01

Tgt Ion: 43 Resp: 577

Ion Ratio Lower Upper

43 100

72 28.4 27.0 40.6



#31

Cyclohexane

Concen: 1.146 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VY000132.D

Acq: 23 Sep 2019 15:20

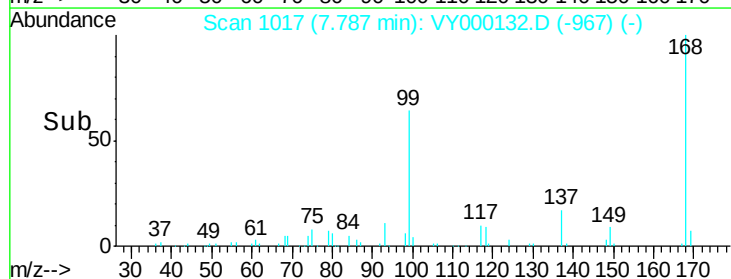
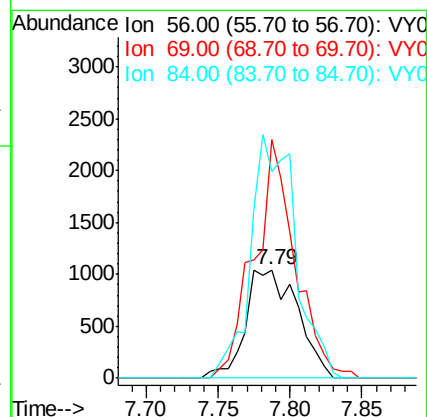
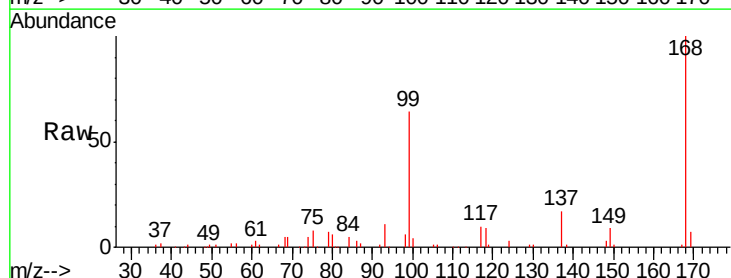
Tgt Ion: 56 Resp: 2607

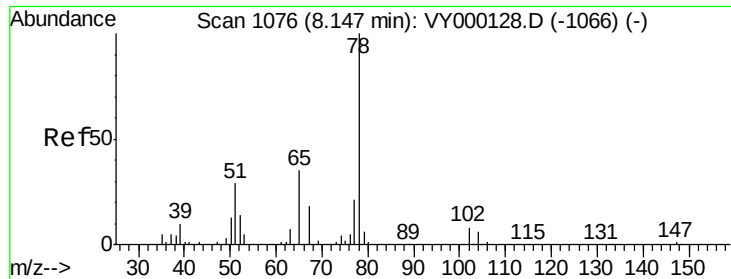
Ion Ratio Lower Upper

56 100

69 220.7 27.1 40.7#

84 190.5 71.3 106.9#

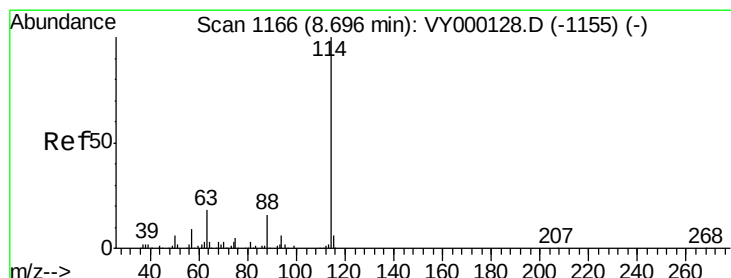
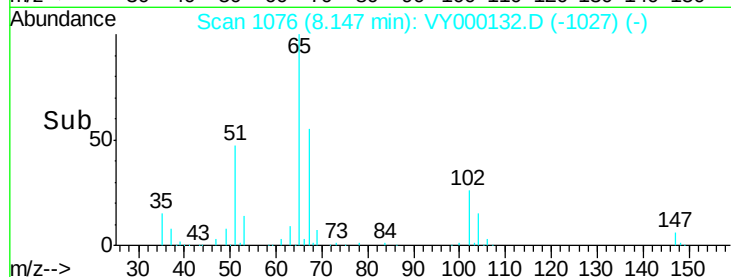
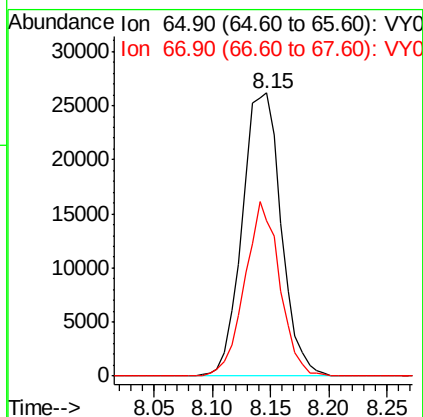
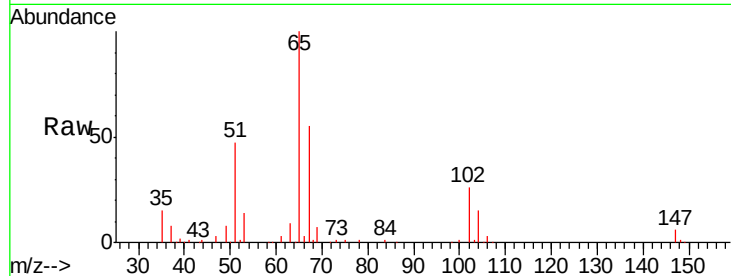




#33
 1,2-Dichloroethane-d4
 Concen: 52.232 ug/l
 RT: 8.15 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VY000132.D
 Acq: 23 Sep 2019 15:20

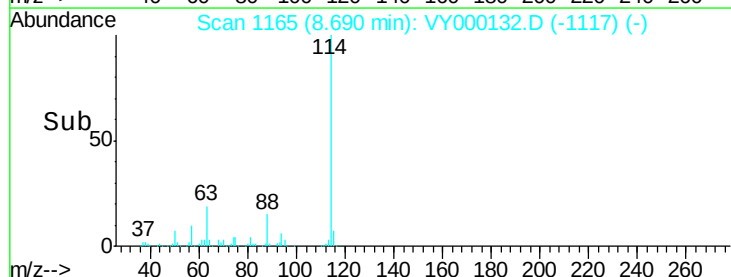
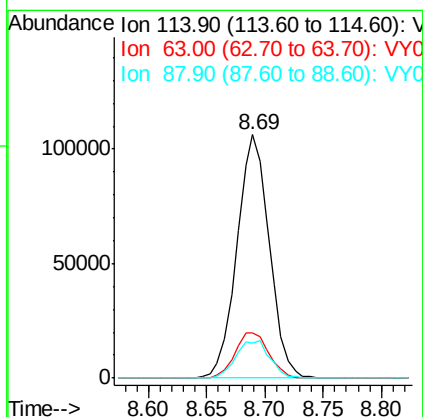
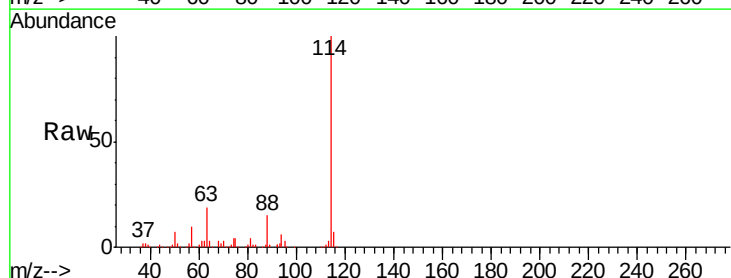
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBL01

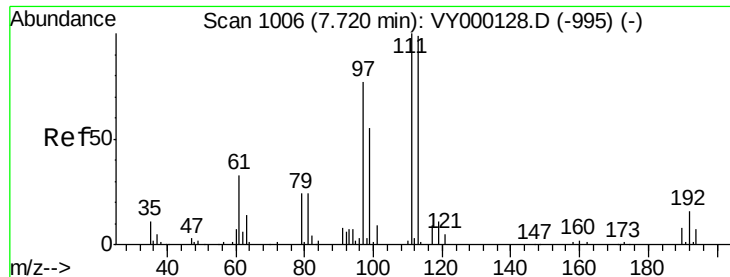
Tgt Ion: 65 Resp: 61074
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: VY000132.D
 Acq: 23 Sep 2019 15:20

Tgt Ion: 114 Resp: 205771
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.6
 88 14.6 0.0 31.8

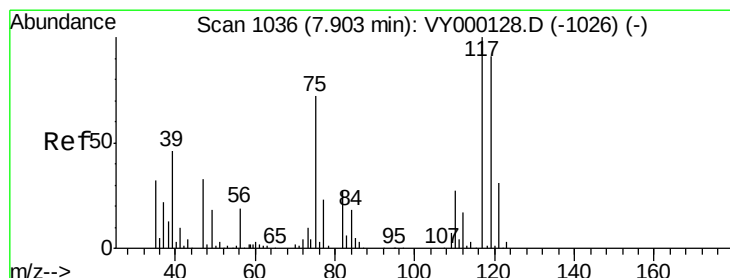
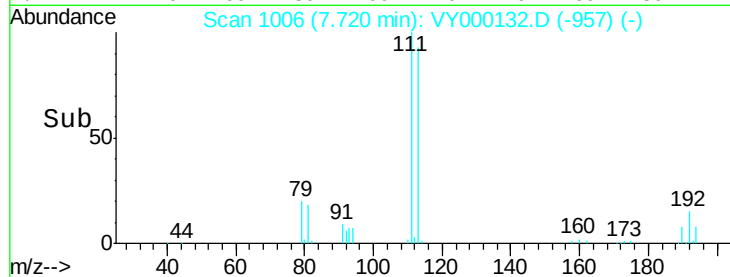
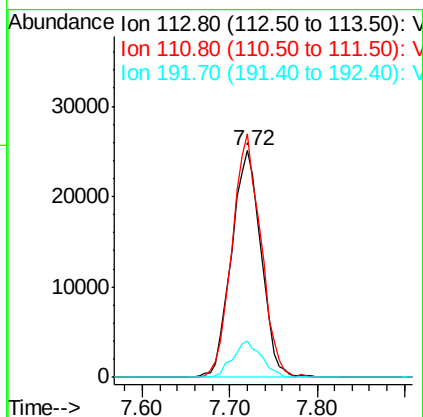
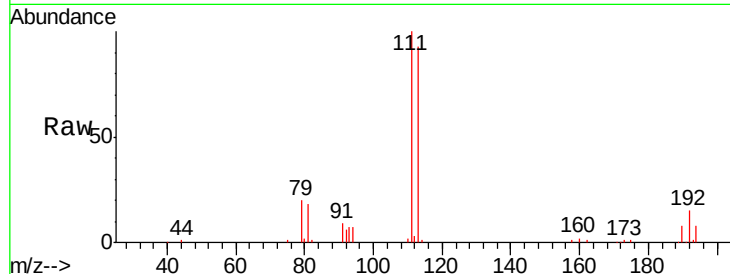




#35
 Dibromofluoromethane
 Concen: 49.916 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: VY000132.D
 Acq: 23 Sep 2019 15:20

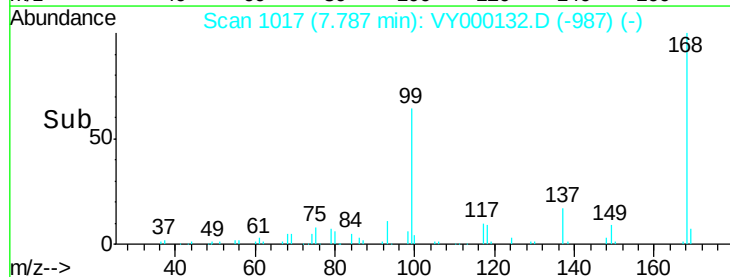
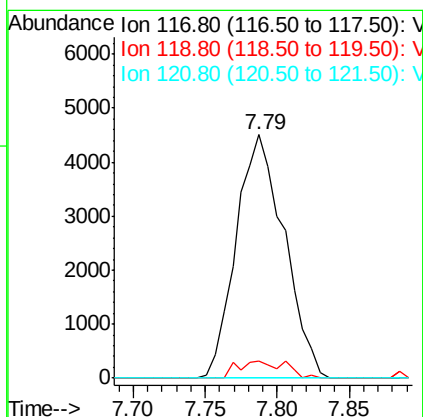
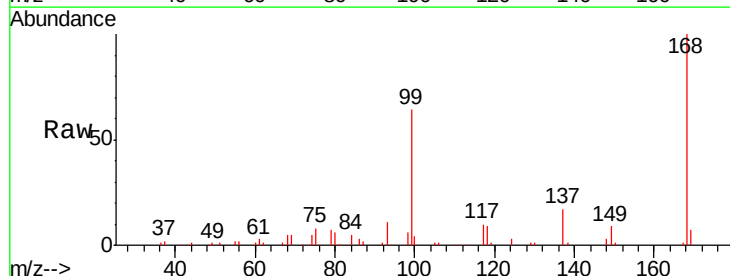
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBL01

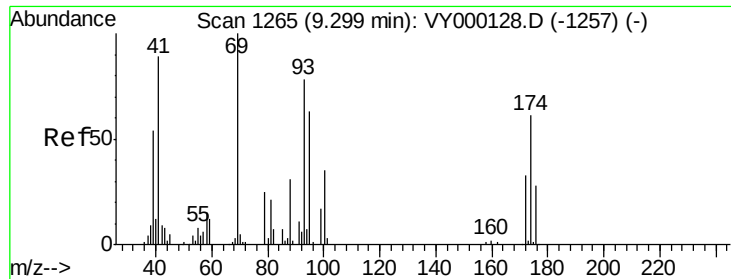
Tgt Ion:113 Resp: 58977
 Ion Ratio Lower Upper
 113 100
 111 104.7 83.0 124.4
 192 15.5 13.5 20.3



#38
 Carbon Tetrachloride
 Concen: 6.386 ug/l
 RT: 7.79 min Scan# 1017
 Delta R.T. -0.12 min
 Lab File: VY000132.D
 Acq: 23 Sep 2019 15:20

Tgt Ion:117 Resp: 10443
 Ion Ratio Lower Upper
 117 100
 119 7.2 72.6 108.8#
 121 0.0 24.3 36.5#

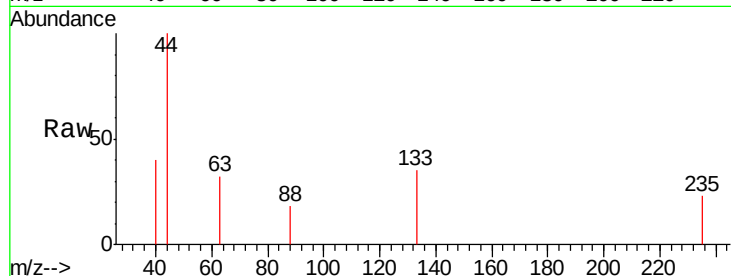




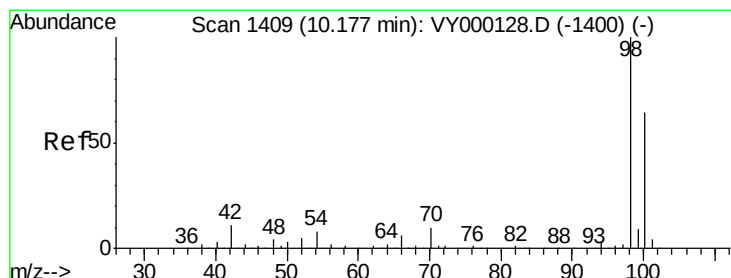
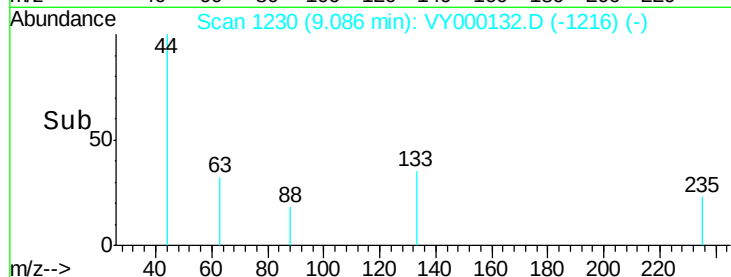
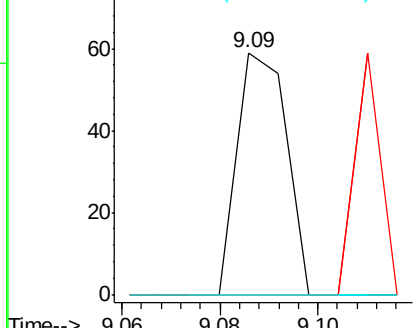
#49
 1,4-Dioxane
 Concen: 3.288 ug/l
 RT: 9.09 min Scan# 1230
 Delta R.T. -0.21 min
 Lab File: VY000132.D
 Acq: 23 Sep 2019 15:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBL01

Tgt Ion: 88 Resp: 41
 Ion Ratio Lower Upper
 88 100
 43 0.0 22.6 33.8#
 58 0.0 42.5 63.7#

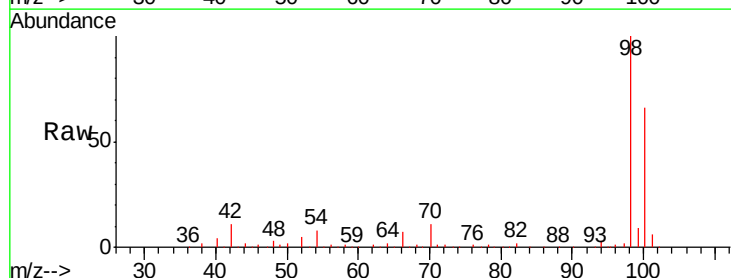


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

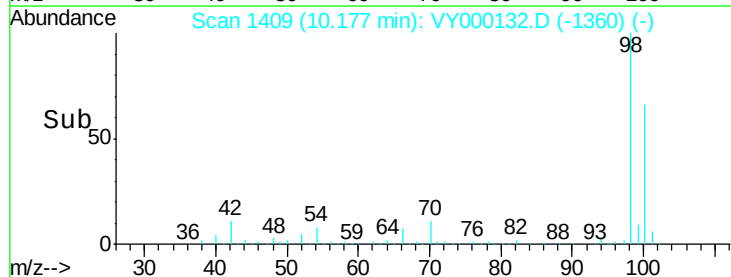
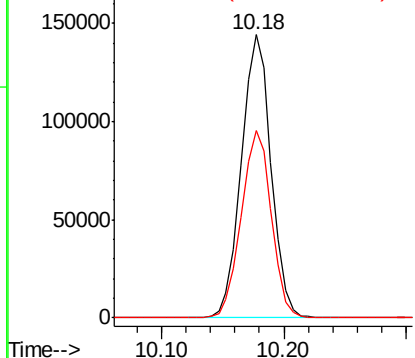


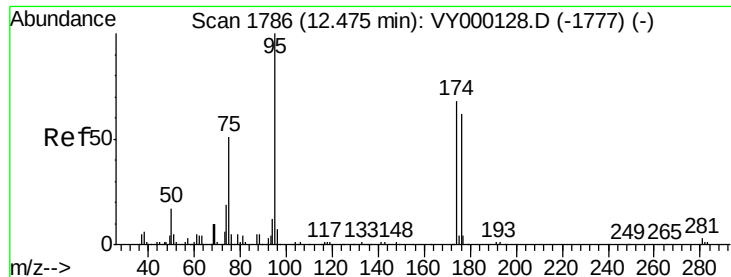
#50
 Toluene-d8
 Concen: 51.030 ug/l
 RT: 10.18 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: VY000132.D
 Acq: 23 Sep 2019 15:20

Tgt Ion: 98 Resp: 242724
 Ion Ratio Lower Upper
 98 100
 100 66.8 52.7 79.1



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

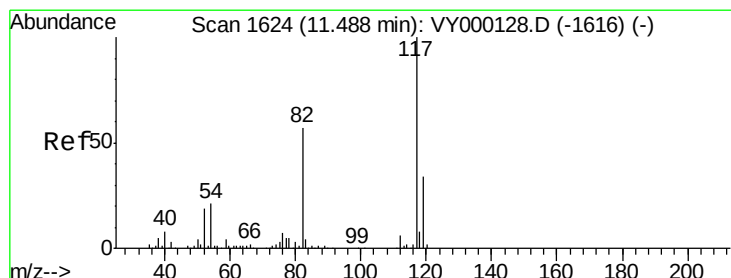
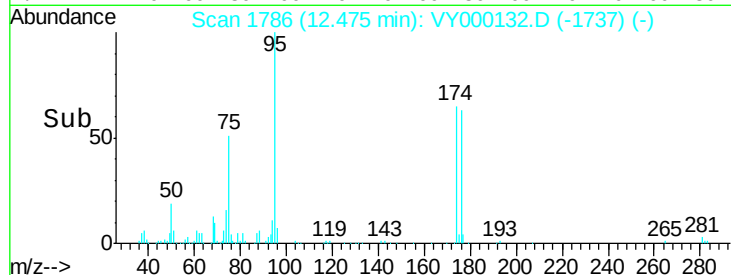
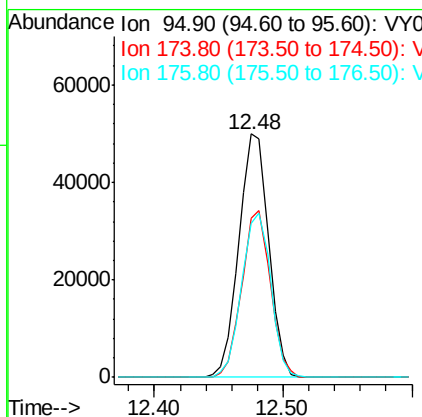
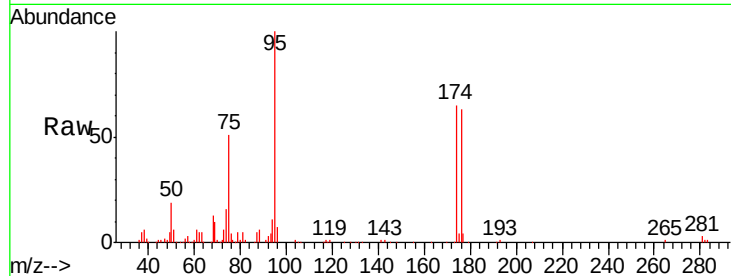




#62
4-Bromofluorobenzene
Concen: 45.650 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.00 min
Lab File: VY000132.D
Acq: 23 Sep 2019 15:20

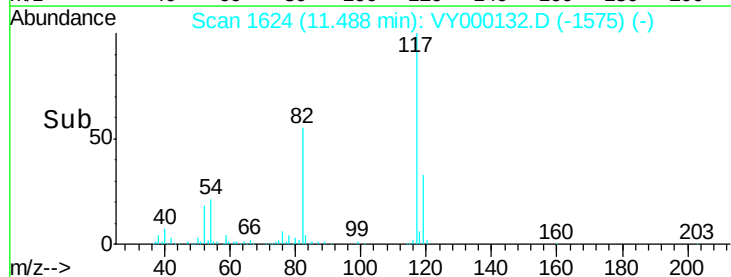
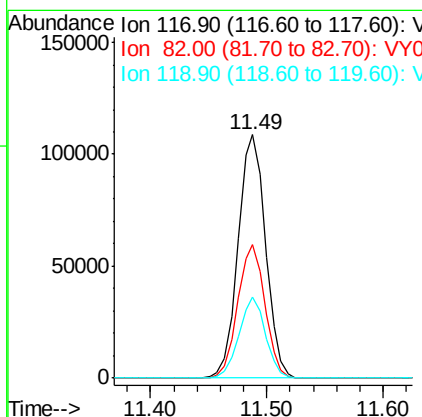
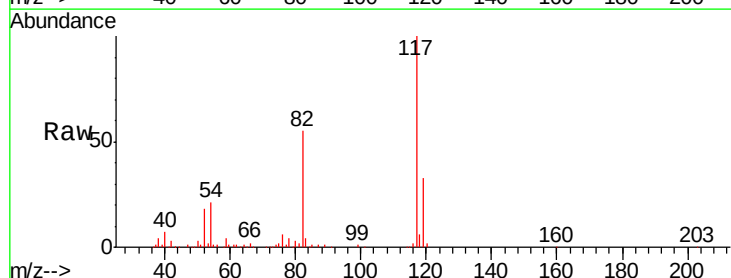
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBL01

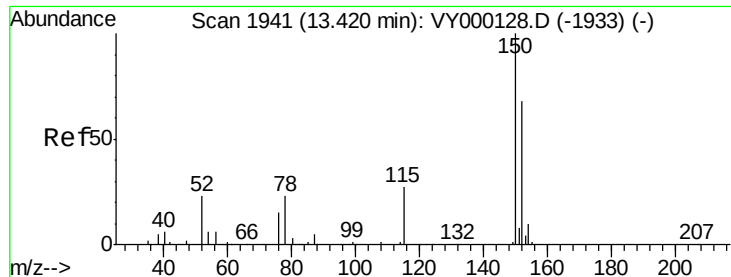
Tgt Ion: 95 Resp: 79857
Ion Ratio Lower Upper
95 100
174 65.8 0.0 140.8
176 65.7 0.0 135.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. 0.00 min
Lab File: VY000132.D
Acq: 23 Sep 2019 15:20

Tgt Ion: 117 Resp: 178465
Ion Ratio Lower Upper
117 100
82 55.0 45.5 68.3
119 33.4 27.3 40.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VY000132.D

Acq: 23 Sep 2019 15:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBL01

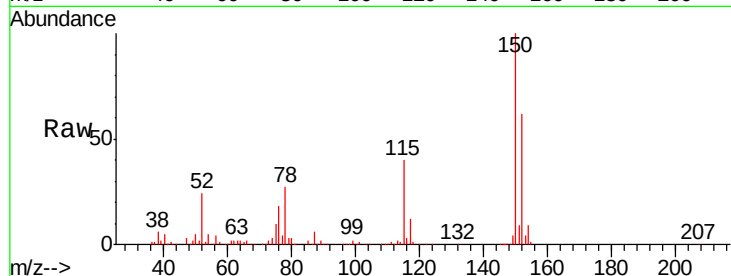
Tgt Ion:152 Resp: 70423

Ion Ratio Lower Upper

152 100

115 64.2 30.8 92.3

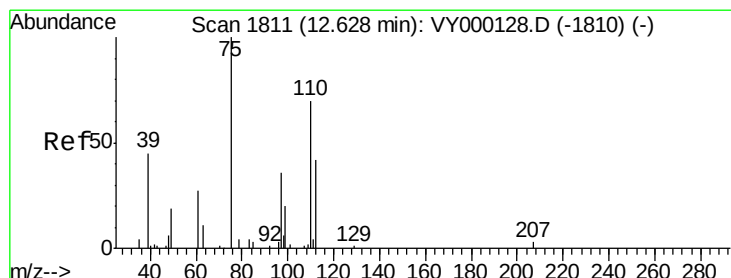
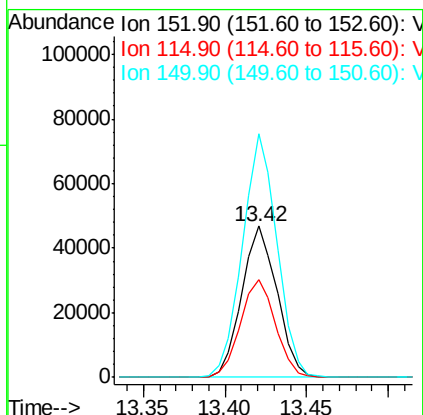
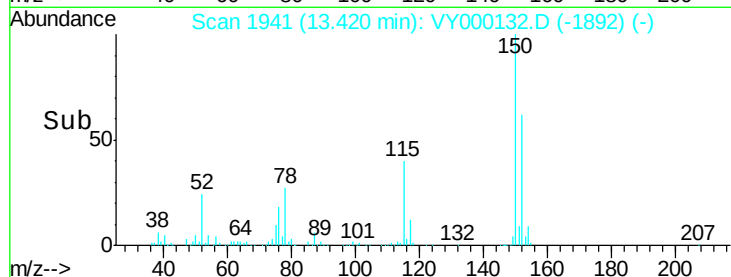
150 158.5 0.0 354.6



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: 53.402 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.15 min

Lab File: VY000132.D

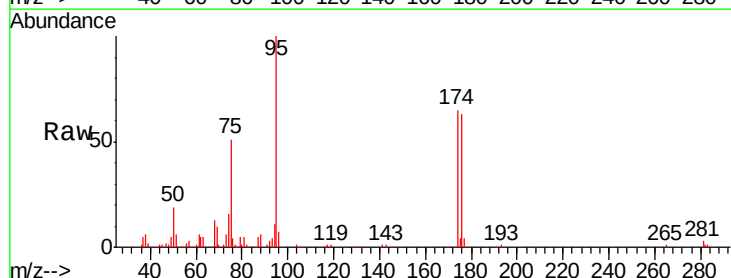
Acq: 23 Sep 2019 15:20

Tgt Ion: 75 Resp: 39412

Ion Ratio Lower Upper

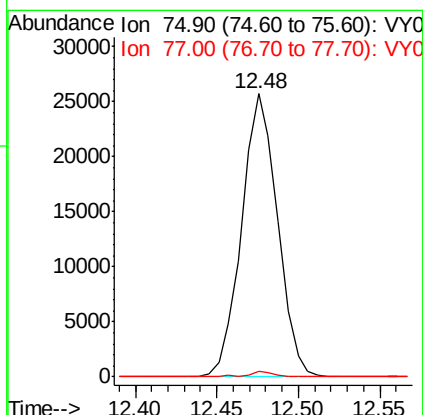
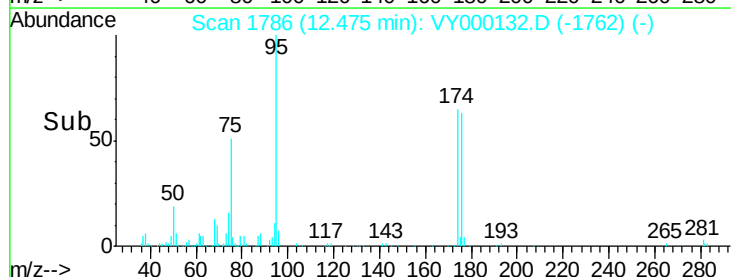
75 100

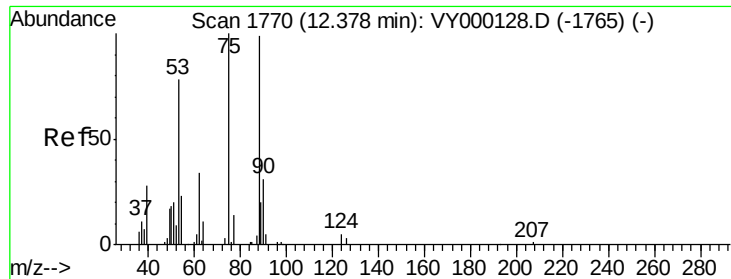
77 1.4 0.0 0.0#



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: 87.779 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.10 min

Lab File: VY000132.D

Acq: 23 Sep 2019 15:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBL01

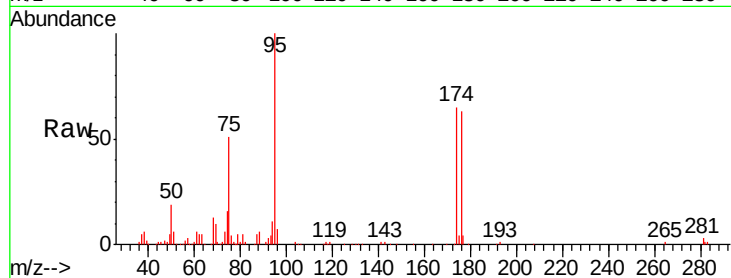
Tgt Ion: 75 Resp: 39412

Ion Ratio Lower Upper

75 100

53 0.0 62.5 93.7#

89 0.0 31.4 47.2#



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

