

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
 Data File : VY000111.D
 Acq On : 20 Sep 2019 16:28
 Operator : SY/MD
 Sample : K4878-17RE
 Misc : 5.90g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 20 23:48:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	86288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	187542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	154700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	54634	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	57166	57.58	ug/l	0.00
Spiked Amount			Recovery	=	115.16%	
35) Dibromofluoromethane	7.72	113	52597	46.32	ug/l	0.00
Spiked Amount			Recovery	=	92.64%	
50) Toluene-d8	10.18	98	224503	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.48	95	70546	42.60	ug/l	0.00
Spiked Amount			Recovery	=	85.20%	

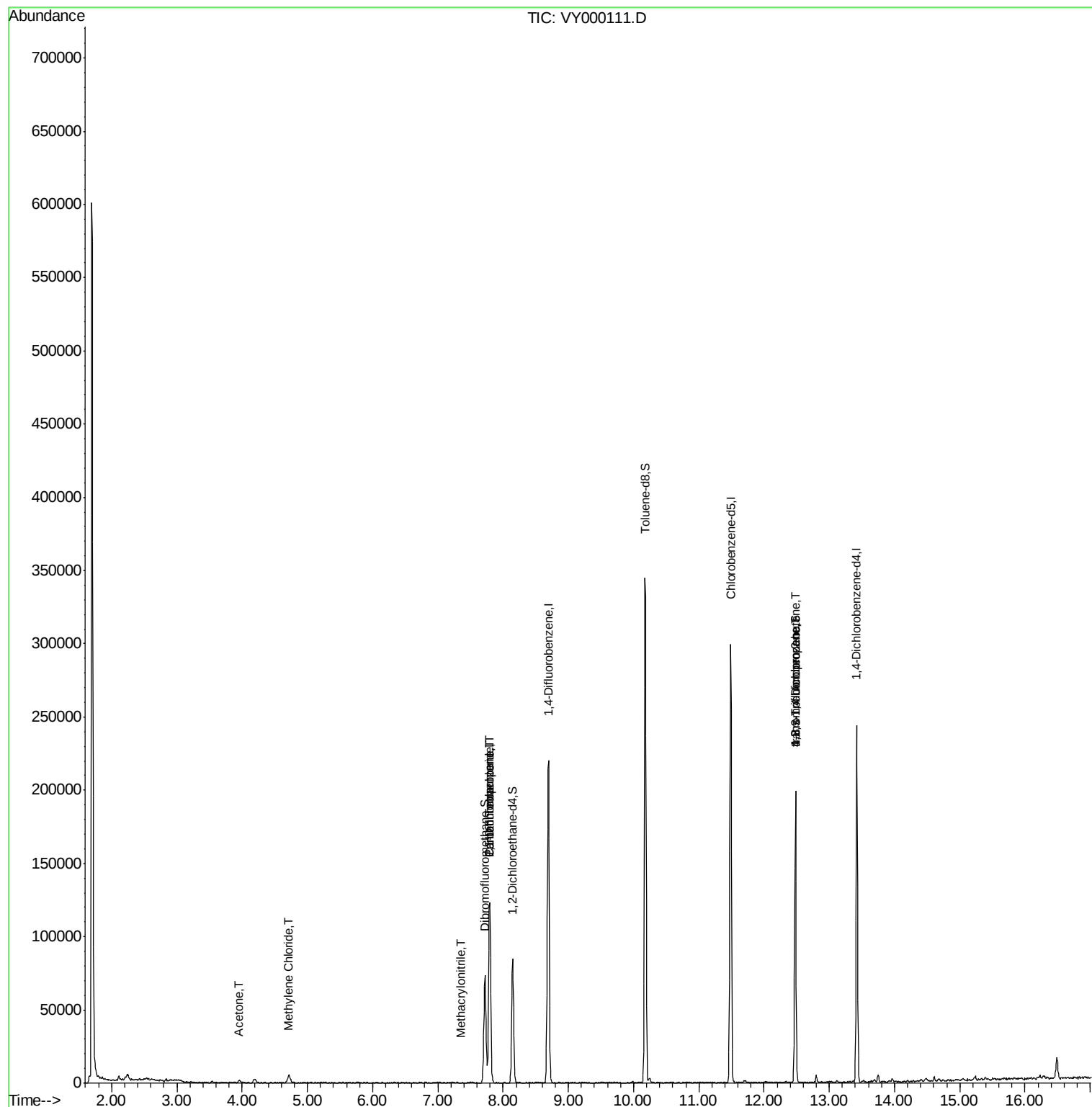
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	31	Below Cal	#	42
3) Chloromethane	2.11	50	2240	Below Cal		99
5) Bromomethane	2.62	94	33	Below Cal	#	6
13) Acrolein	3.89	56	48	Below Cal	#	13
16) Acetone	3.95	43	2754	11.915	ug/l	94
17) Carbon Disulfide	4.20	76	4975	Below Cal	#	91
20) Methylene Chloride	4.72	84	3824	3.517	ug/l #	97
31) Cyclohexane	7.79	56	2774	Below Cal	#	5
36) 1,1-Dichloropropene	7.79	75	8101	5.777	ug/l #	47
38) Carbon Tetrachloride	7.79	117	10174	7.687	ug/l #	15
41) Methacrylonitrile	7.35	41	32	4.349	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	35244	45.849	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	35244	88.179	ug/l #	19

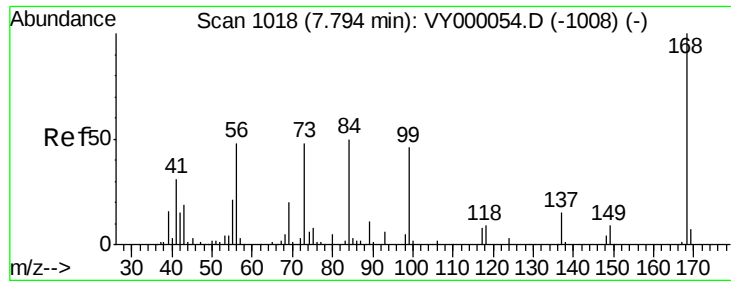
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
Data File : VY000111.D
Acq On : 20 Sep 2019 16:28
Operator : SY/MD
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ALS Vial : 17 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :

Quant Time: Sep 20 23:48:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000111.D

Acq: 20 Sep 2019 16:28

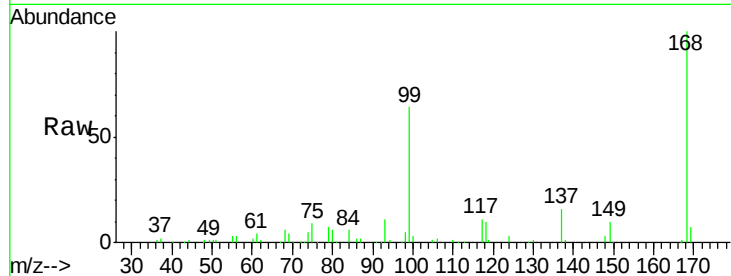
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 86288

Ion Ratio Lower Upper

168 100

99 63.8 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000054.D (-1008) (-)

Ion 98.90 (98.60 to 99.60): VY000054.D (-1008) (-)

7.79

40000

30000

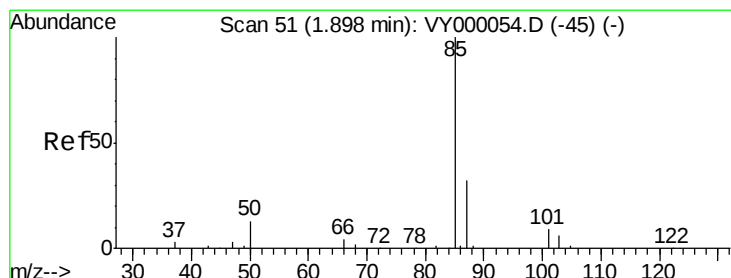
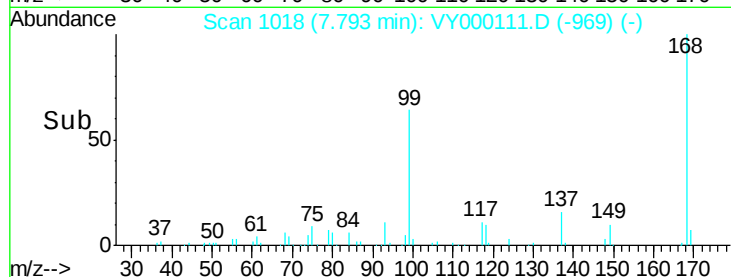
20000

10000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.90 min Scan# 52

Delta R.T. 0.01 min

Lab File: VY000111.D

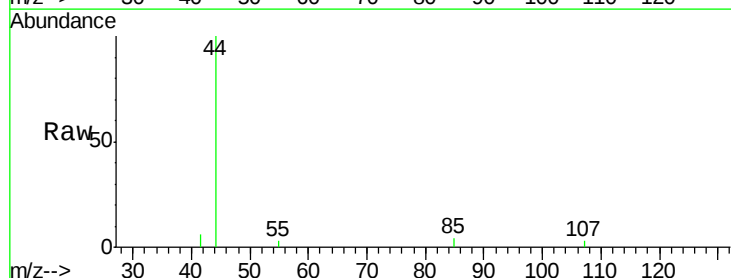
Acq: 20 Sep 2019 16:28

Tgt Ion: 85 Resp: 31

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VY000054.D (-45) (-)

Ion 86.90 (86.60 to 87.60): VY000054.D (-45) (-)

1.90

100

80

60

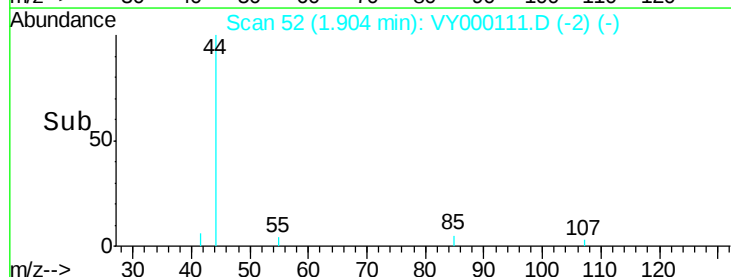
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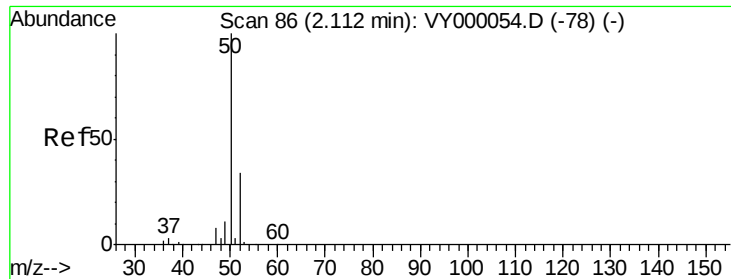
20

0

1.88 1.89 1.90 1.91 1.92

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000111.D

Acq: 20 Sep 2019 16:28

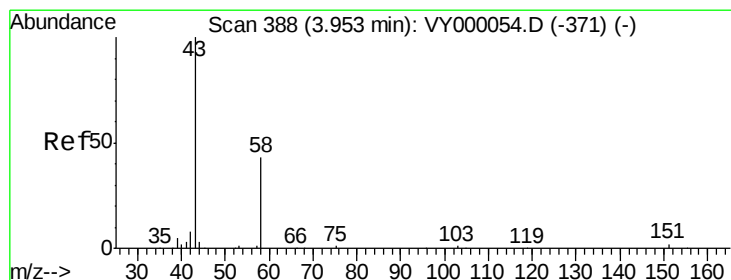
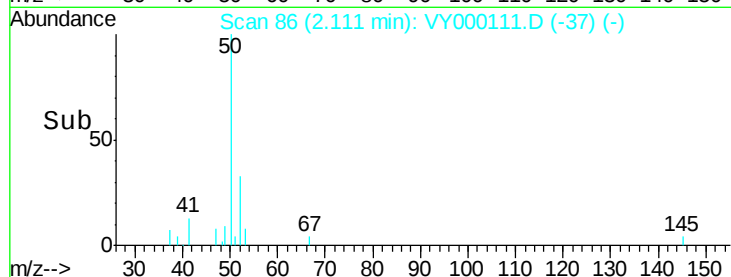
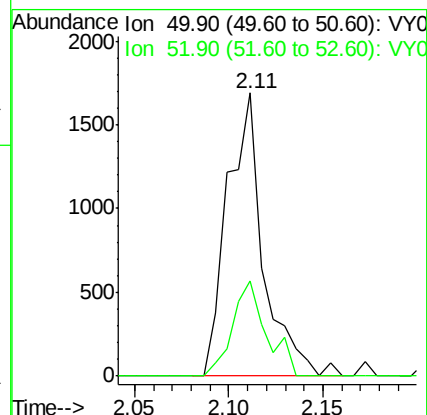
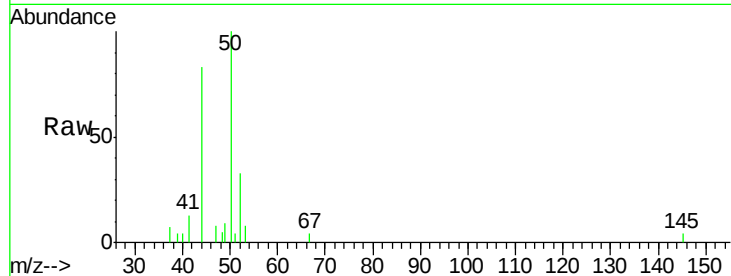
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 2240

Ion Ratio Lower Upper

50 100

52 33.5 27.3 40.9



#16

Acetone

Concen: 11.915 ug/l

RT: 3.95 min Scan# 388

Delta R.T. -0.00 min

Lab File: VY000111.D

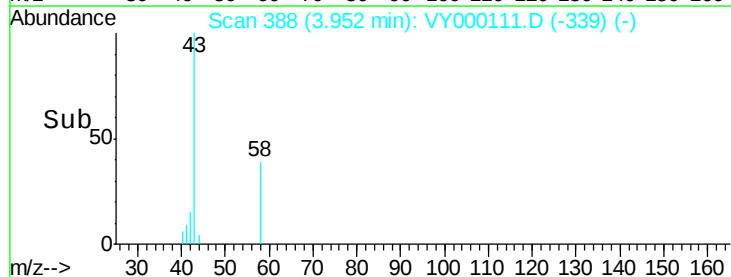
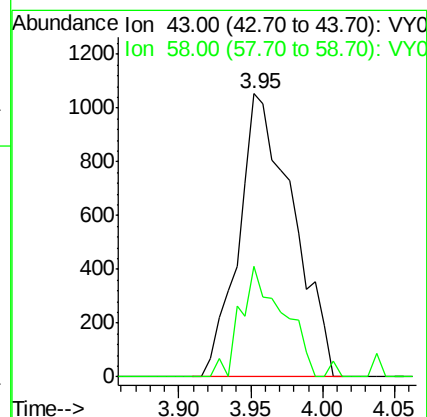
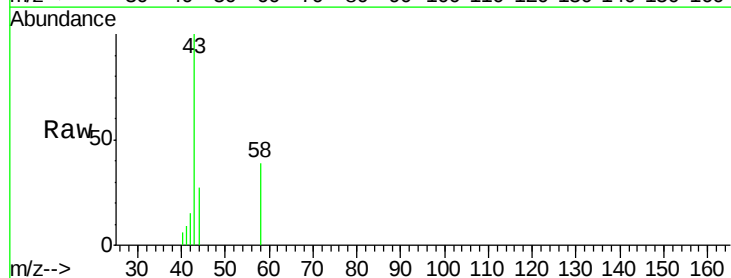
Acq: 20 Sep 2019 16:28

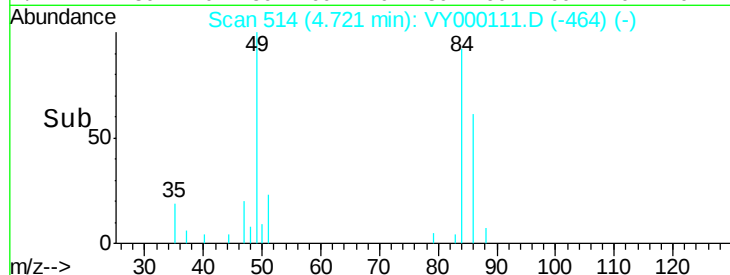
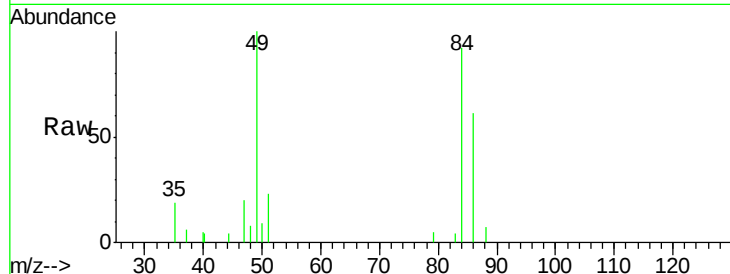
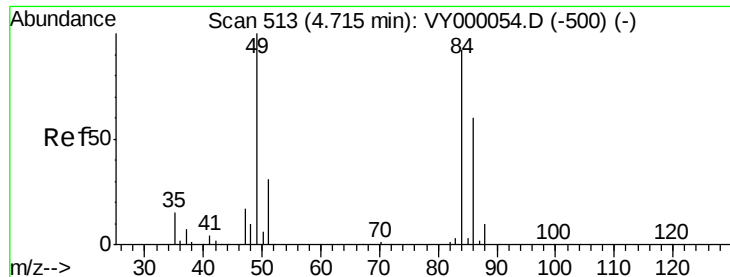
Tgt Ion: 43 Resp: 2754

Ion Ratio Lower Upper

43 100

58 39.2 34.5 51.7

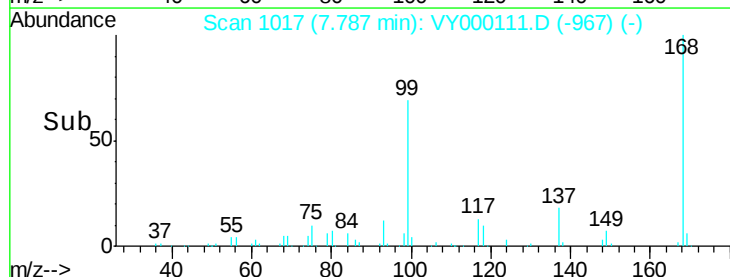
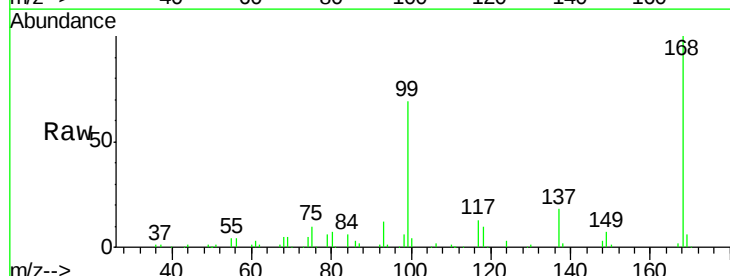
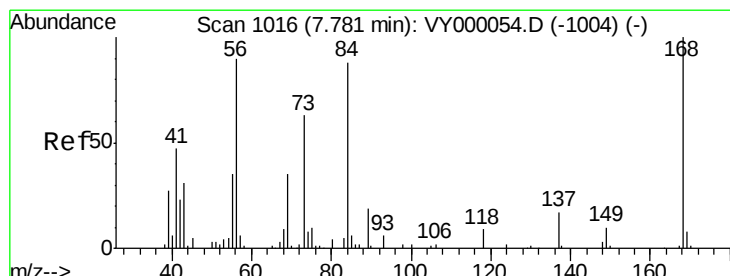
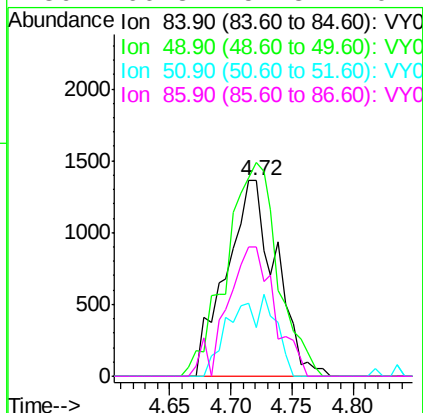




#20
Methvlene Chloride
Concen: 3.517 ug/l
RT: 4.72 min Scan# 514
Delta R.T. 0.01 min
Lab File: VY000111.D
Acq: 20 Sep 2019 16:28

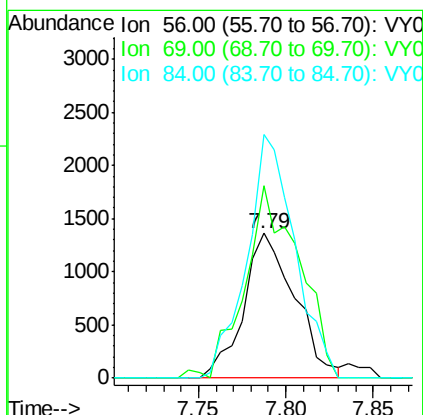
Instrument :
MSVOA_Y
ClientSampled :

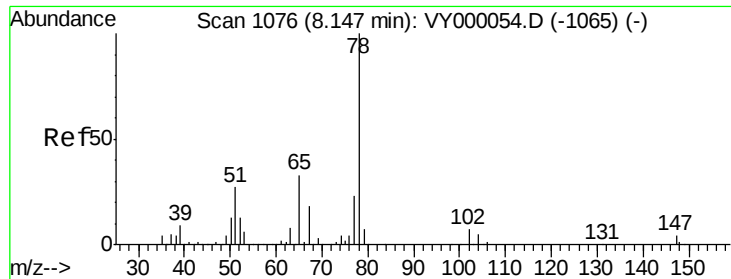
Tot Ion: 84 Resp: 3824
Ion Ratio Lower Upper
84 100
49 109.1 87.4 131.0
51 25.1 27.2 40.8#
86 66.3 52.8 79.2



#31
Cyclohexane
Concen: Below Cal
RT: 7.79 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VY000111.D
Acq: 20 Sep 2019 16:28

Tgt Ion: 56 Resp: 2774
Ion Ratio Lower Upper
56 100
69 133.4 30.9 46.3#
84 168.3 78.5 117.7#

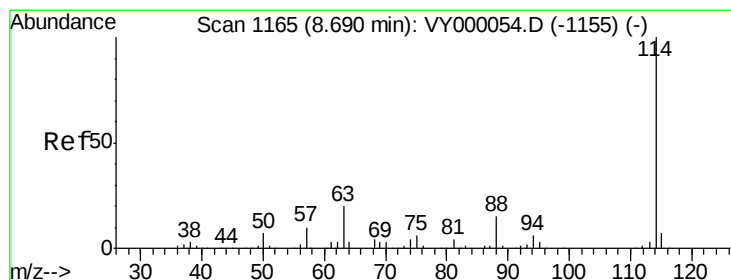
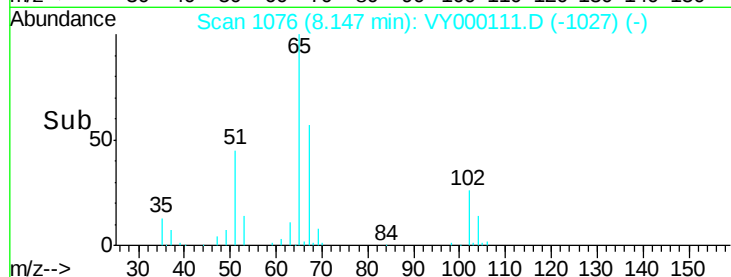
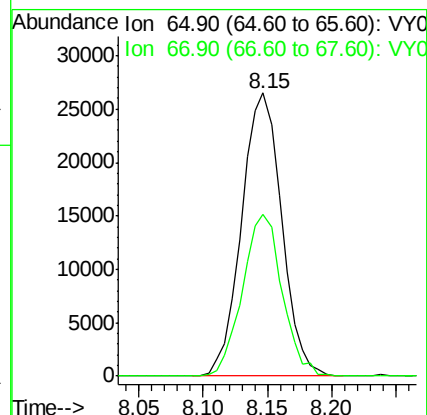
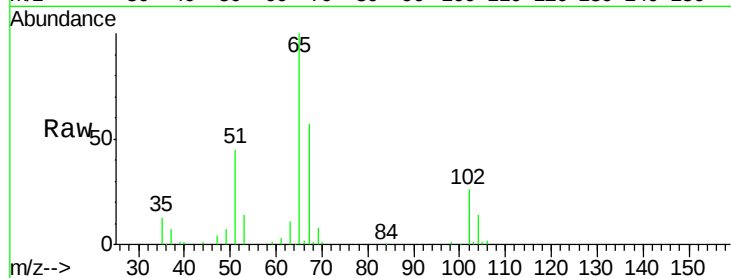




#33
 1,2-Dichloroethane-d4
 Concen: 57.583 ug/l
 RT: 8.15 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VY000111.D
 Acq: 20 Sep 2019 16:28

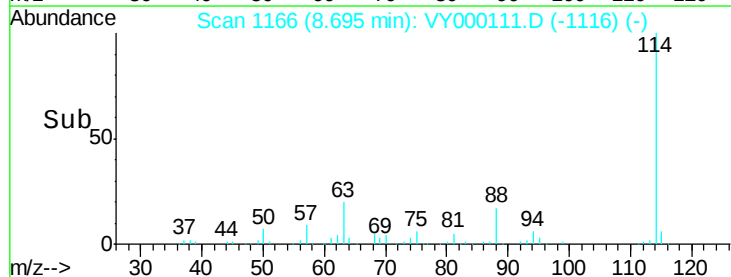
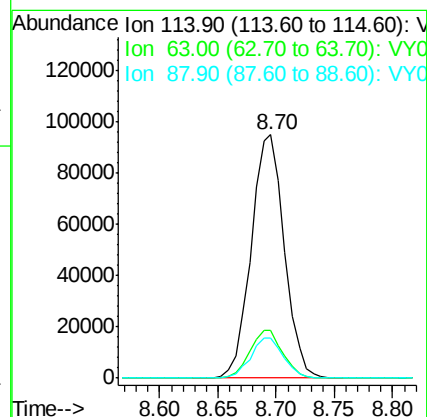
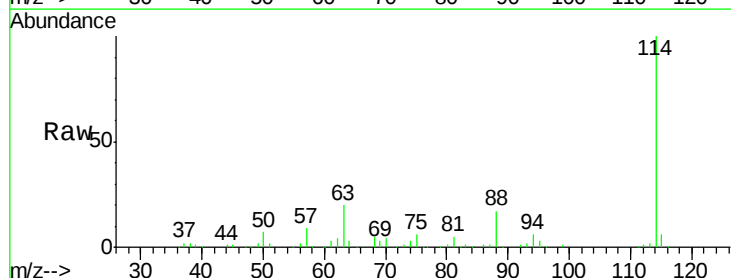
Instrument :
 MSVOA_Y
 ClientSampleId :

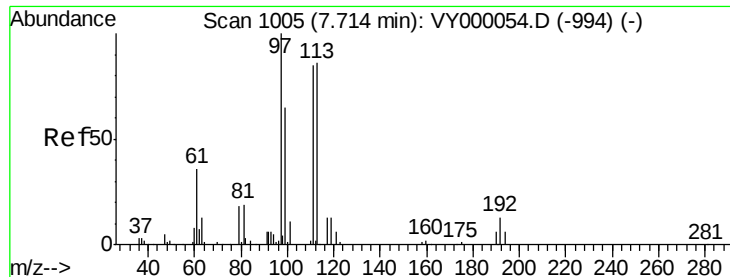
Tot Ion: 65 Resp: 57166
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: VY000111.D
 Acq: 20 Sep 2019 16:28

Tgt Ion: 114 Resp: 187542
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 16.6 0.0 30.2

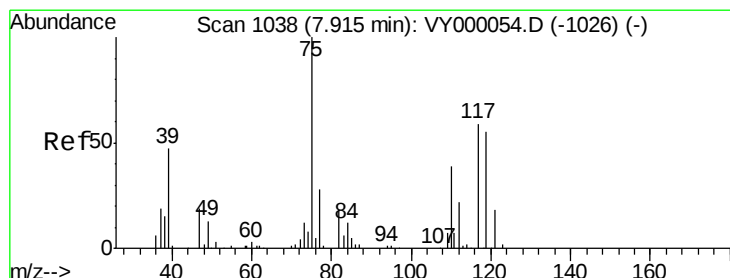
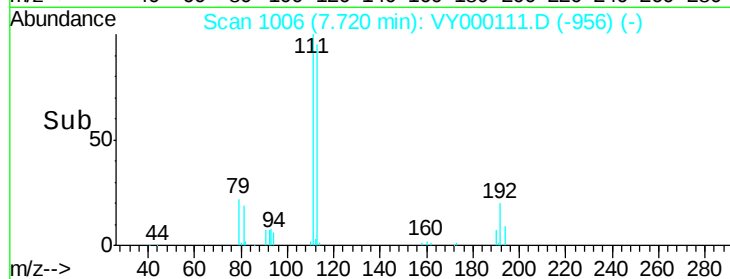
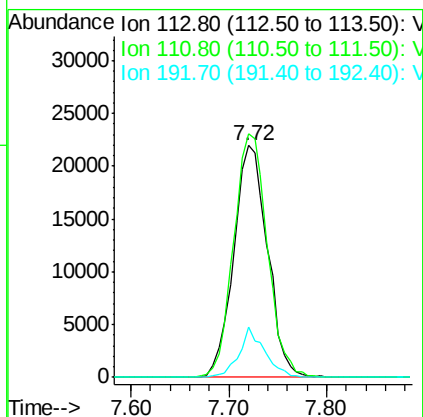
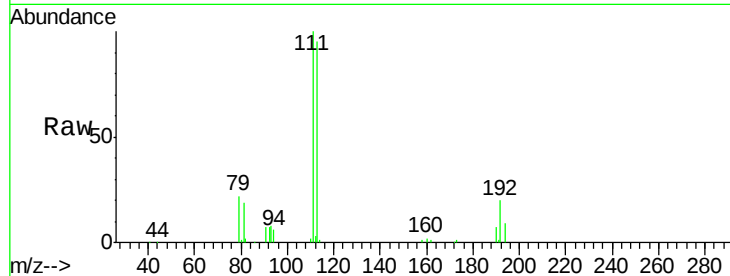




#35
 Dibromofluoromethane
 Concen: 46.320 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VY000111.D
 Acq: 20 Sep 2019 16:28

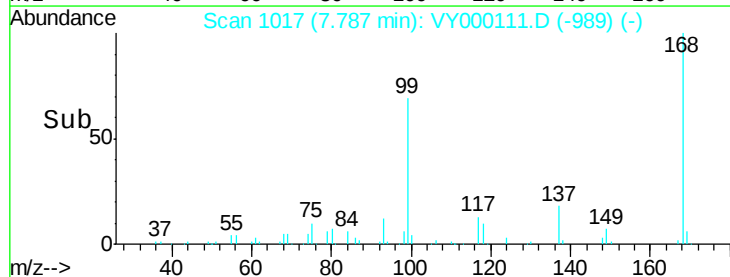
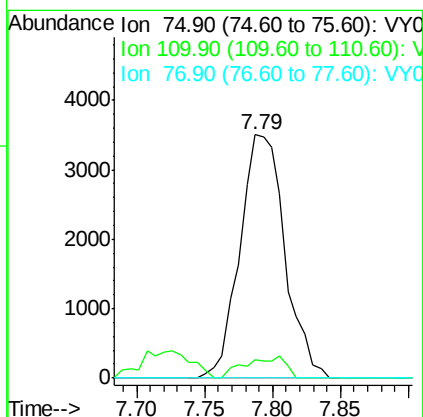
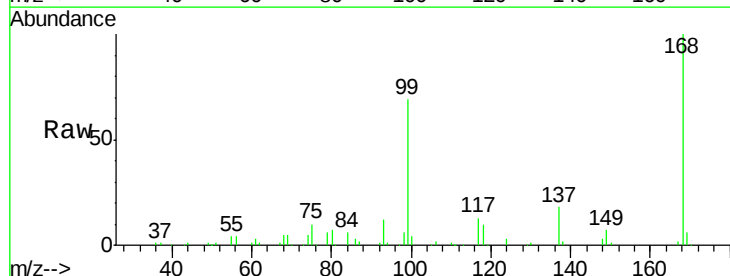
Instrument :
 MSVOA_Y
 ClientSampleId :

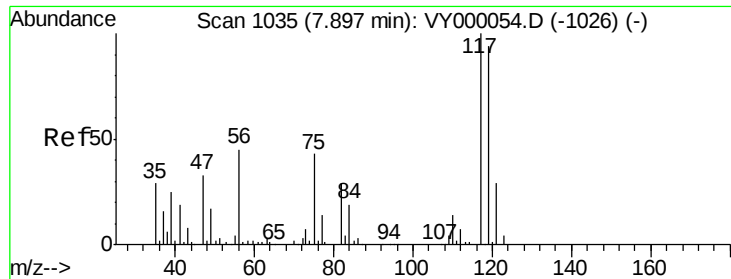
Tot Ion:113 Resp: 52597
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.7 122.5
 192 16.2 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 5.777 ug/l
 RT: 7.79 min Scan# 1017
 Delta R.T. -0.13 min
 Lab File: VY000111.D
 Acq: 20 Sep 2019 16:28

Tgt Ion: 75 Resp: 8101
 Ion Ratio Lower Upper
 75 100
 110 7.9 19.6 58.7#
 77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 7.687 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. -0.11 min

Lab File: VY000111.D

Acq: 20 Sep 2019 16:28

Instrument :

MSVOA_Y

ClientSampleId :

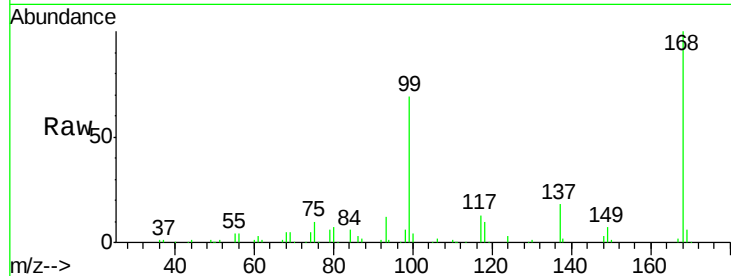
Tot Ion:117 Resp: 10174

Ion Ratio Lower Upper

117 100

119 2.7 75.0 112.6#

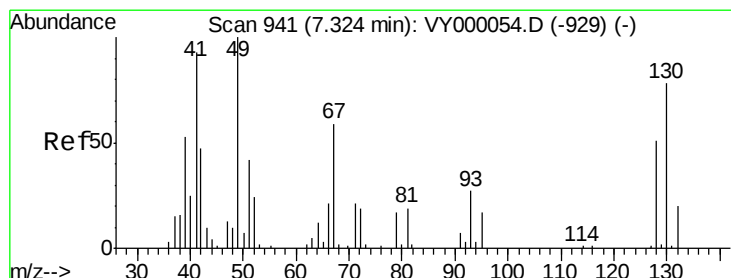
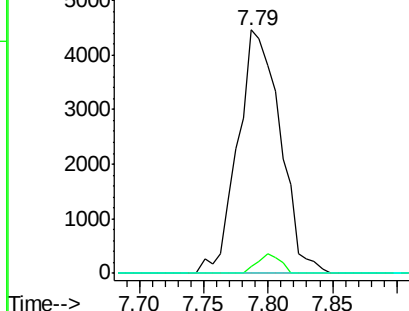
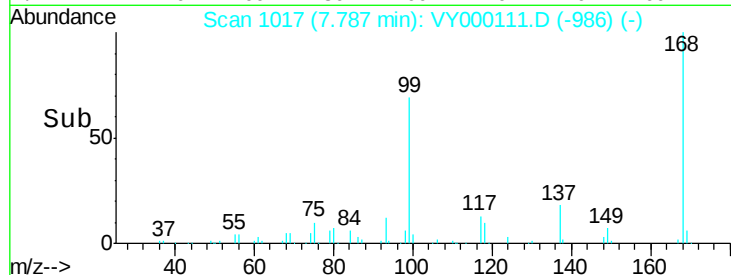
121 0.0 22.8 34.2#



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



#41

Methacrylonitrile

Concen: 4.349 ug/l

RT: 7.35 min Scan# 946

Delta R.T. 0.03 min

Lab File: VY000111.D

Acq: 20 Sep 2019 16:28

Tgt Ion: 41 Resp: 32

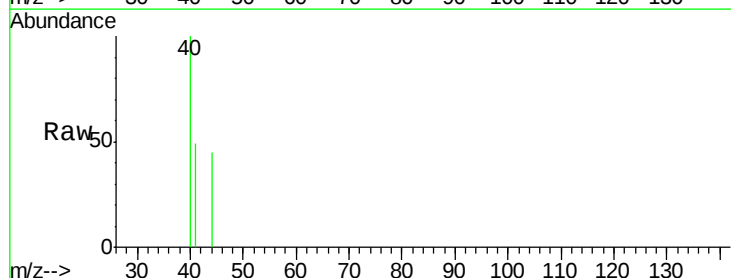
Ion Ratio Lower Upper

41 100

39 0.0 91.8 137.6#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

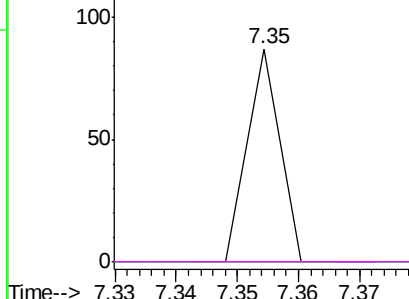
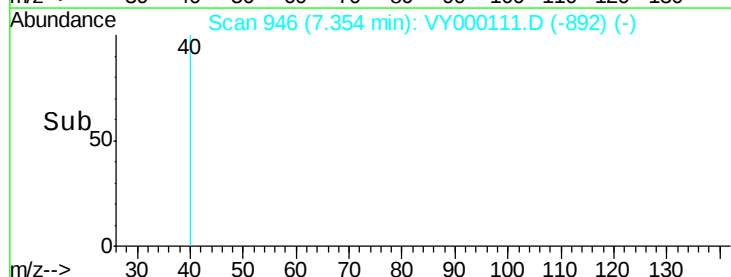


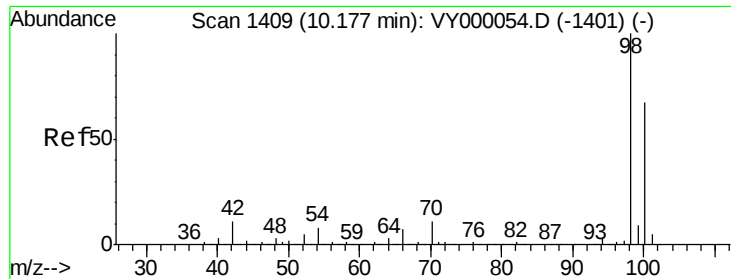
Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0





#50

Toluene-d8

Concen: 50.337 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000111.D

Acq: 20 Sep 2019 16:28

Instrument :

MSVOA_Y

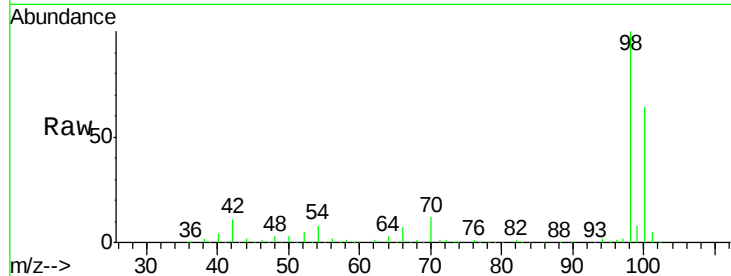
ClientSampleId :

Tot Ion: 98 Resp: 224503

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

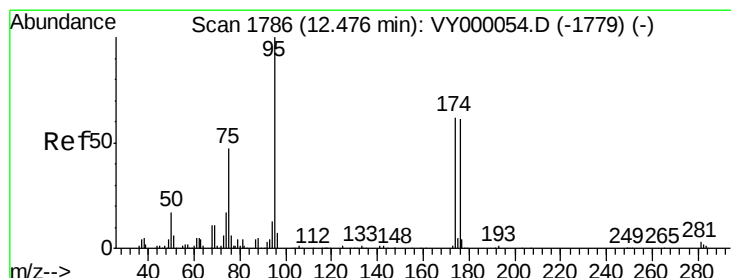
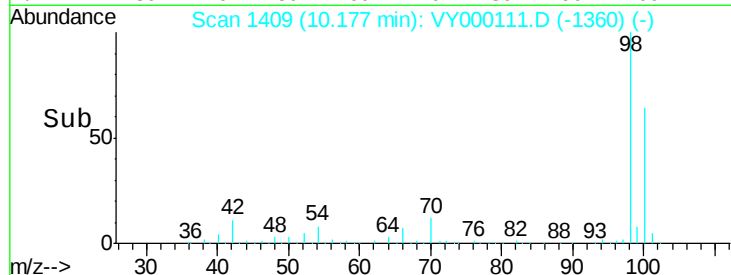
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.604 ug/l

RT: 12.48 min Scan# 1787

Delta R.T. 0.01 min

Lab File: VY000111.D

Acq: 20 Sep 2019 16:28

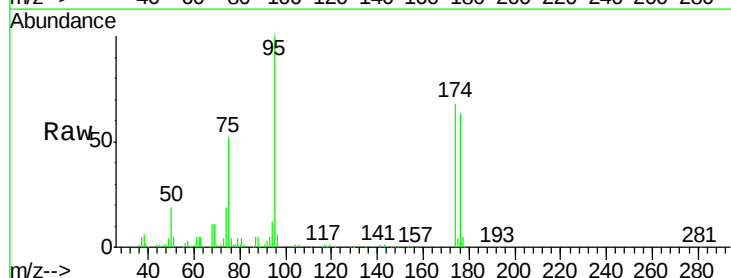
Tgt Ion: 95 Resp: 70546

Ion Ratio Lower Upper

95 100

174 62.4 0.0 137.2

176 60.5 0.0 135.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.48

50000

40000

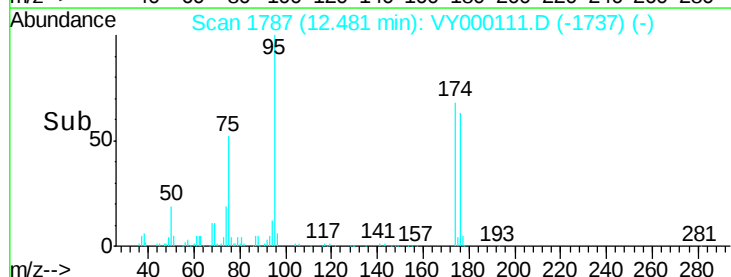
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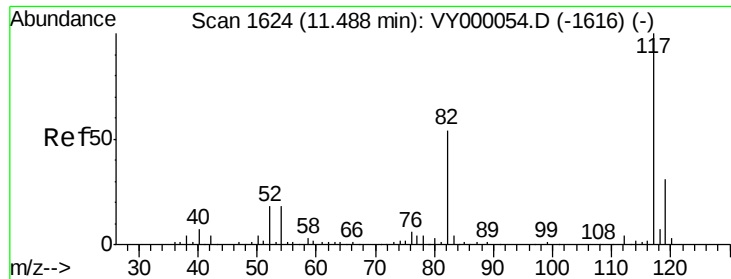
20000

10000

0

Time-->

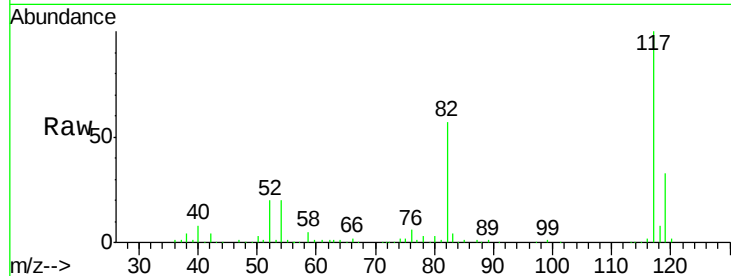




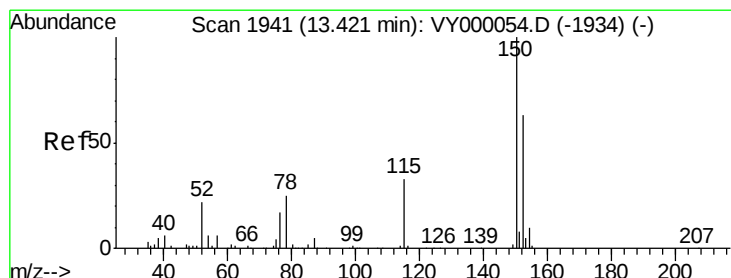
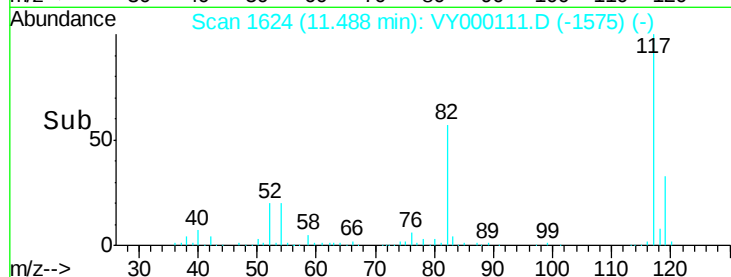
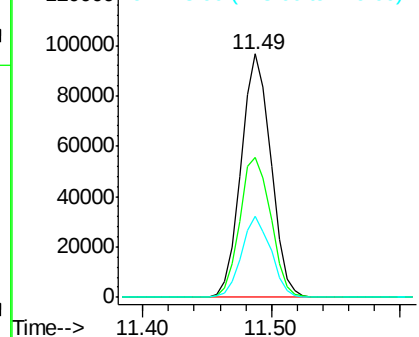
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000111.D
Acq: 20 Sep 2019 16:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 154700
Ion Ratio Lower Upper
117 100
82 57.2 43.5 65.3
119 33.3 24.6 36.8

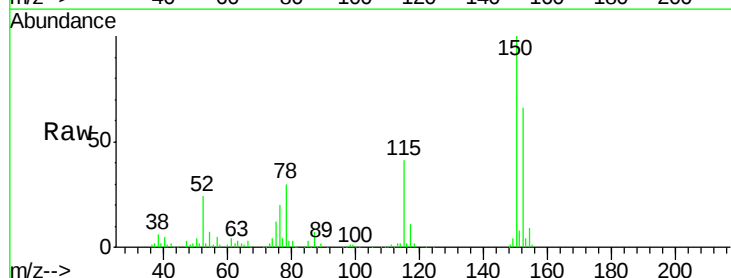


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

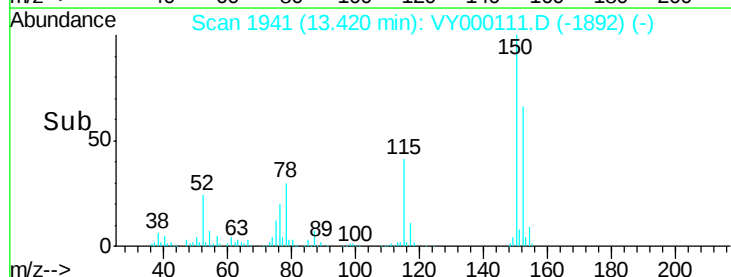
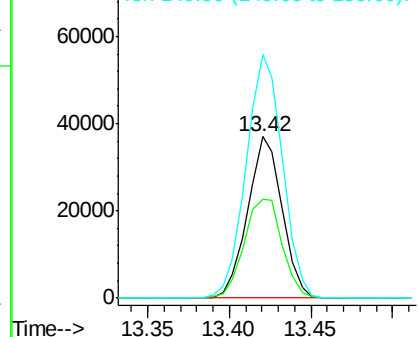


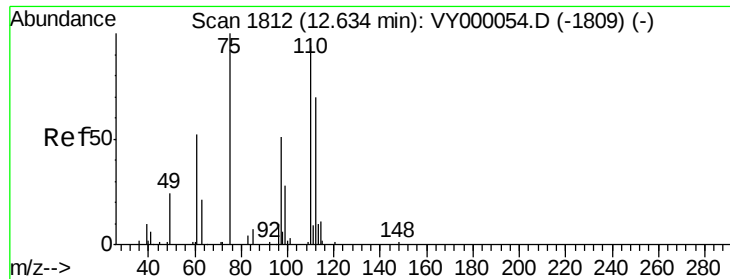
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000111.D
Acq: 20 Sep 2019 16:28

Tgt Ion:152 Resp: 54634
Ion Ratio Lower Upper
152 100
115 67.6 30.7 92.1
150 158.8 0.0 351.6



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



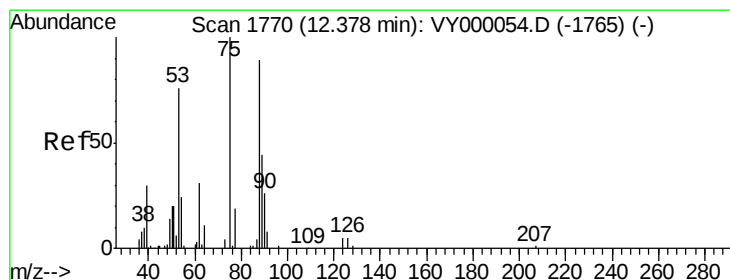
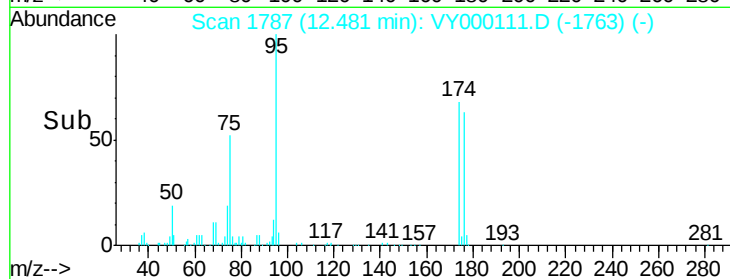
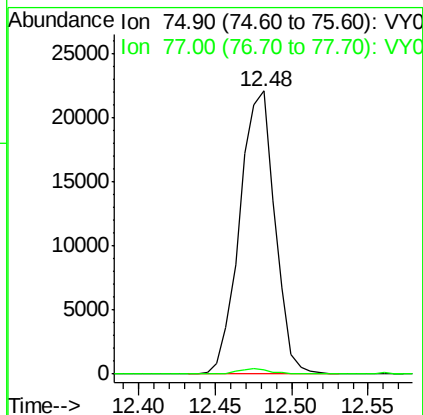
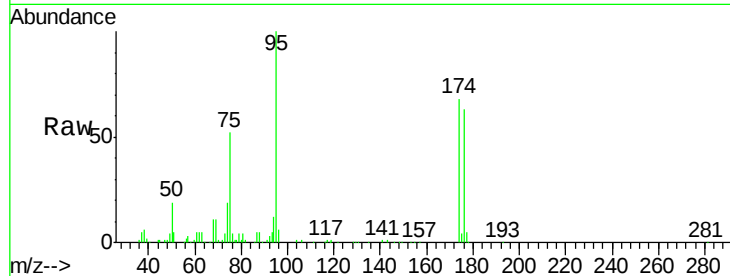


#76

1,2,3-Trichloropropane
Concen: 45.849 ug/l
RT: 12.48 min Scan# 1787
Delta R.T. -0.15 min
Lab File: VY000111.D
Acq: 20 Sep 2019 16:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 75 Resp: 35244
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 88.179 ug/l
RT: 12.48 min Scan# 1787
Delta R.T. 0.10 min
Lab File: VY000111.D
Acq: 20 Sep 2019 16:28

Tgt Ion: 75 Resp: 35244
Ion Ratio Lower Upper
75 100
53 0.0 60.9 91.3#
89 0.2 35.3 52.9#

