

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021220\
 Data File : VY001618.D
 Acq On : 12 Feb 2020 18:19
 Operator : SY/MD
 Sample : VIAL TEST-03
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 13 07:46:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	170346	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	309997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	278961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	126506	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	101496	59.18	ug/l	0.00
Spiked Amount			Recovery	=	118.36%	
35) Dibromofluoromethane	7.75	113	90298	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	
50) Toluene-d8	10.19	98	370948	54.85	ug/l	0.00
Spiked Amount			Recovery	=	109.70%	
62) 4-Bromofluorobenzene	12.49	95	128008	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	

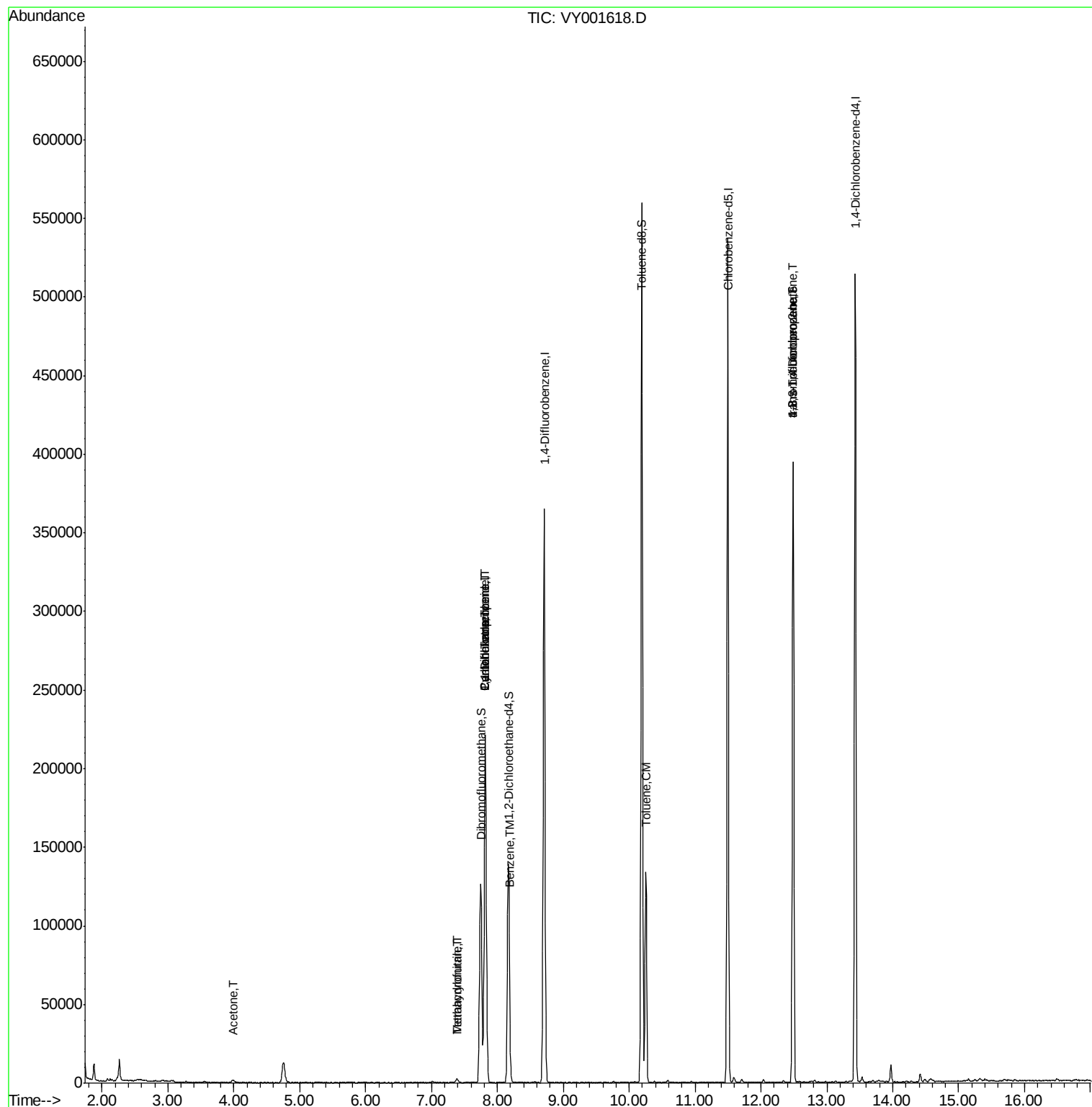
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.01	59	129	Below Cal	#	76
16) Acetone	3.99	43	3428	6.910	ug/l #	82
29) Tetrahydrofuran	7.39	42	2206	5.718	ug/l #	86
31) Cyclohexane	7.82	56	3844	1.151	ug/l #	19
36) 1,1-Dichloropropene	7.82	75	13612	4.800	ug/l #	49
38) Carbon Tetrachloride	7.82	117	16578	6.042	ug/l #	15
40) Benzene	8.19	78	11487	1.420	ug/l	95
41) Methacrylonitrile	7.38	41	1155	1.815	ug/l #	18
52) Toluene	10.25	92	55985	10.908	ug/l	98
76) 1,2,3-Trichloropropane	12.49	75	65048	47.814	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	65048	92.517	ug/l #	16

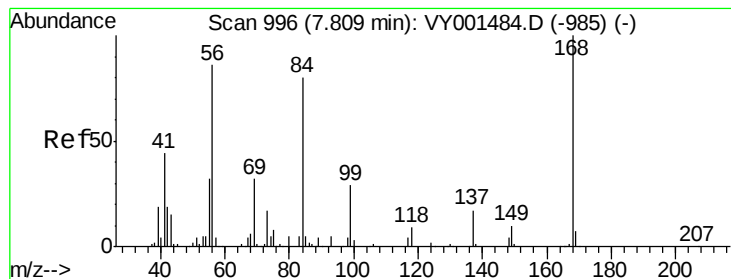
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021220\
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Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001618.D

Acq: 12 Feb 2020 18:19

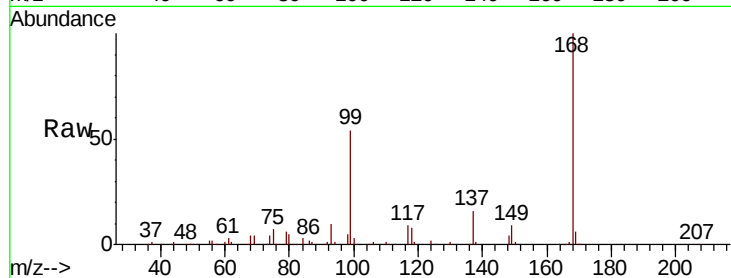
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 170346

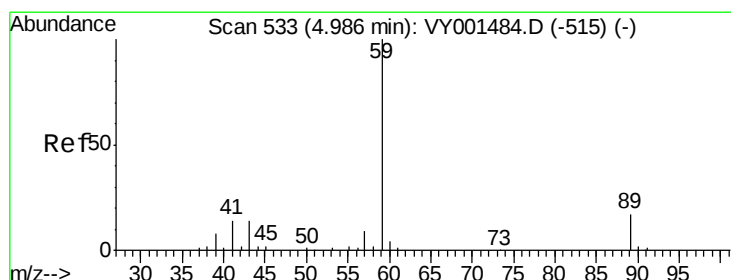
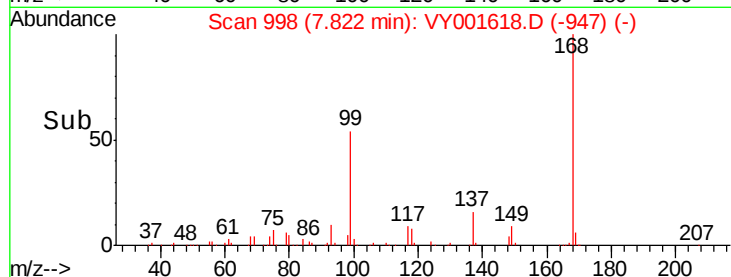
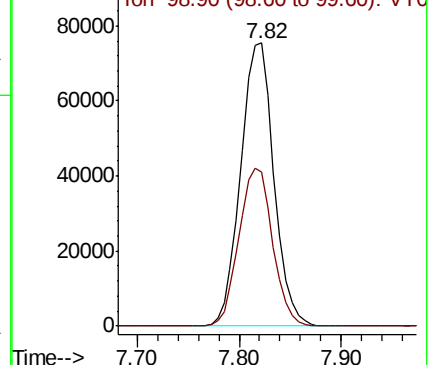
Ion Ratio Lower Upper

168 100

99 54.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001618.D (-947) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.01 min Scan# 537

Delta R.T. 0.03 min

Lab File: VY001618.D

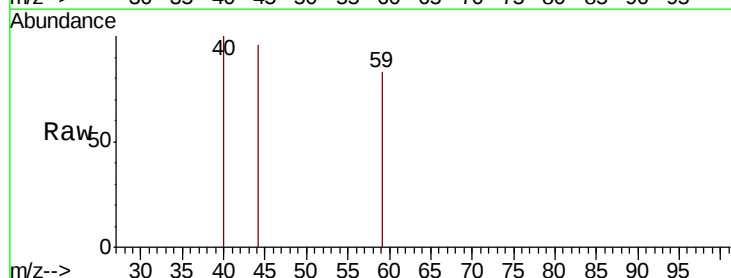
Acq: 12 Feb 2020 18:19

Tgt Ion: 59 Resp: 129

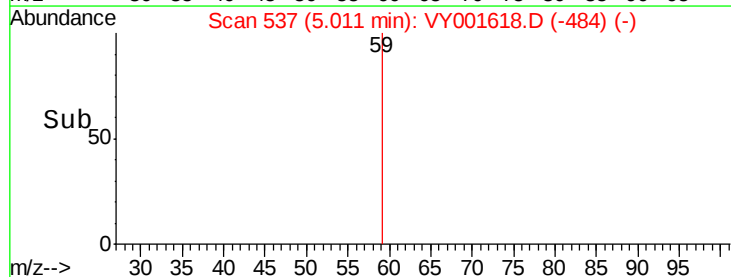
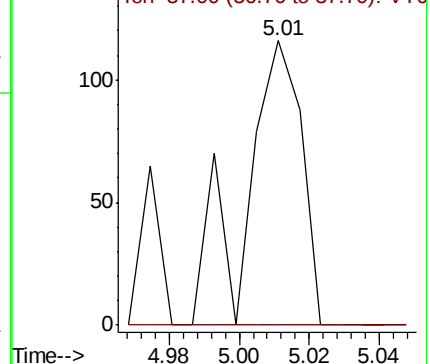
Ion Ratio Lower Upper

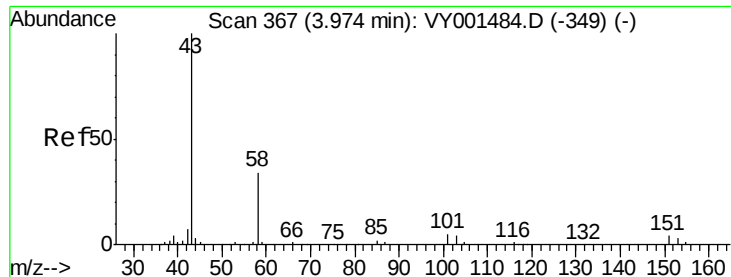
59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001618.D (-484) (-)





#16

Acetone

Concen: 6.910 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.02 min

Lab File: VY001618.D

Acq: 12 Feb 2020 18:19

Instrument :

MSVOA_Y

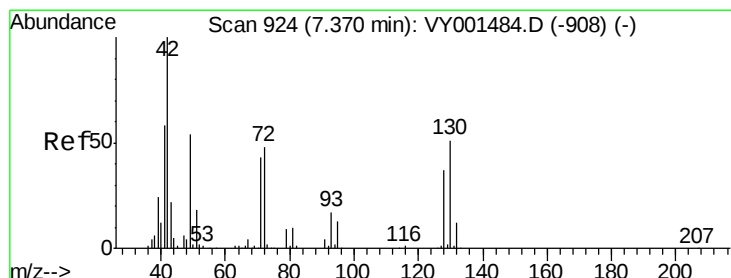
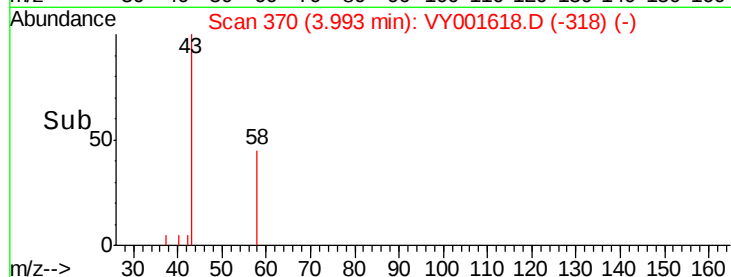
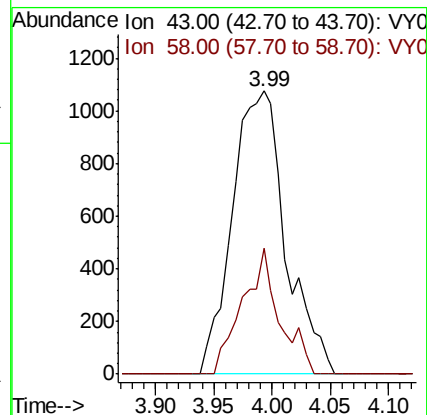
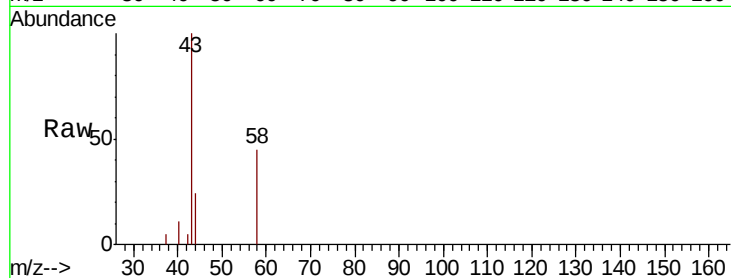
ClientSampleId :

Tot Ion: 43 Resp: 3428

Ion Ratio Lower Upper

43 100

58 44.6 27.5 41.3#



#29

Tetrahydrofuran

Concen: 5.718 ug/l

RT: 7.39 min Scan# 927

Delta R.T. 0.02 min

Lab File: VY001618.D

Acq: 12 Feb 2020 18:19

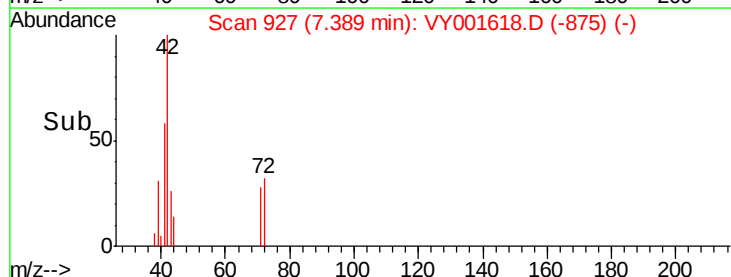
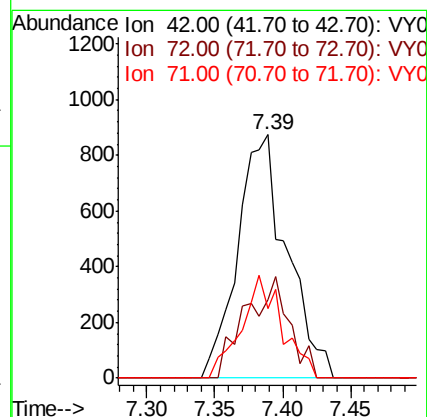
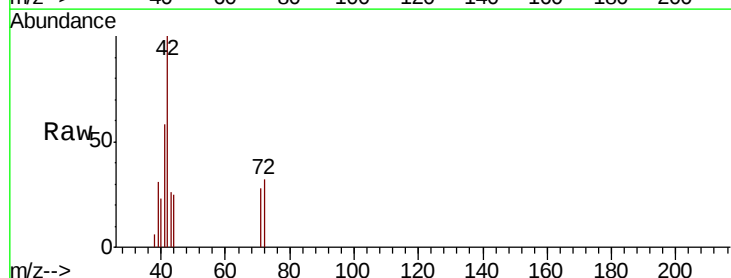
Tgt Ion: 42 Resp: 2206

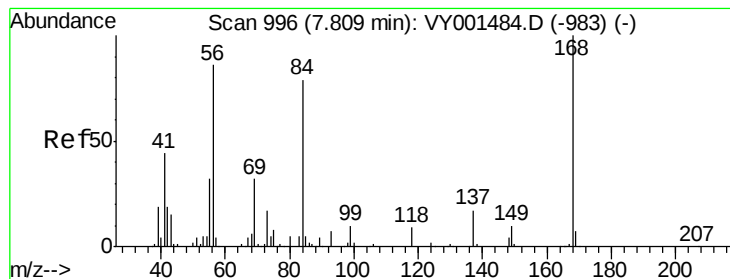
Ion Ratio Lower Upper

42 100

72 37.4 37.8 56.6#

71 35.1 34.8 52.2





#31

Cyclohexane

Concen: 1.151 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001618.D

Acq: 12 Feb 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

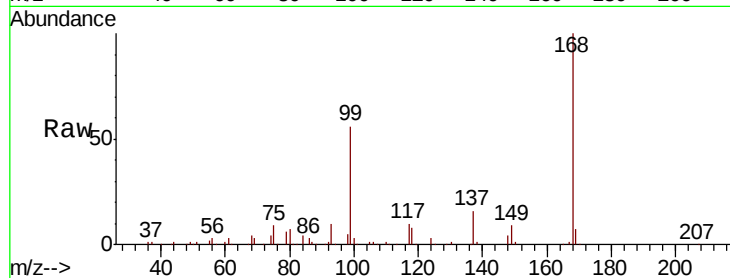
Tot Ion: 56 Resp: 3844

Ion Ratio Lower Upper

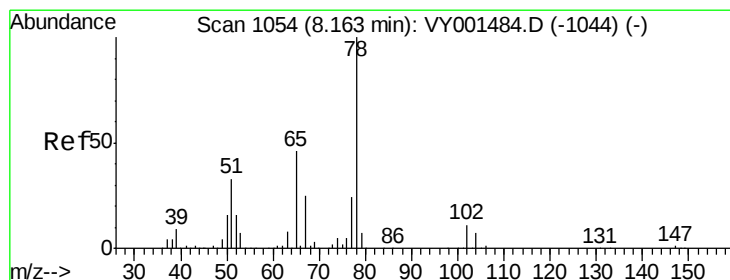
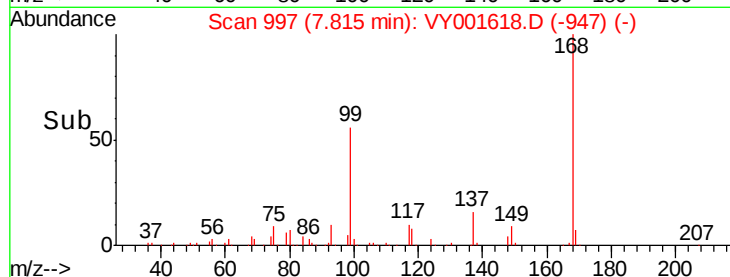
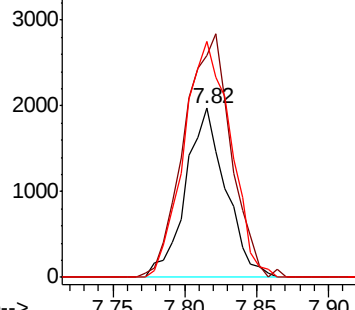
56 100

69 131.2 29.6 44.4#

84 139.5 73.6 110.4#



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



#33

1,2-Dichloroethane-d4

Concen: 59.177 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001618.D

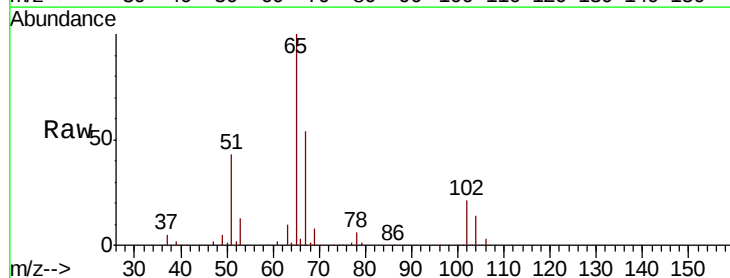
Acq: 12 Feb 2020 18:19

Tgt Ion: 65 Resp: 101496

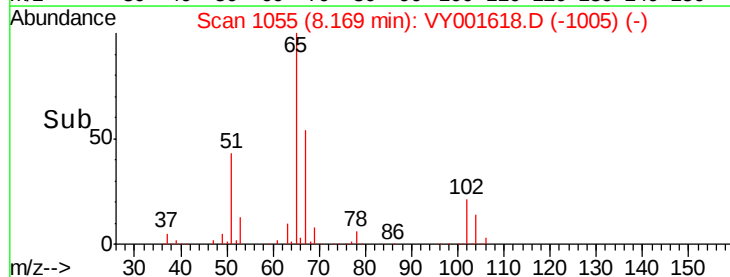
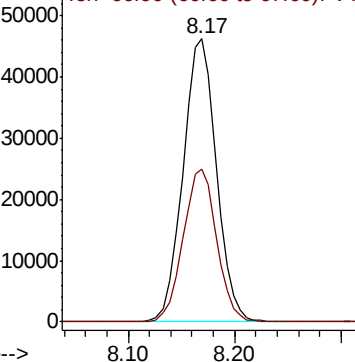
Ion Ratio Lower Upper

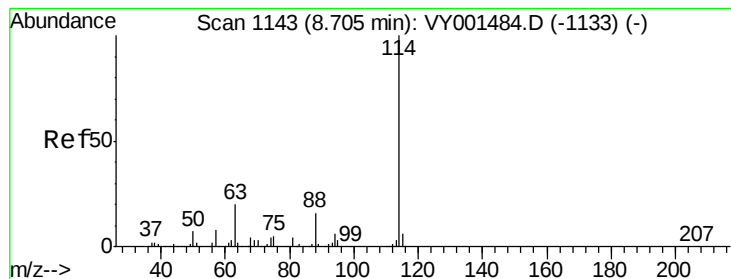
65 100

67 54.2 0.0 108.6



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: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001618.D

Acq: 12 Feb 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

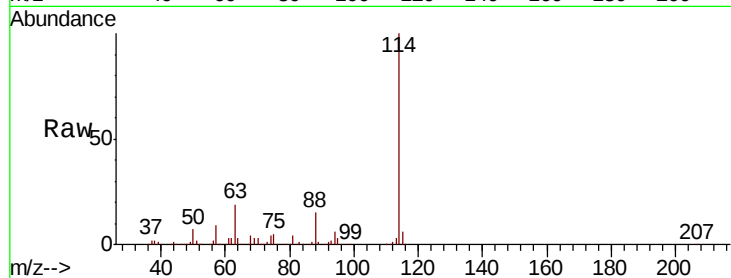
Tot Ion:114 Resp: 309997

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.8

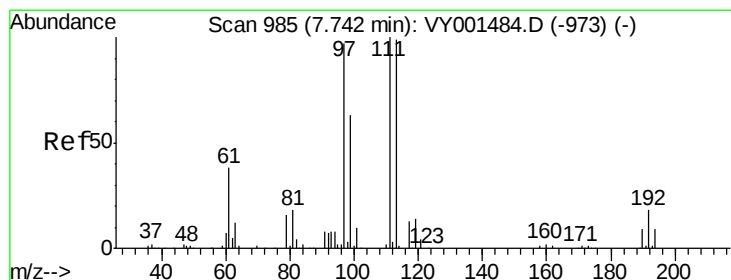
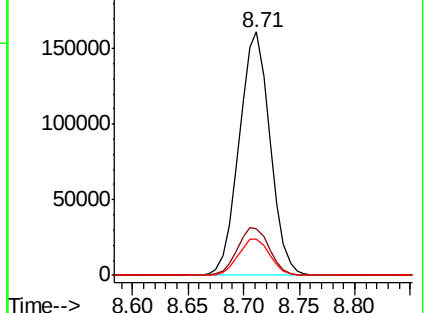
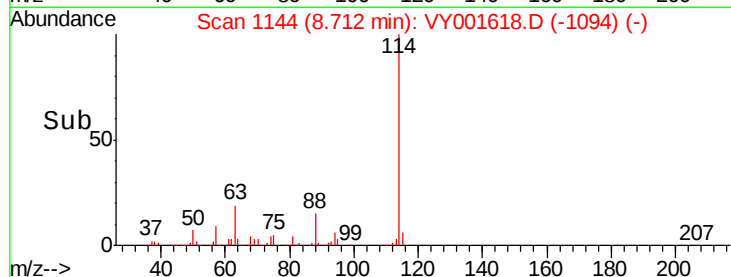
88 15.0 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 50.514 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001618.D

Acq: 12 Feb 2020 18:19

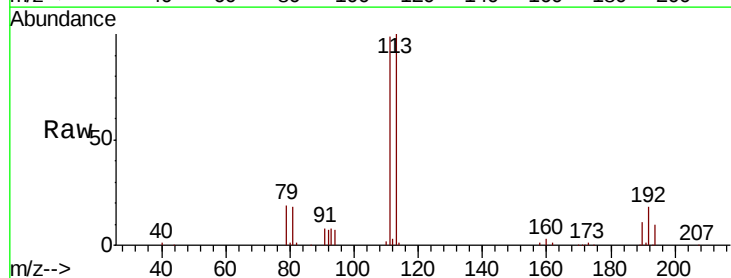
Tgt Ion:113 Resp: 90298

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

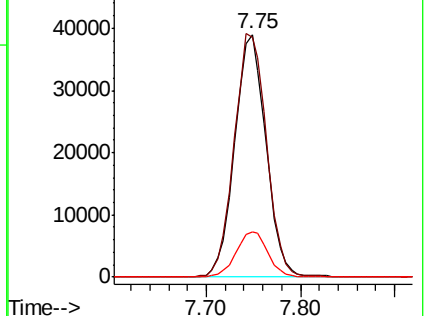
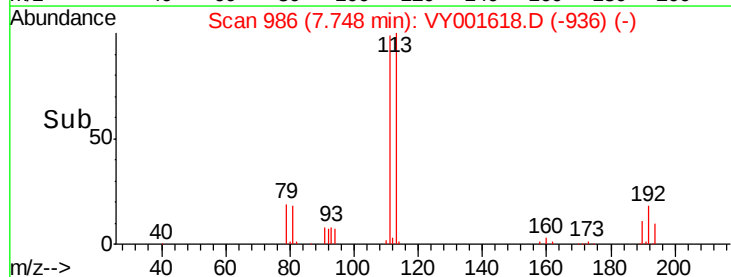
192 18.9 14.6 22.0

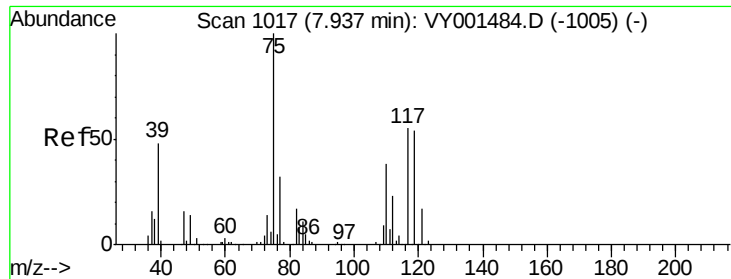


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

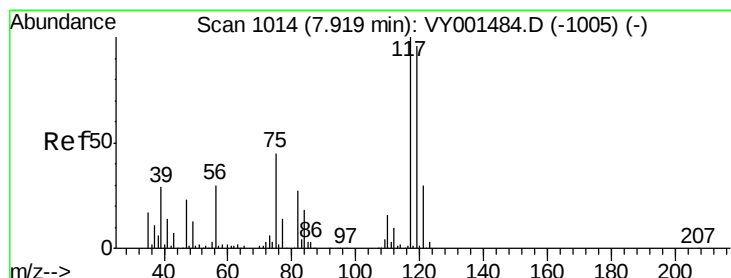
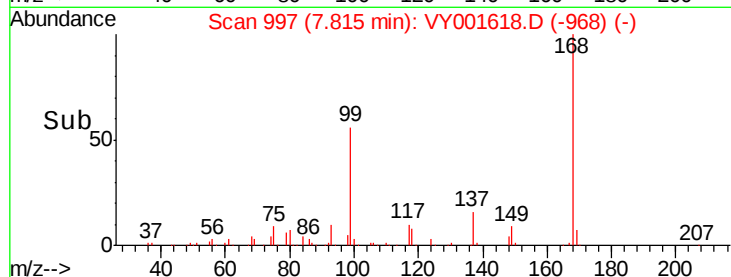
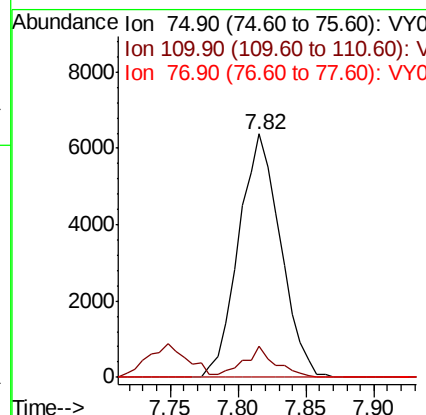
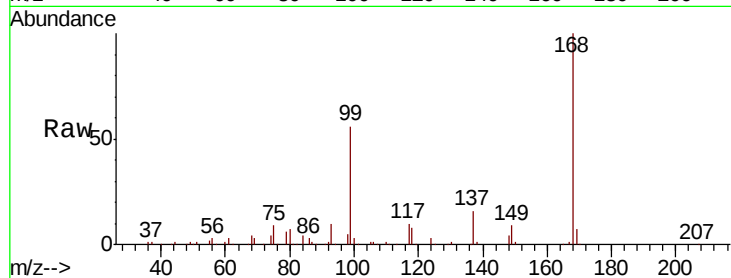




#36
 1,1-Dichloropropene
 Concen: 4.800 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY001618.D
 Acq: 12 Feb 2020 18:19

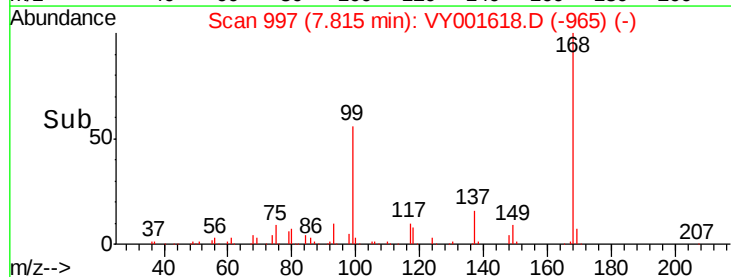
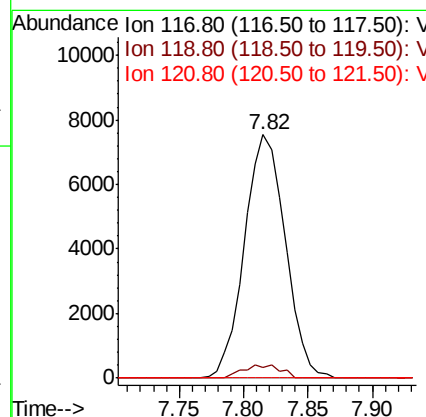
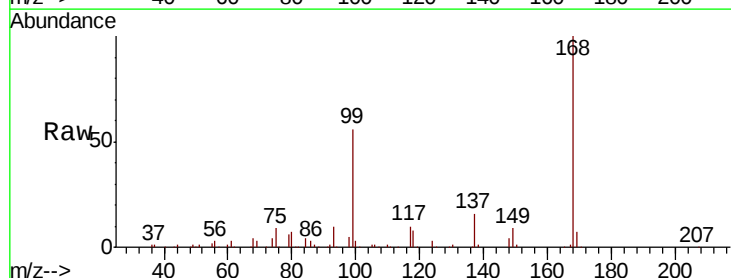
Instrument :
 MSVOA_Y
 ClientSampleId :

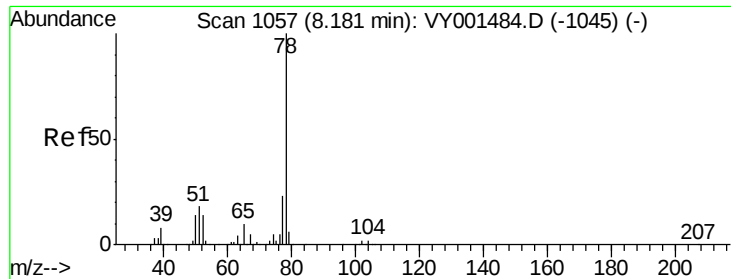
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.2	54.6#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.042 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.10 min
 Lab File: VY001618.D
 Acq: 12 Feb 2020 18:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.4	114.6#
121	0.0	24.2	36.4#





#40

Benzene

Concen: 1.420 ug/l

RT: 8.19 min Scan# 1058

Delta R.T. 0.01 min

Lab File: VY001618.D

Acq: 12 Feb 2020 18:19

Instrument :

MSVOA_Y

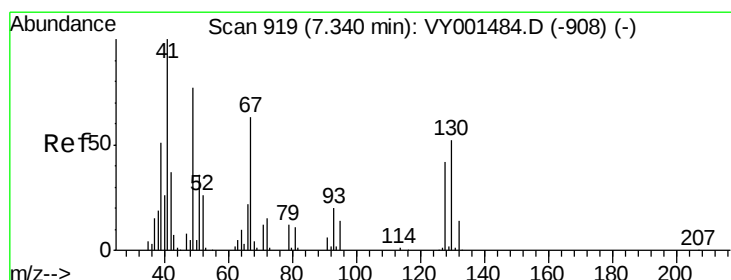
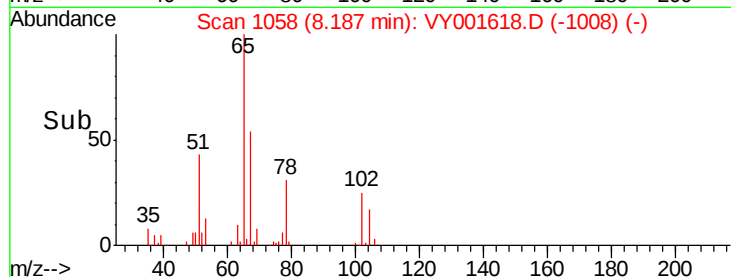
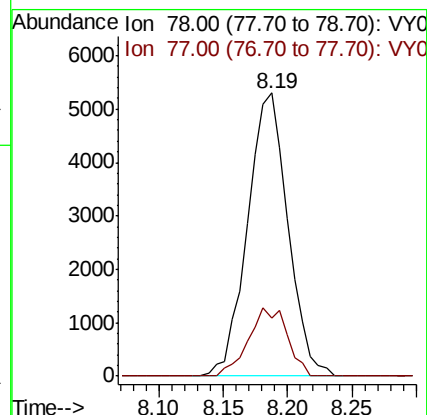
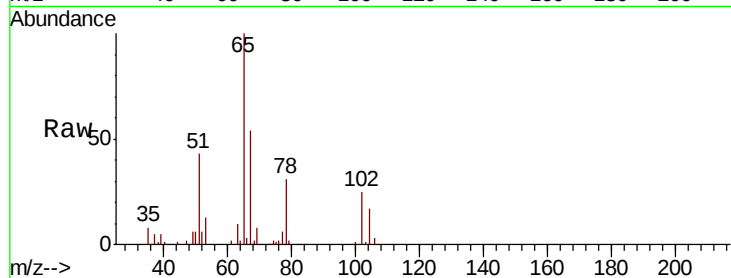
ClientSampleId :

Tot Ion: 78 Resp: 11487

Ion Ratio Lower Upper

78 100

77 20.7 18.5 27.7



#41

Methacrylonitrile

Concen: 1.815 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.04 min

Lab File: VY001618.D

Acq: 12 Feb 2020 18:19

Tgt Ion: 41 Resp: 1155

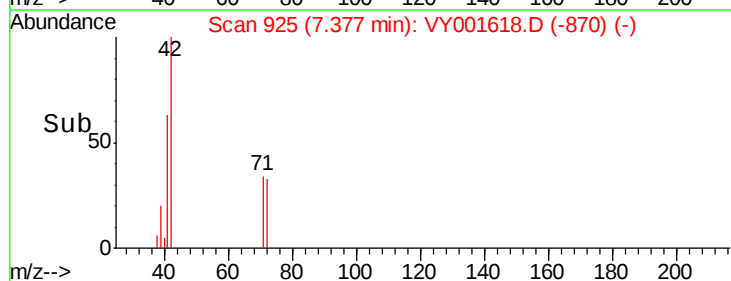
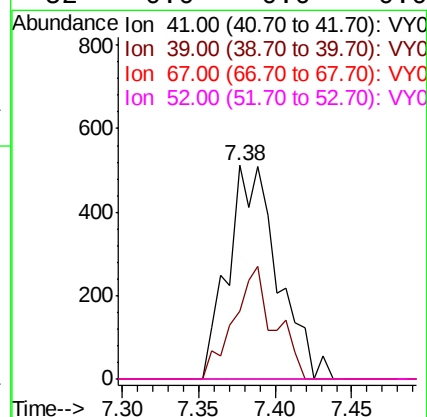
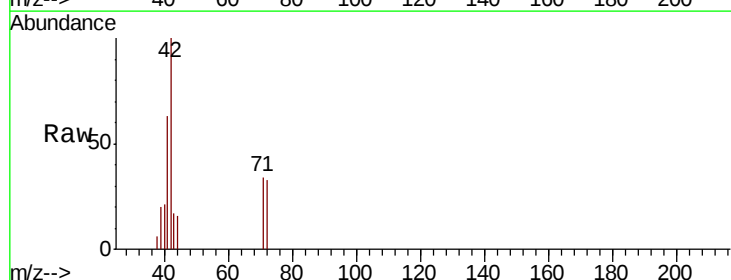
Ion Ratio Lower Upper

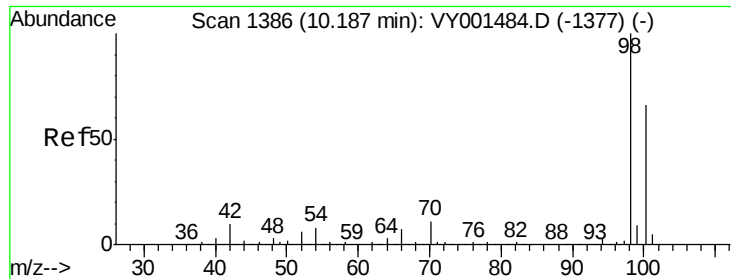
41 100

39 43.0 116.8 175.2#

67 0.0 0.0 0.0

52 0.0 0.0 0.0





#50

Toluene-d8

Concen: 54.848 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001618.D

Acq: 12 Feb 2020 18:19

Instrument :

MSVOA_Y

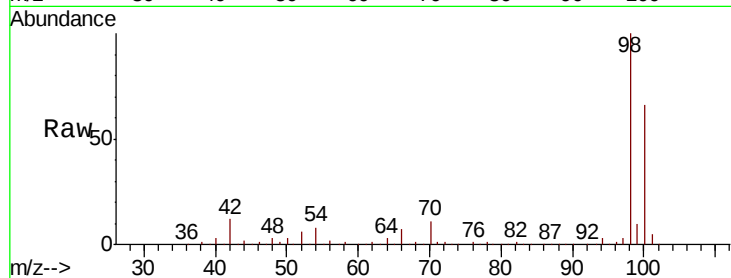
ClientSampleId :

Tot Ion: 98 Resp: 370948

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY001484.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001484.D (-1377) (-)

10.19

200000

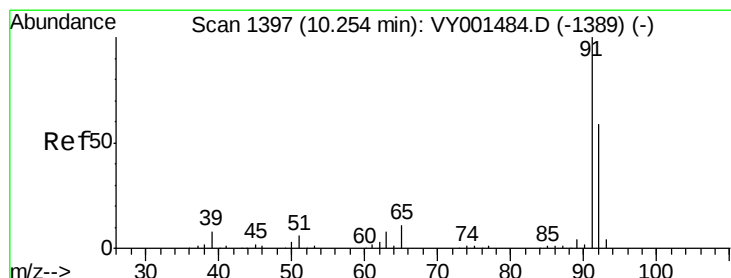
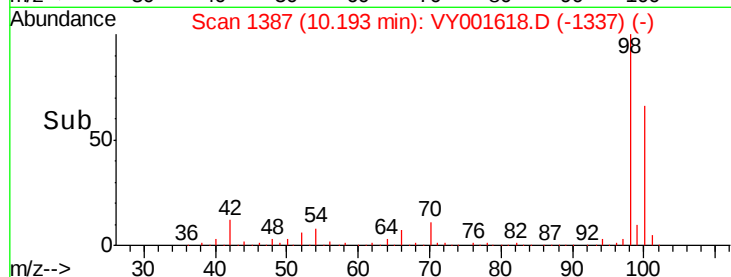
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 10.908 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY001618.D

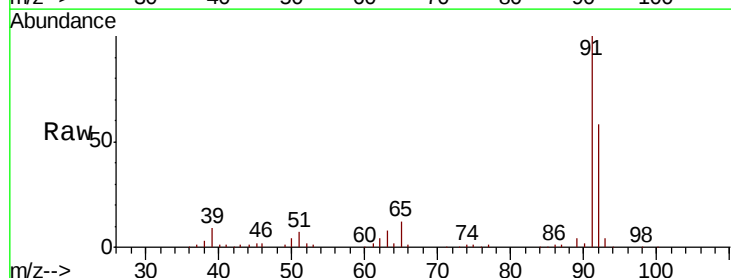
Acq: 12 Feb 2020 18:19

Tgt Ion: 92 Resp: 55985

Ion Ratio Lower Upper

92 100

91 173.6 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY001484.D (-1389) (-)

Ion 91.00 (90.70 to 91.70): VY001484.D (-1389) (-)

60000

50000

40000

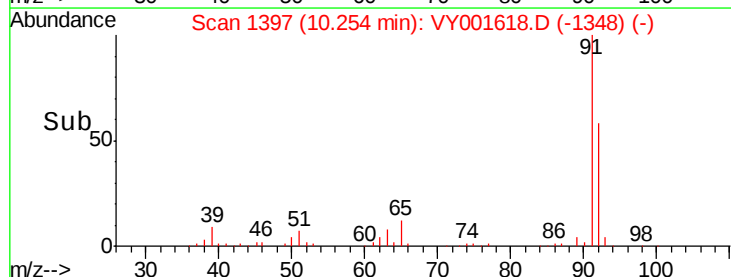
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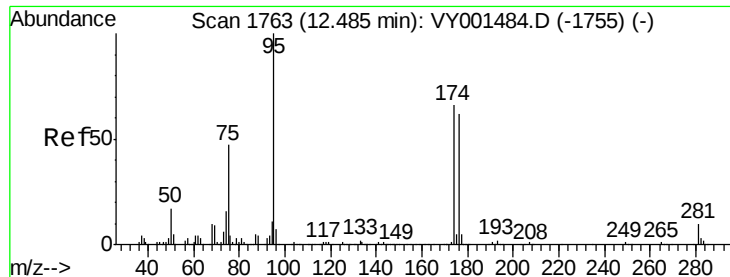
20000

10000

0

Time-->

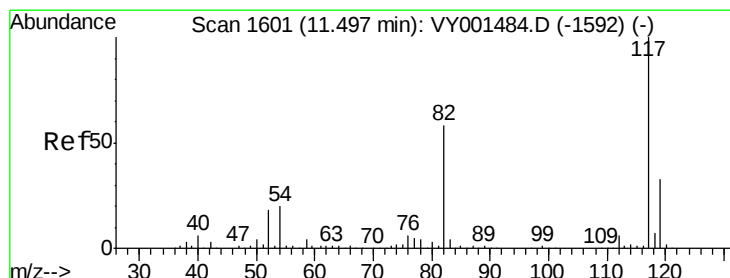
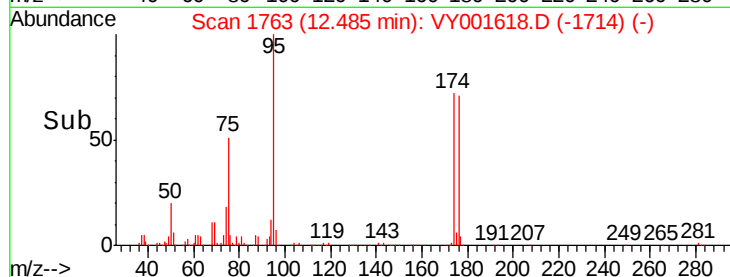
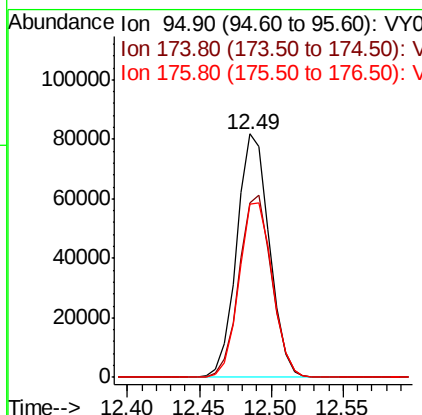
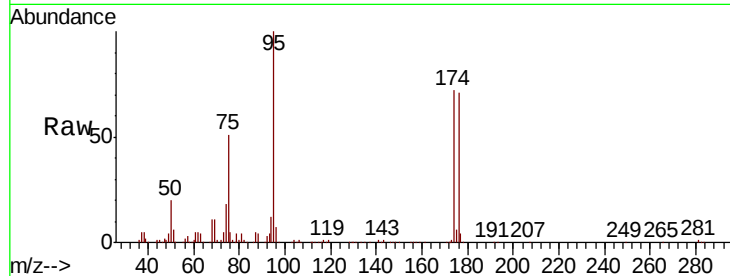




#62
4-Bromofluorobenzene
Concen: 48.045 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY001618.D
Acq: 12 Feb 2020 18:19

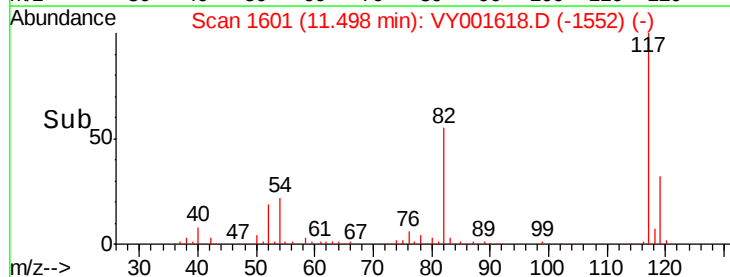
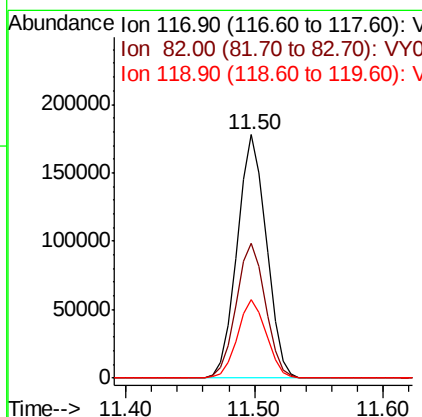
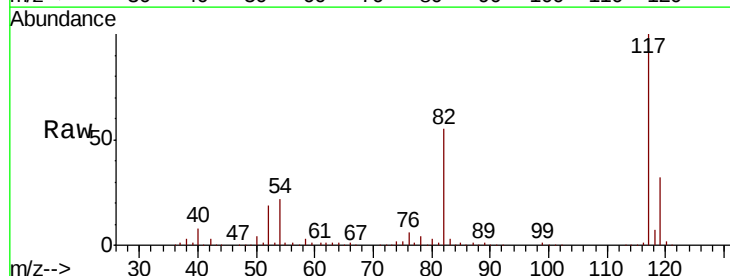
Instrument :
MSVOA_Y
ClientSampled :

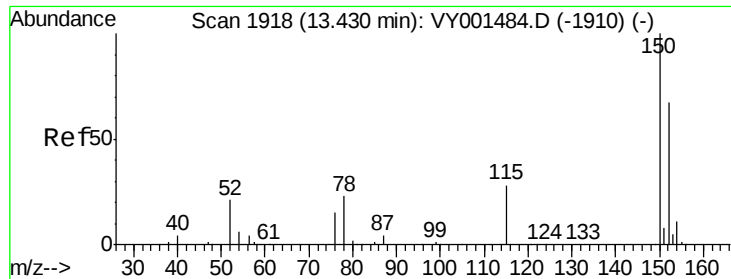
Tot Ion	95	Resp	128008
Ion Ratio	Lower	Upper	
95	100		
174	74.8	0.0	141.4
176	73.4	0.0	135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001618.D
Acq: 12 Feb 2020 18:19

Tgt Ion	117	Resp	278961
Ion Ratio	Lower	Upper	
117	100		
82	55.3	46.1	69.1
119	32.4	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY001618.D

Acq: 12 Feb 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

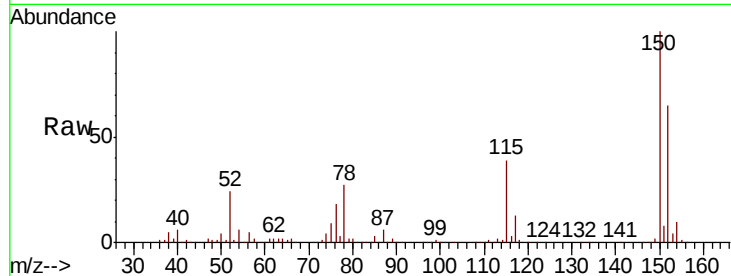
Tot Ion:152 Resp: 126506

Ion Ratio Lower Upper

152 100

115 60.0 31.4 94.3

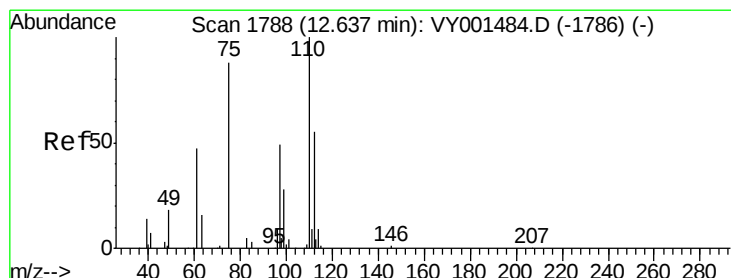
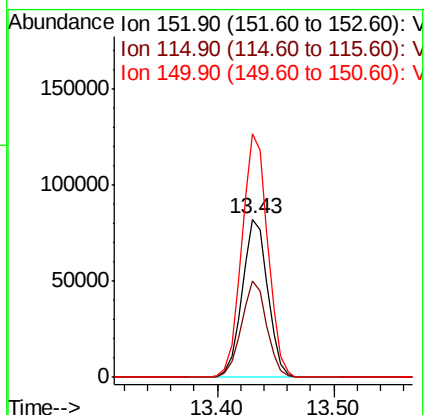
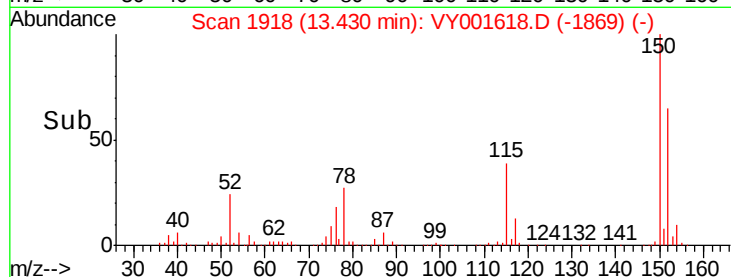
150 155.8 0.0 346.8



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: 47.814 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY001618.D

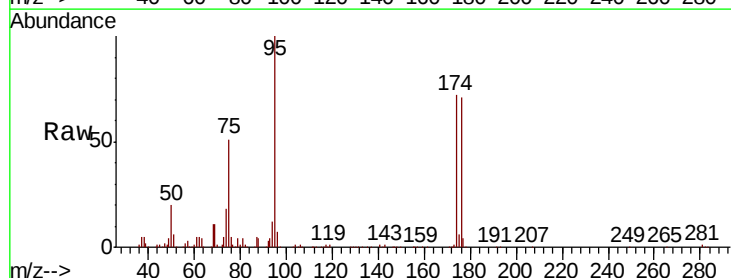
Acq: 12 Feb 2020 18:19

Tgt Ion: 75 Resp: 65048

Ion Ratio Lower Upper

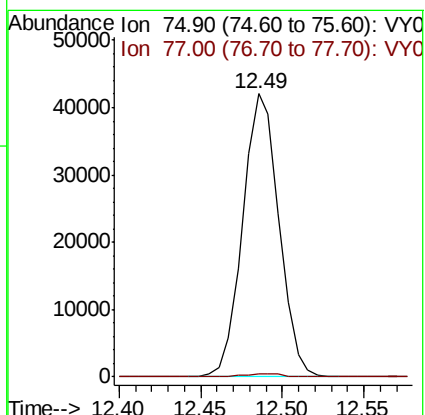
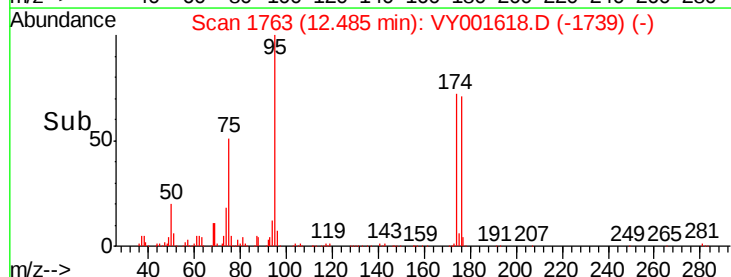
75 100

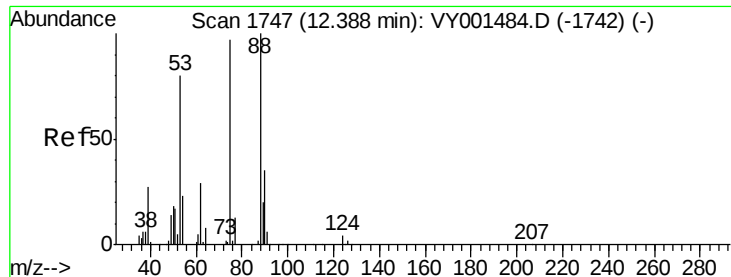
77 1.2 0.0 0.0#



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: 92.517 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001618.D

Acq: 12 Feb 2020 18:19

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 65048

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

89 0.0 34.6 52.0#

