

Data File : VY001512.D
Acq On : 05 Feb 2020 17:11
Operator : SY/MD
Sample : L1393-05
Misc : 7.23G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-03-2-3

Quant Time: Feb 06 07:00:47 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	165014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	305151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	266377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	87671	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	99639	59.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.94%	
35) Dibromofluoromethane	7.74	113	93038	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
50) Toluene-d8	10.19	98	366682	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	
62) 4-Bromofluorobenzene	12.49	95	118044	45.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.02%	

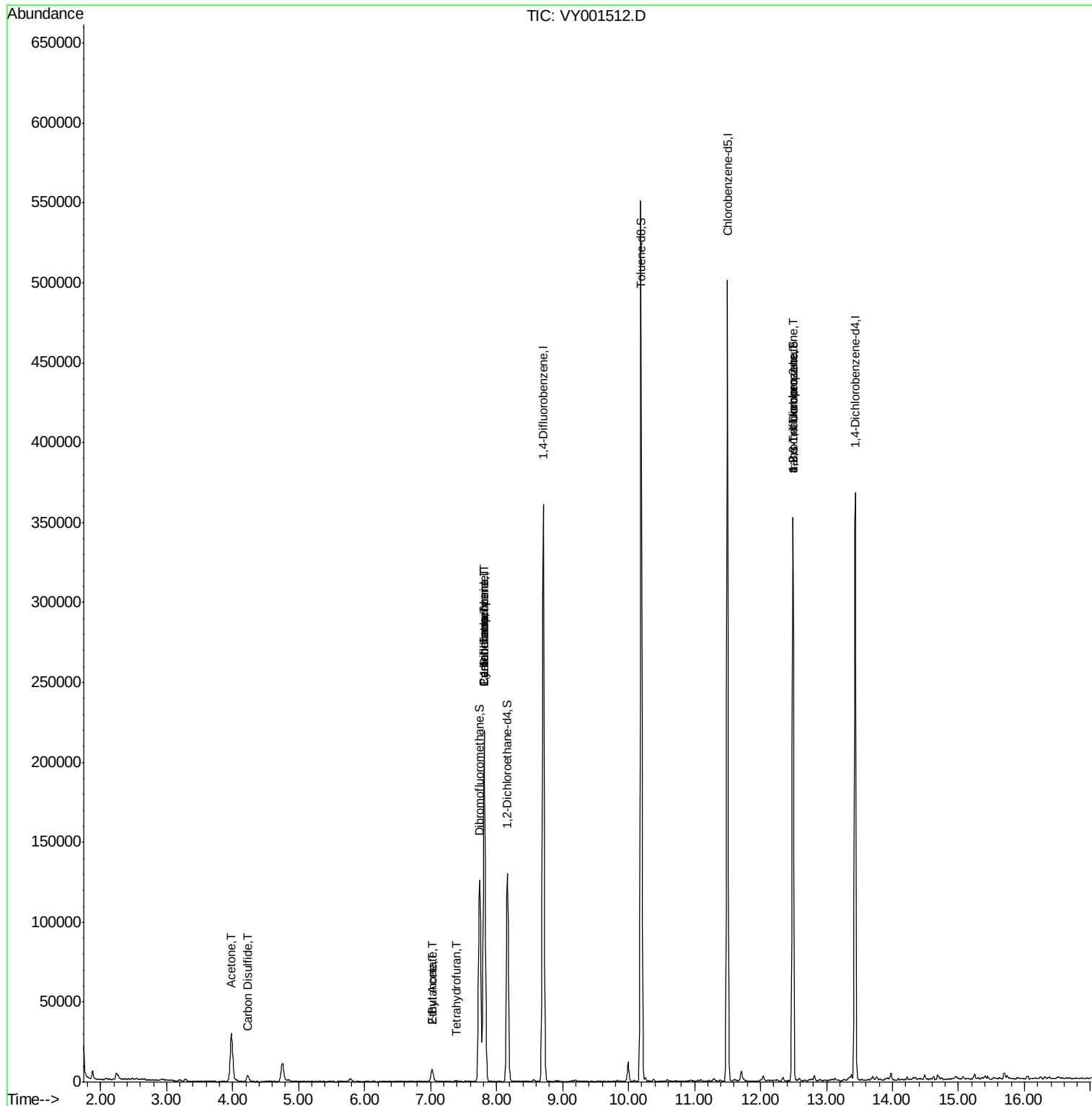
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.99	59	69	Below Cal	#	76
16) Acetone	3.98	43	53920	112.195	ug/l	97
17) Carbon Disulfide	4.22	76	6855	1.241	ug/l	99
20) Methylene Chloride	4.75	84	8615	Below Cal		95
25) 2-Butanone	7.02	43	12923	20.727	ug/l	94
29) Tetrahydrofuran	7.38	42	393	1.052	ug/l #	56
31) Cyclohexane	7.82	56	3784	1.170	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	13216	4.734	ug/l #	49
37) Ethyl Acetate	7.02	43	12923	9.563	ug/l #	66
38) Carbon Tetrachloride	7.81	117	16685	6.178	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	58339	61.877	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	58339	119.730	ug/l #	16

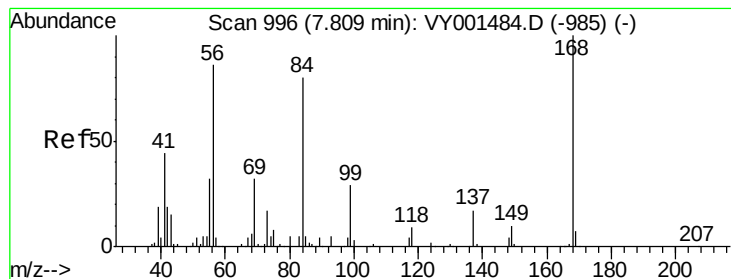
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001512.D

Acq: 05 Feb 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

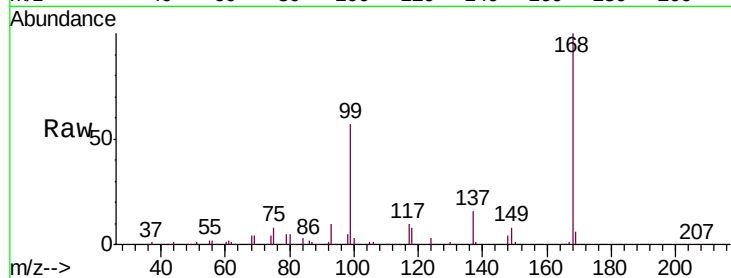
HAM-SB-03-2-3

Tgt Ion: 168 Resp: 165014

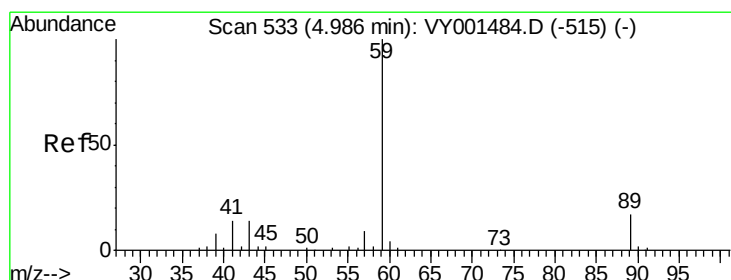
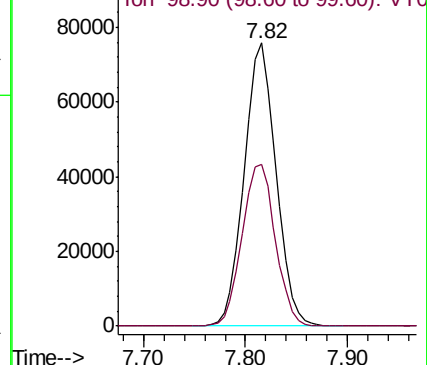
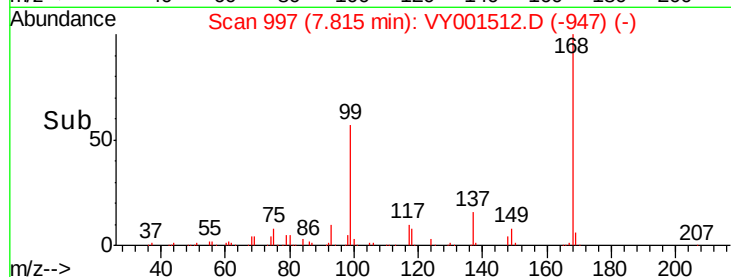
Ion Ratio Lower Upper

168 100

99 57.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001512.D (-947) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. 0.00 min

Lab File: VY001512.D

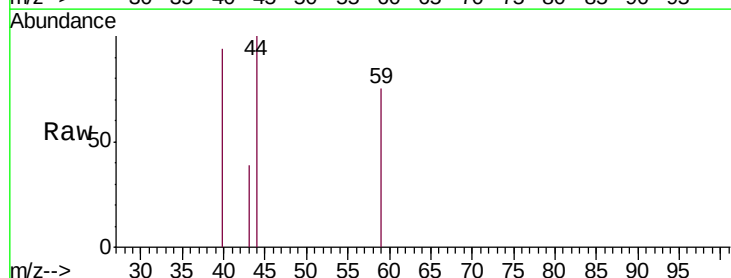
Acq: 05 Feb 2020 17:11

Tgt Ion: 59 Resp: 69

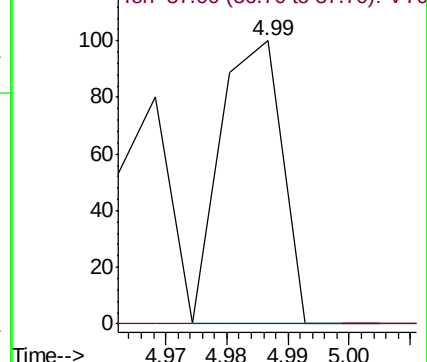
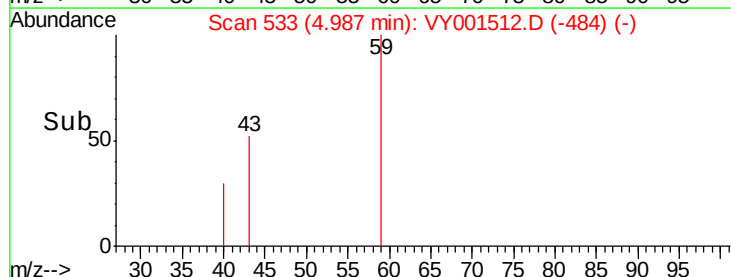
Ion Ratio Lower Upper

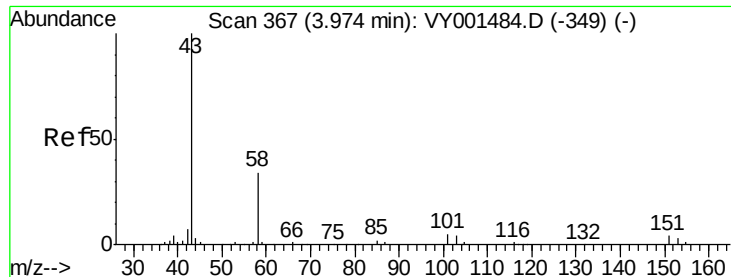
59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001512.D (-484) (-)

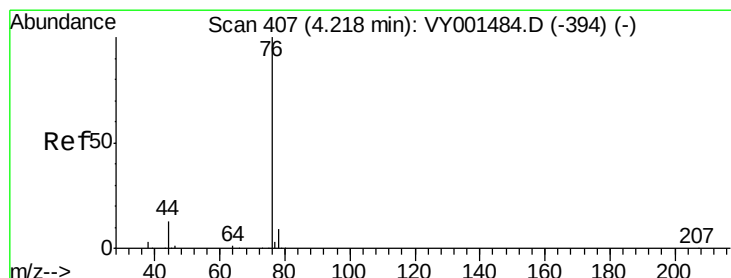
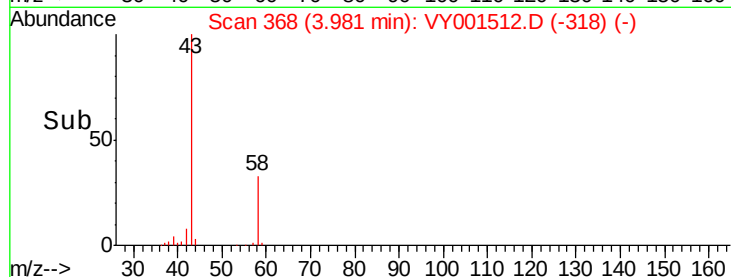
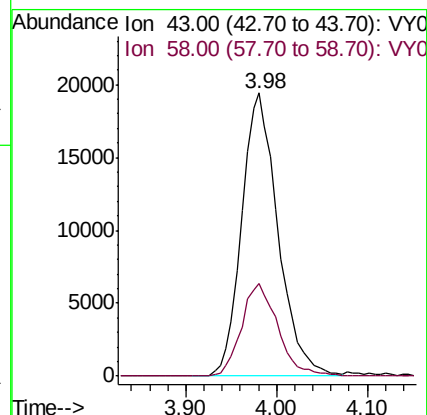
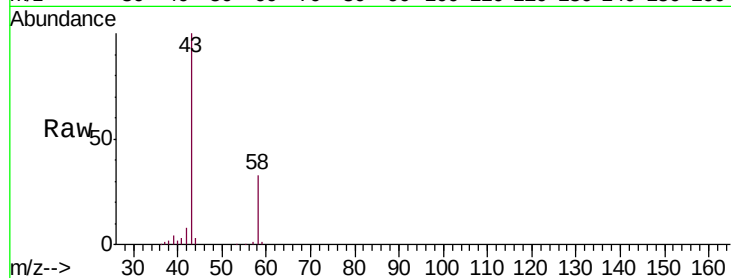




#16
Acetone
Concen: 112.195 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.01 min
Lab File: VY001512.D
Acq: 05 Feb 2020 17:11

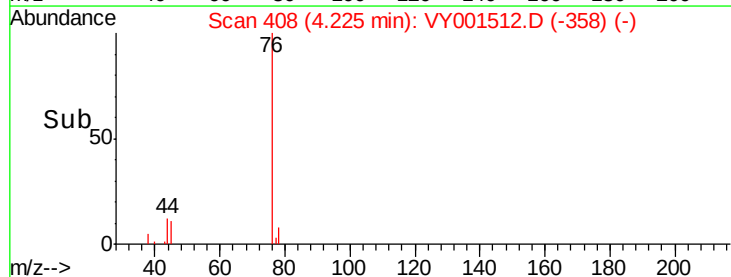
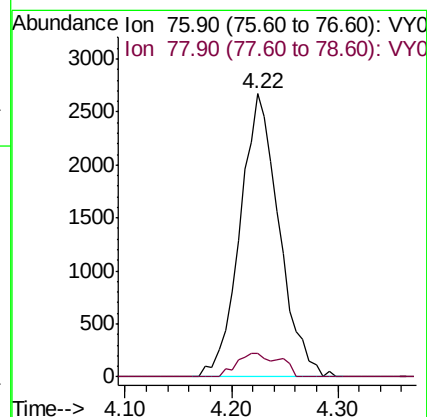
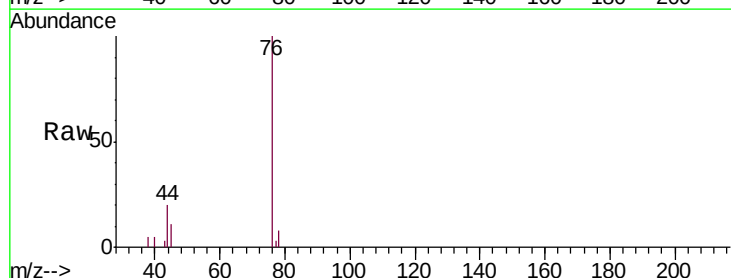
Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-03-2-3

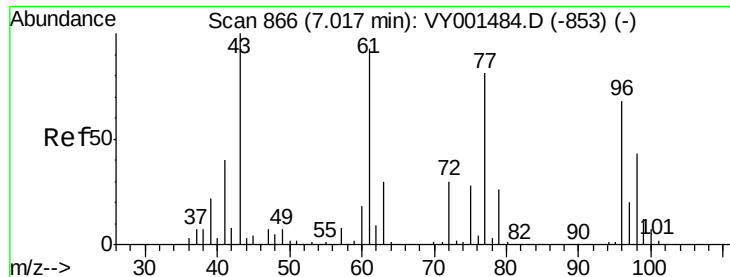
Tgt Ion: 43 Resp: 53920
Ion Ratio Lower Upper
43 100
58 32.8 27.5 41.3



#17
Carbon Disulfide
Concen: 1.241 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY001512.D
Acq: 05 Feb 2020 17:11

Tgt Ion: 76 Resp: 6855
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6





#25

2-Butanone

Concen: 20.727 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001512.D

Acq: 05 Feb 2020 17:11

Instrument :

MSVOA_Y

ClientSampled :

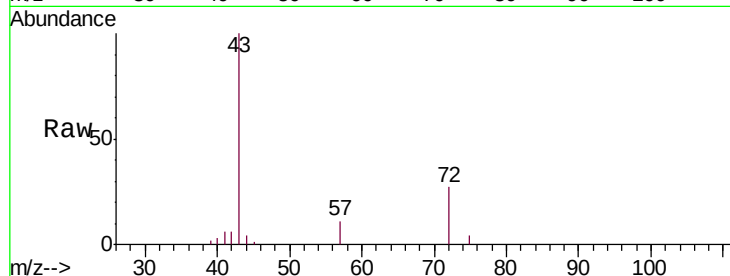
HAM-SB-03-2-3

Tgt Ion: 43 Resp: 12923

Ion Ratio Lower Upper

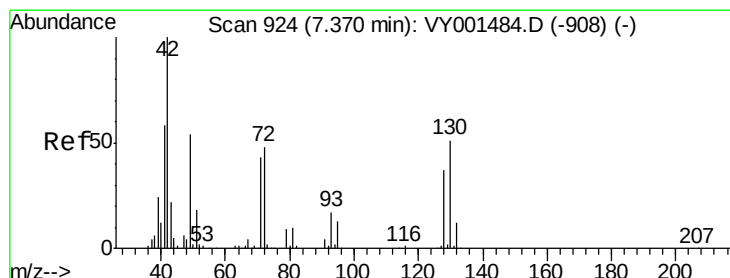
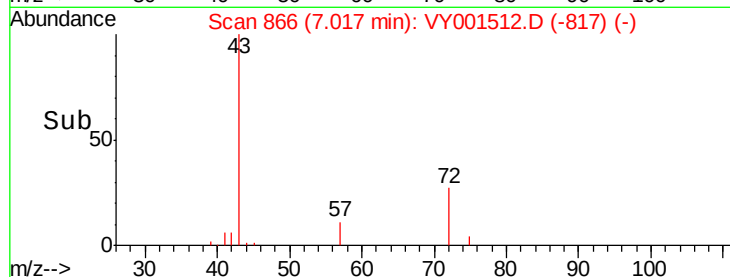
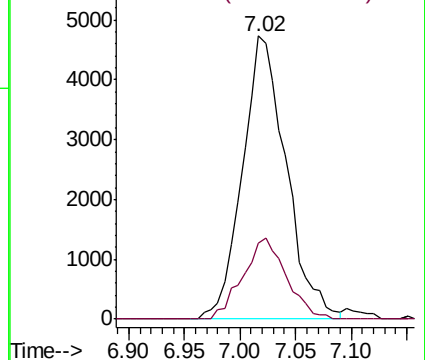
43 100

72 26.7 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#29

Tetrahydrofuran

Concen: 1.052 ug/l

RT: 7.38 min Scan# 926

Delta R.T. 0.01 min

Lab File: VY001512.D

Acq: 05 Feb 2020 17:11

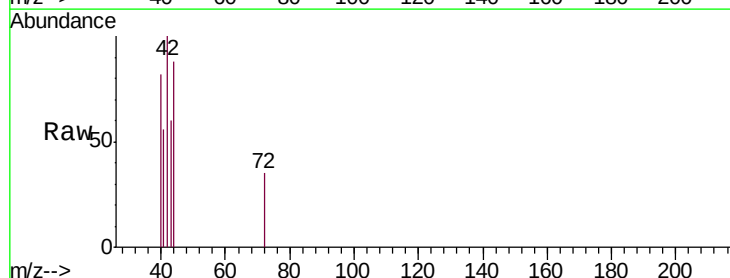
Tgt Ion: 42 Resp: 393

Ion Ratio Lower Upper

42 100

72 13.7 37.8 56.6#

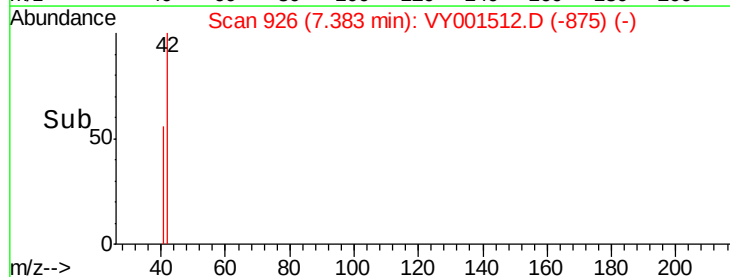
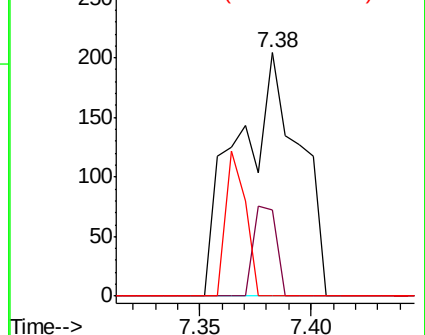
71 18.8 34.8 52.2#

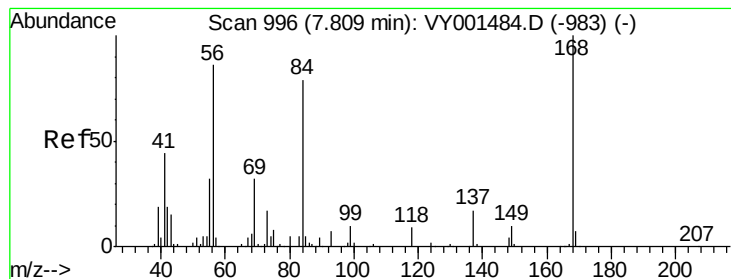


Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0





#31

Cyclohexane

Concen: 1.170 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001512.D

Acq: 05 Feb 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

HAM-SB-03-2-3

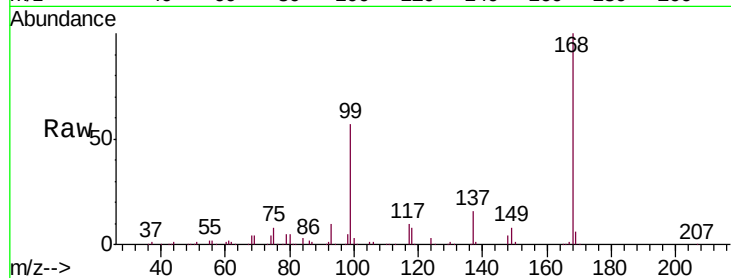
Tgt Ion: 56 Resp: 3784

Ion Ratio Lower Upper

56 100

69 172.7 29.6 44.4#

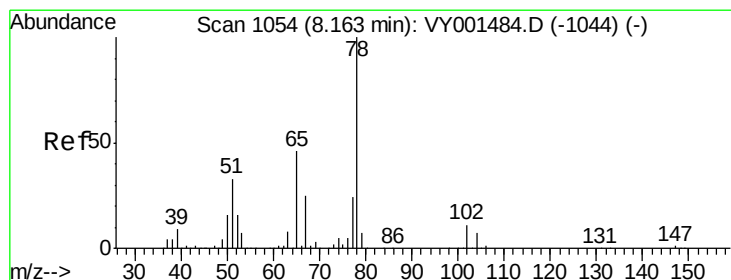
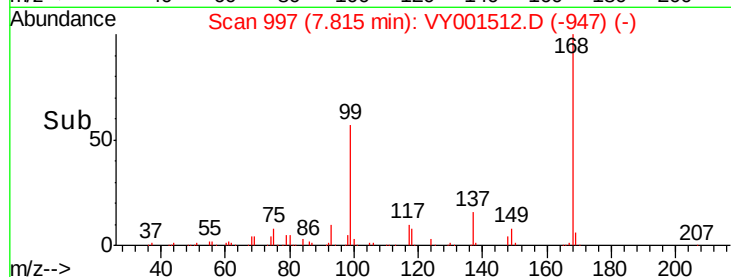
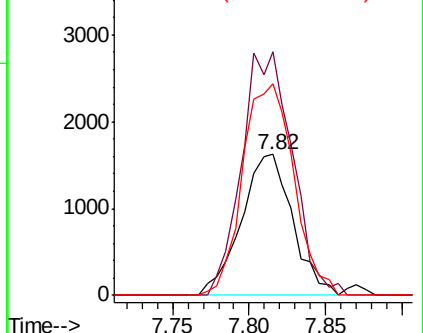
84 149.7 73.6 110.4#



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: 59.971 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY001512.D

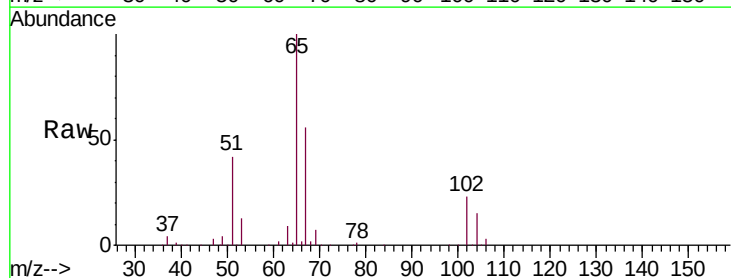
Acq: 05 Feb 2020 17:11

Tgt Ion: 65 Resp: 99639

Ion Ratio Lower Upper

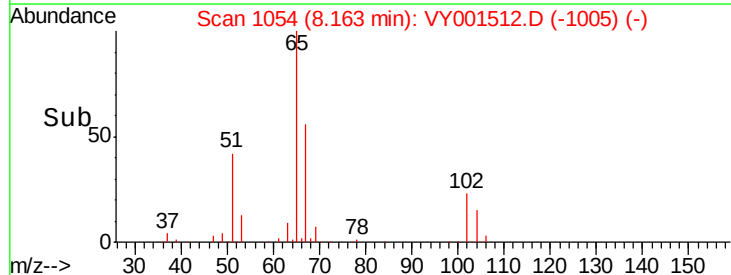
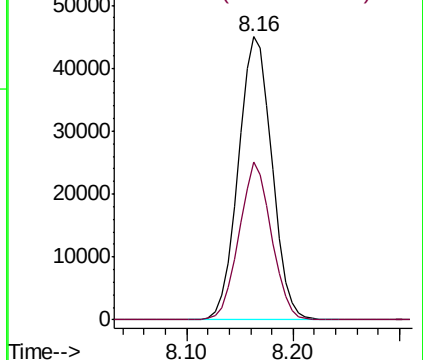
65 100

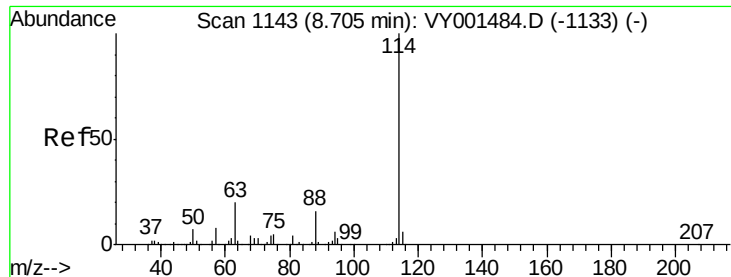
67 53.5 0.0 108.6



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# 1143

Delta R.T. 0.00 min

Lab File: VY001512.D

Acq: 05 Feb 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

HAM-SB-03-2-3

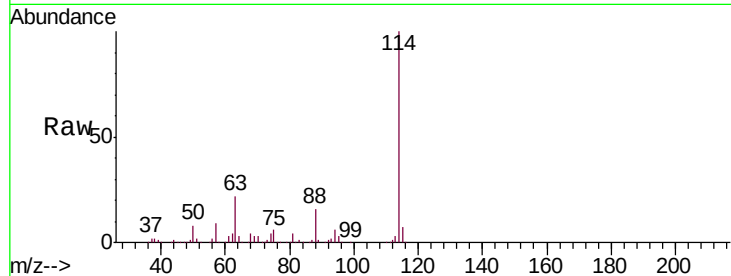
Tgt Ion:114 Resp: 305151

Ion Ratio Lower Upper

114 100

63 22.1 0.0 39.8

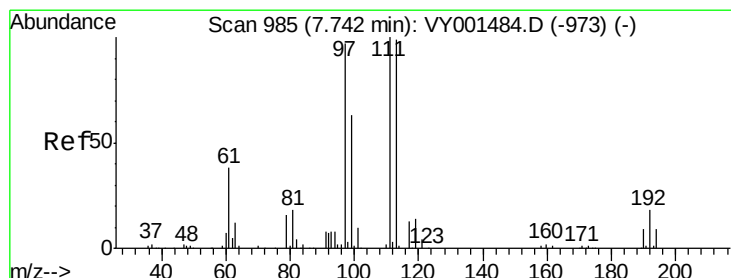
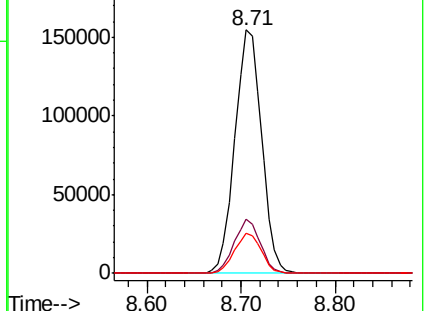
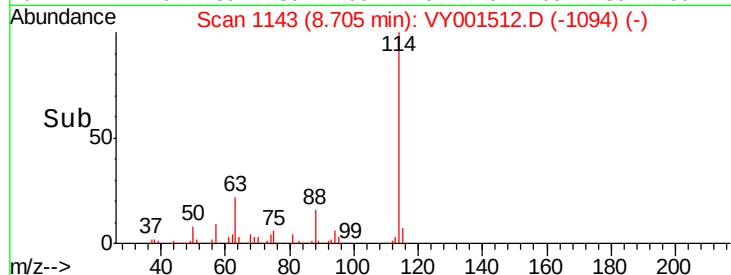
88 16.4 0.0 32.6



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: 52.873 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.00 min

Lab File: VY001512.D

Acq: 05 Feb 2020 17:11

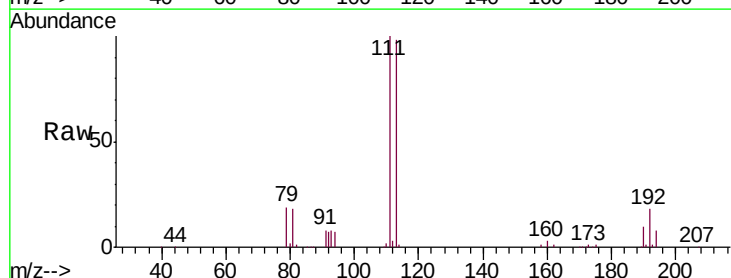
Tgt Ion:113 Resp: 93038

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

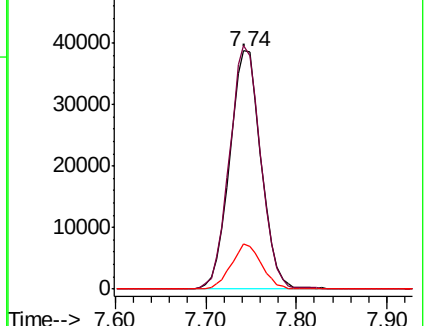
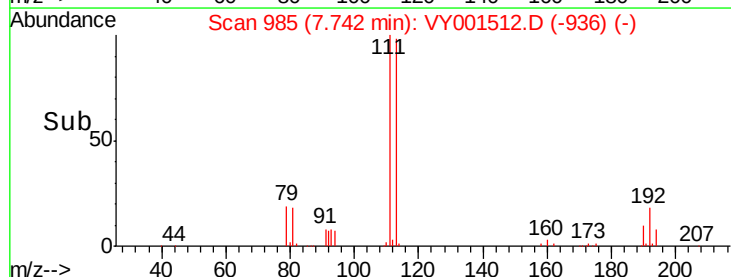
192 18.3 14.6 22.0

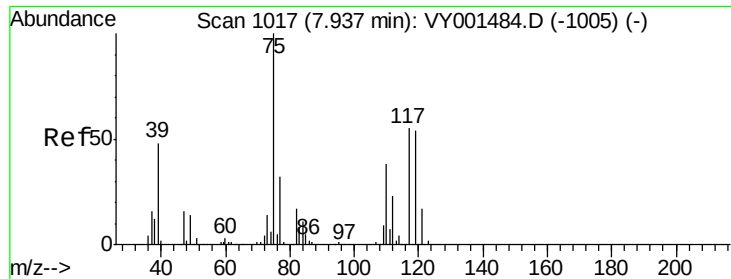


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

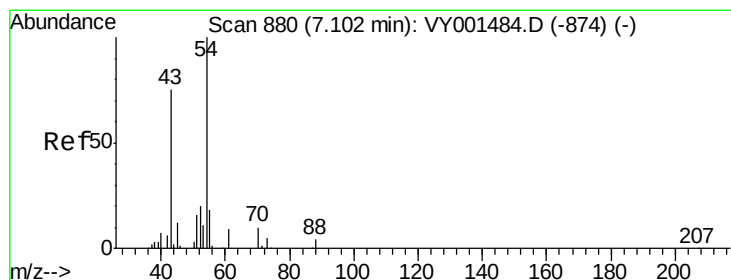
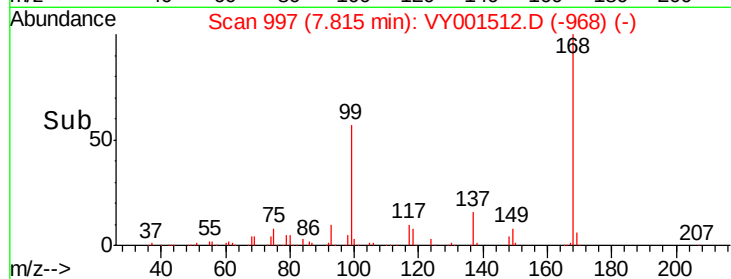
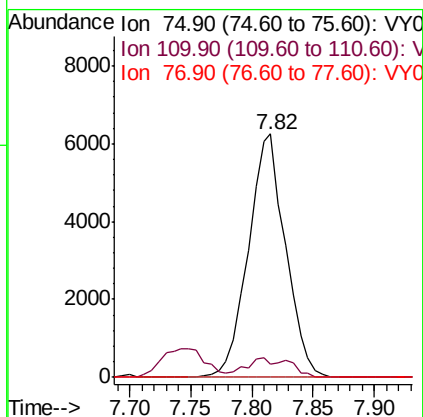
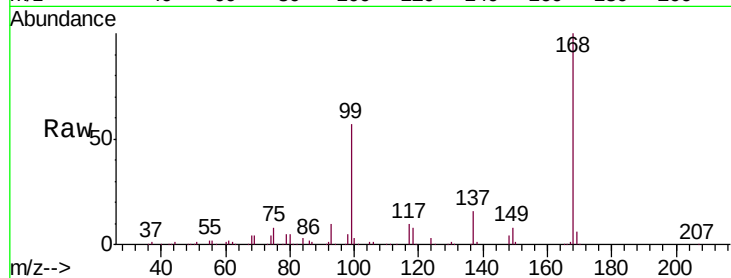




#36
 1,1-Dichloropropene
 Concen: 4.734 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY001512.D
 Acq: 05 Feb 2020 17:11

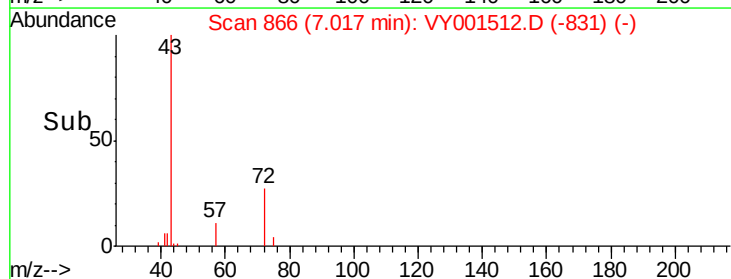
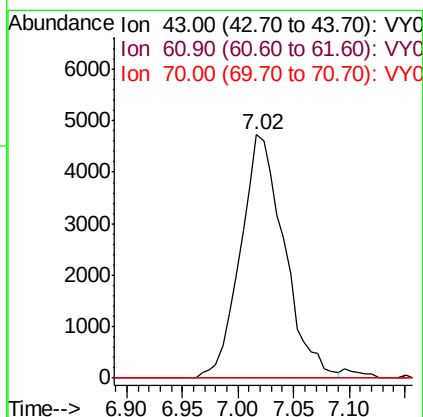
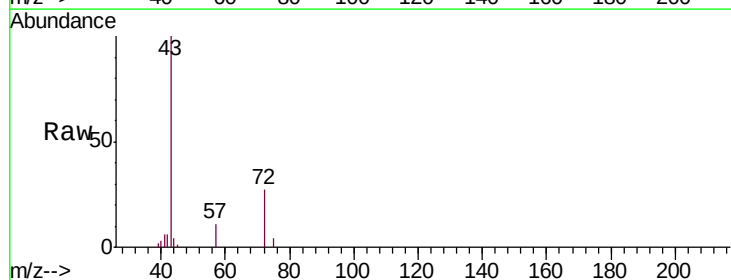
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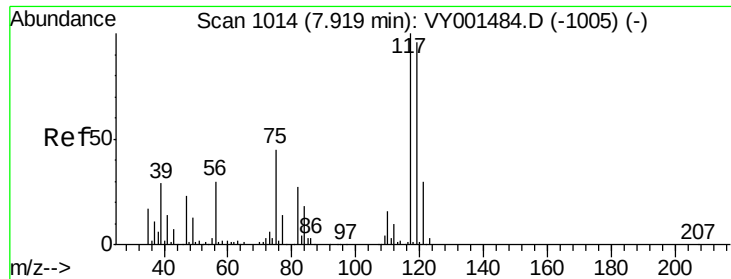
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.2	54.6#
77	0.0	25.0	37.4#



#37
 Ethyl Acetate
 Concen: 9.563 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. -0.09 min
 Lab File: VY001512.D
 Acq: 05 Feb 2020 17:11

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.0	18.0#
70	0.0	10.2	15.4#





#38

Carbon Tetrachloride

Concen: 6.178 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.11 min

Lab File: VY001512.D

Acq: 05 Feb 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

HAM-SB-03-2-3

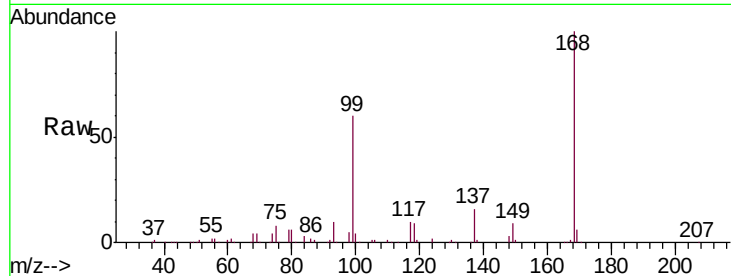
Tgt Ion:117 Resp: 16685

Ion Ratio Lower Upper

117 100

119 5.7 76.4 114.6#

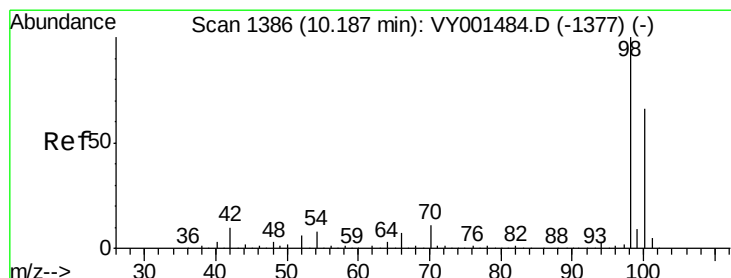
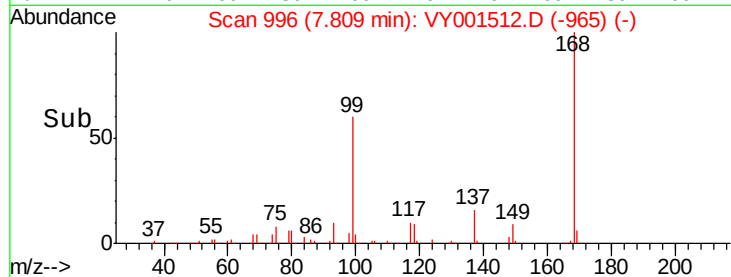
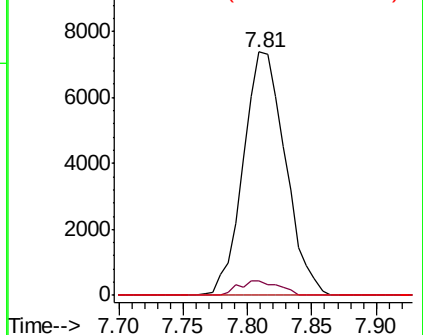
121 0.0 24.2 36.4#



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: 55.078 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY001512.D

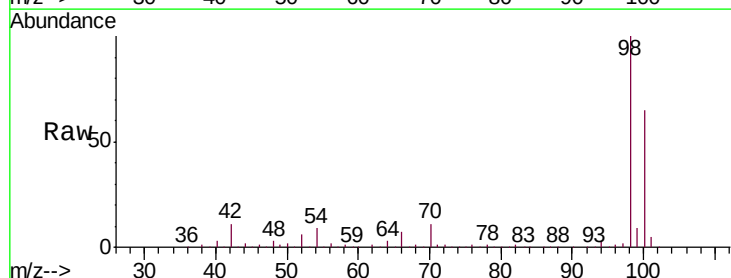
Acq: 05 Feb 2020 17:11

Tgt Ion: 98 Resp: 366682

Ion Ratio Lower Upper

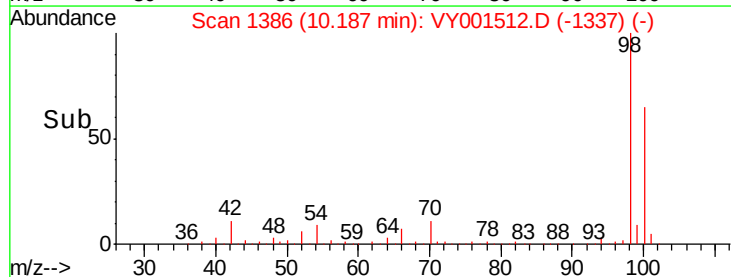
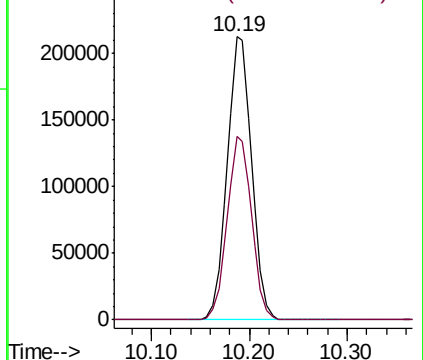
98 100

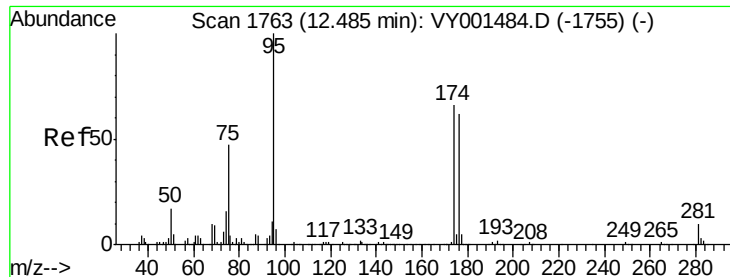
100 64.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

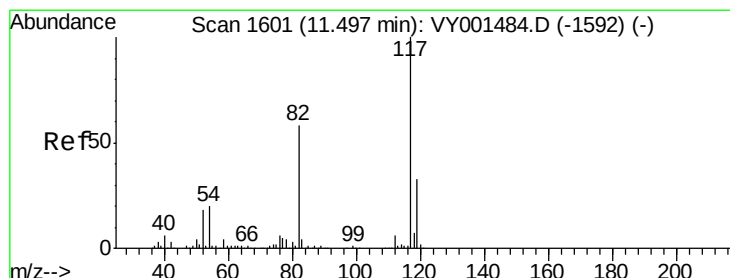
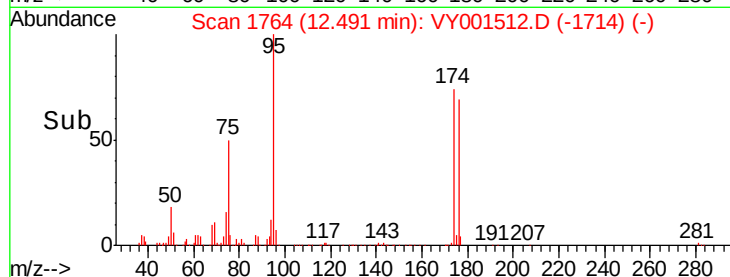
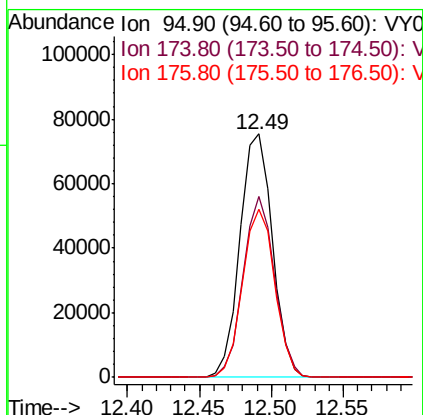
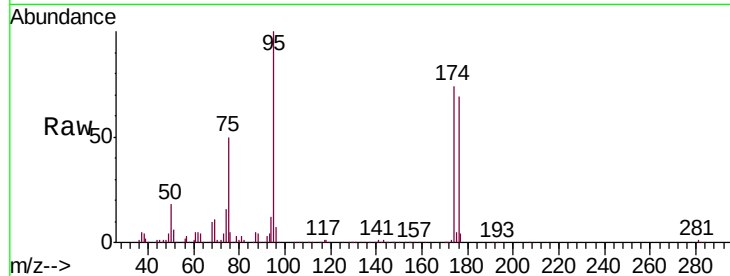




#62
4-Bromofluorobenzene
Concen: 45.009 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001512.D
Acq: 05 Feb 2020 17:11

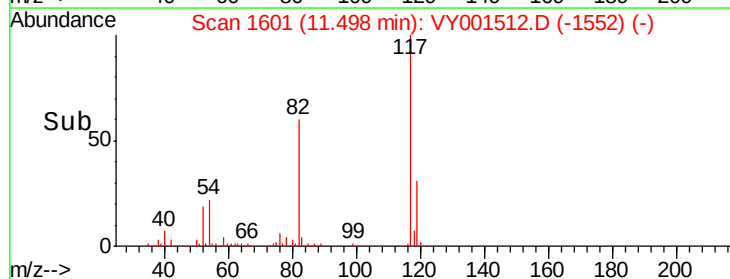
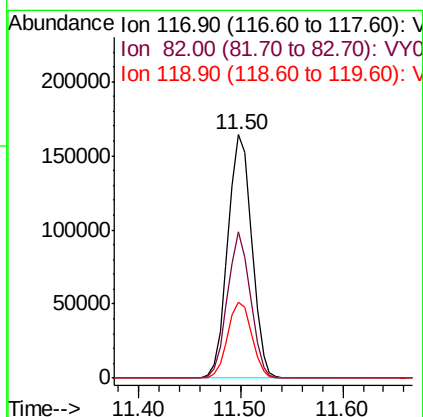
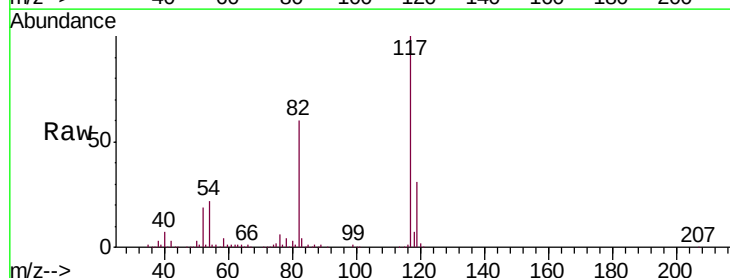
Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-03-2-3

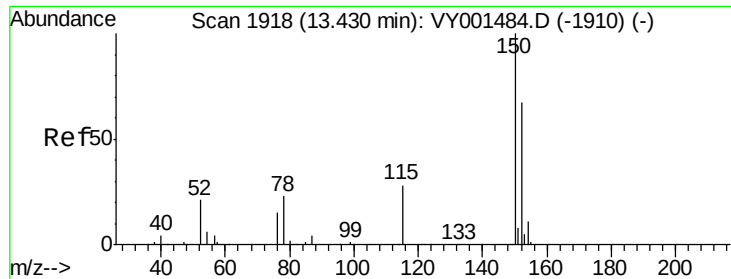
Tgt Ion: 95 Resp: 118044
Ion Ratio Lower Upper
95 100
174 71.6 0.0 141.4
176 68.5 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001512.D
Acq: 05 Feb 2020 17:11

Tgt Ion: 117 Resp: 266377
Ion Ratio Lower Upper
117 100
82 60.1 46.1 69.1
119 31.0 26.1 39.1



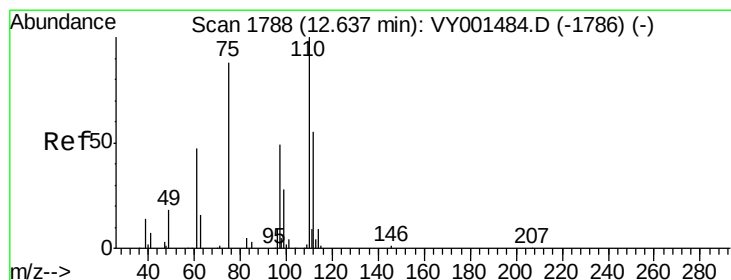
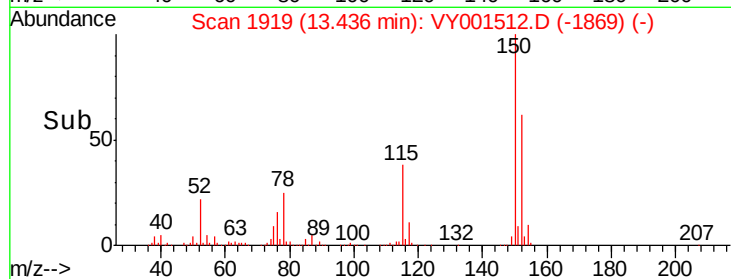
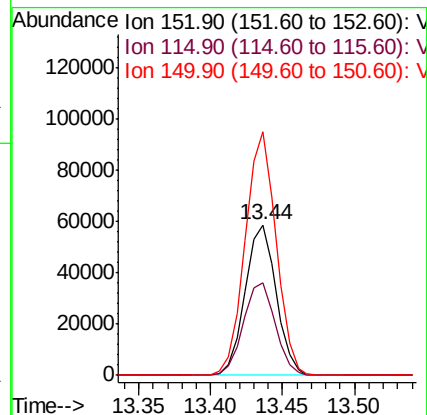
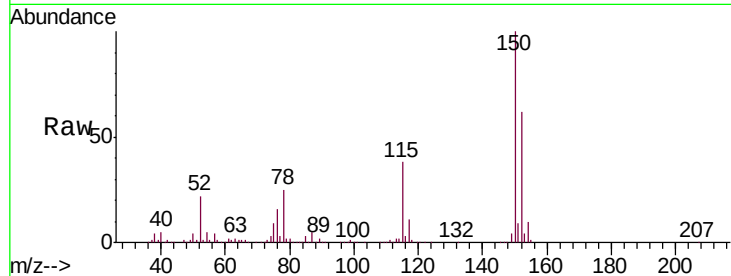


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001512.D
Acq: 05 Feb 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-03-2-3

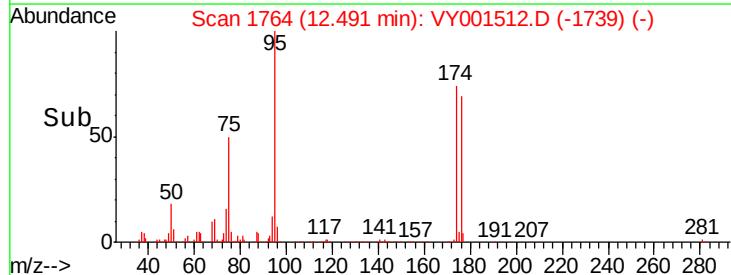
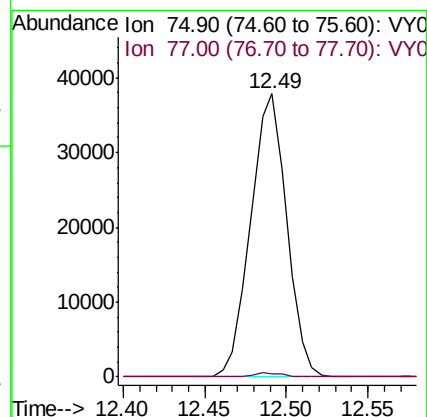
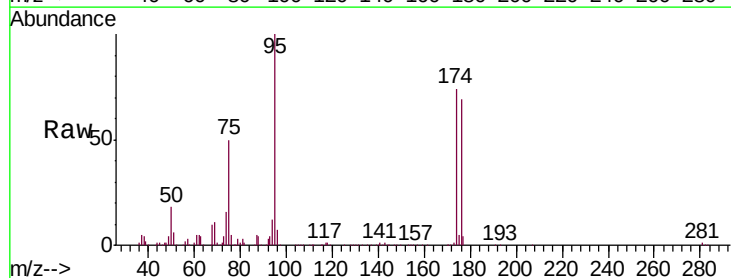
Tgt Ion:152 Resp: 87671
Ion Ratio Lower Upper
152 100
115 63.1 31.4 94.3
150 160.9 0.0 346.8

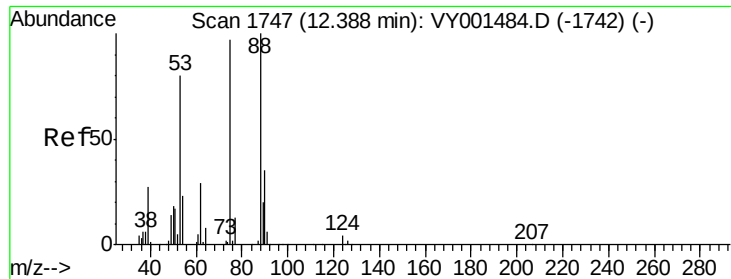


#76

1,2,3-Trichloropropane
Concen: 61.877 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY001512.D
Acq: 05 Feb 2020 17:11

Tgt Ion: 75 Resp: 58339
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.730 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001512.D
 Acq: 05 Feb 2020 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 HAM-SB-03-2-3

Tgt Ion: 75 Resp: 58339
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.7 101.5#
 89 0.1 34.6 52.0#

