

Data File : VY001515.D
Acq On : 05 Feb 2020 18:18
Operator : SY/MD
Sample : L1393-08
Misc : 6.10G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-02-1-2

Quant Time: Feb 06 07:01:23 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	163634	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	308842	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	275543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	113310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.18	65	102573	62.26	ug/l	0.01
Spiked Amount	50.000		Recovery	=	124.52%	
35) Dibromofluoromethane	7.75	113	92900	52.16	ug/l	0.01
Spiked Amount	50.000		Recovery	=	104.32%	
50) Toluene-d8	10.20	98	367760	54.58	ug/l	0.01
Spiked Amount	50.000		Recovery	=	109.16%	
62) 4-Bromofluorobenzene	12.49	95	130702	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	

Target Compounds

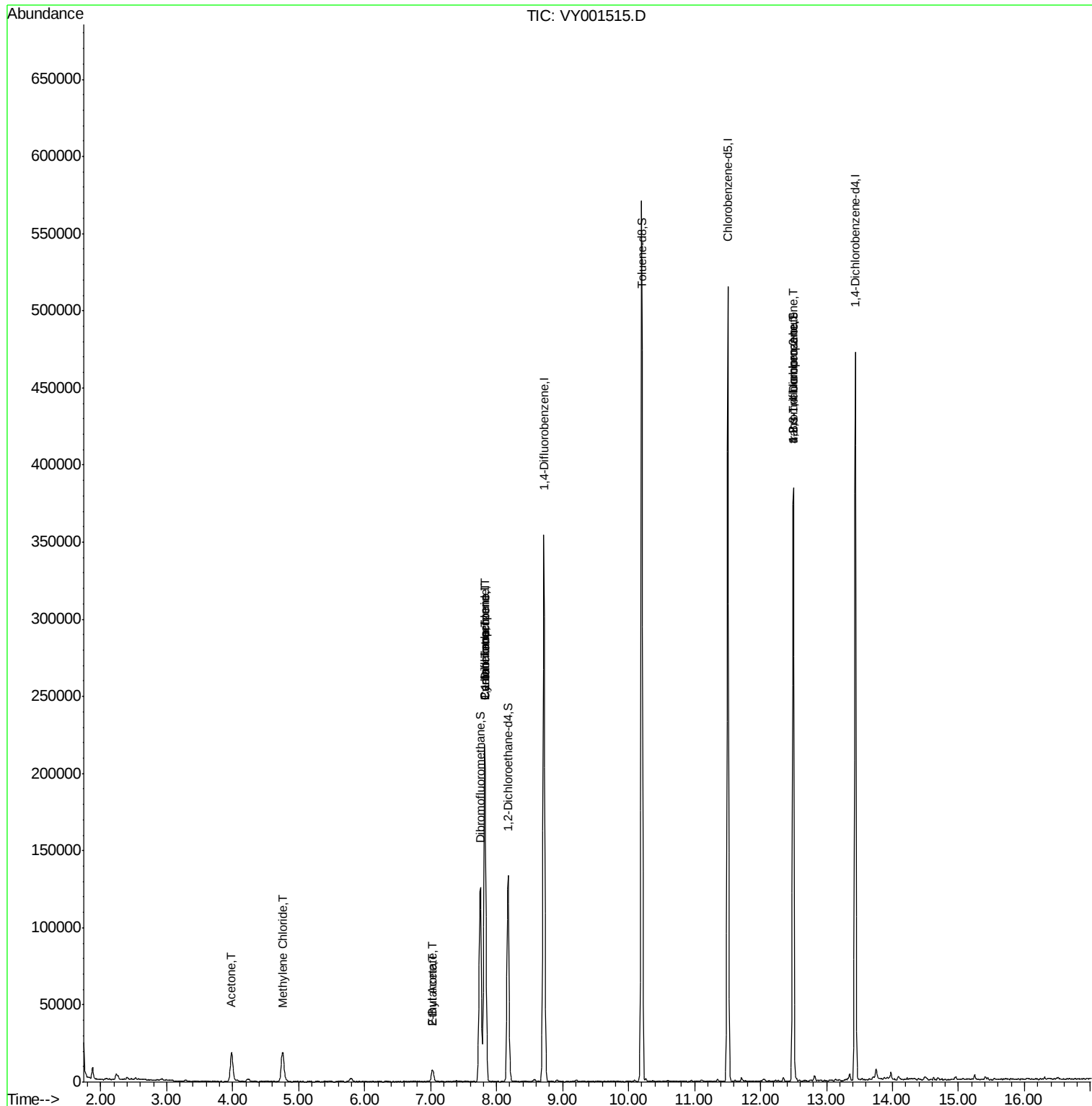
						Qvalue
11) Tert butyl alcohol	4.99	59	66	Below Cal	#	76
16) Acetone	3.99	43	34630	72.664	ug/l	92
20) Methylene Chloride	4.76	84	15372	3.878	ug/l	97
25) 2-Butanone	7.02	43	12848	20.780	ug/l	90
31) Cyclohexane	7.82	56	3898	1.215	ug/l #	4
36) 1,1-Dichloropropene	7.82	75	13174	4.663	ug/l #	48
37) Ethyl Acetate	7.02	43	12848	9.394	ug/l #	66
38) Carbon Tetrachloride	7.82	117	16976	6.210	ug/l #	17
76) 1,2,3-Trichloropropane	12.50	75	65178	53.489	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	65178	103.498	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# 998

Delta R.T. 0.01 min

Lab File: VY001515.D

Acq: 05 Feb 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

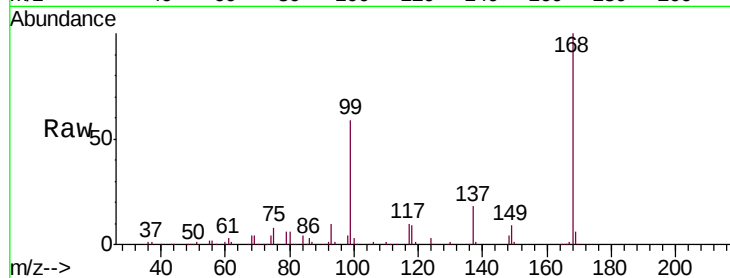
HAM-SB-02-1-2

Tgt Ion: 168 Resp: 163634

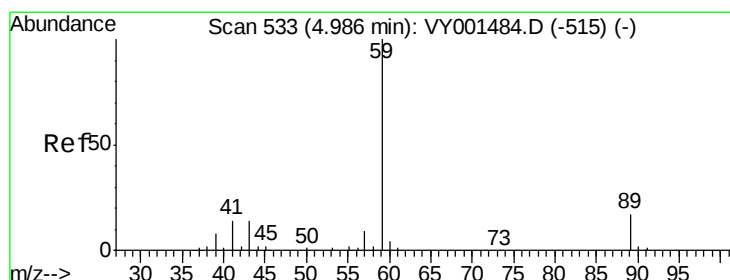
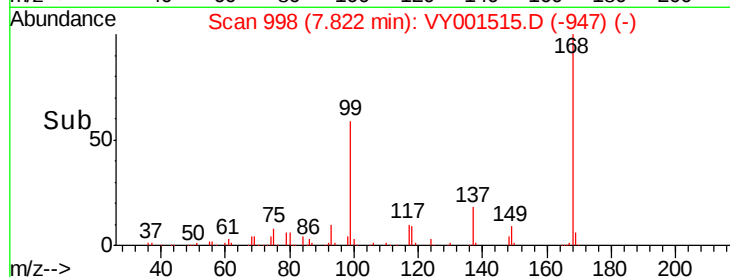
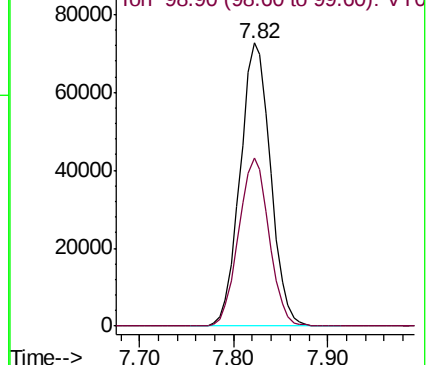
Ion Ratio Lower Upper

168 100

99 59.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001515.D (-947) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. 0.00 min

Lab File: VY001515.D

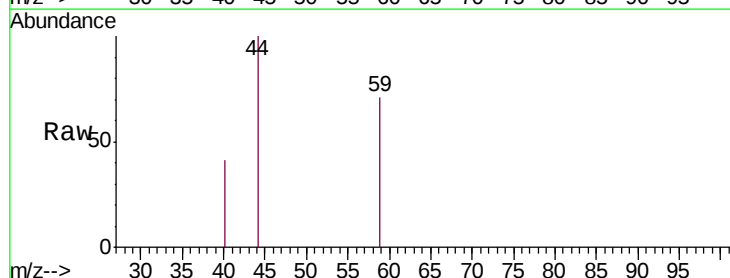
Acq: 05 Feb 2020 18:18

Tgt Ion: 59 Resp: 66

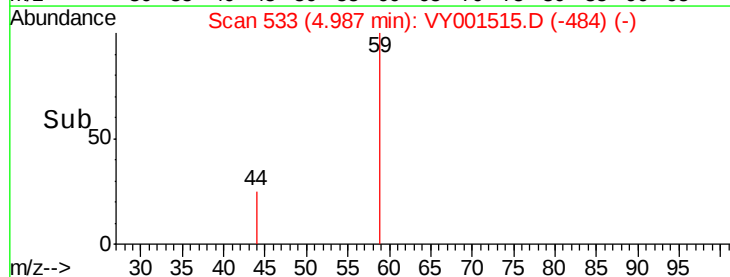
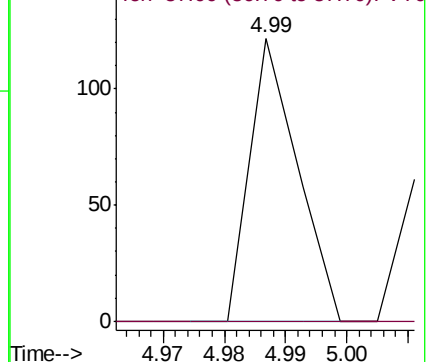
Ion Ratio Lower Upper

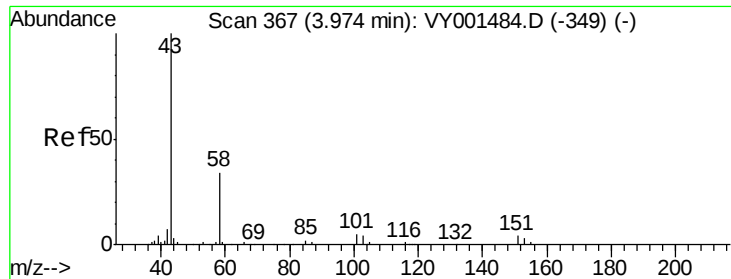
59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001515.D (-484) (-)

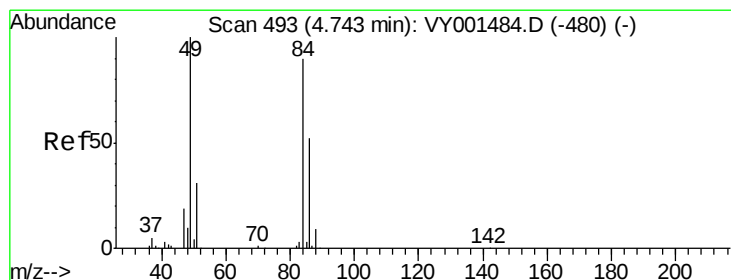
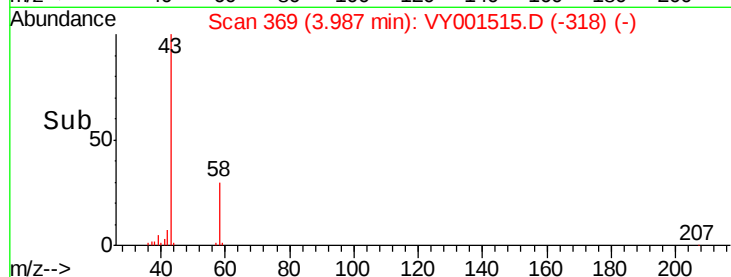
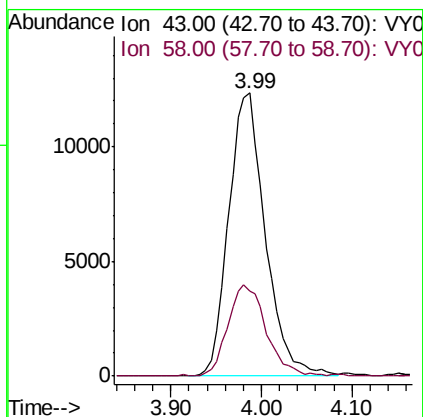
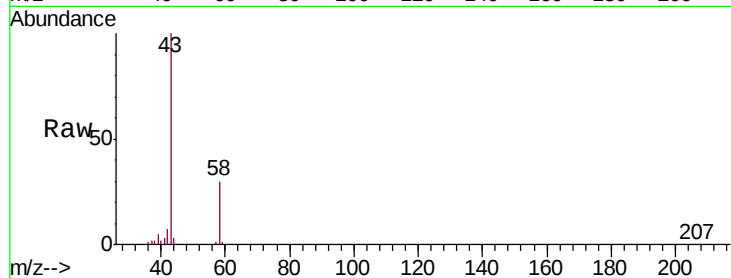




#16
Acetone
Concen: 72.664 ug/l
RT: 3.99 min Scan# 369
Delta R.T. 0.01 min
Lab File: VY001515.D
Acq: 05 Feb 2020 18:18

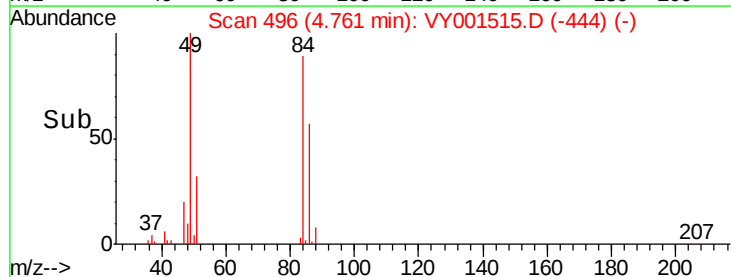
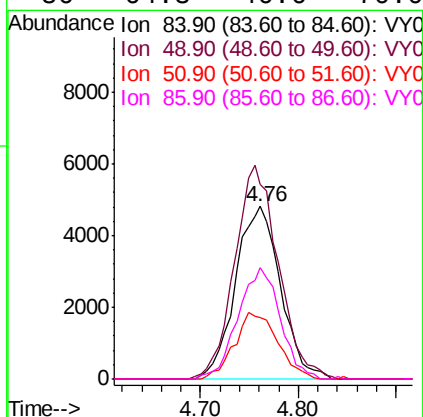
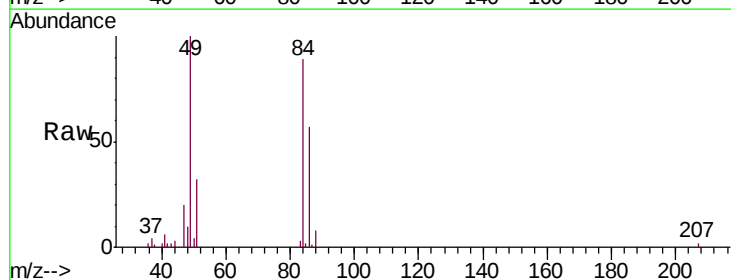
Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-02-1-2

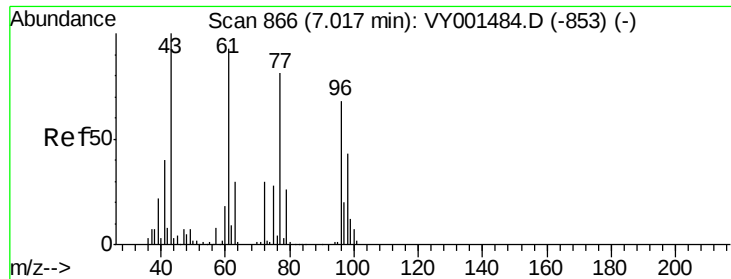
Tgt Ion: 43 Resp: 34630
Ion Ratio Lower Upper
43 100
58 29.9 27.5 41.3



#20
Methylene Chloride
Concen: 3.878 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.02 min
Lab File: VY001515.D
Acq: 05 Feb 2020 18:18

Tgt Ion: 84 Resp: 15372
Ion Ratio Lower Upper
84 100
49 112.8 89.0 133.6
51 35.8 27.4 41.2
86 64.3 46.6 70.0

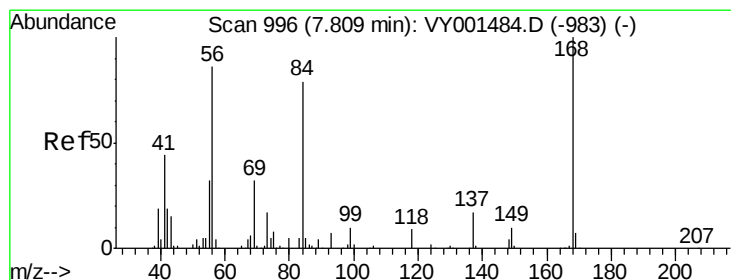
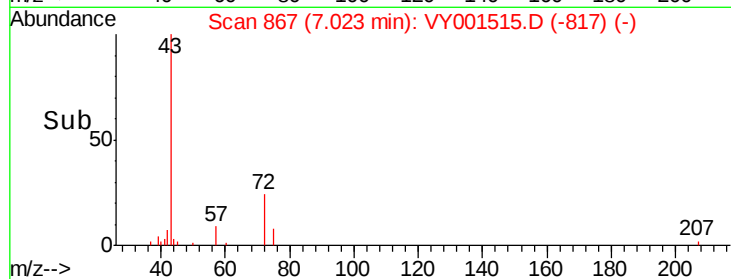
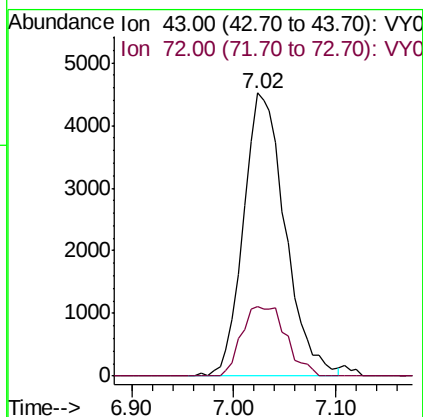
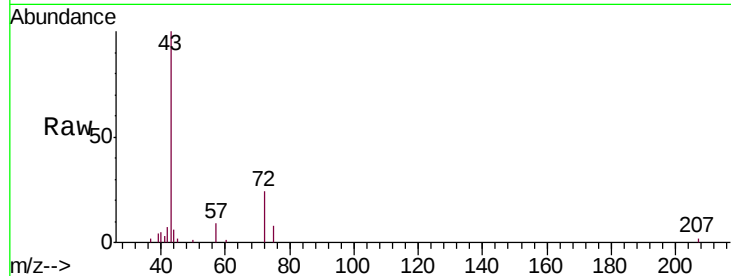




#25
2-Butanone
Concen: 20.780 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001515.D
Acq: 05 Feb 2020 18:18

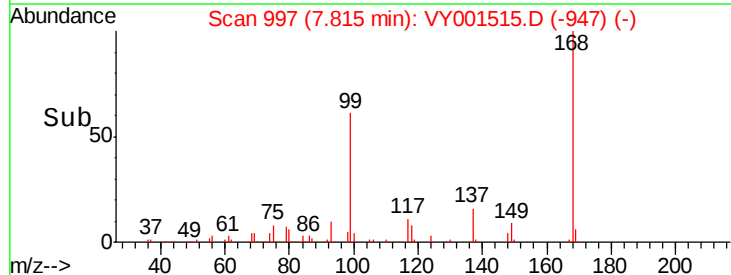
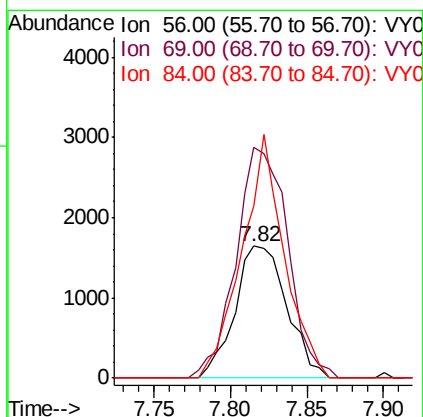
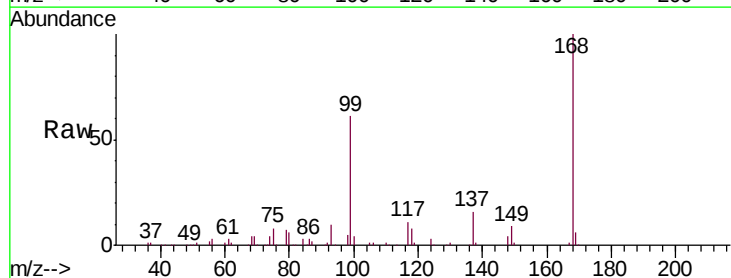
Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-02-1-2

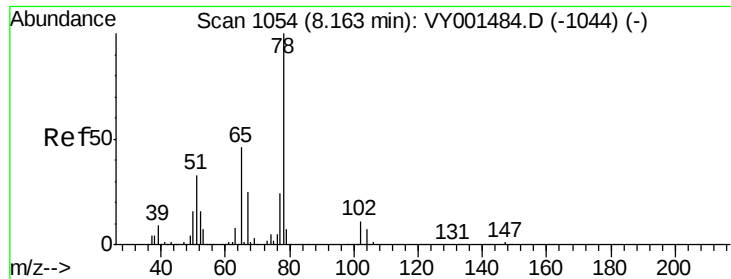
Tgt Ion: 43 Resp: 12848
Ion Ratio Lower Upper
43 100
72 24.5 23.8 35.8



#31
Cyclohexane
Concen: 1.215 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001515.D
Acq: 05 Feb 2020 18:18

Tgt Ion: 56 Resp: 3898
Ion Ratio Lower Upper
56 100
69 175.7 29.6 44.4#
84 130.8 73.6 110.4#

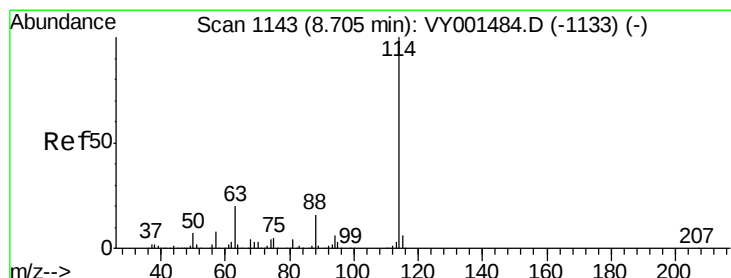
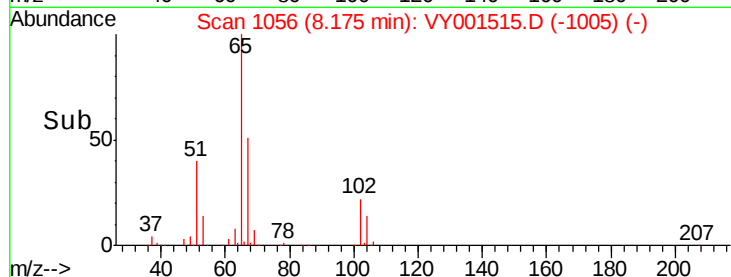
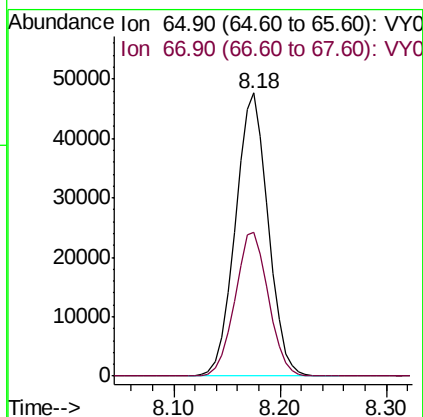
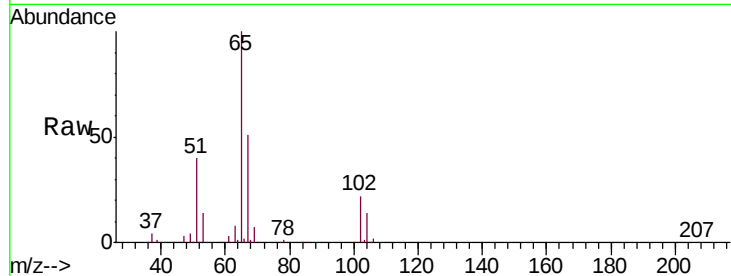




#33
 1,2-Dichloroethane-d4
 Concen: 62.258 ug/l
 RT: 8.18 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001515.D
 Acq: 05 Feb 2020 18:18

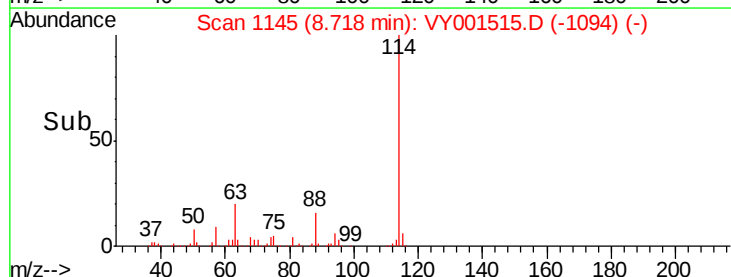
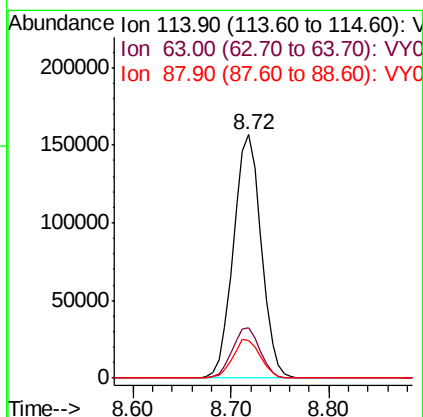
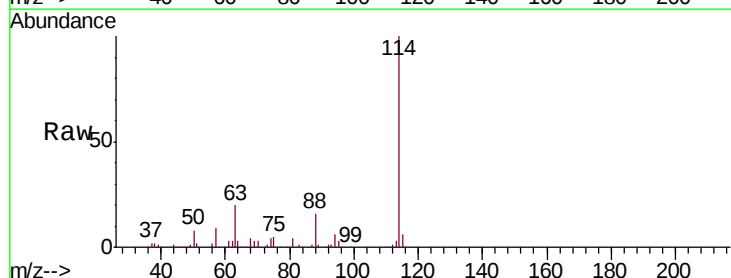
Instrument :
 MSVOA_Y
 ClientSampleId :
 HAM-SB-02-1-2

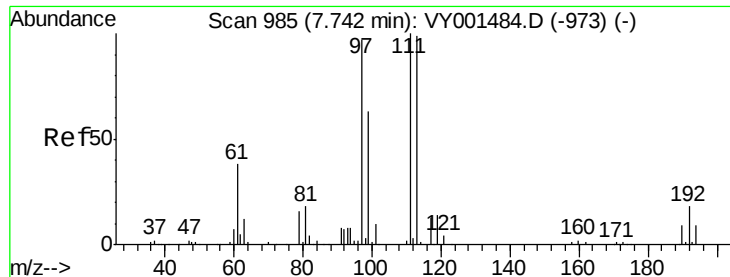
Tgt Ion: 65 Resp: 102573
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001515.D
 Acq: 05 Feb 2020 18:18

Tgt Ion: 114 Resp: 308842
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.164 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001515.D

Acq: 05 Feb 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

HAM-SB-02-1-2

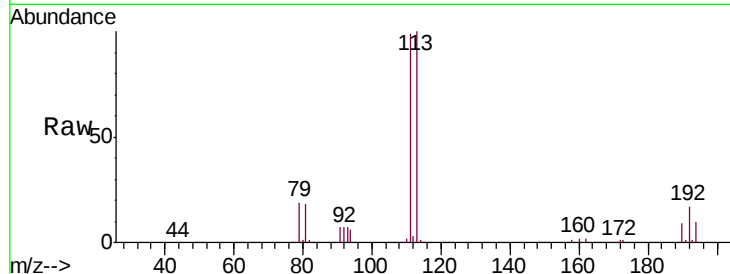
Tgt Ion:113 Resp: 92900

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

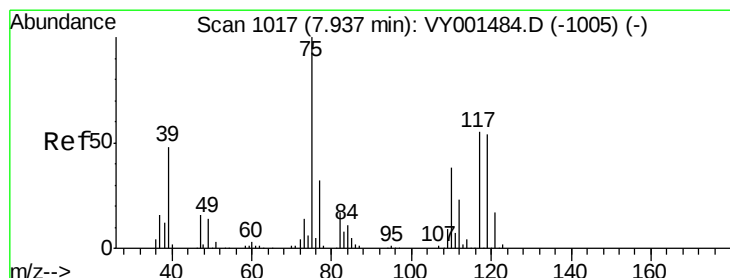
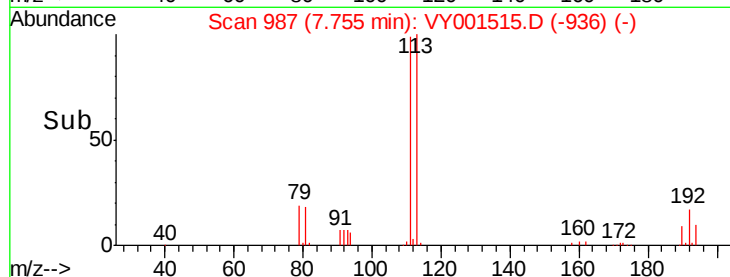
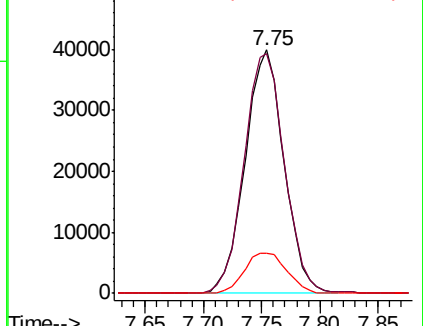
192 18.2 14.6 22.0



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: 4.663 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.12 min

Lab File: VY001515.D

Acq: 05 Feb 2020 18:18

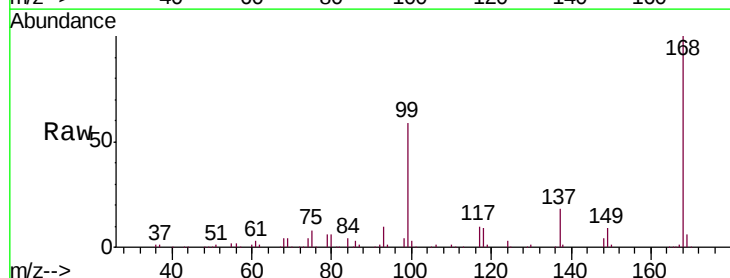
Tgt Ion: 75 Resp: 13174

Ion Ratio Lower Upper

75 100

110 8.0 18.2 54.6#

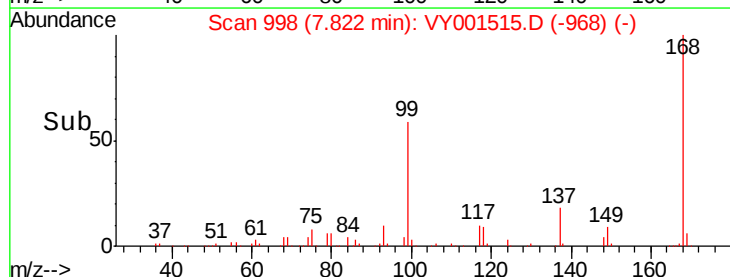
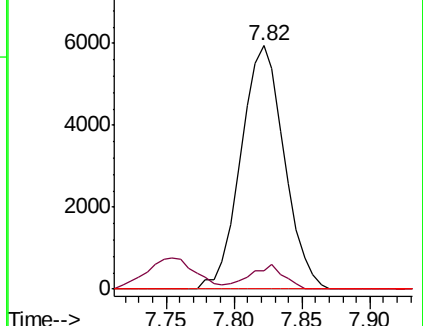
77 0.0 25.0 37.4#

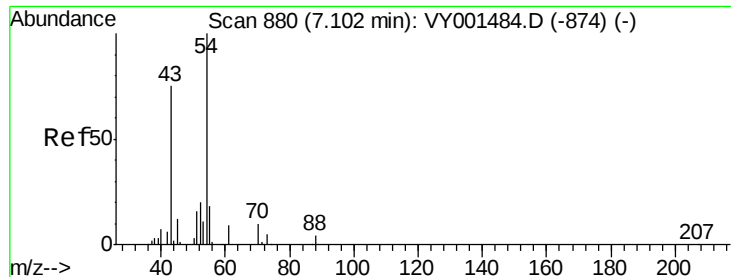


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

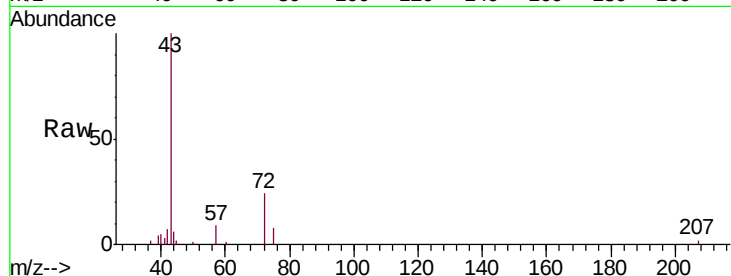




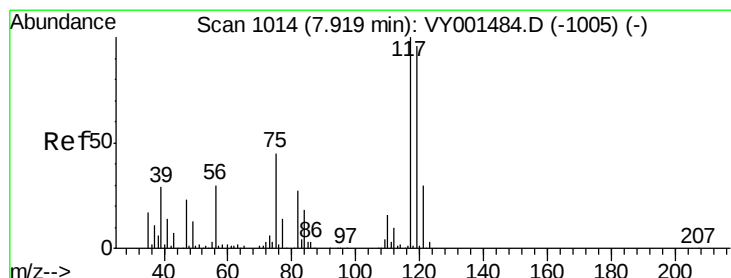
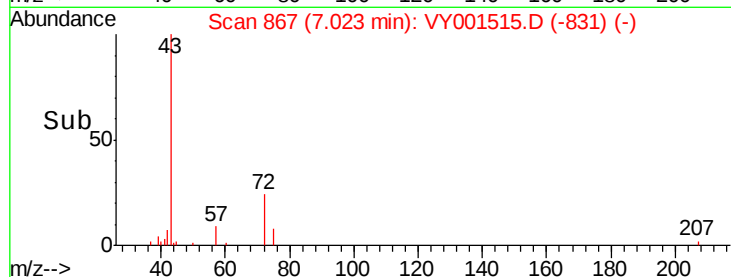
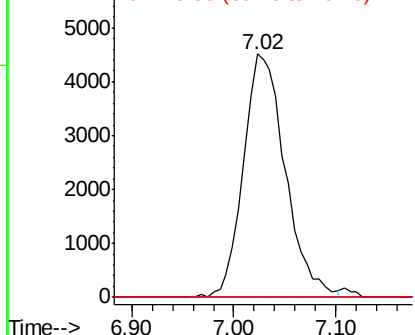
#37
Ethyl Acetate
Concen: 9.394 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.08 min
Lab File: VY001515.D
Acq: 05 Feb 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-02-1-2

Tgt Ion: 43 Resp: 12848
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.0 10.2 15.4#

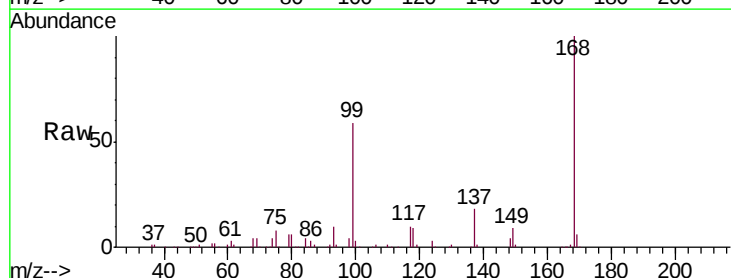


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

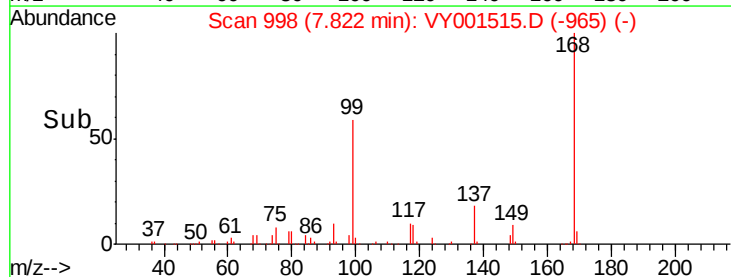
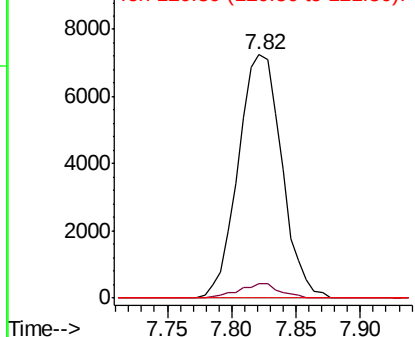


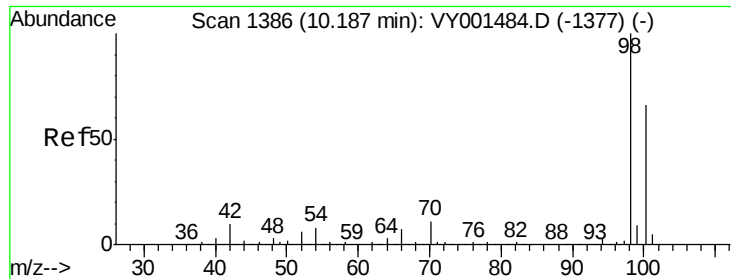
#38
Carbon Tetrachloride
Concen: 6.210 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY001515.D
Acq: 05 Feb 2020 18:18

Tgt Ion: 117 Resp: 16976
Ion Ratio Lower Upper
117 100
119 5.9 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: 54.580 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001515.D

Acq: 05 Feb 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

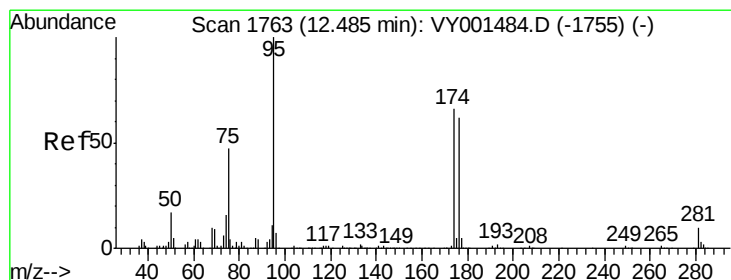
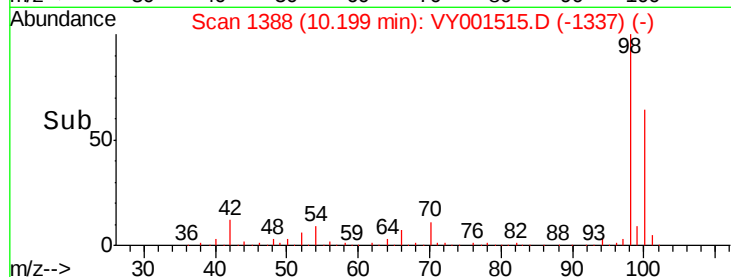
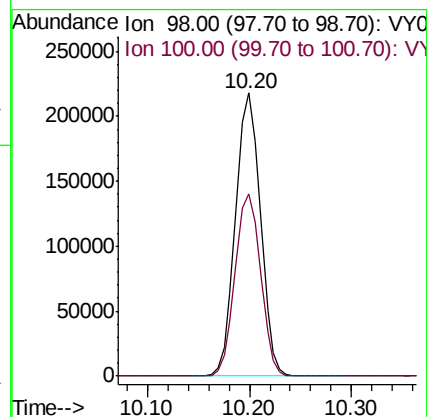
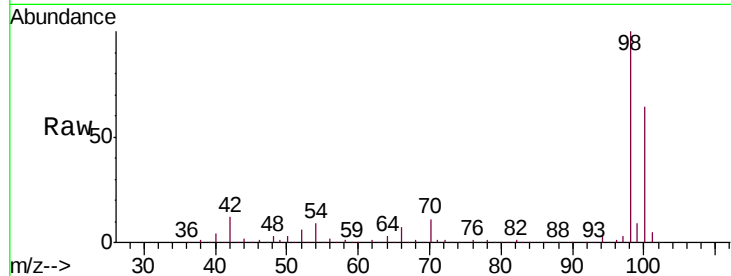
HAM-SB-02-1-2

Tgt Ion: 98 Resp: 367760

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 49.239 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001515.D

Acq: 05 Feb 2020 18:18

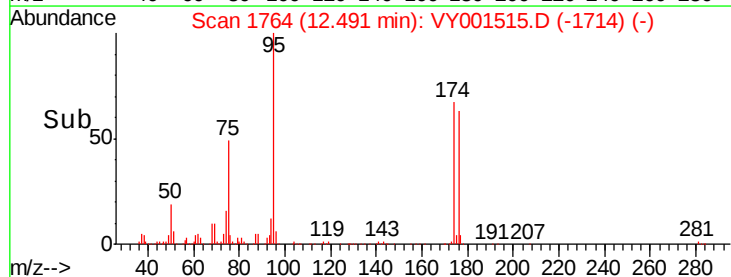
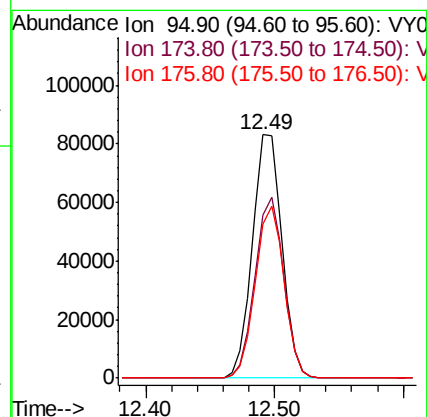
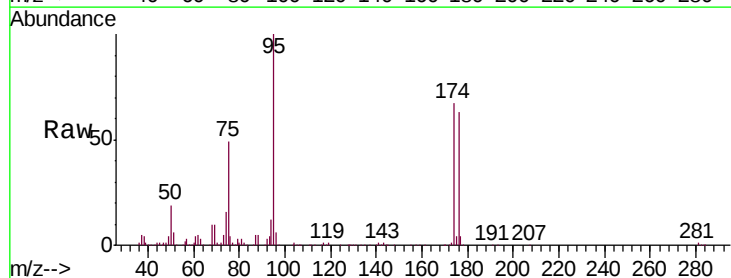
Tgt Ion: 95 Resp: 130702

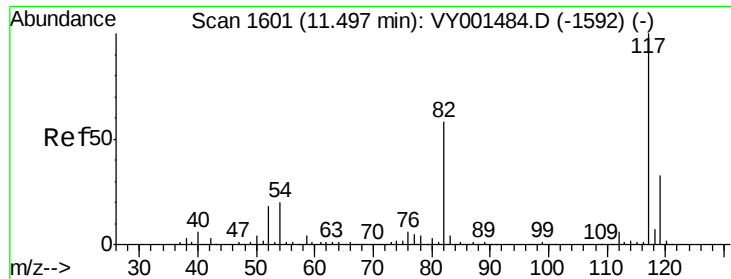
Ion Ratio Lower Upper

95 100

174 72.3 0.0 141.4

176 69.1 0.0 135.4

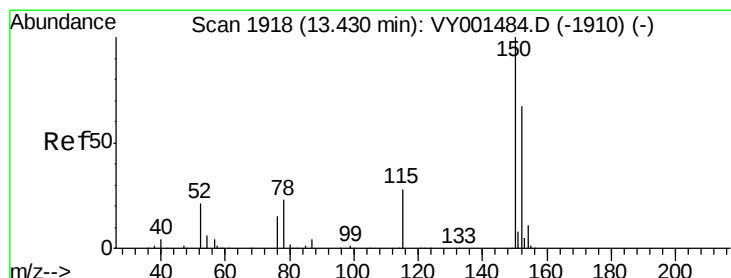
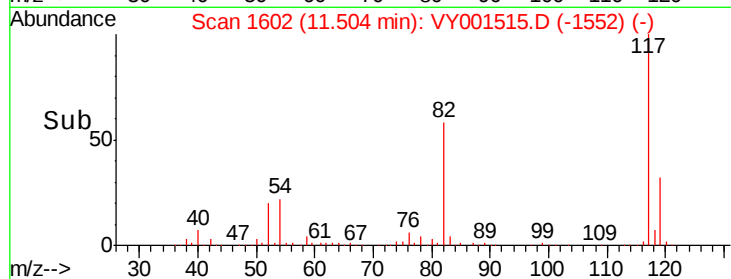
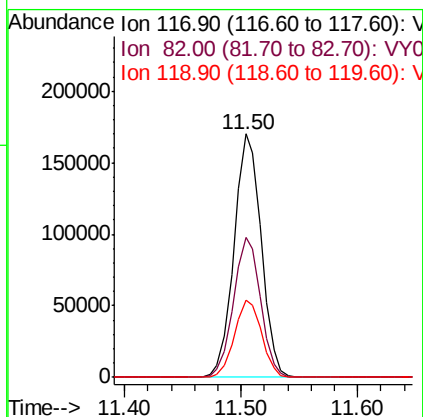
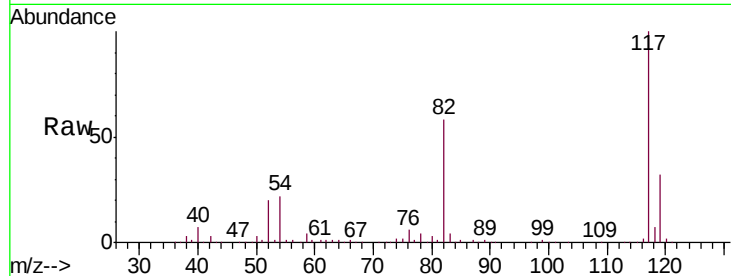




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001515.D
Acq: 05 Feb 2020 18:18

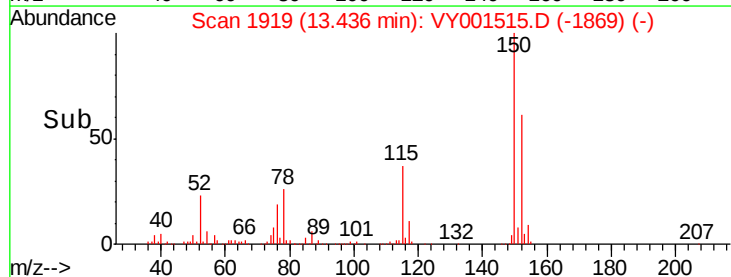
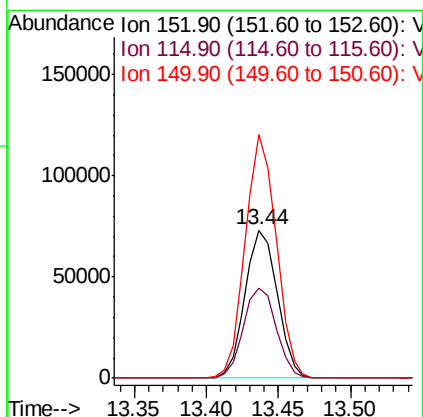
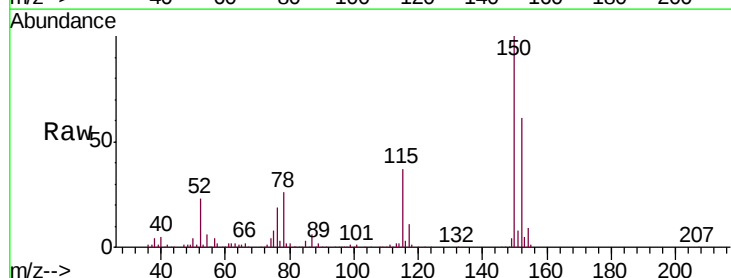
Instrument :
MSVOA_Y
ClientSampleId :
HAM-SB-02-1-2

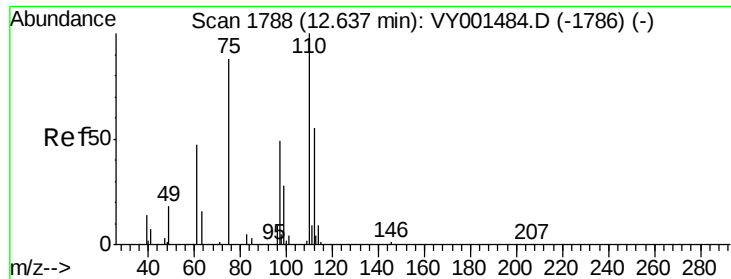
Tgt Ion:117 Resp: 275543
Ion Ratio Lower Upper
117 100
82 57.5 46.1 69.1
119 31.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001515.D
Acq: 05 Feb 2020 18:18

Tgt Ion:152 Resp: 113310
Ion Ratio Lower Upper
152 100
115 62.0 31.4 94.3
150 158.0 0.0 346.8

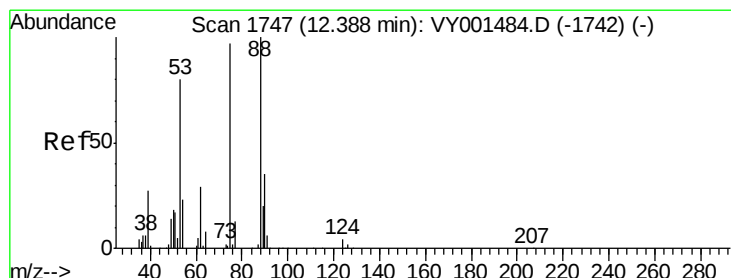
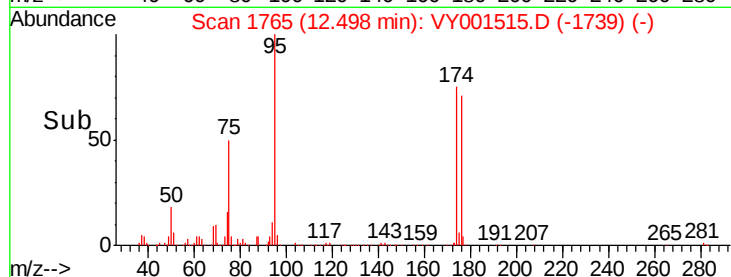
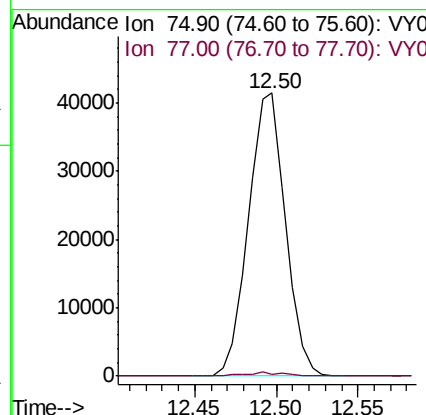
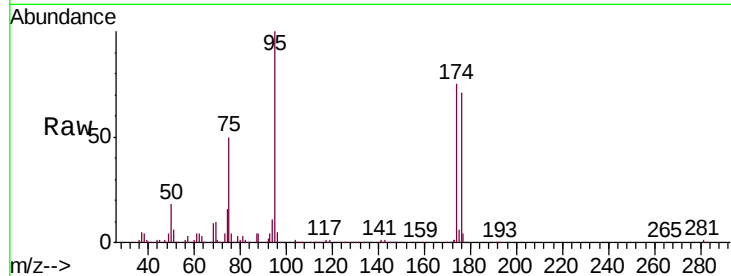




#76
 1,2,3-Trichloropropane
 Concen: 53.489 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. -0.14 min
 Lab File: VY001515.D
 Acq: 05 Feb 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 HAM-SB-02-1-2

Tgt Ion: 75 Resp: 65178
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.498 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.11 min
 Lab File: VY001515.D
 Acq: 05 Feb 2020 18:18

Tgt Ion: 75 Resp: 65178
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.7 101.5#
 89 0.0 34.6 52.0#

