

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001542.D
 Acq On : 06 Feb 2020 19:32
 Operator : SY/MD
 Sample : L1433-01
 Misc : 4.73G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 04:10:00 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

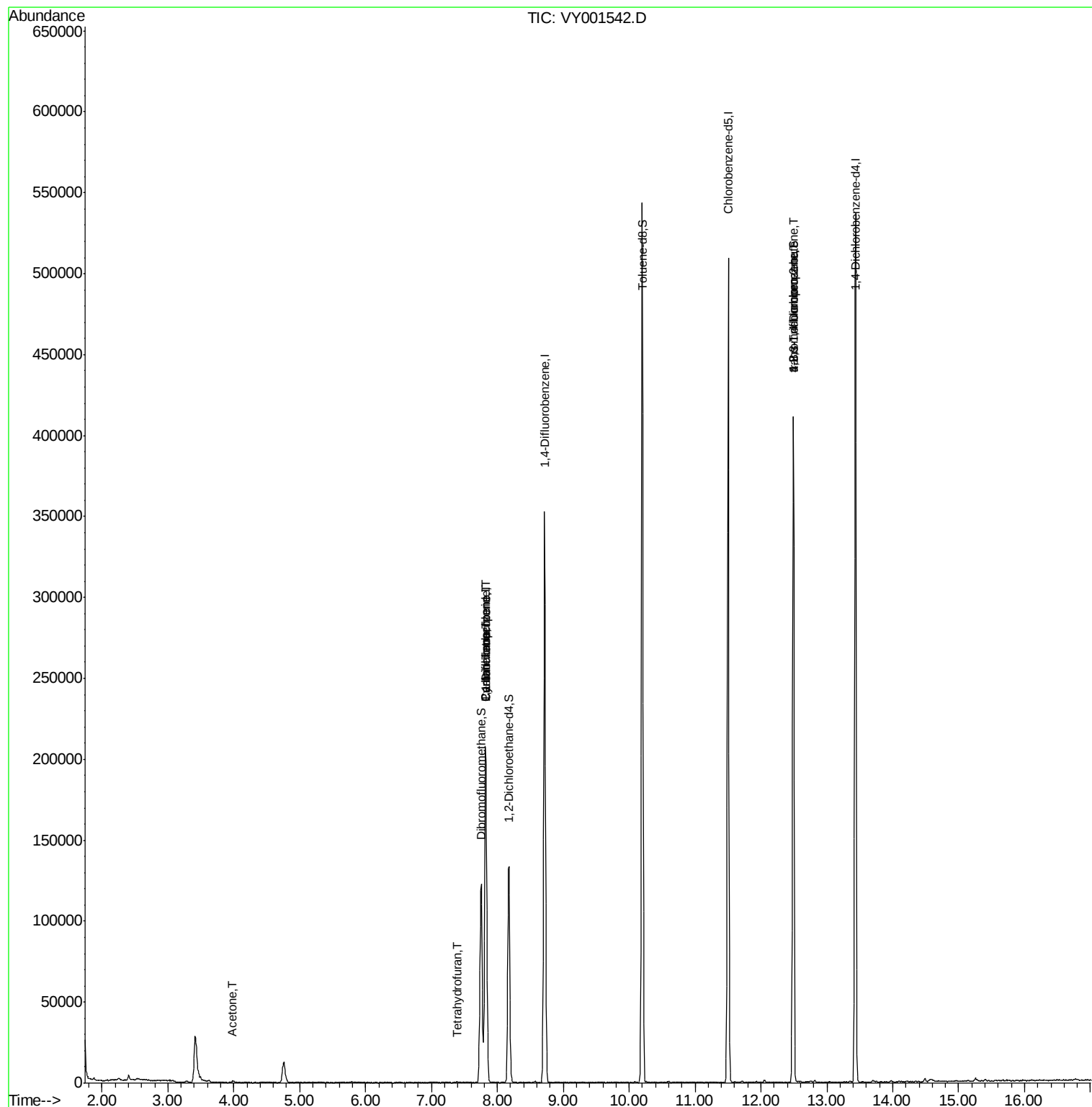
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	159359	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	300420	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	276067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	129306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	100416	62.58	ug/l	0.01
Spiked Amount 50.000			Recovery	=	125.16%	
35) Dibromofluoromethane	7.75	113	88405	51.03	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.06%	
50) Toluene-d8	10.20	98	352068	53.72	ug/l	0.01
Spiked Amount 50.000			Recovery	=	107.44%	
62) 4-Bromofluorobenzene	12.49	95	132128	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.99	59	54	Below Cal	#	27
16) Acetone	3.98	43	1540	3.318	ug/l #	76
29) Tetrahydrofuran	7.38	42	478	1.324	ug/l #	51
31) Cyclohexane	7.82	56	3535	1.131	ug/l #	5
36) 1,1-Dichloropropene	7.82	75	12879	4.686	ug/l #	49
38) Carbon Tetrachloride	7.82	117	15450	5.811	ug/l #	18
76) 1,2,3-Trichloropropane	12.49	75	66848	48.073	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	66848	93.018	ug/l #	16

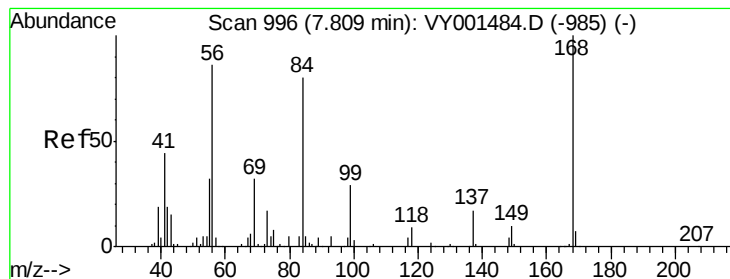
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Feb 07 04:10:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
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: VY001542.D

Acq: 06 Feb 2020 19:32

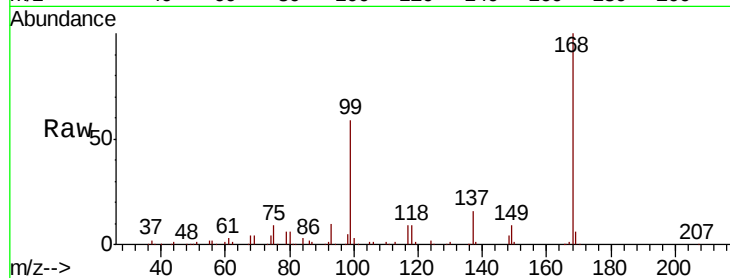
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 159359

Ion Ratio Lower Upper

168 100

99 58.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001542.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001542.D (-947) (-)

7.82

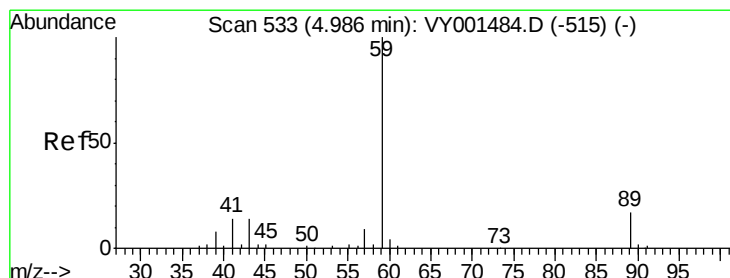
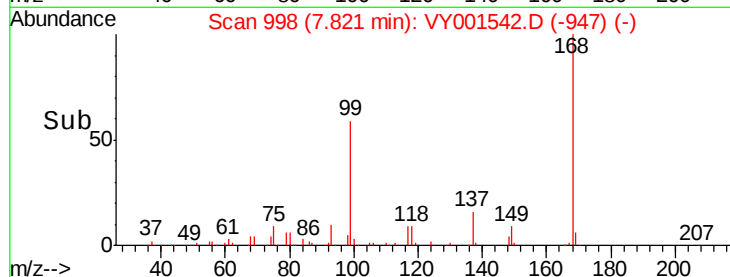
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. 0.00 min

Lab File: VY001542.D

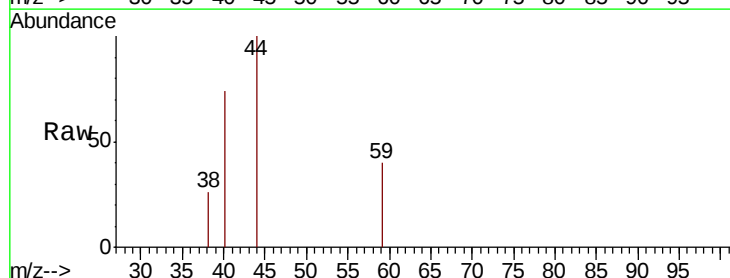
Acq: 06 Feb 2020 19:32

Tgt Ion: 59 Resp: 54

Ion Ratio Lower Upper

59 100

57 35.2 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001542.D (-484) (-)

Ion 57.00 (56.70 to 57.70): VY001542.D (-484) (-)

4.99

100

80

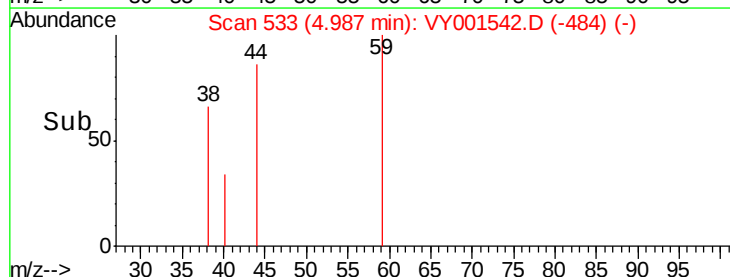
60

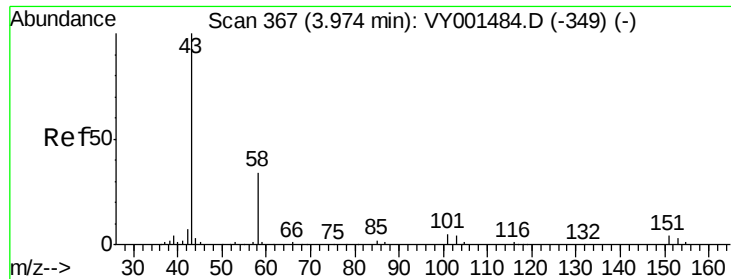
40

20

0

Time--> 4.96 4.97 4.98 4.99 5.00

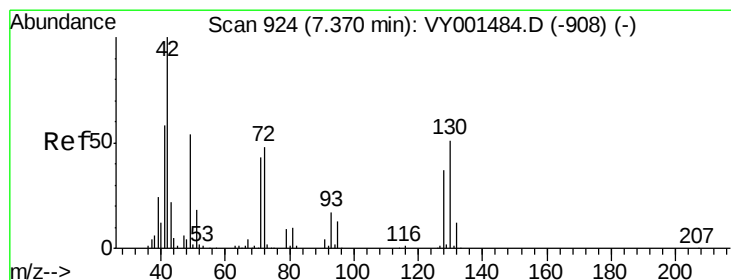
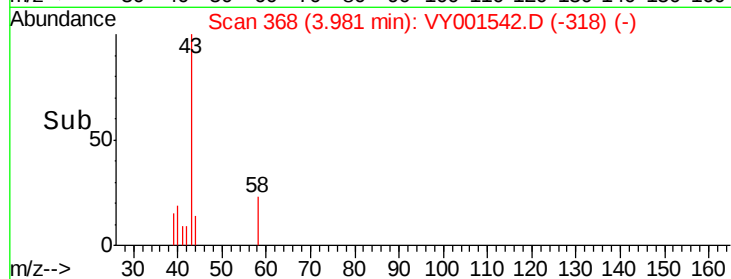
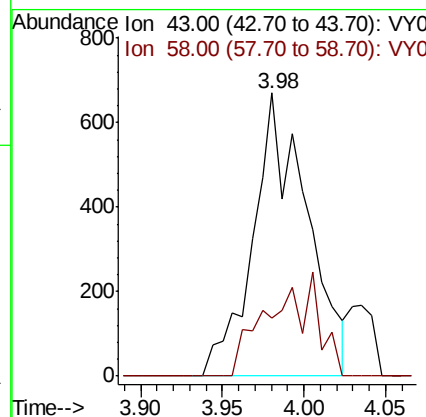
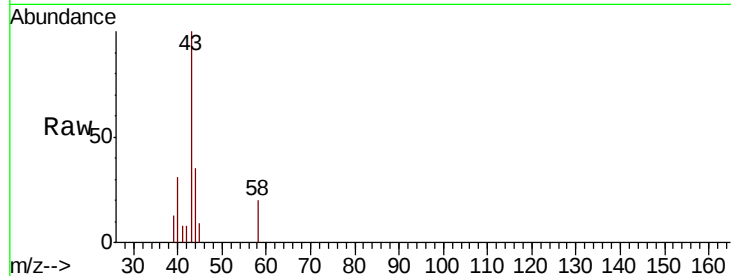




#16
Acetone
Concen: 3.318 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.01 min
Lab File: VY001542.D
Acq: 06 Feb 2020 19:32

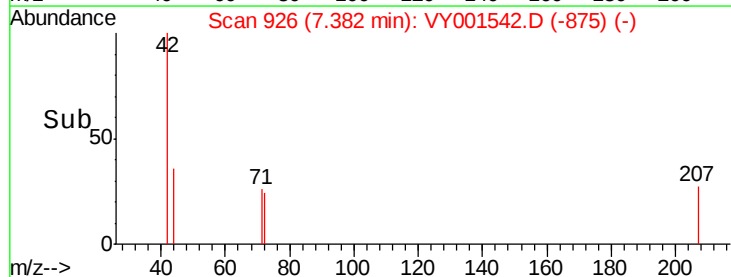
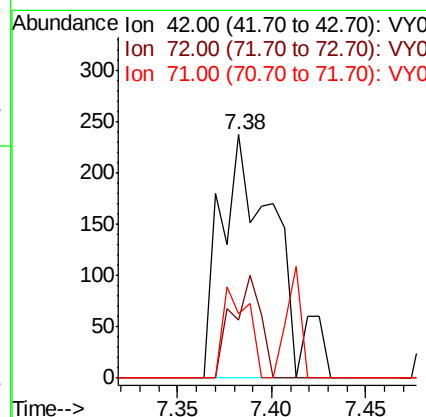
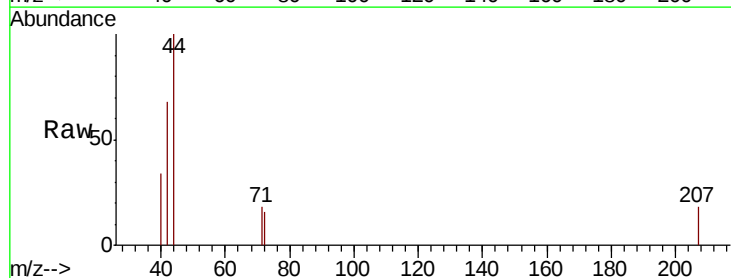
Instrument :
MSVOA_Y
ClientSampleId :

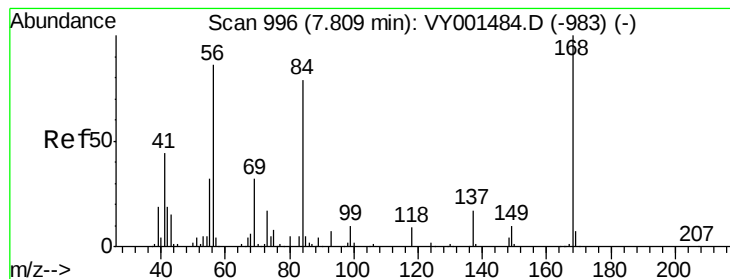
Tot Ion: 43 Resp: 1540
Ion Ratio Lower Upper
43 100
58 20.4 27.5 41.3#



#29
Tetrahydrofuran
Concen: 1.324 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001542.D
Acq: 06 Feb 2020 19:32

Tgt Ion: 42 Resp: 478
Ion Ratio Lower Upper
42 100
72 9.6 37.8 56.6#
71 17.2 34.8 52.2#





#31

Cyclohexane

Concen: 1.131 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001542.D

Acq: 06 Feb 2020 19:32

Instrument :

MSVOA_Y

ClientSampled :

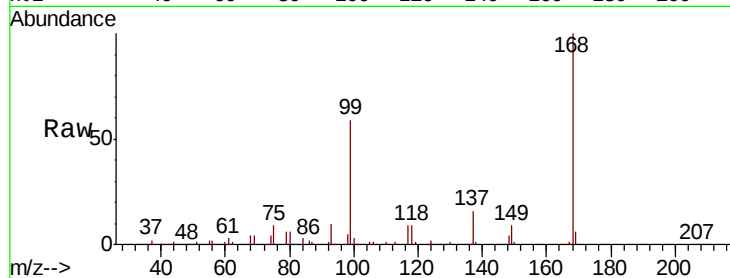
Tot Ion: 56 Resp: 3535

Ion Ratio Lower Upper

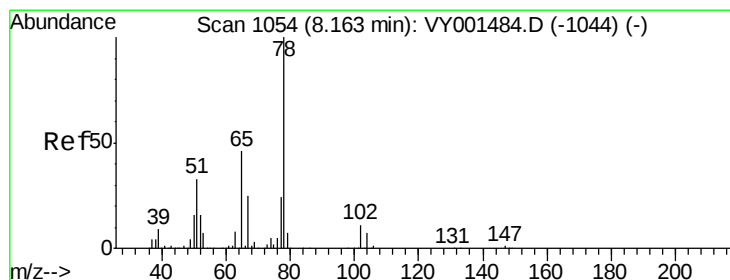
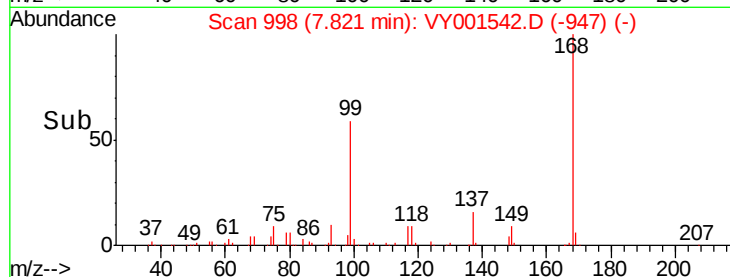
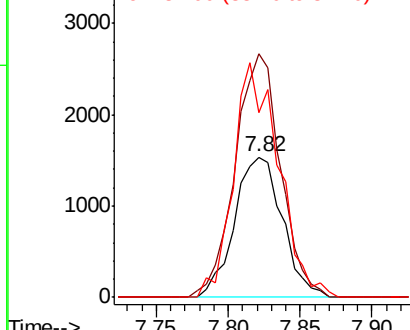
56 100

69 173.7 29.6 44.4#

84 131.3 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: 62.583 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001542.D

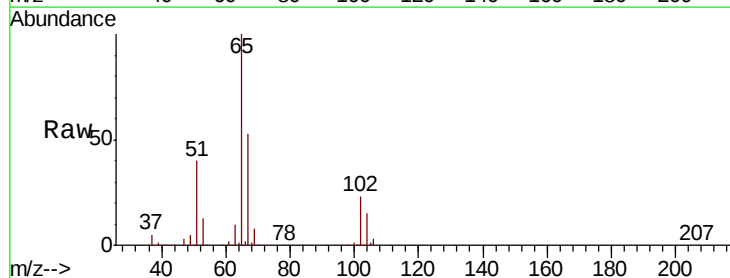
Acq: 06 Feb 2020 19:32

Tgt Ion: 65 Resp: 100416

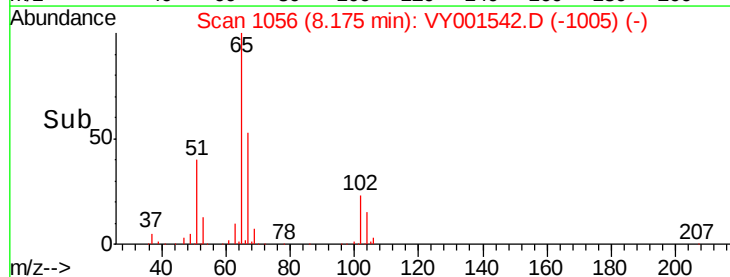
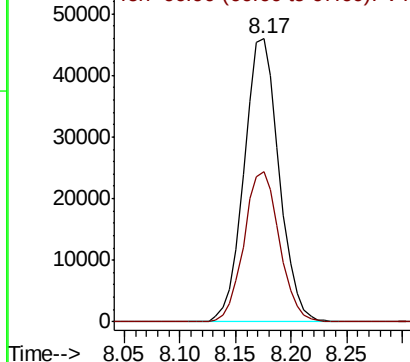
Ion Ratio Lower Upper

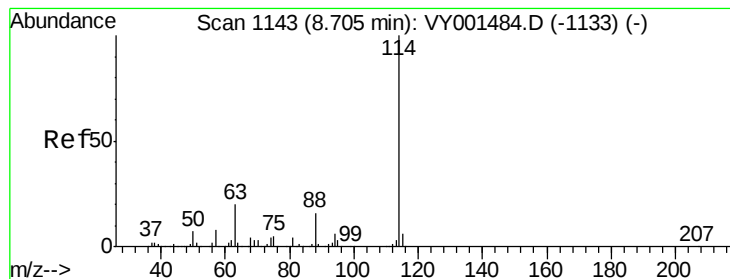
65 100

67 53.7 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: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001542.D

Acq: 06 Feb 2020 19:32

Instrument :
MSVOA_Y
ClientSampleId :

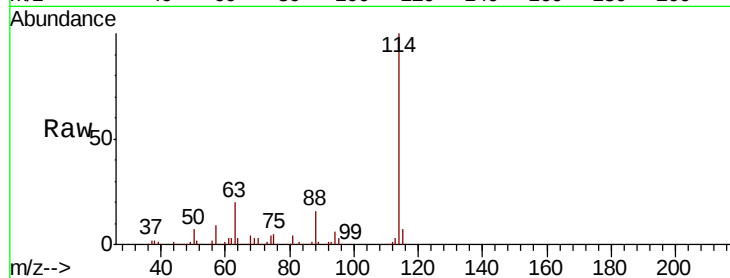
Tot Ion:114 Resp: 300420

Ion Ratio Lower Upper

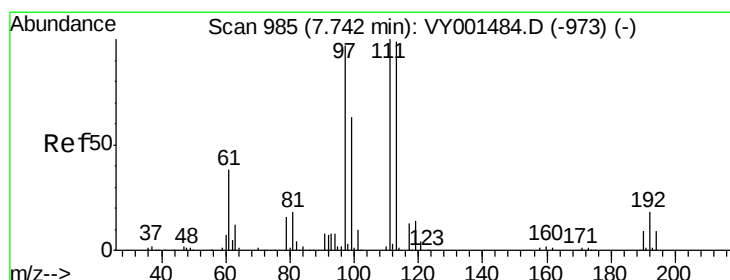
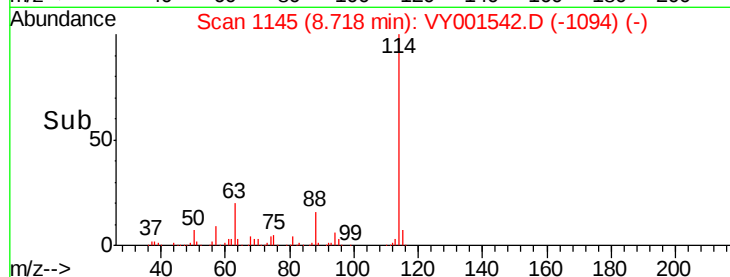
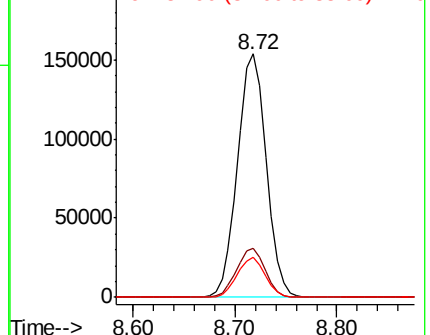
114 100

63 19.9 0.0 39.8

88 16.3 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: 51.031 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001542.D

Acq: 06 Feb 2020 19:32

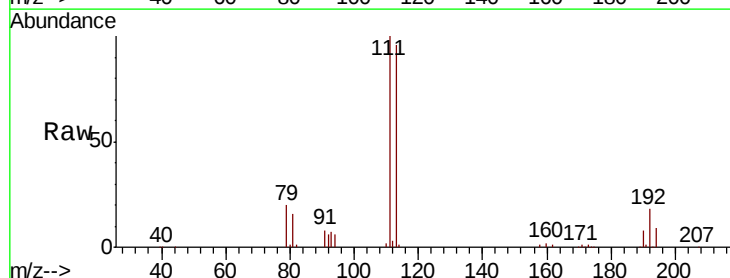
Tgt Ion:113 Resp: 88405

Ion Ratio Lower Upper

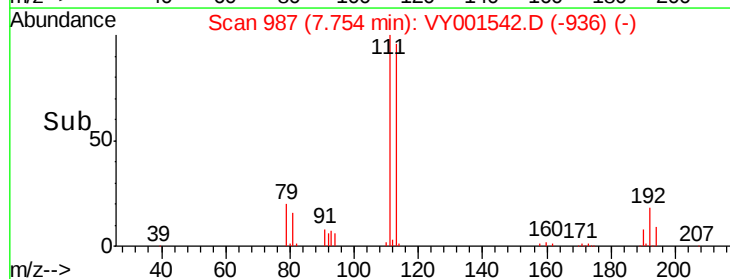
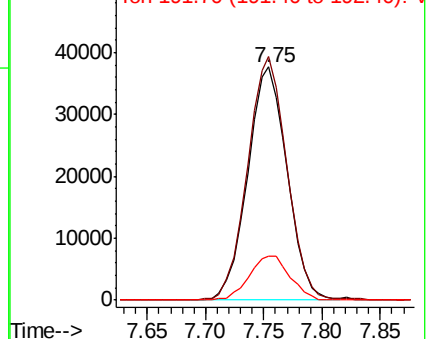
113 100

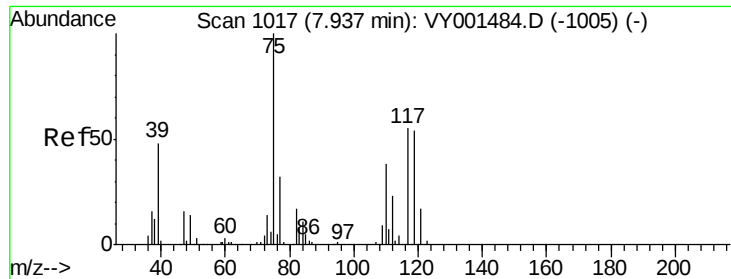
111 104.0 82.9 124.3

192 19.5 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

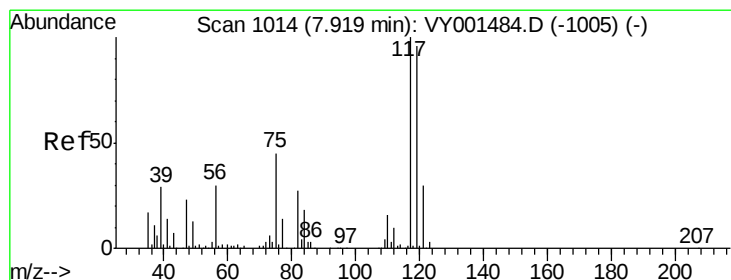
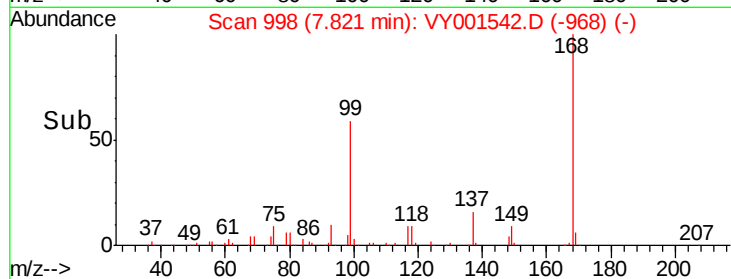
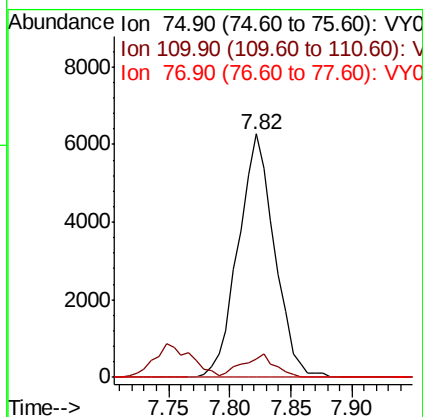
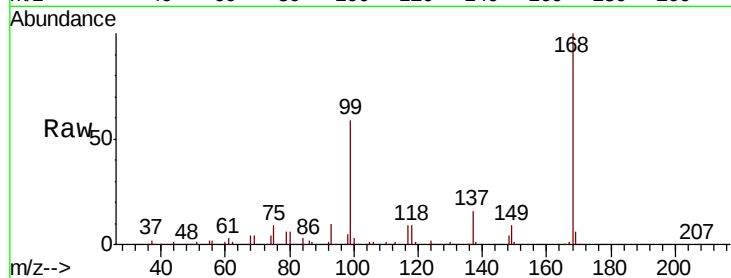




#36
 1,1-Dichloropropene
 Concen: 4.686 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001542.D
 Acq: 06 Feb 2020 19:32

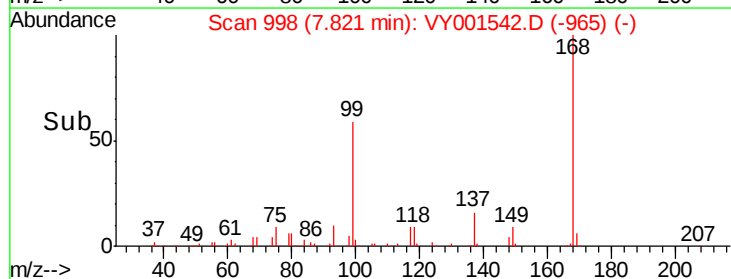
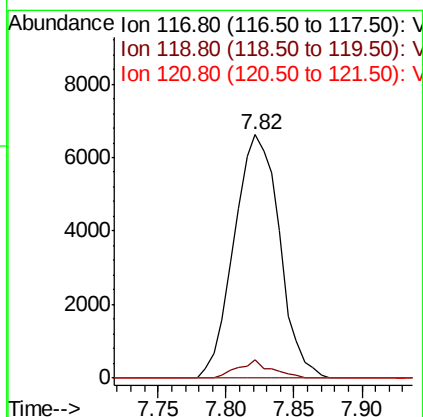
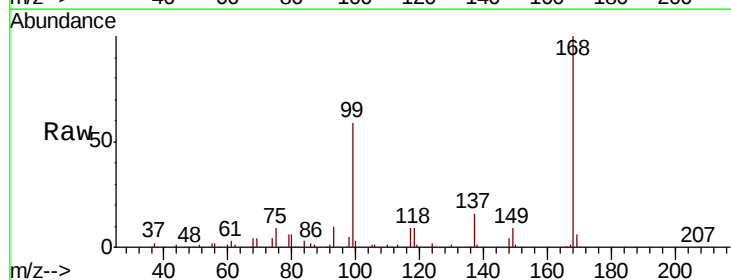
Instrument :
 MSVOA_Y
 ClientSampled :

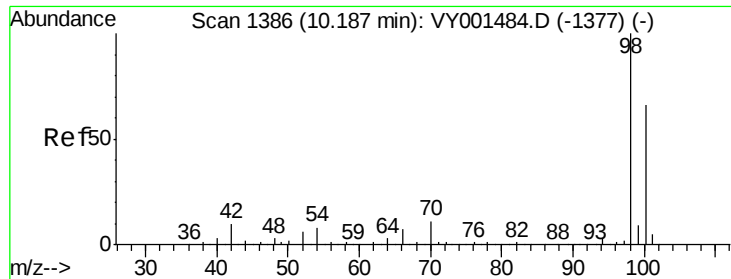
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.2	54.6#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.811 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY001542.D
 Acq: 06 Feb 2020 19:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.7	76.4	114.6#
121	0.0	24.2	36.4#





#50

Toluene-d8

Concen: 53.716 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001542.D

Acq: 06 Feb 2020 19:32

Instrument :

MSVOA_Y

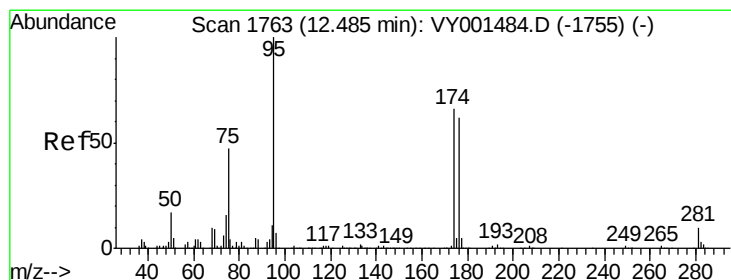
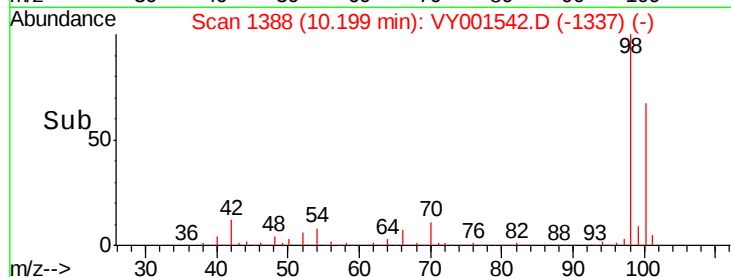
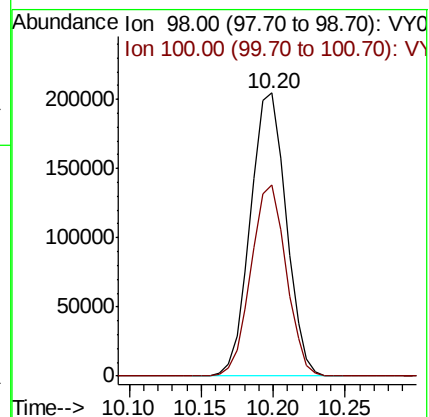
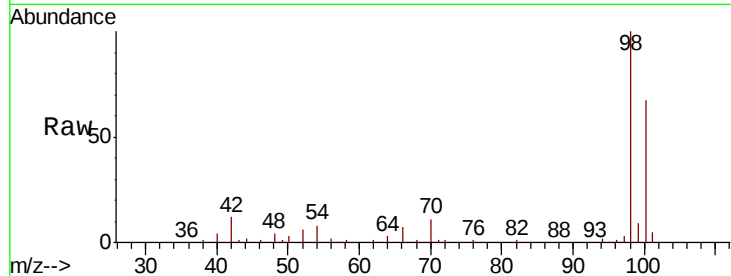
ClientSampleId :

Tot Ion: 98 Resp: 352068

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 51.172 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001542.D

Acq: 06 Feb 2020 19:32

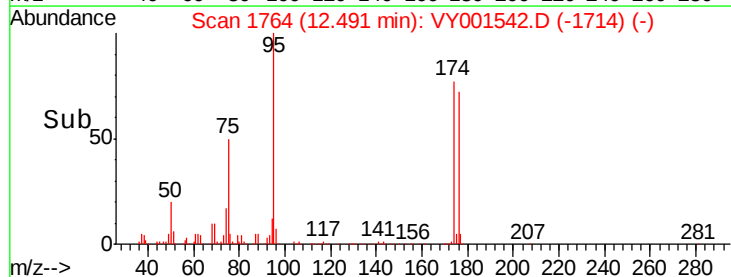
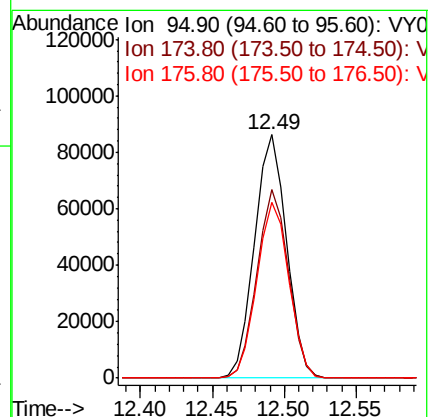
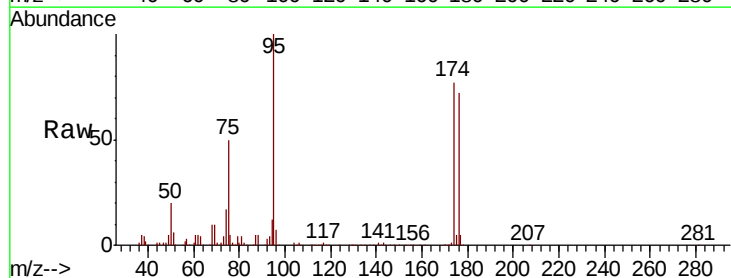
Tgt Ion: 95 Resp: 132128

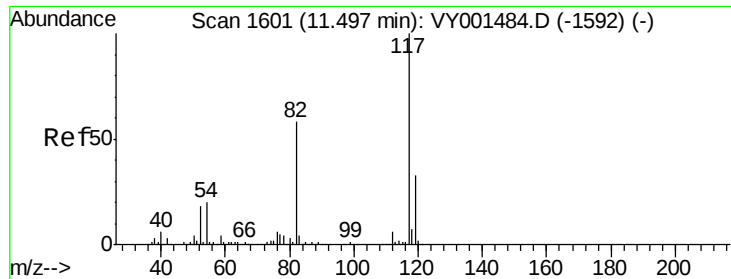
Ion Ratio Lower Upper

95 100

174 76.0 0.0 141.4

176 72.4 0.0 135.4

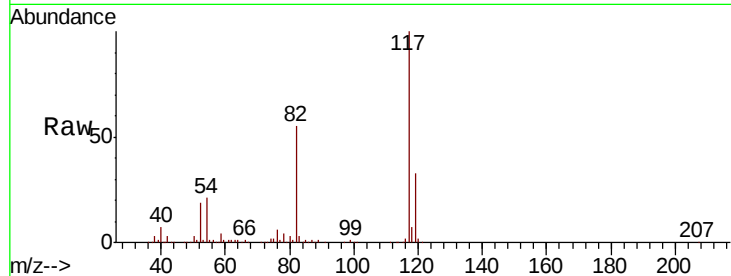




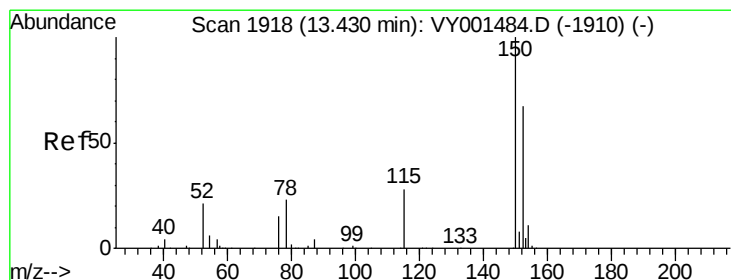
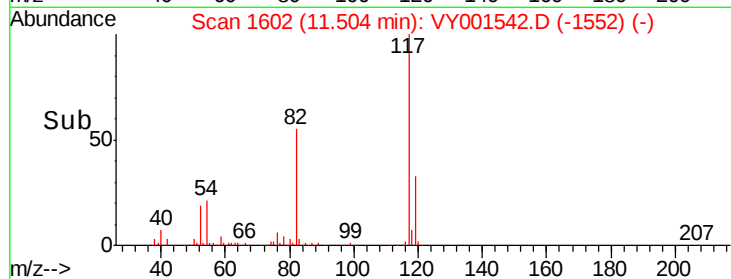
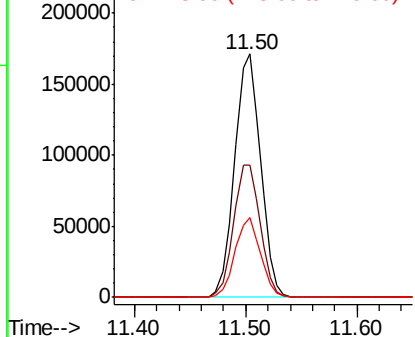
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001542.D
Acq: 06 Feb 2020 19:32

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 276067
Ion Ratio Lower Upper
117 100
82 54.5 46.1 69.1
119 32.6 26.1 39.1

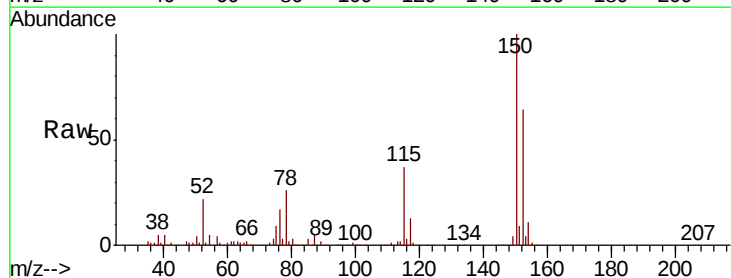


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

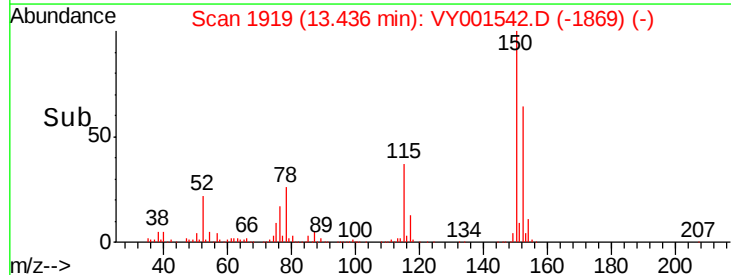
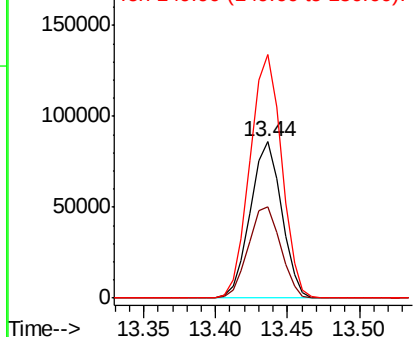


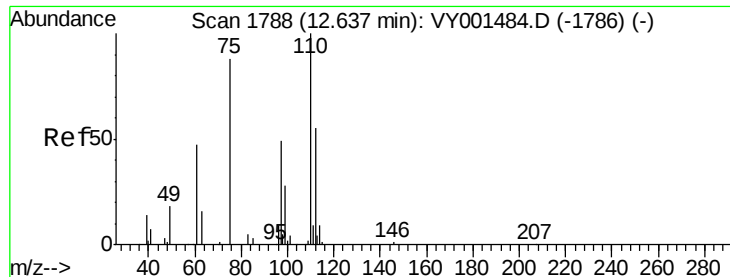
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001542.D
Acq: 06 Feb 2020 19:32

Tgt Ion:152 Resp: 129306
Ion Ratio Lower Upper
152 100
115 60.1 31.4 94.3
150 157.6 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: 48.073 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001542.D

Acq: 06 Feb 2020 19:32

Instrument :

MSVOA_Y

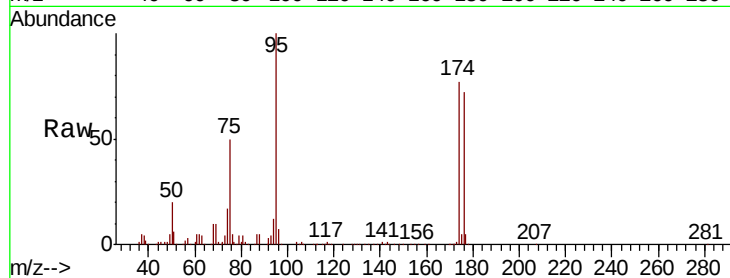
ClientSampleId :

Tot Ion: 75 Resp: 66848

Ion Ratio Lower Upper

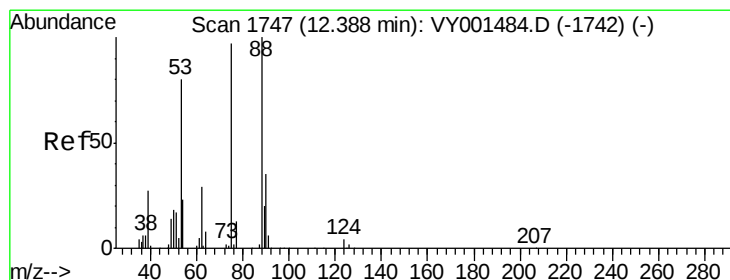
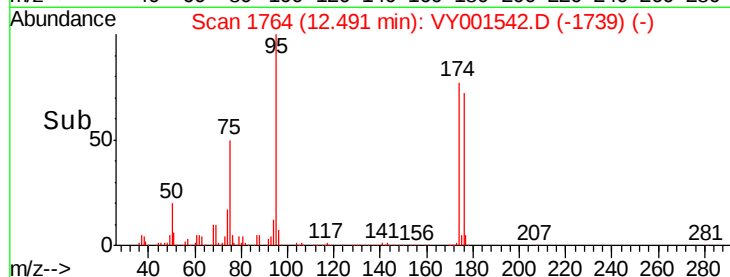
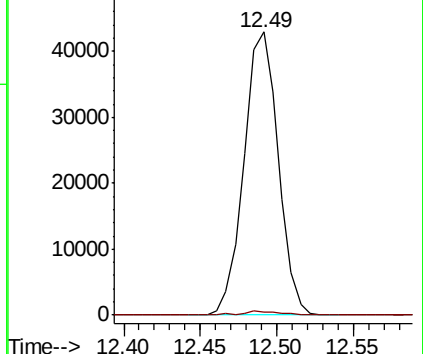
75 100

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: 93.018 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001542.D

Acq: 06 Feb 2020 19:32

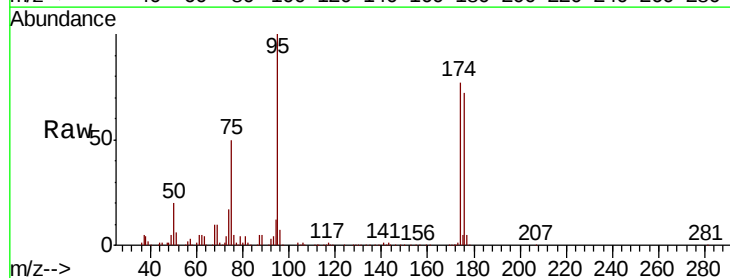
Tgt Ion: 75 Resp: 66848

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

89 0.0 34.6 52.0#



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

