

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001543.D
 Acq On : 06 Feb 2020 19:54
 Operator : SY/MD
 Sample : L1403-01
 Misc : 9.48G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 04:10:09 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

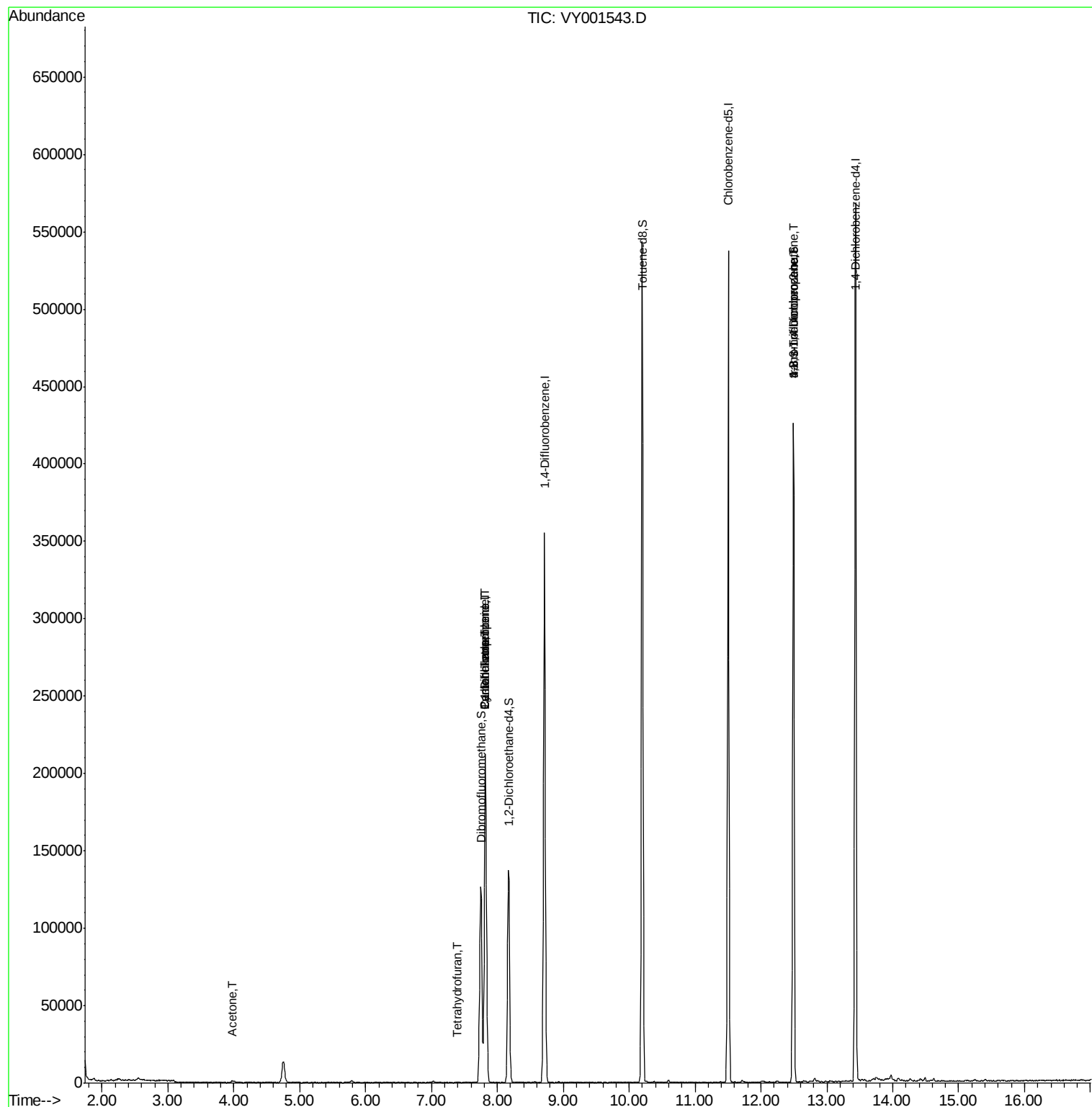
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	164420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	301680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	283373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	138058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	102589	61.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.94%	
35) Dibromofluoromethane	7.75	113	89396	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
50) Toluene-d8	10.20	98	356860	54.22	ug/l	0.01
Spiked Amount 50.000			Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.49	95	137623	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.99	59	120	Below Cal	#	76
16) Acetone	3.98	43	2535	5.294	ug/l	92
29) Tetrahydrofuran	7.39	42	417	1.120	ug/l #	50
31) Cyclohexane	7.82	56	3485	1.081	ug/l #	23
36) 1,1-Dichloropropene	7.82	75	13129	4.757	ug/l #	48
38) Carbon Tetrachloride	7.82	117	15991	5.989	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	70604	47.555	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	70604	92.017	ug/l #	16

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

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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# 997

Delta R.T. 0.01 min

Lab File: VY001543.D

Acq: 06 Feb 2020 19:54

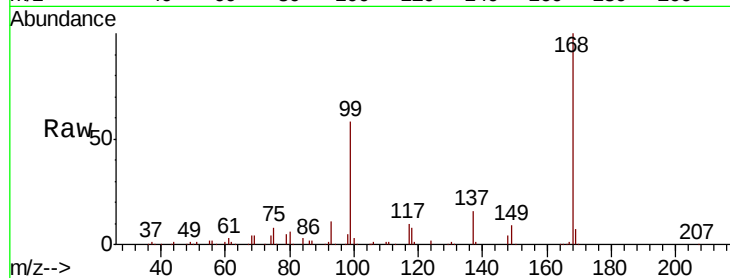
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 164420

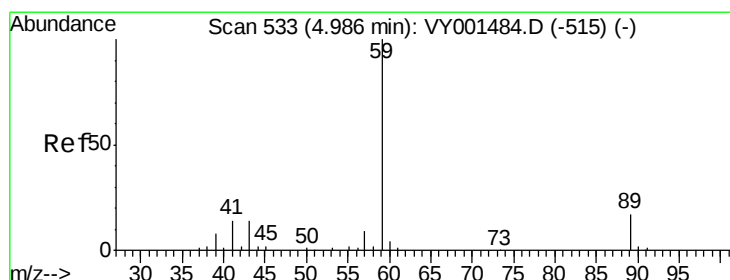
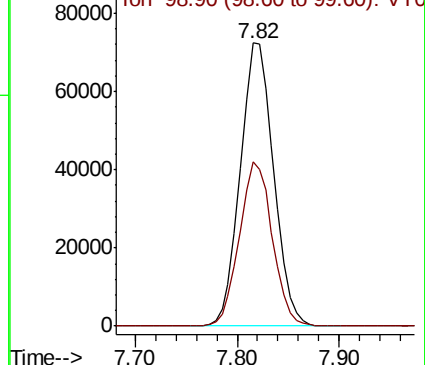
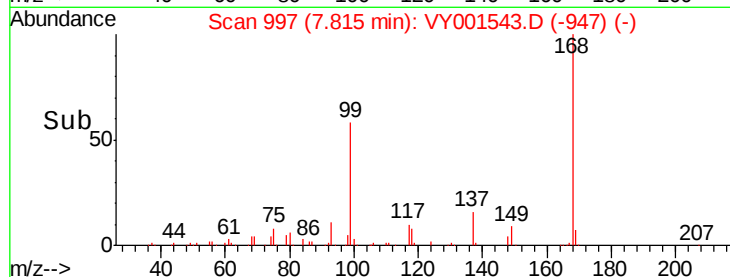
Ion Ratio Lower Upper

168 100

99 57.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001543.D (-947) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. 0.00 min

Lab File: VY001543.D

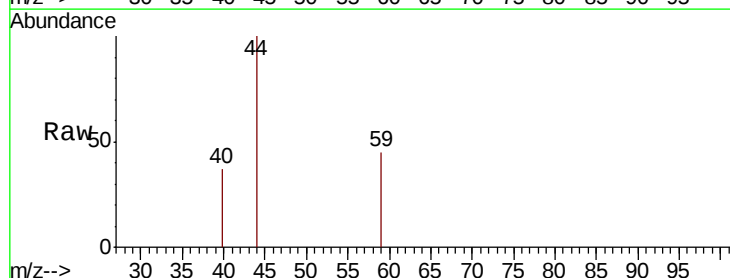
Acq: 06 Feb 2020 19:54

Tgt Ion: 59 Resp: 120

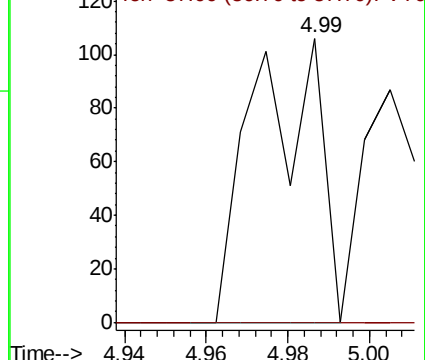
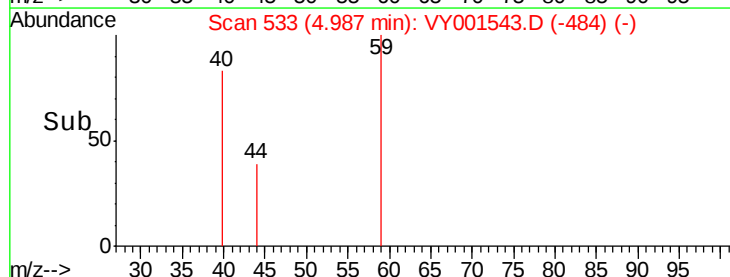
Ion Ratio Lower Upper

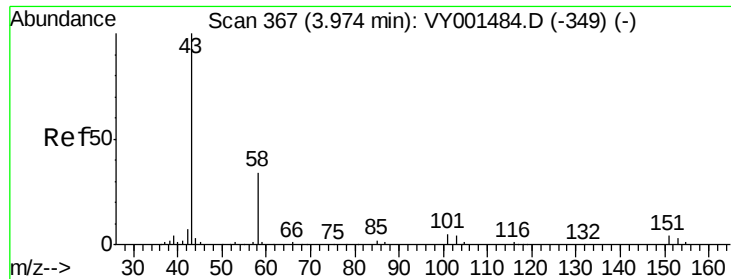
59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001543.D (-484) (-)





#16

Acetone

Concen: 5.294 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001543.D

Acq: 06 Feb 2020 19:54

Instrument :

MSVOA_Y

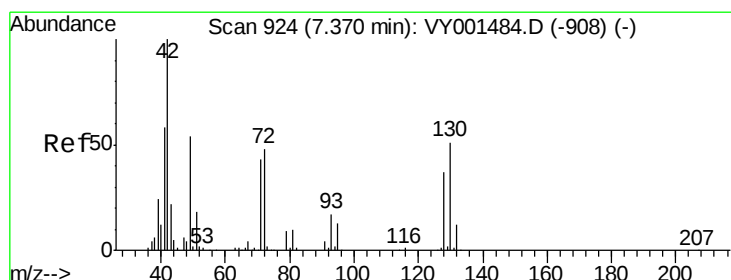
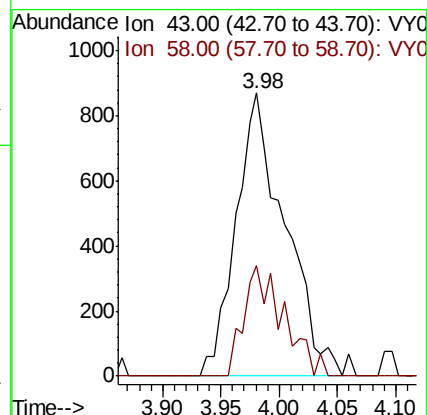
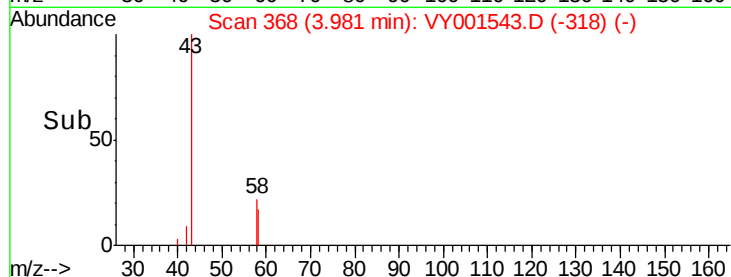
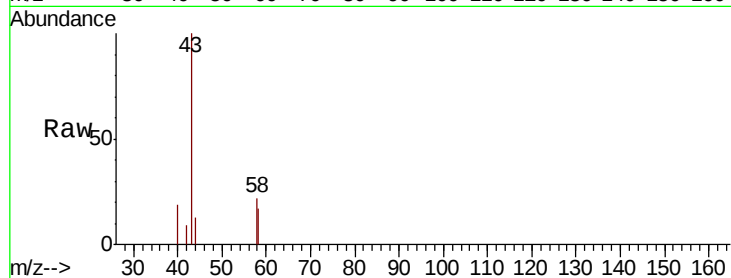
ClientSampleId :

Tot Ion: 43 Resp: 2535

Ion Ratio Lower Upper

43 100

58 39.1 27.5 41.3



#29

Tetrahydrofuran

Concen: 1.120 ug/l

RT: 7.39 min Scan# 928

Delta R.T. 0.02 min

Lab File: VY001543.D

Acq: 06 Feb 2020 19:54

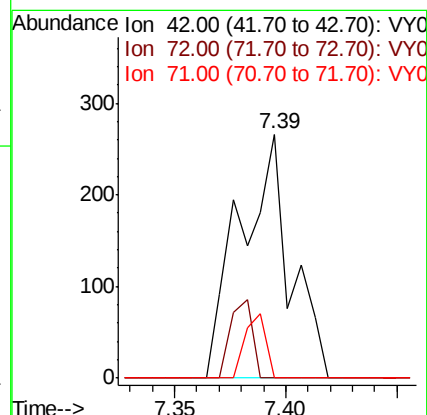
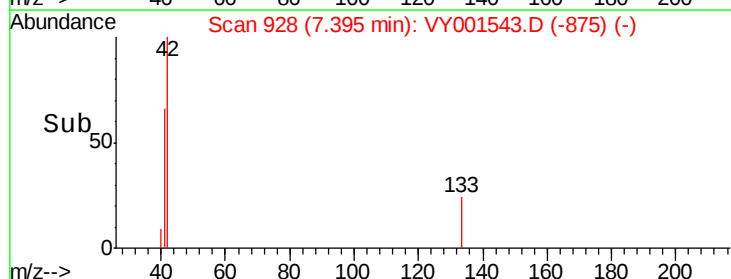
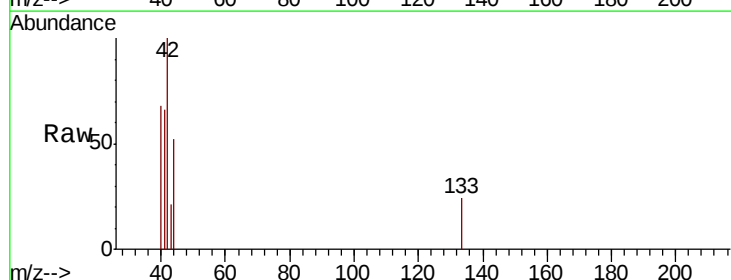
Tgt Ion: 42 Resp: 417

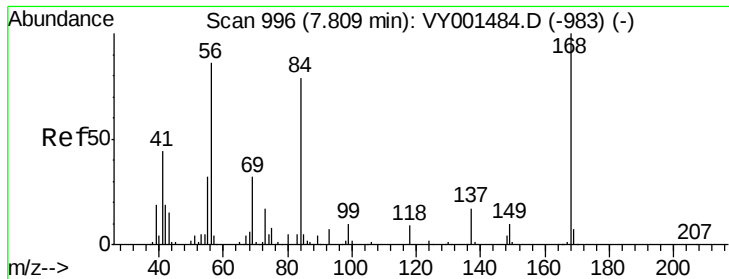
Ion Ratio Lower Upper

42 100

72 13.7 37.8 56.6#

71 11.0 34.8 52.2#

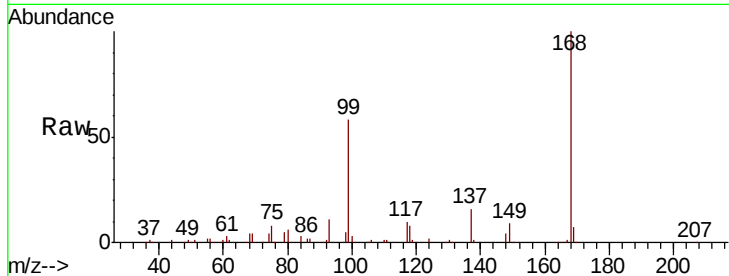




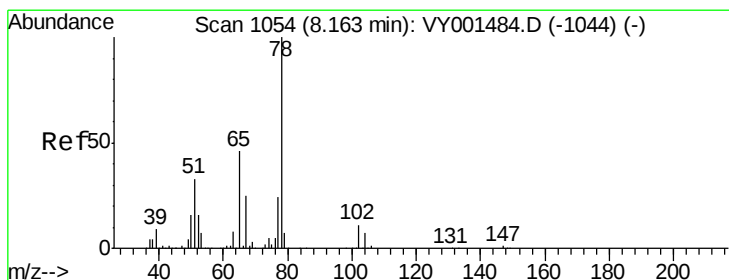
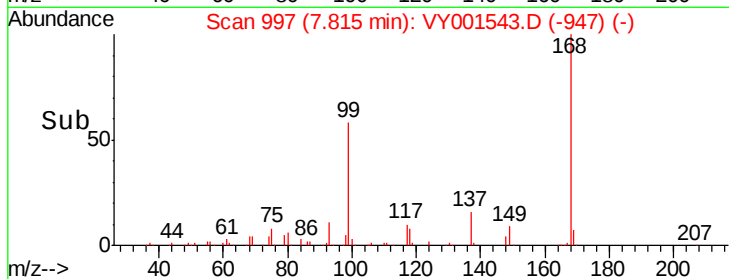
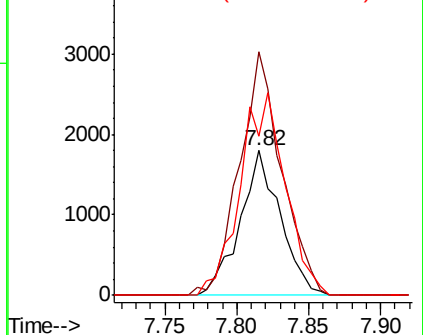
#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001543.D
Acq: 06 Feb 2020 19:54

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 3485
Ion Ratio Lower Upper
56 100
69 168.4 29.6 44.4#
84 109.9 73.6 110.4

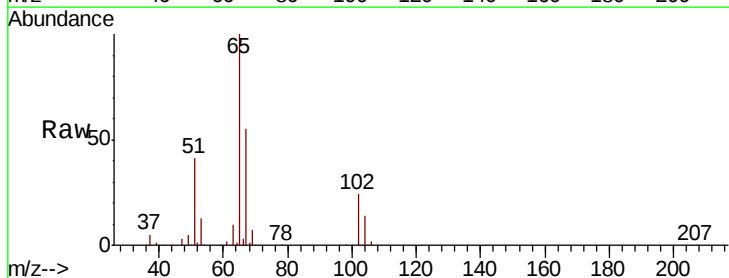


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

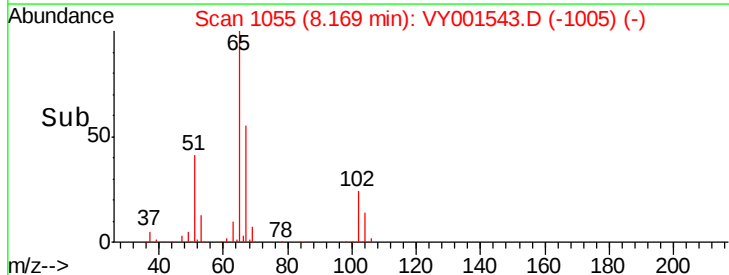
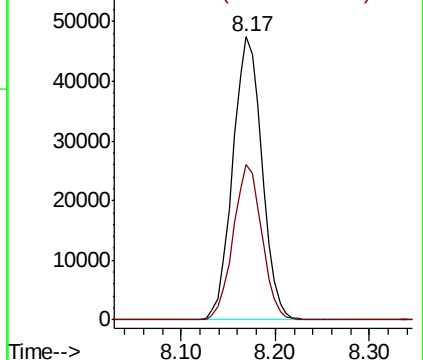


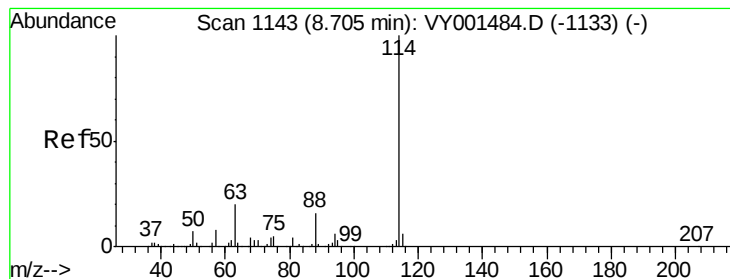
#33
1,2-Dichloroethane-d4
Concen: 61.970 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY001543.D
Acq: 06 Feb 2020 19:54

Tgt Ion: 65 Resp: 102589
Ion Ratio Lower Upper
65 100
67 53.8 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: VY001543.D

Acq: 06 Feb 2020 19:54

Instrument :
MSVOA_Y
ClientSampleId :

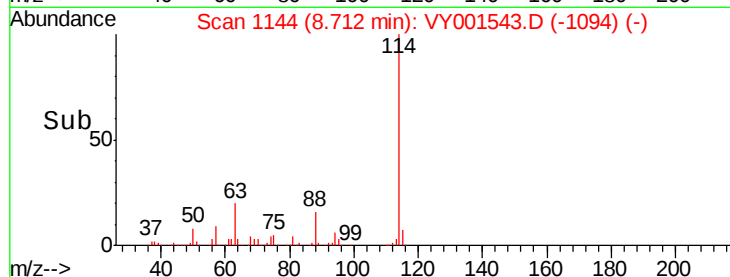
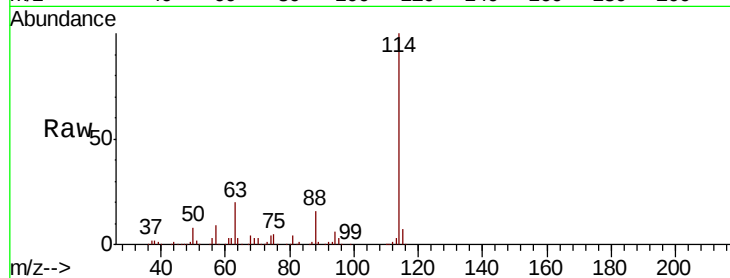
Tot Ion:114 Resp: 301680

Ion Ratio Lower Upper

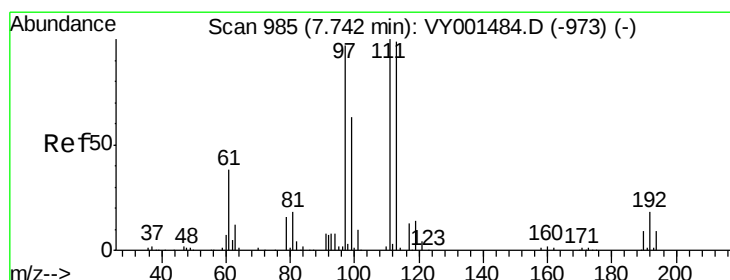
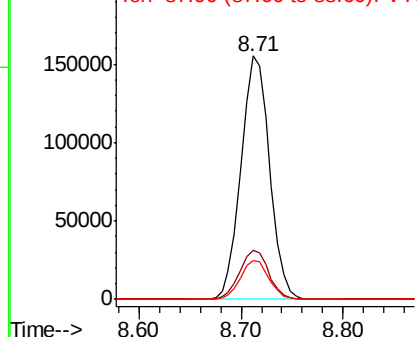
114 100

63 19.9 0.0 39.8

88 15.8 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: 51.388 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001543.D

Acq: 06 Feb 2020 19:54

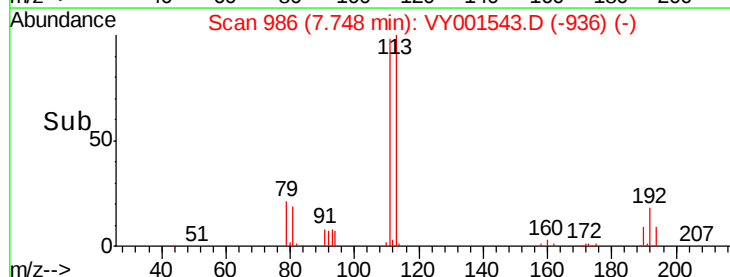
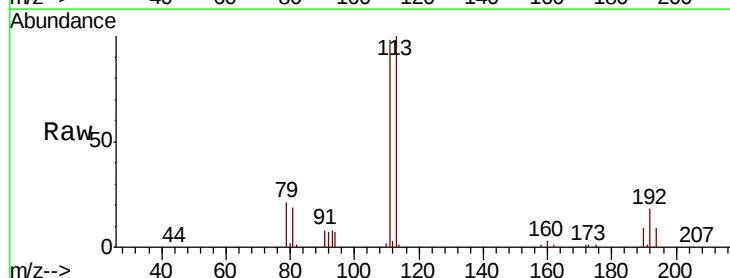
Tgt Ion:113 Resp: 89396

Ion Ratio Lower Upper

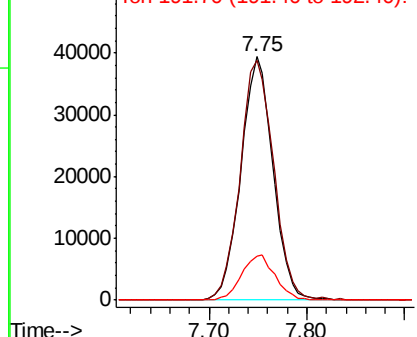
113 100

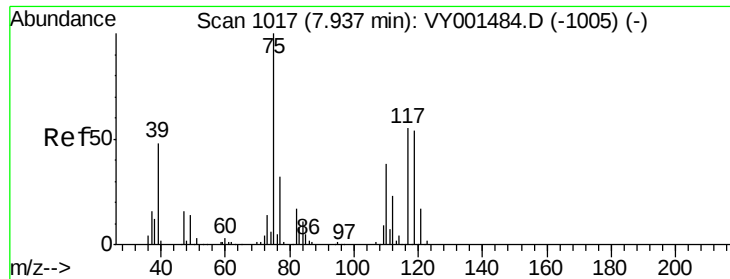
111 103.3 82.9 124.3

192 19.4 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

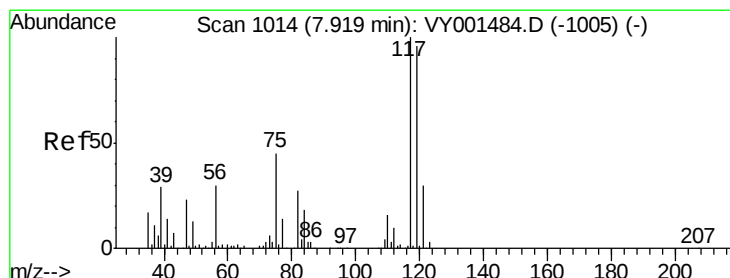
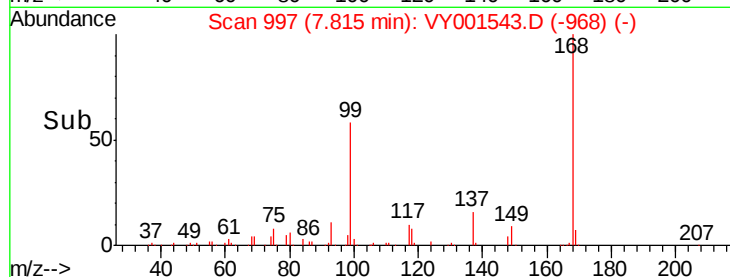
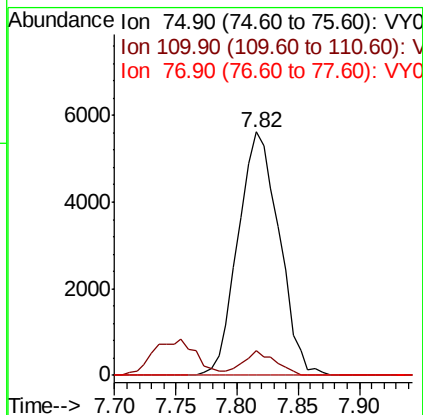
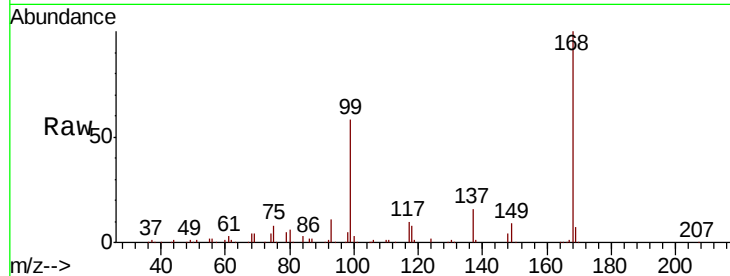




#36
 1,1-Dichloropropene
 Concen: 4.757 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY001543.D
 Acq: 06 Feb 2020 19:54

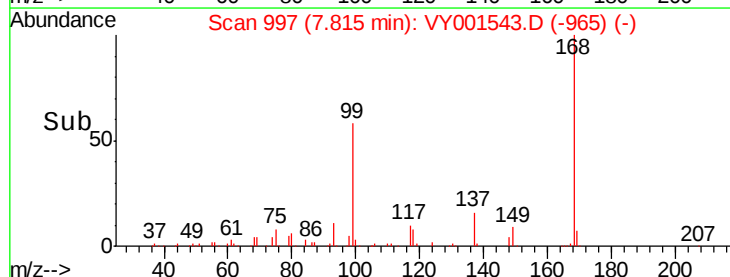
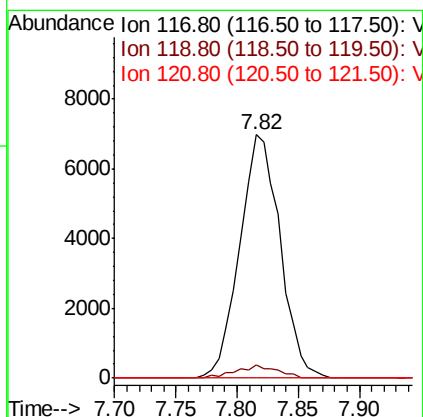
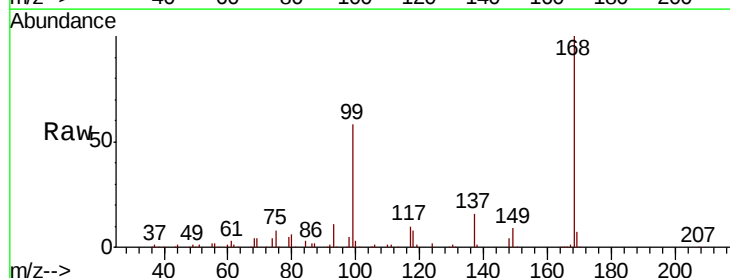
Instrument :
 MSVOA_Y
 ClientSampleId :

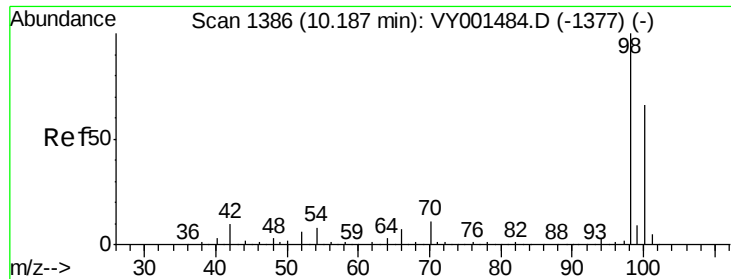
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.8	18.2	54.6#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.989 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.10 min
 Lab File: VY001543.D
 Acq: 06 Feb 2020 19:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.4	114.6#
121	0.0	24.2	36.4#





#50

Toluene-d8

Concen: 54.219 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001543.D

Acq: 06 Feb 2020 19:54

Instrument :

MSVOA_Y

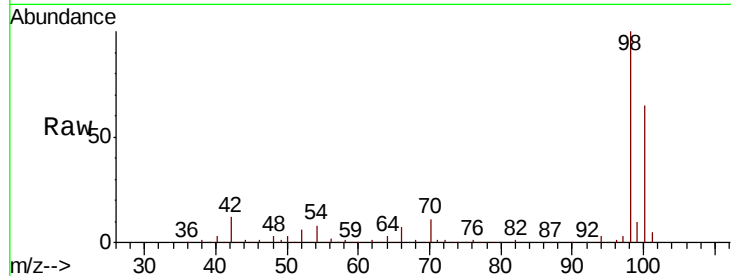
ClientSampleId :

Tot Ion: 98 Resp: 356860

Ion Ratio Lower Upper

98 100

100 65.9 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) (-)

250000

200000

150000

100000

50000

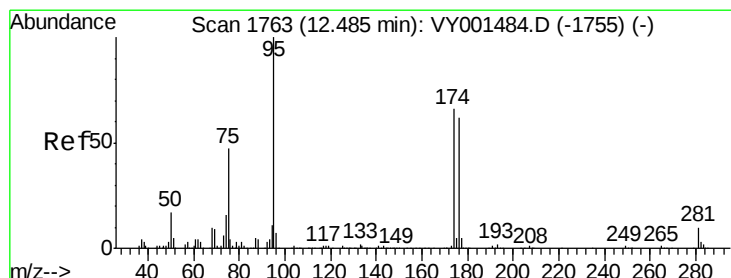
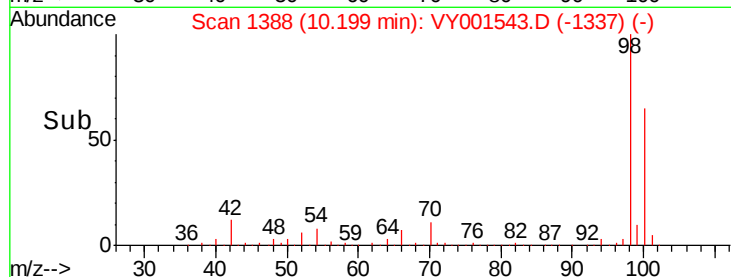
0

10.10

10.20

10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 53.078 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001543.D

Acq: 06 Feb 2020 19:54

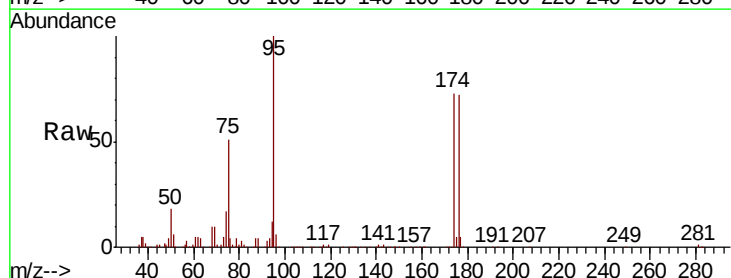
Tgt Ion: 95 Resp: 137623

Ion Ratio Lower Upper

95 100

174 74.9 0.0 141.4

176 72.9 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY001484.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001484.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001484.D (-1755) (-)

120000

100000

80000

60000

40000

20000

0

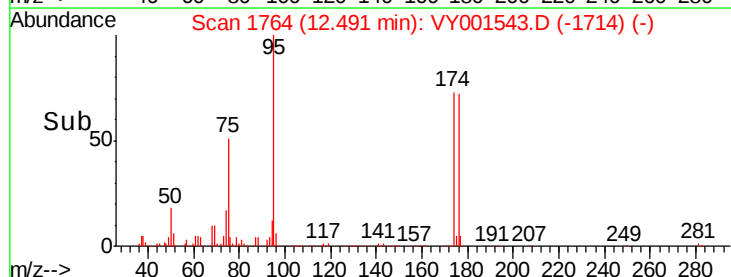
12.40

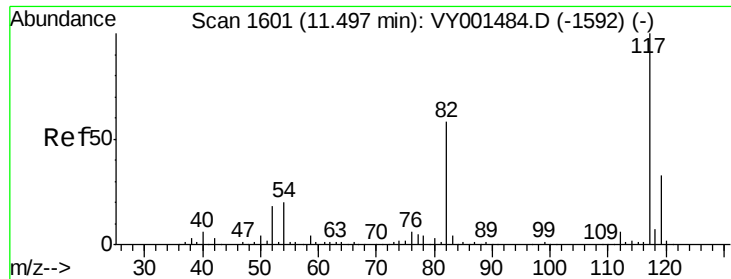
12.45

12.50

12.55

Time-->

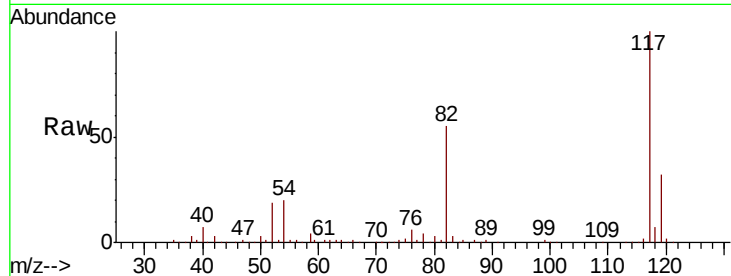




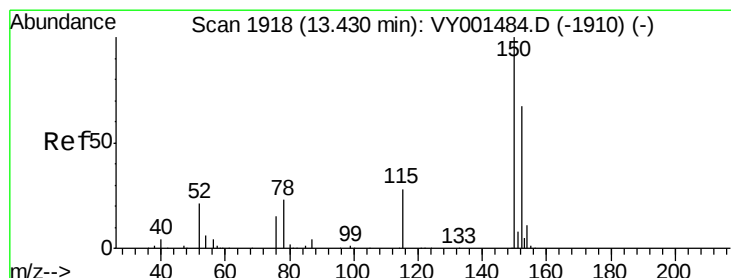
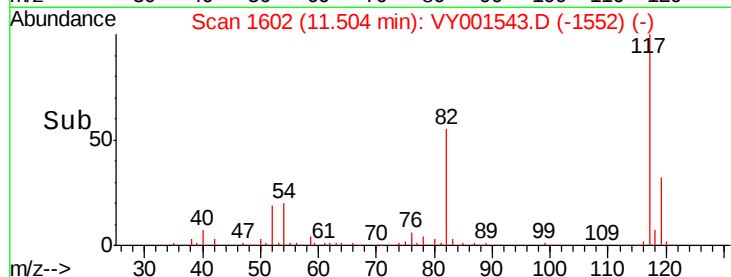
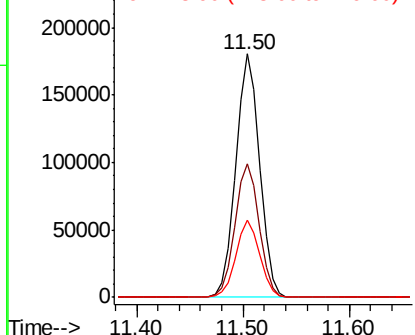
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001543.D
Acq: 06 Feb 2020 19:54

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 283373
Ion Ratio Lower Upper
117 100
82 55.0 46.1 69.1
119 31.6 26.1 39.1

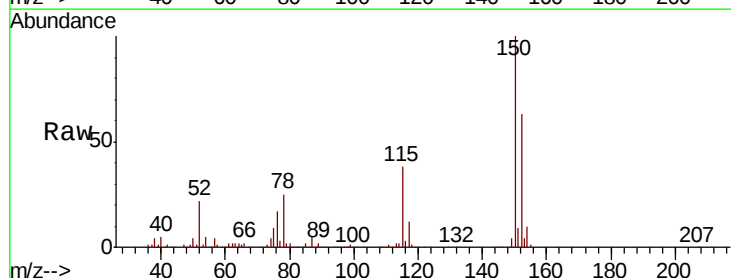


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

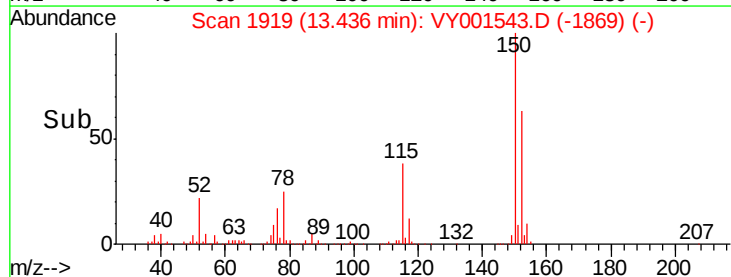
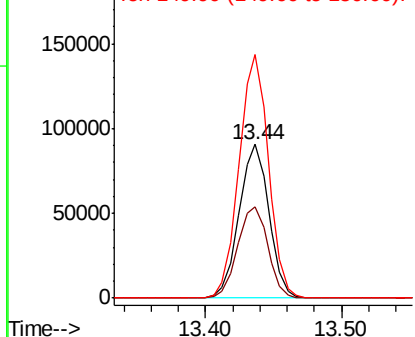


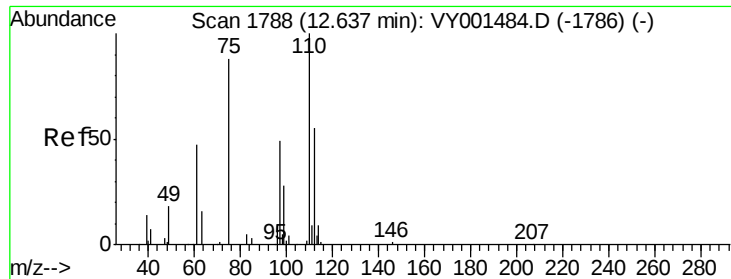
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001543.D
Acq: 06 Feb 2020 19:54

Tgt Ion:152 Resp: 138058
Ion Ratio Lower Upper
152 100
115 60.6 31.4 94.3
150 156.5 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

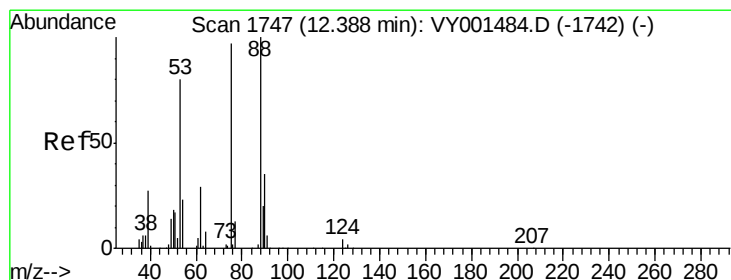
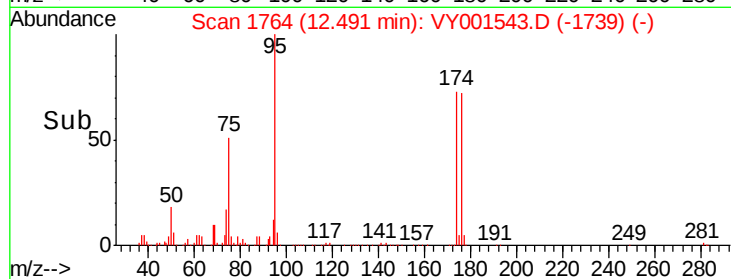
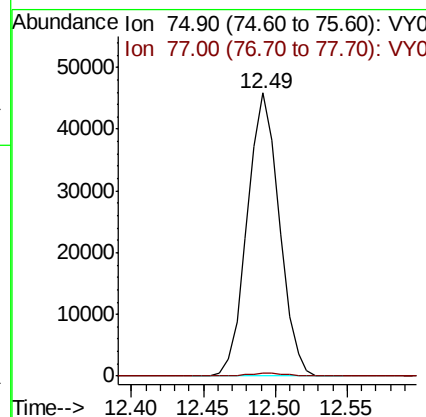
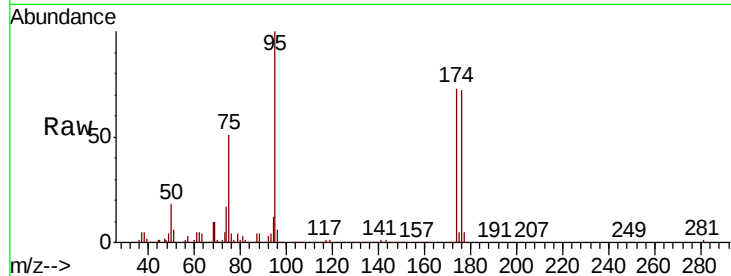




#76
 1,2,3-Trichloropropane
 Concen: 47.555 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY001543.D
 Acq: 06 Feb 2020 19:54

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 75 Resp: 70604
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.017 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001543.D
 Acq: 06 Feb 2020 19:54

Tgt Ion: 75 Resp: 70604
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.7 101.5#
 89 0.2 34.6 52.0#

