

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001562.D
 Acq On : 07 Feb 2020 18:15
 Operator : SY/MD
 Sample : L1403-04RE
 Misc : 11.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 08 01:27:53 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	170474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	301319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	275690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	125684	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	102221	59.55	ug/l	0.00
Spiked Amount			Recovery	=	119.10%	
35) Dibromofluoromethane	7.75	113	89954	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	
50) Toluene-d8	10.19	98	363913	55.36	ug/l	0.00
Spiked Amount			Recovery	=	110.72%	
62) 4-Bromofluorobenzene	12.49	95	128695	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	

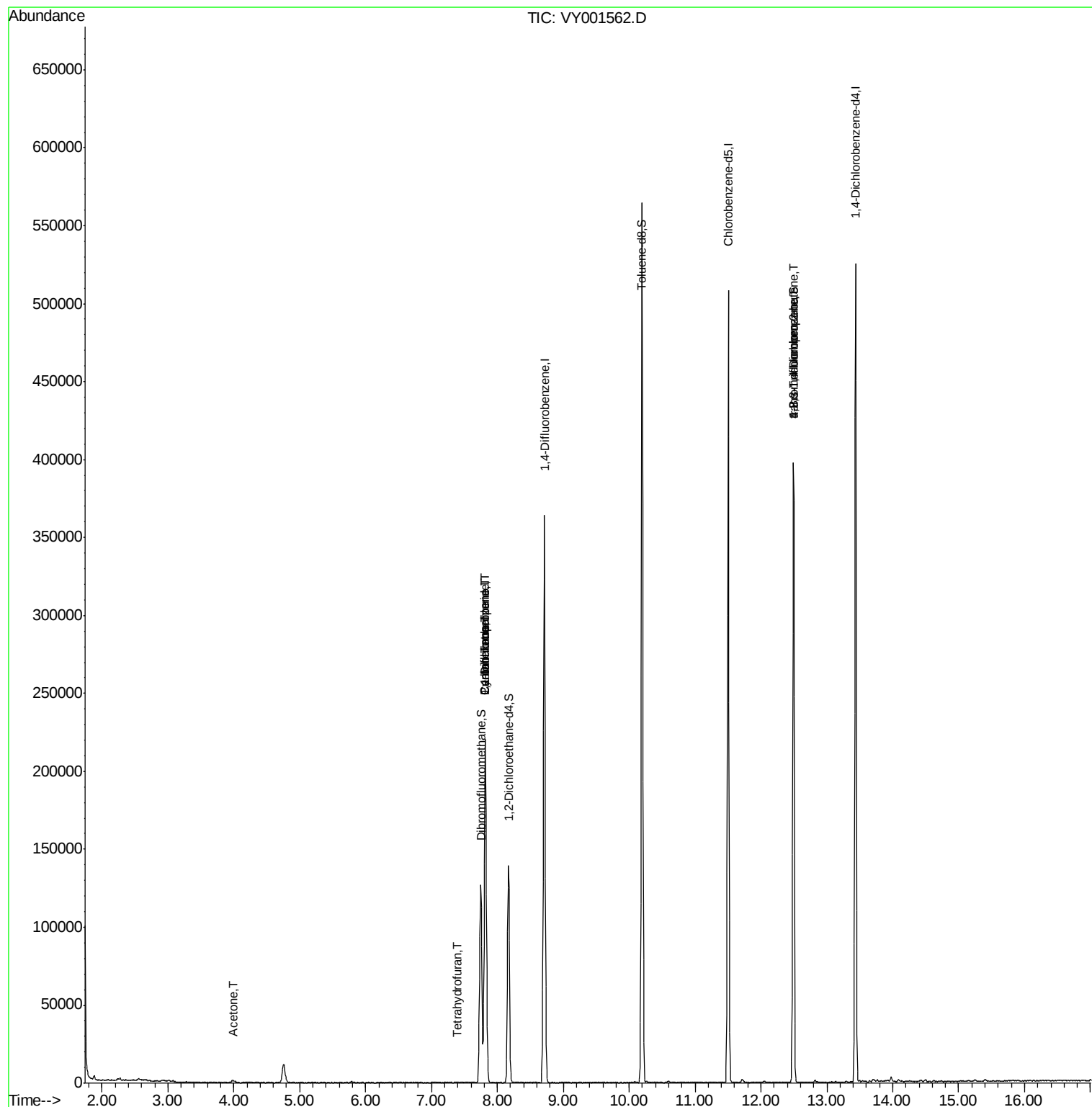
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.00	59	97	Below Cal	#	76
16) Acetone	3.99	43	2757	5.553	ug/l #	80
20) Methylene Chloride	4.75	84	8989	Below Cal		98
29) Tetrahydrofuran	7.39	42	492	1.274	ug/l #	43
31) Cyclohexane	7.82	56	3945	1.180	ug/l #	7
36) 1,1-Dichloropropene	7.82	75	13417	4.867	ug/l #	49
38) Carbon Tetrachloride	7.82	117	16527	6.197	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	64601	47.796	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	64601	92.482	ug/l #	16

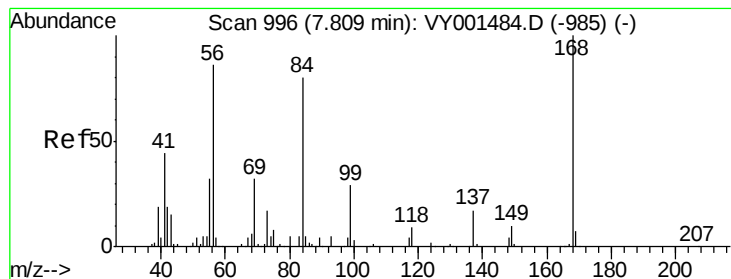
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001562.D

Acq: 07 Feb 2020 18:15

Instrument :

MSVOA_Y

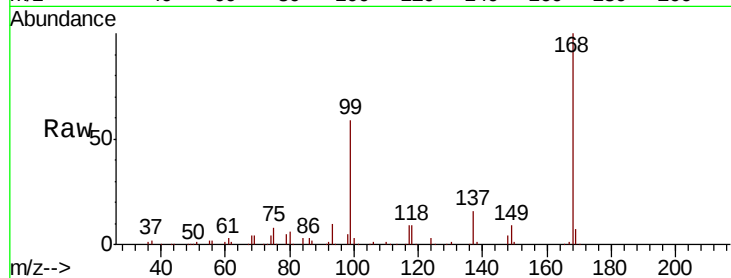
ClientSampleId :

Tot Ion:168 Resp: 170474

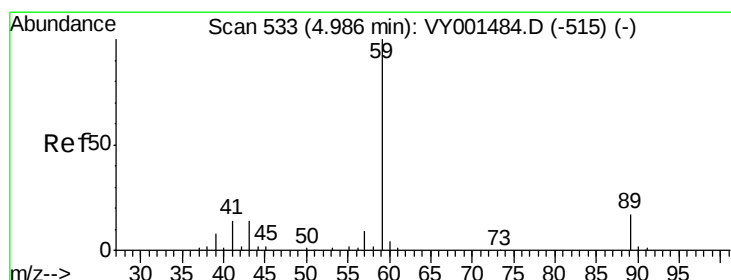
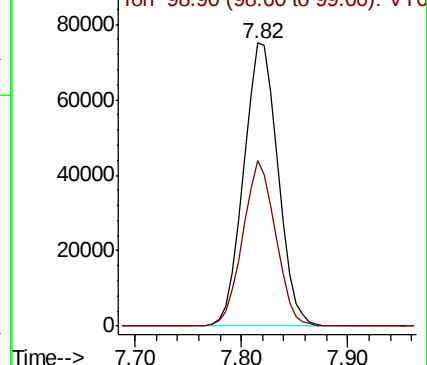
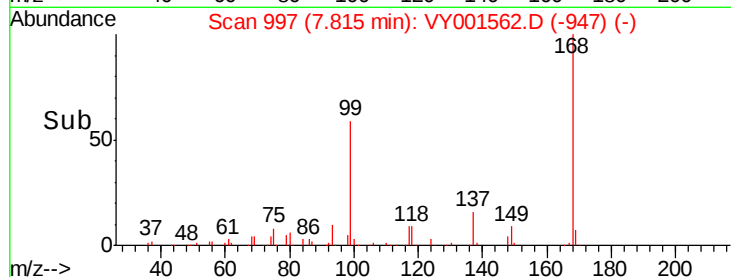
Ion Ratio Lower Upper

168 100

99 58.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001562.D (-947) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.00 min Scan# 535

Delta R.T. 0.01 min

Lab File: VY001562.D

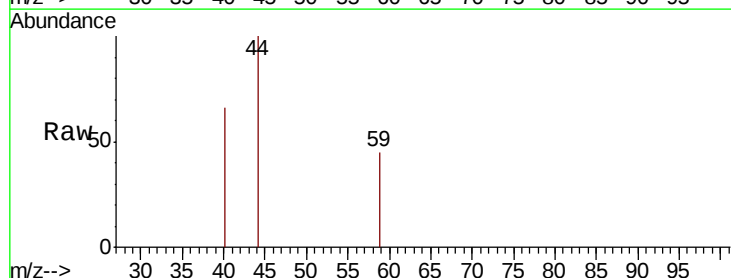
Acq: 07 Feb 2020 18:15

Tgt Ion: 59 Resp: 97

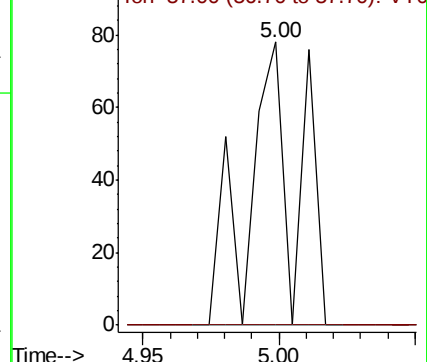
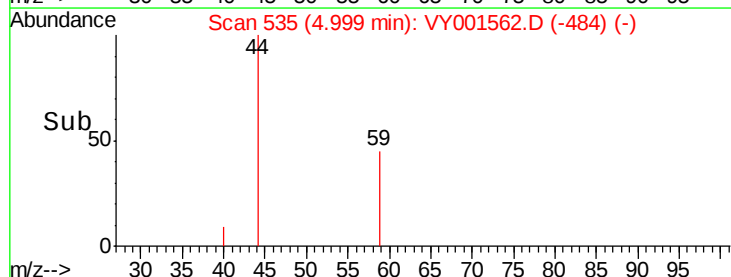
Ion Ratio Lower Upper

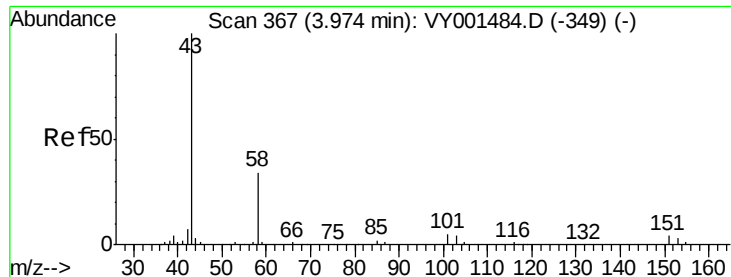
59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001562.D (-484) (-)





#16

Acetone

Concen: 5.553 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.02 min

Lab File: VY001562.D

Acq: 07 Feb 2020 18:15

Instrument :

MSVOA_Y

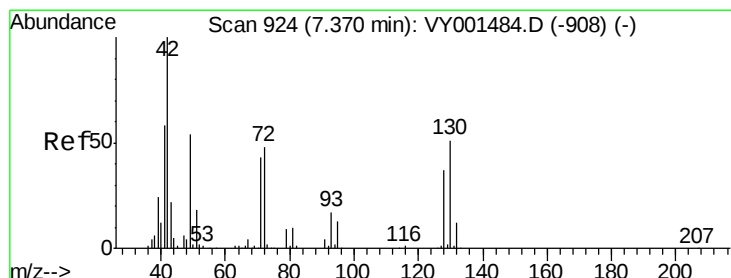
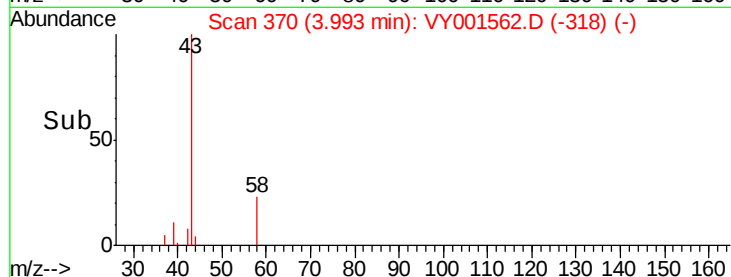
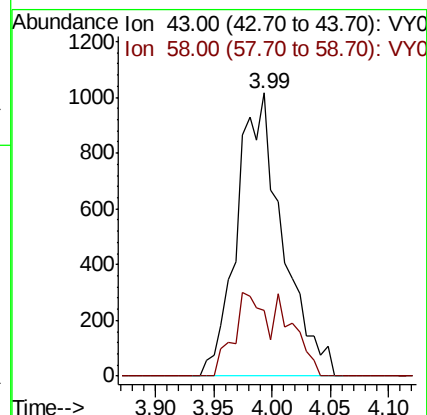
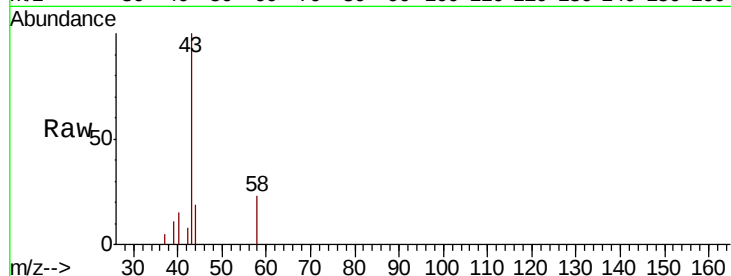
ClientSampleId :

Tot Ion: 43 Resp: 2757

Ion Ratio Lower Upper

43 100

58 23.2 27.5 41.3#



#29

Tetrahydrofuran

Concen: 1.274 ug/l

RT: 7.39 min Scan# 928

Delta R.T. 0.02 min

Lab File: VY001562.D

Acq: 07 Feb 2020 18:15

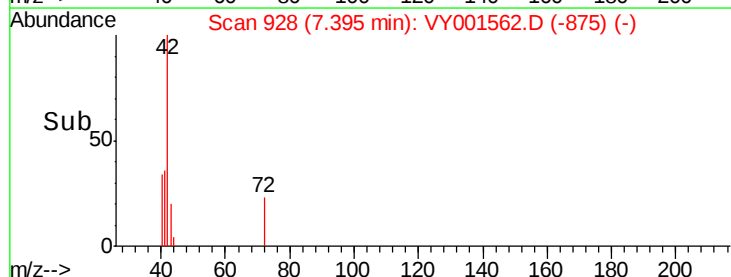
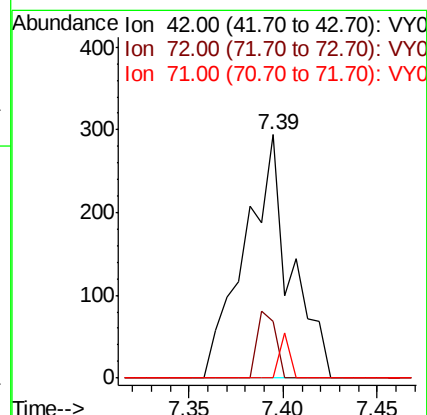
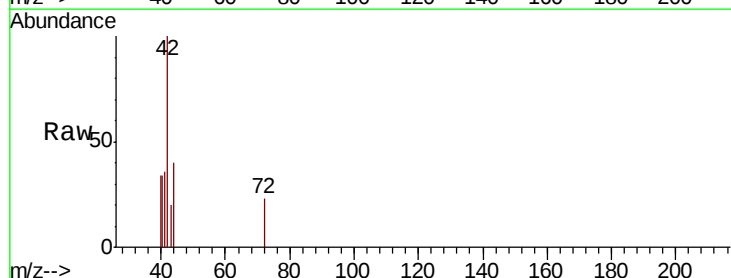
Tgt Ion: 42 Resp: 492

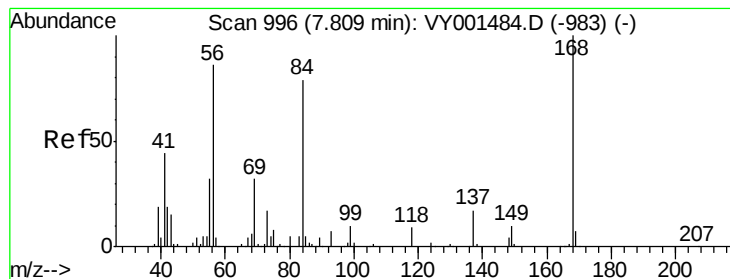
Ion Ratio Lower Upper

42 100

72 11.2 37.8 56.6#

71 4.1 34.8 52.2#





#31

Cyclohexane

Concen: 1.180 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001562.D

Acq: 07 Feb 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :

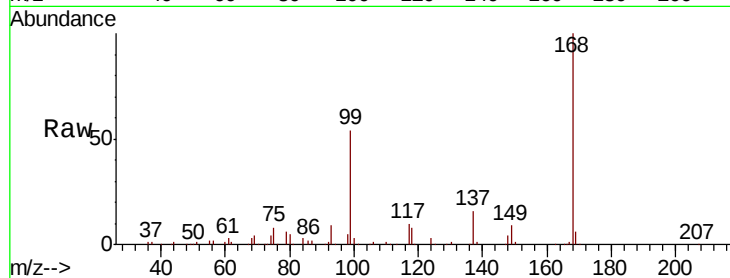
Tot Ion: 56 Resp: 3945

Ion Ratio Lower Upper

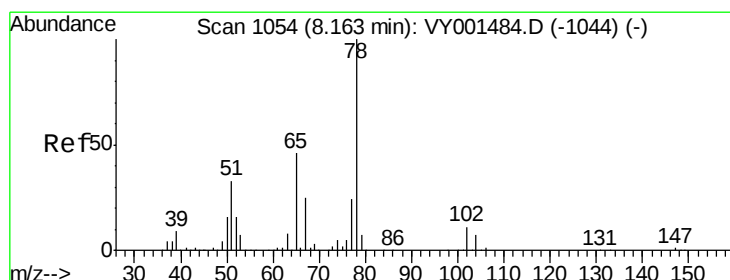
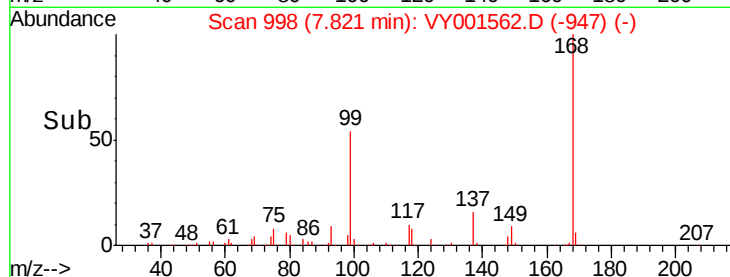
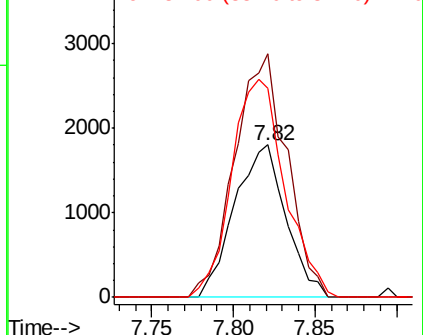
56 100

69 160.0 29.6 44.4#

84 137.5 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: 59.555 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001562.D

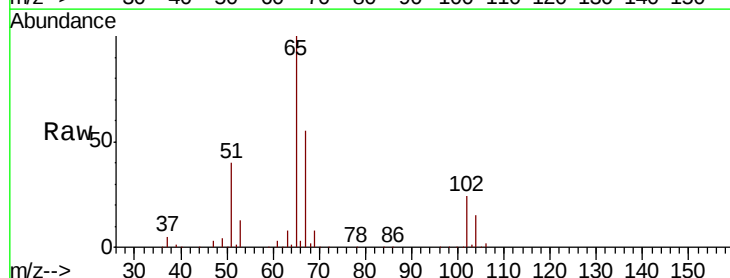
Acq: 07 Feb 2020 18:15

Tgt Ion: 65 Resp: 102221

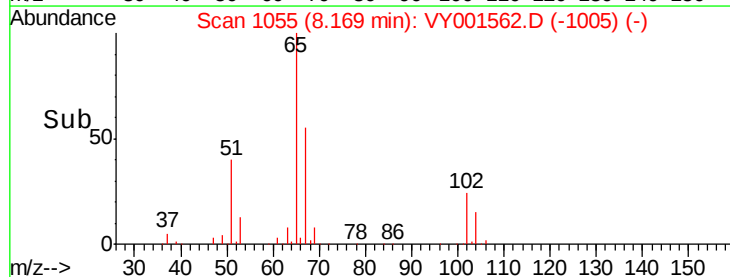
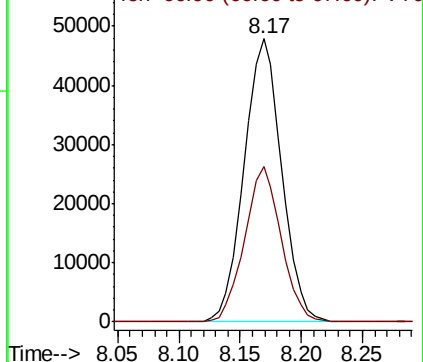
Ion Ratio Lower Upper

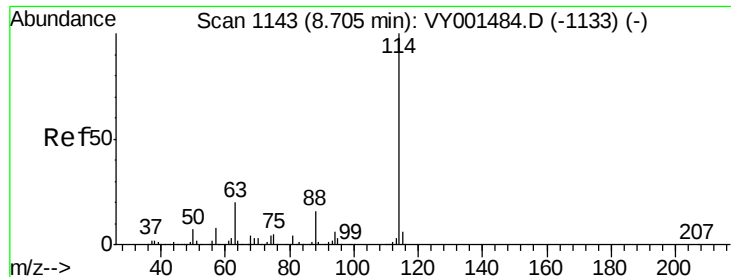
65 100

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# 1144

Delta R.T. 0.01 min

Lab File: VY001562.D

Acq: 07 Feb 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

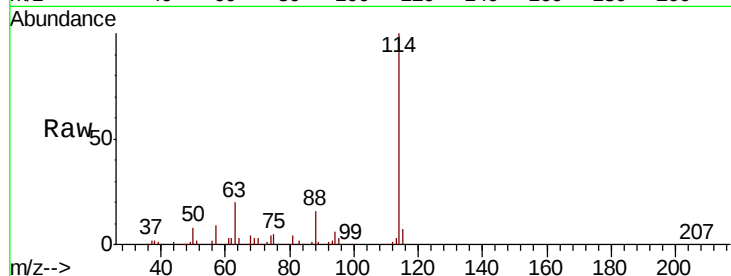
Tot Ion:114 Resp: 301319

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

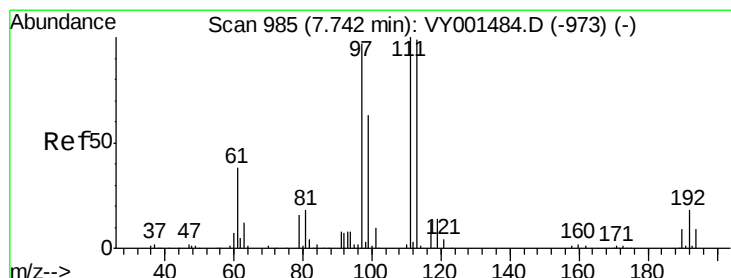
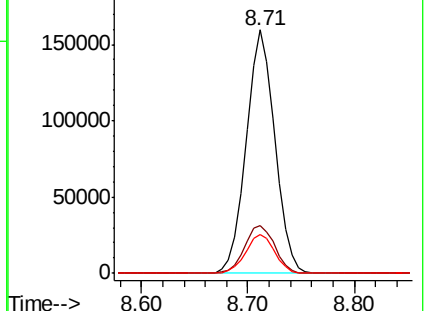
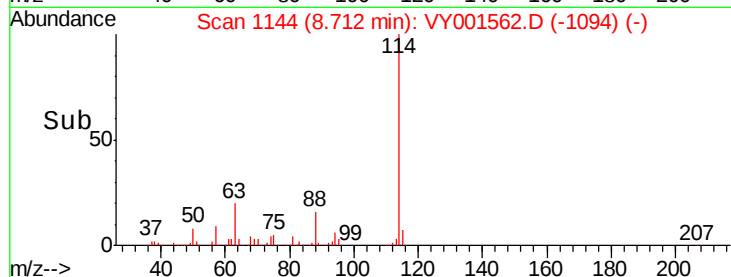
88 15.8 0.0 32.6



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: 51.771 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001562.D

Acq: 07 Feb 2020 18:15

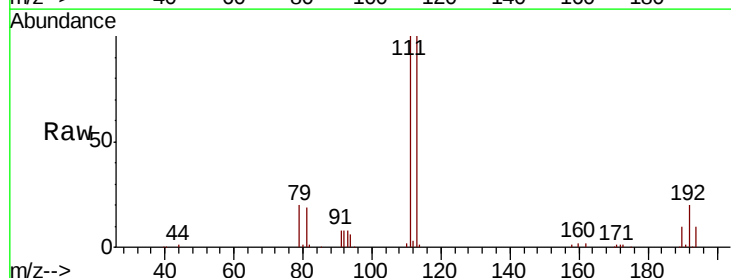
Tgt Ion:113 Resp: 89954

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

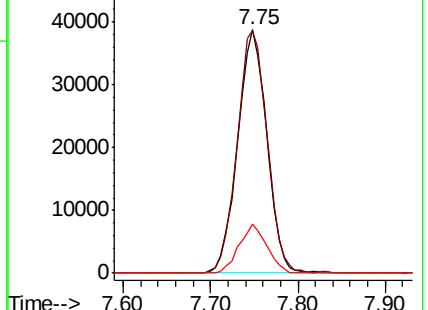
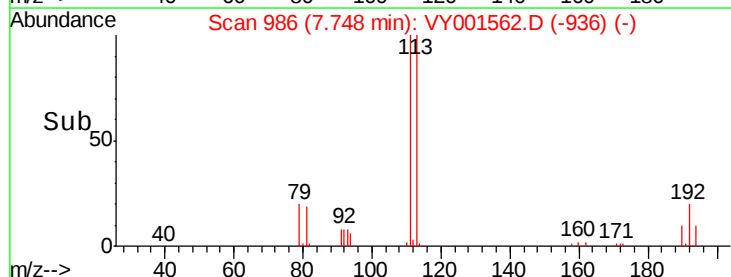
192 19.1 14.6 22.0

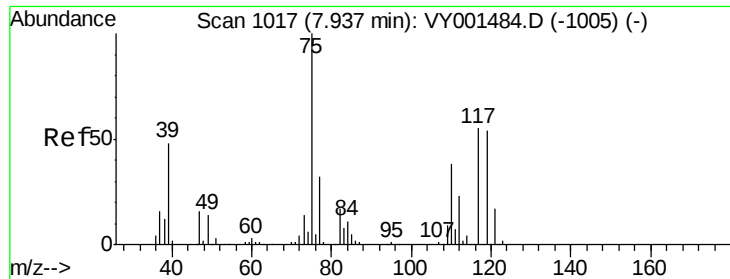


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

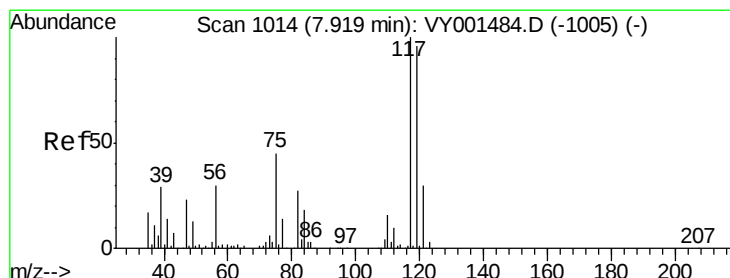
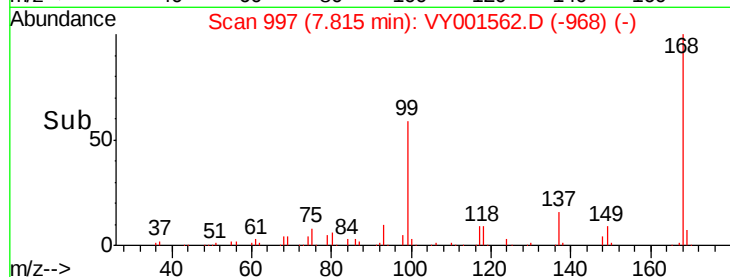
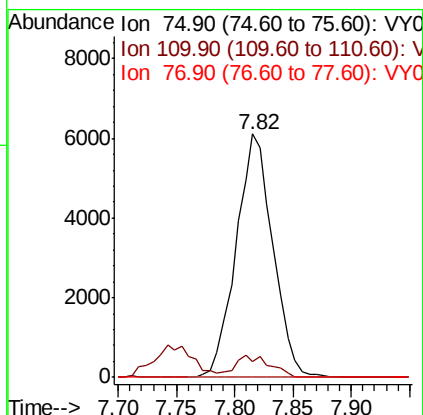
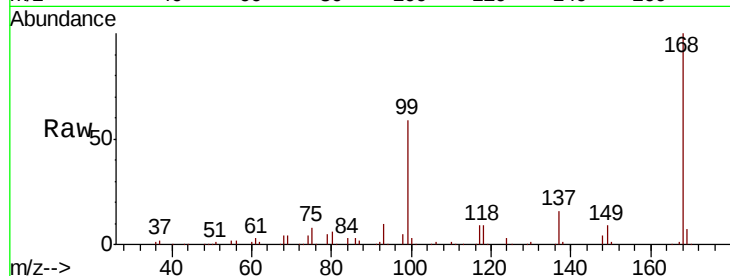




#36
 1,1-Dichloropropene
 Concen: 4.867 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY001562.D
 Acq: 07 Feb 2020 18:15

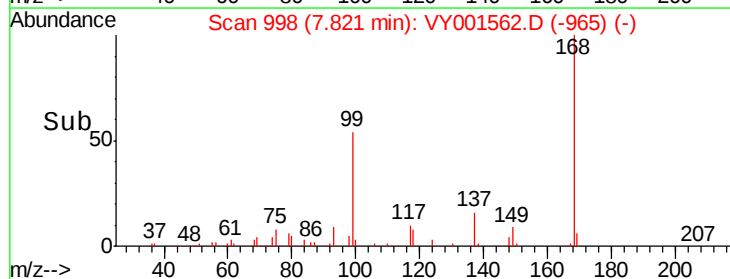
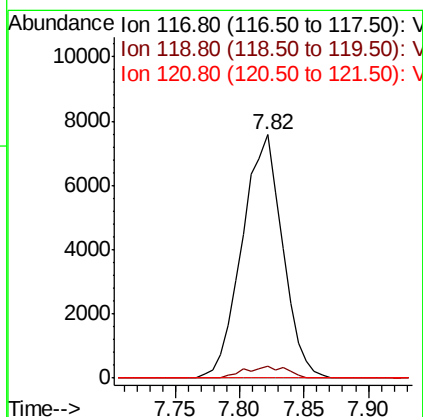
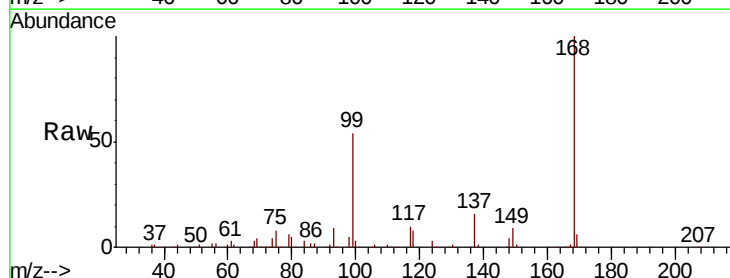
Instrument :
 MSVOA_Y
 ClientSampleId :

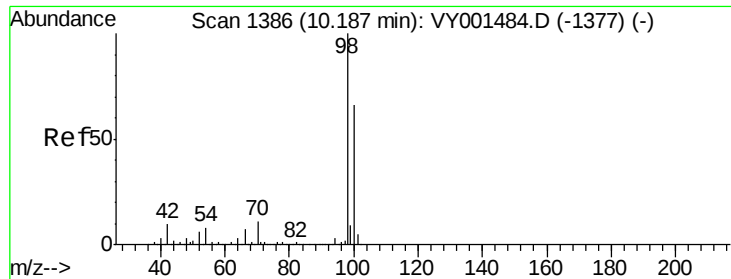
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.2	54.6#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.197 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY001562.D
 Acq: 07 Feb 2020 18:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.4	114.6#
121	0.0	24.2	36.4#





#50

Toluene-d8

Concen: 55.357 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001562.D

Acq: 07 Feb 2020 18:15

Instrument :

MSVOA_Y

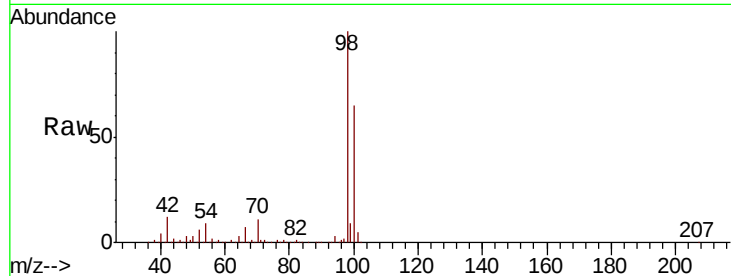
ClientSampleId :

Tot Ion: 98 Resp: 363913

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.6



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

Ion 100.00 (99.70 to 100.70): VY001562.D (-1337) (-)

250000

200000

150000

100000

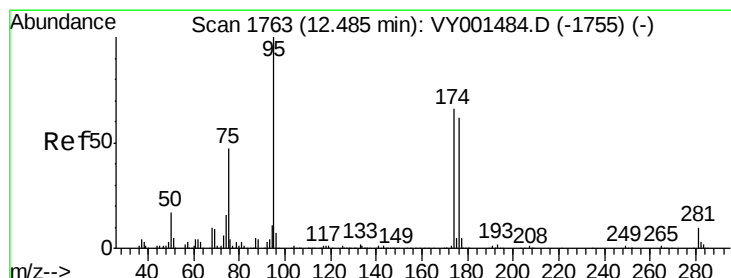
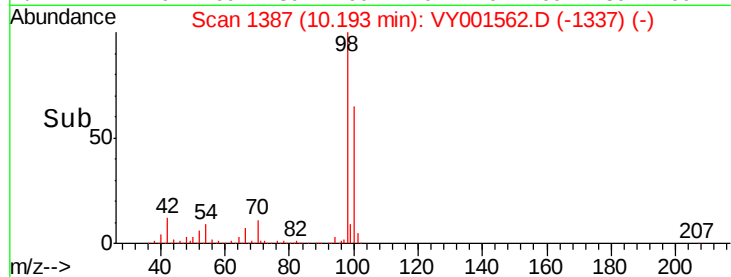
50000

0

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 49.694 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001562.D

Acq: 07 Feb 2020 18:15

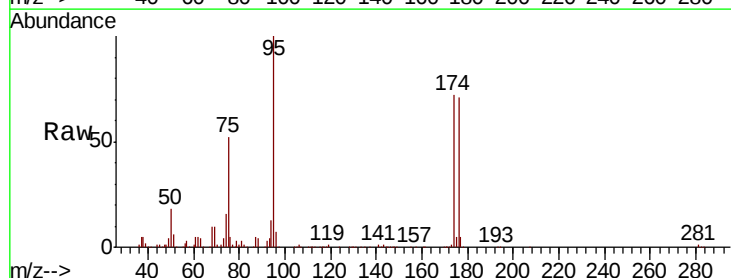
Tgt Ion: 95 Resp: 128695

Ion Ratio Lower Upper

95 100

174 75.6 0.0 141.4

176 73.6 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): VY001562.D (-1714) (-)

100000

80000

60000

40000

20000

0

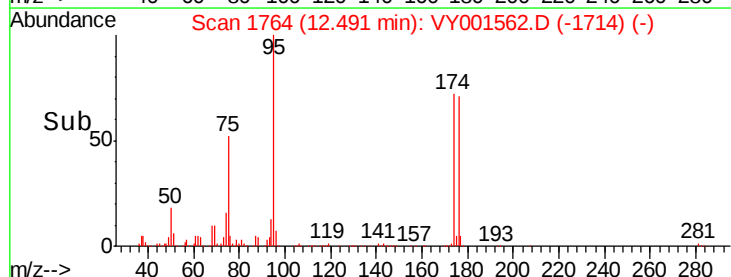
12.40

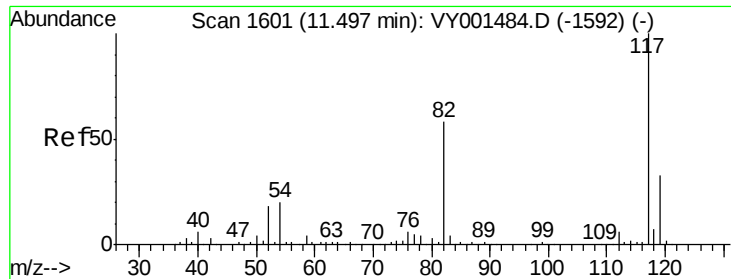
12.45

12.50

12.55

Time-->

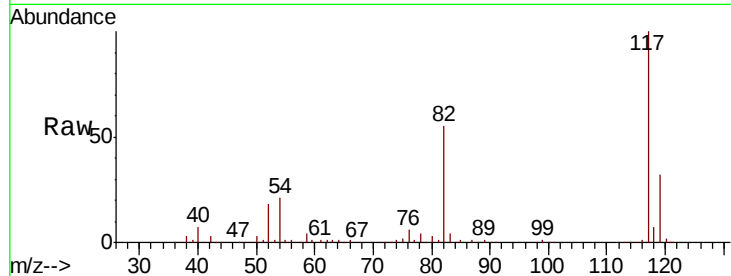




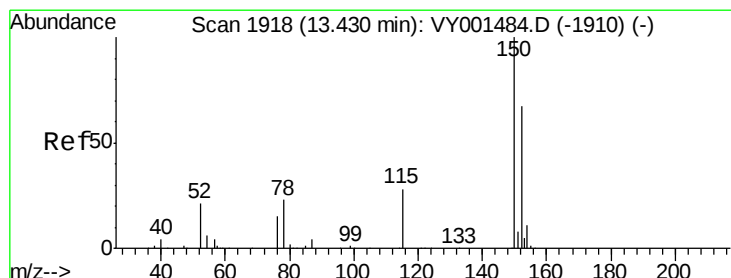
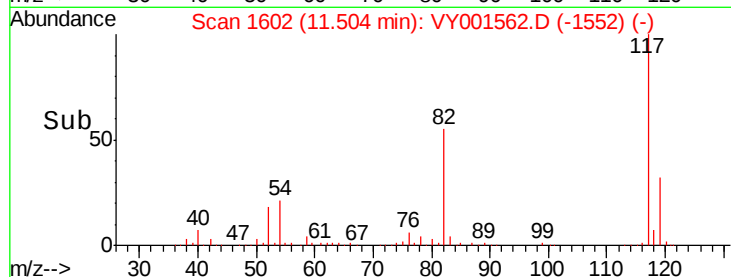
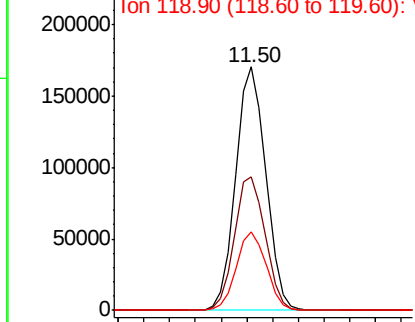
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001562.D
Acq: 07 Feb 2020 18:15

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 275690
Ion Ratio Lower Upper
117 100
82 55.1 46.1 69.1
119 32.2 26.1 39.1

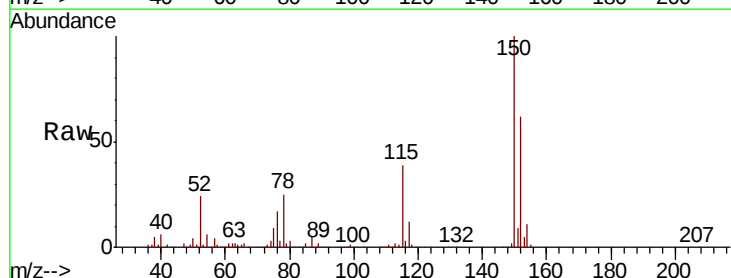


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

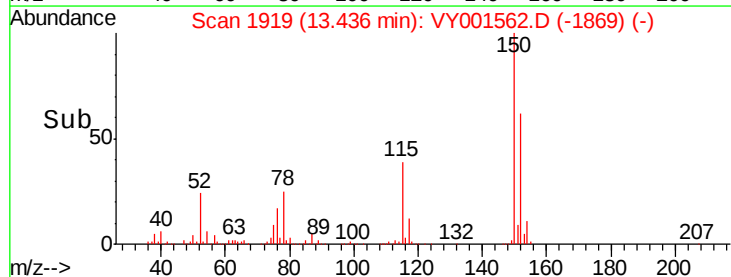
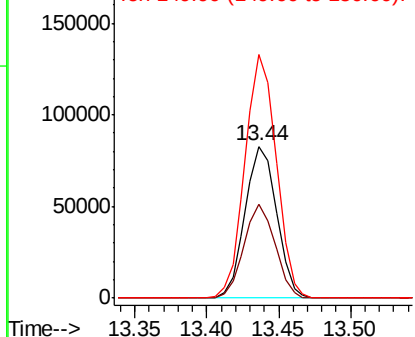


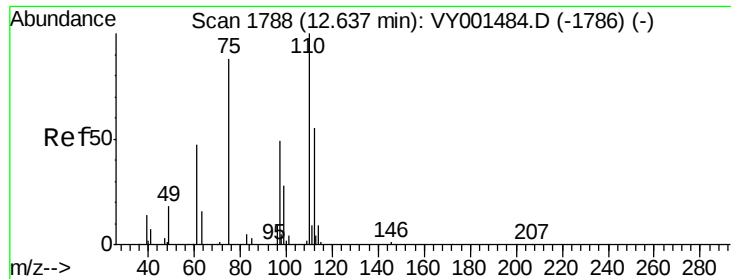
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001562.D
Acq: 07 Feb 2020 18:15

Tgt Ion:152 Resp: 125684
Ion Ratio Lower Upper
152 100
115 61.0 31.4 94.3
150 159.1 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

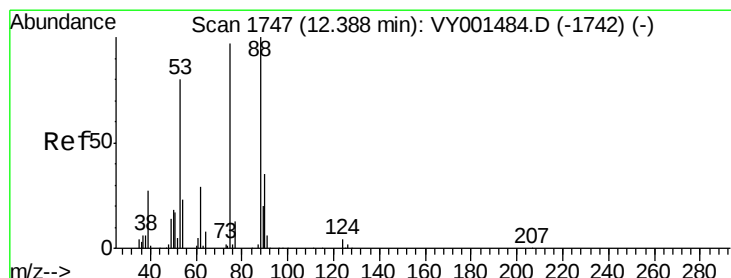
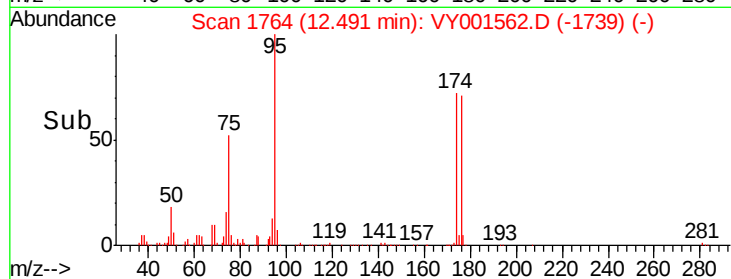
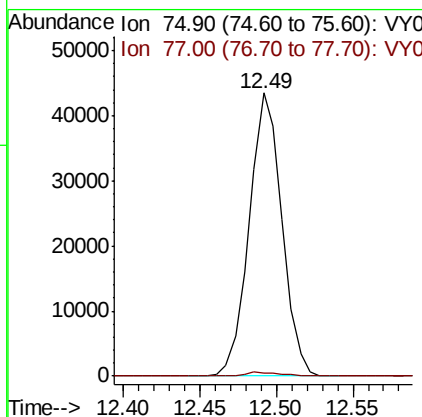
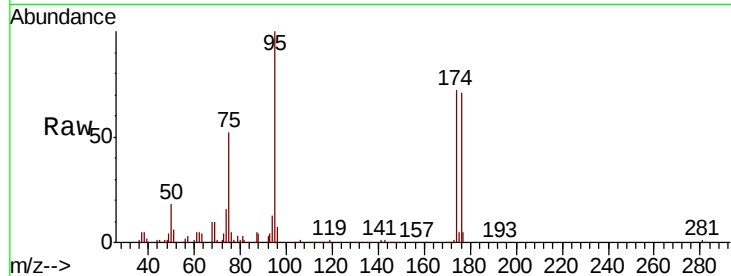




#76
 1,2,3-Trichloropropane
 Concen: 47.796 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.15 min
 Lab File: VY001562.D
 Acq: 07 Feb 2020 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 64601
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.482 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001562.D
 Acq: 07 Feb 2020 18:15

Tgt Ion: 75 Resp: 64601
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.7 101.5#
 89 0.1 34.6 52.0#

