

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001568.D
 Acq On : 07 Feb 2020 20:28
 Operator : SY/MD
 Sample : L1403-17
 Misc : 5.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 08 01:28:53 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	171228	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	304468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	268848	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	121438	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	101267	58.74	ug/l	0.00
Spiked Amount			Recovery	=	117.48%	
35) Dibromofluoromethane	7.75	113	87443	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
50) Toluene-d8	10.20	98	365654	55.05	ug/l	0.01
Spiked Amount			Recovery	=	110.10%	
62) 4-Bromofluorobenzene	12.50	95	123783	47.30	ug/l	0.01
Spiked Amount			Recovery	=	94.60%	

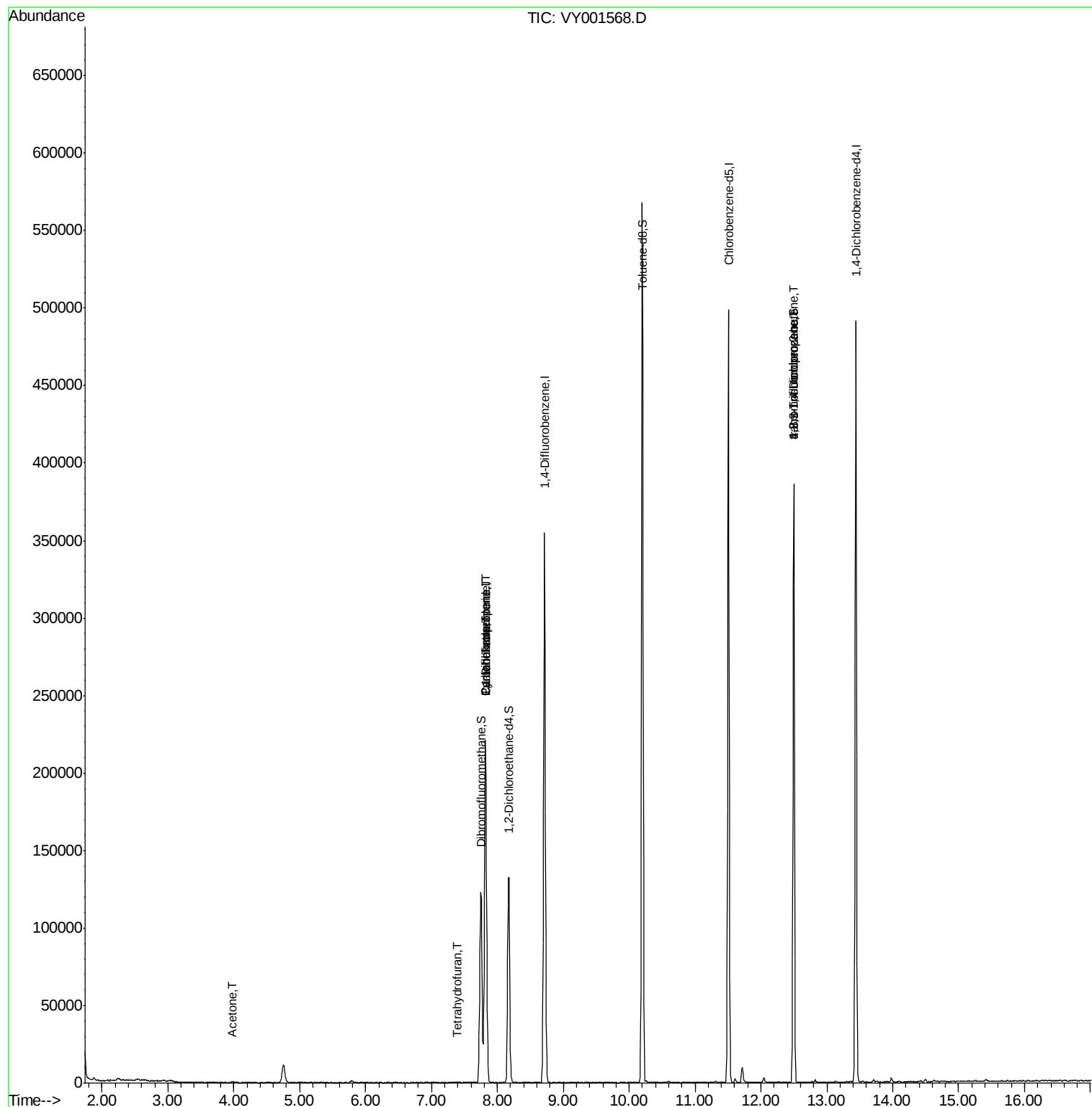
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.98	59	56	Below Cal	#	76
16) Acetone	3.97	43	588	1.179	ug/l	95
20) Methylene Chloride	4.75	84	8717	Below Cal		94
29) Tetrahydrofuran	7.38	42	483	1.246	ug/l #	51
31) Cyclohexane	7.82	56	3699	1.102	ug/l #	5
36) 1,1-Dichloropropene	7.82	75	13509	4.850	ug/l #	49
38) Carbon Tetrachloride	7.82	117	16802	6.235	ug/l #	17
76) 1,2,3-Trichloropropane	12.50	75	61647	47.205	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	61647	91.339	ug/l #	16

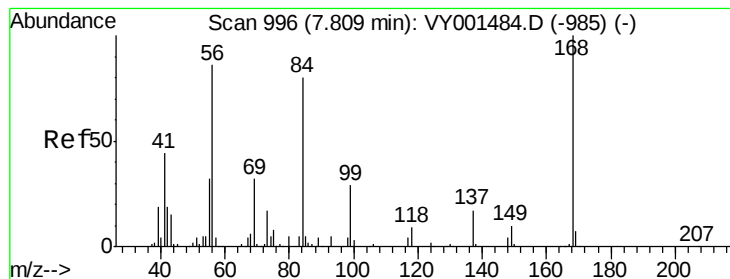
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 998

Delta R.T. 0.01 min

Lab File: VY001568.D

Acq: 07 Feb 2020 20:28

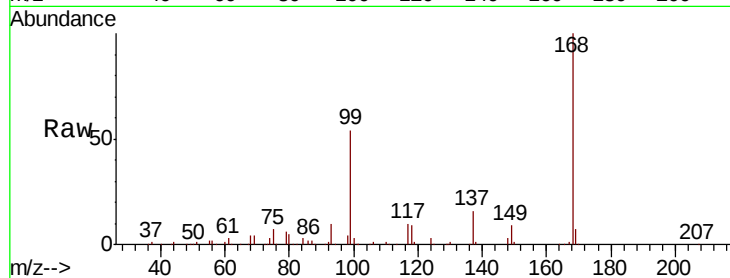
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 171228

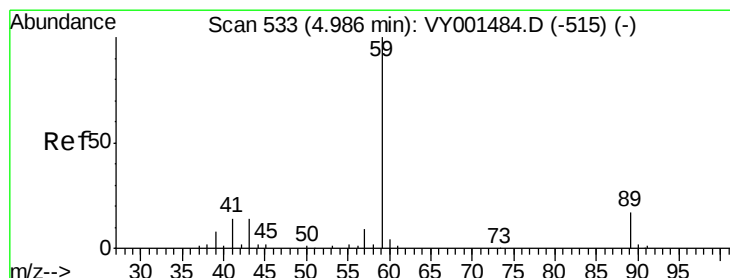
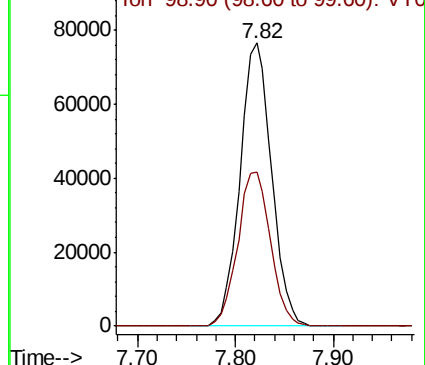
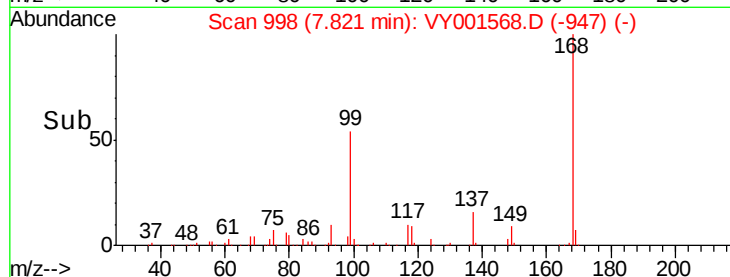
Ion Ratio Lower Upper

168 100

99 54.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001568.D (-947) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.98 min Scan# 532

Delta R.T. -0.01 min

Lab File: VY001568.D

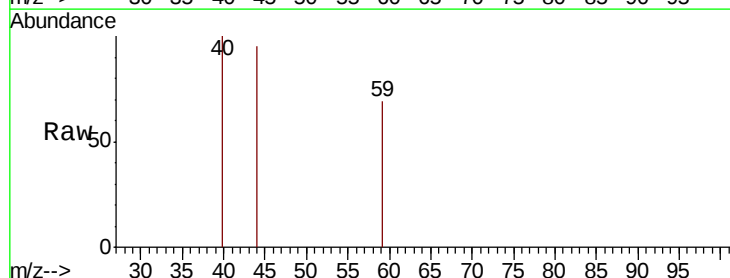
Acq: 07 Feb 2020 20:28

Tgt Ion: 59 Resp: 56

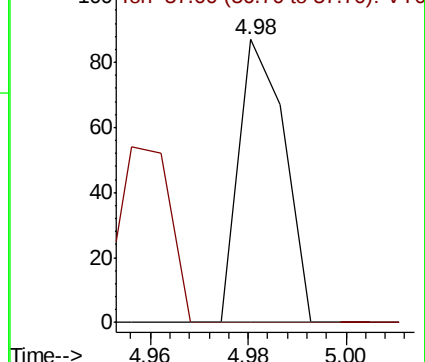
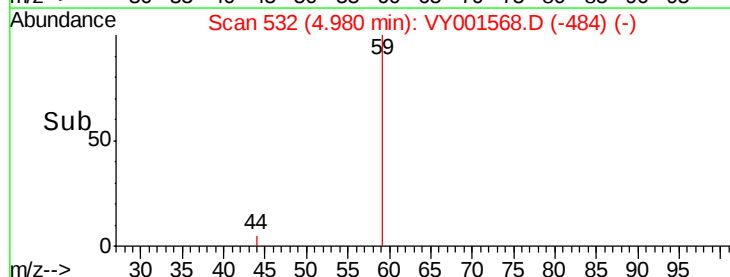
Ion Ratio Lower Upper

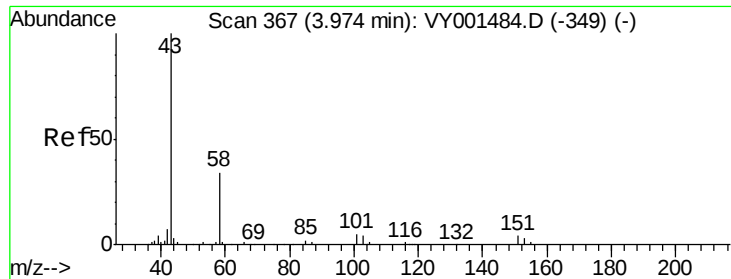
59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001568.D (-484) (-)

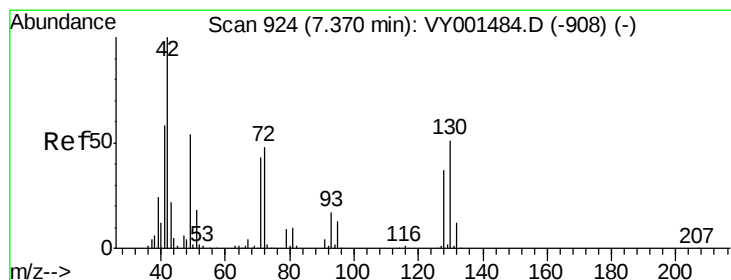
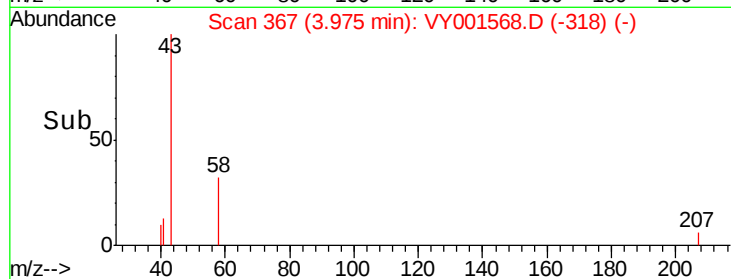
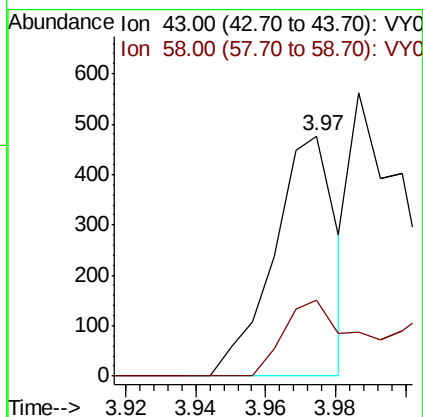
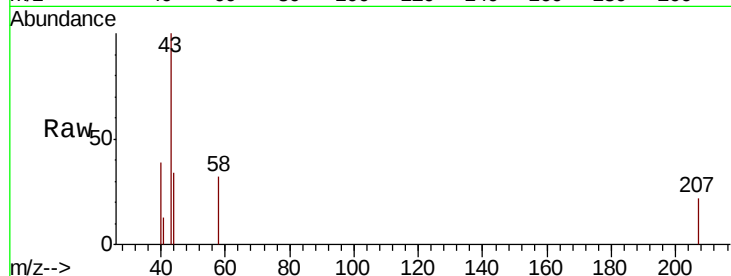




#16
Acetone
Concen: 1.179 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VY001568.D
Acq: 07 Feb 2020 20:28

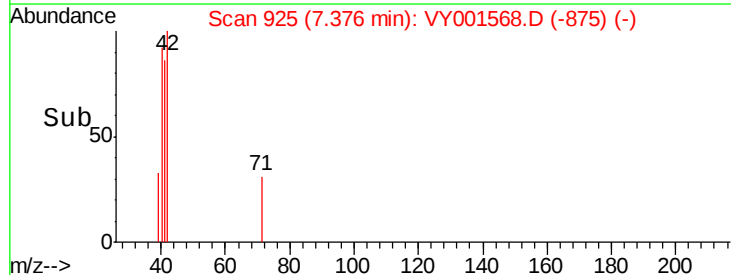
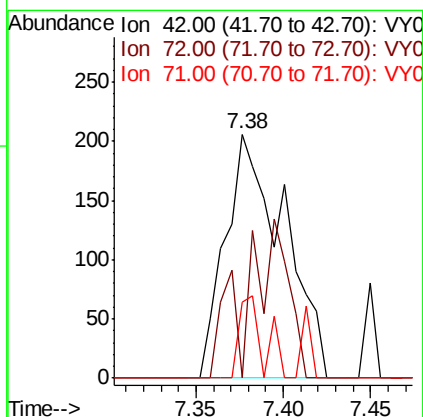
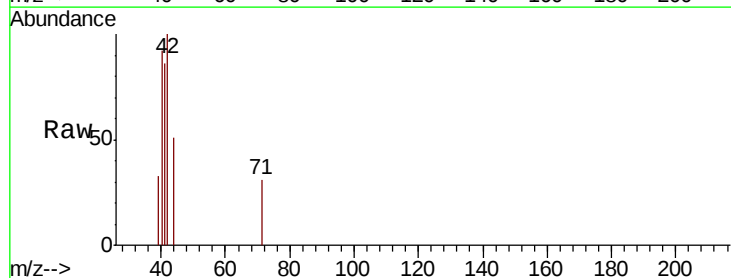
Instrument :
MSVOA_Y
ClientSampled :

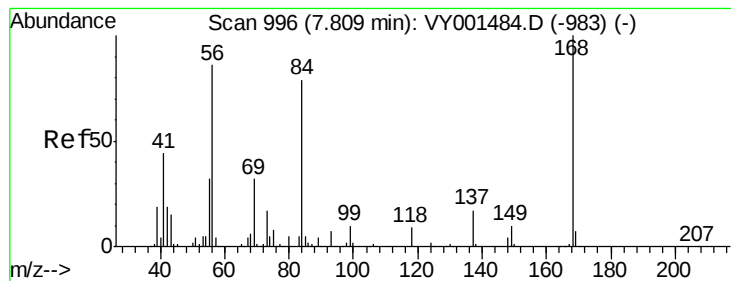
Tot Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
58 31.5 27.5 41.3



#29
Tetrahydrofuran
Concen: 1.246 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY001568.D
Acq: 07 Feb 2020 20:28

Tgt Ion: 42 Resp: 483
Ion Ratio Lower Upper
42 100
72 11.8 37.8 56.6#
71 14.1 34.8 52.2#





#31

Cyclohexane

Concen: 1.102 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001568.D

Acq: 07 Feb 2020 20:28

Instrument :
MSVOA_Y
ClientSampleId :

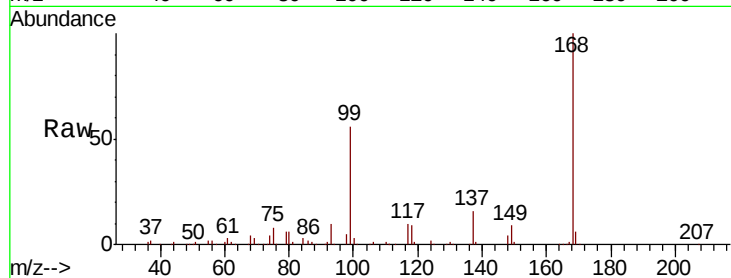
Tot Ion: 56 Resp: 3699

Ion Ratio Lower Upper

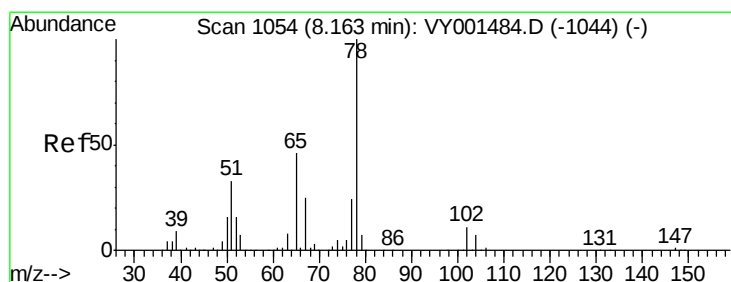
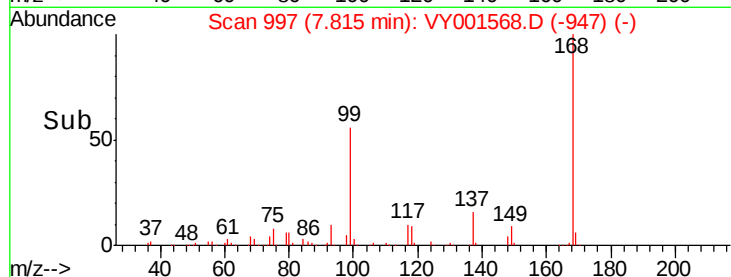
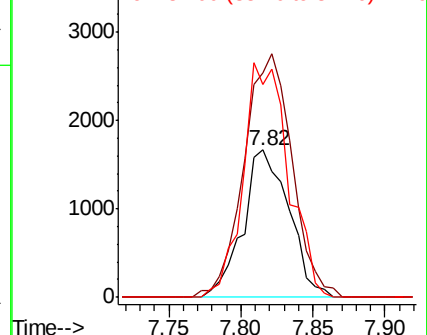
56 100

69 151.9 29.6 44.4#

84 144.6 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: 58.739 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001568.D

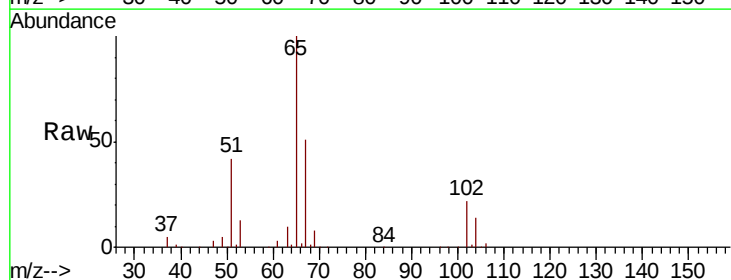
Acq: 07 Feb 2020 20:28

Tgt Ion: 65 Resp: 101267

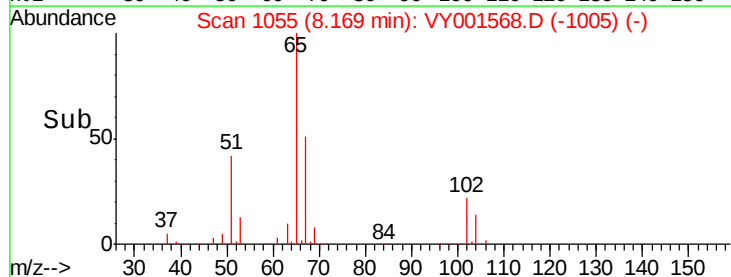
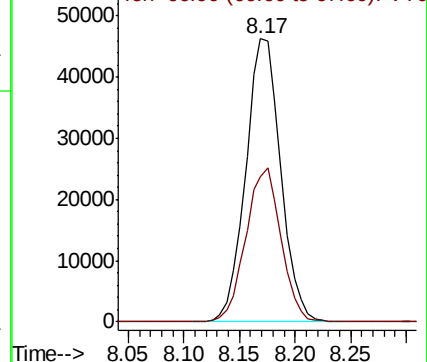
Ion Ratio Lower Upper

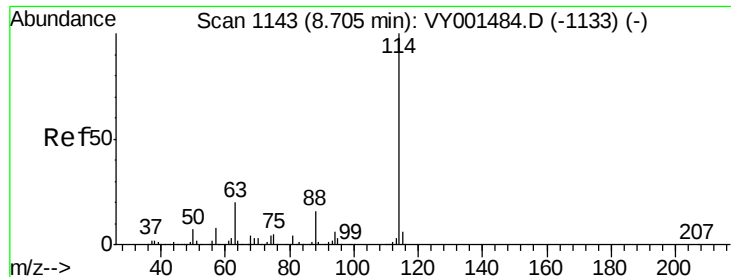
65 100

67 54.7 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

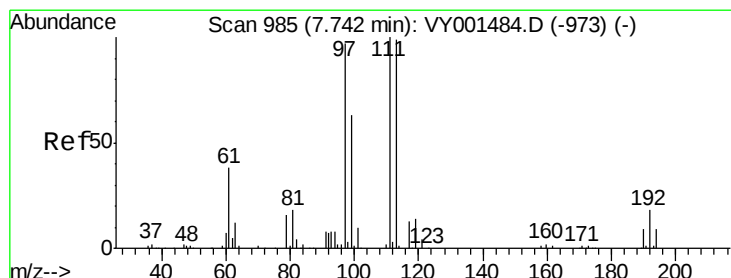
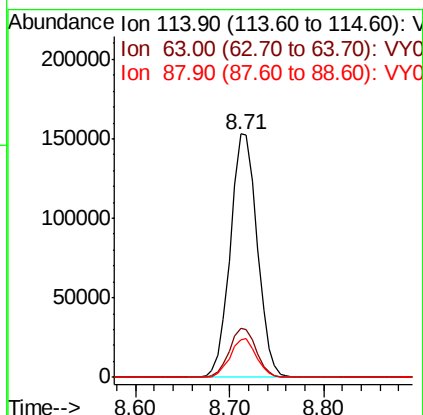
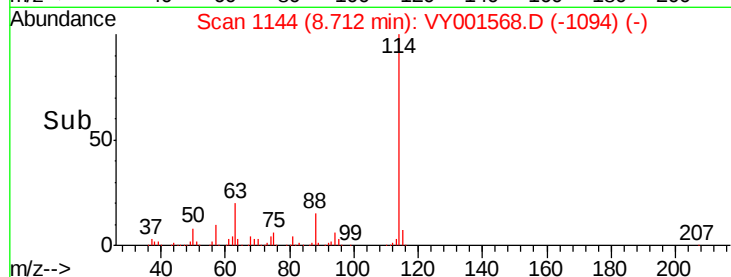
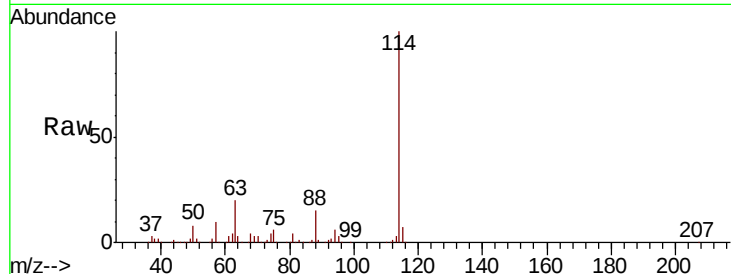




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VY001568.D
Acq: 07 Feb 2020 20:28

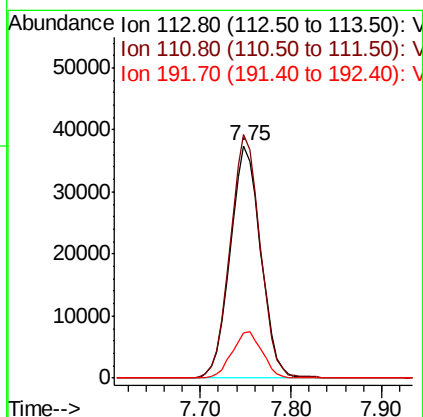
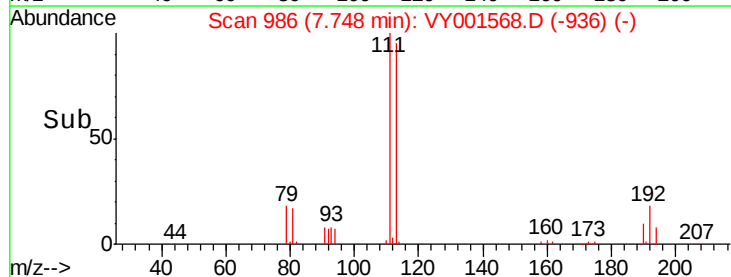
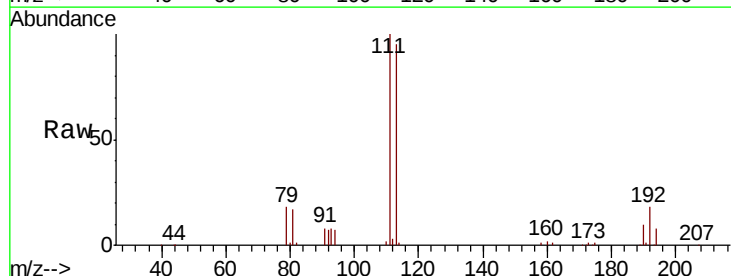
Instrument :
MSVOA_Y
ClientSampleId :

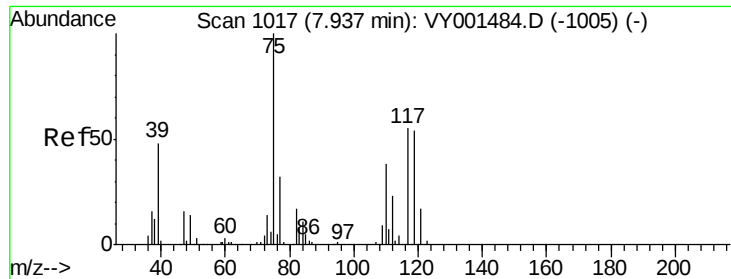
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.8
88	15.3	0.0	32.6



#35
Dibromofluoromethane
Concen: 49.805 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.01 min
Lab File: VY001568.D
Acq: 07 Feb 2020 20:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	19.8	14.6	22.0

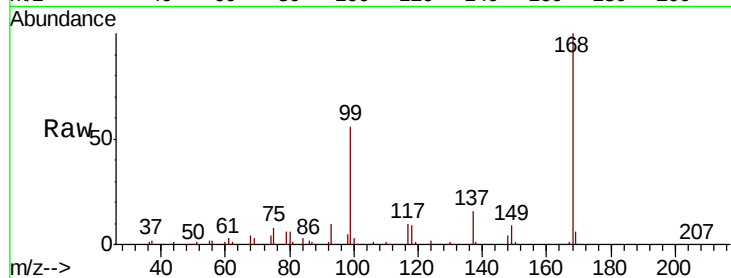




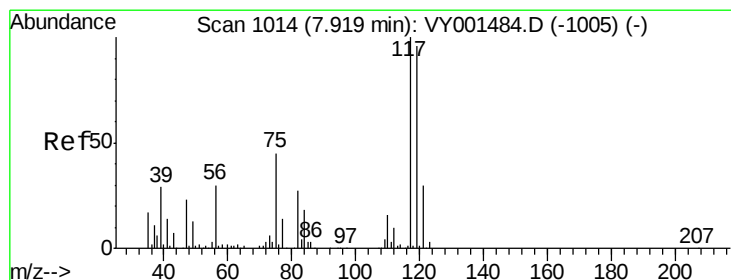
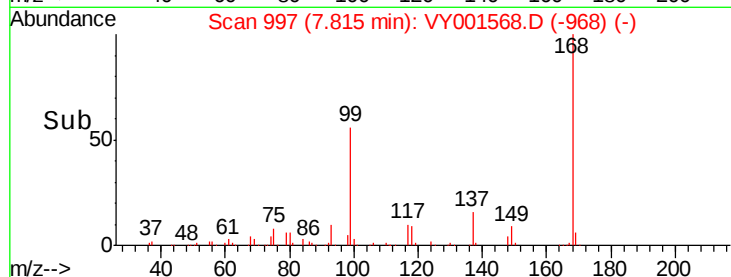
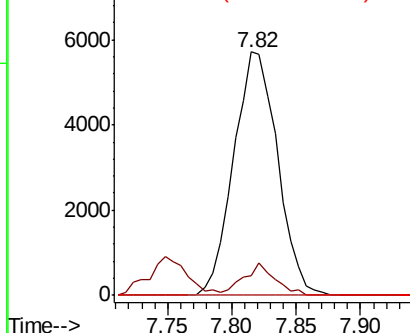
#36
 1,1-Dichloropropene
 Concen: 4.850 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY001568.D
 Acq: 07 Feb 2020 20:28

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.2	54.6#
77	0.0	25.0	37.4#

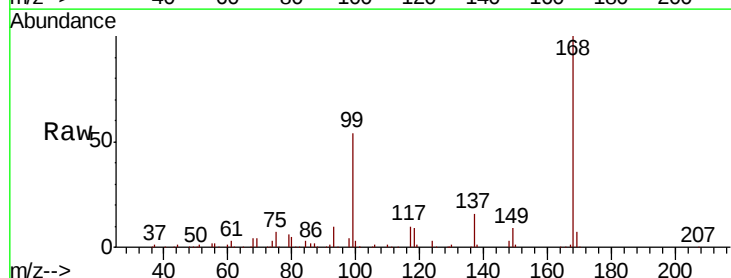


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

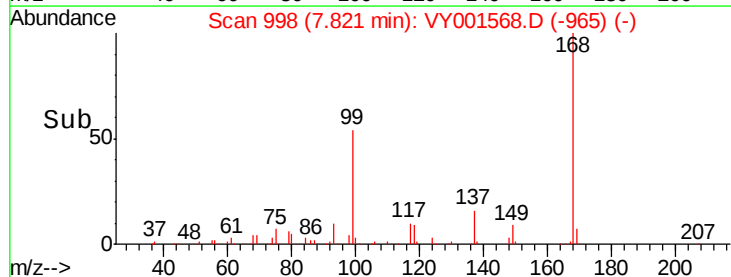
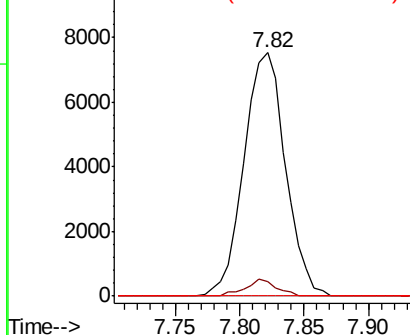


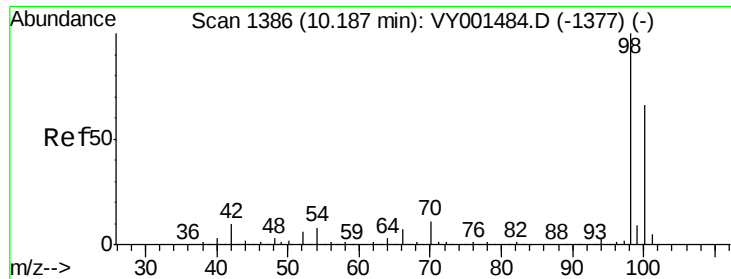
#38
 Carbon Tetrachloride
 Concen: 6.235 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY001568.D
 Acq: 07 Feb 2020 20:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.4	114.6#
121	0.0	24.2	36.4#



Abundance Ion 116.80 (116.50 to 117.50): VY0
 Ion 118.80 (118.50 to 119.50): VY0
 Ion 120.80 (120.50 to 121.50): VY0





#50

Toluene-d8

Concen: 55.047 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001568.D

Acq: 07 Feb 2020 20:28

Instrument :

MSVOA_Y

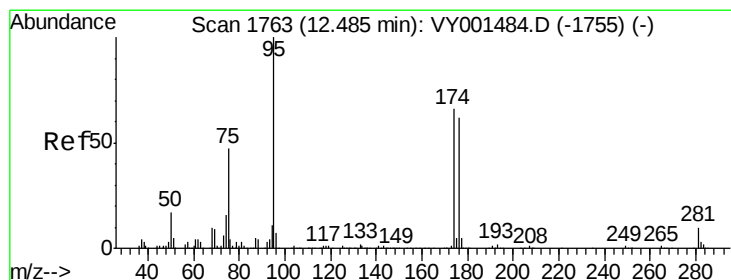
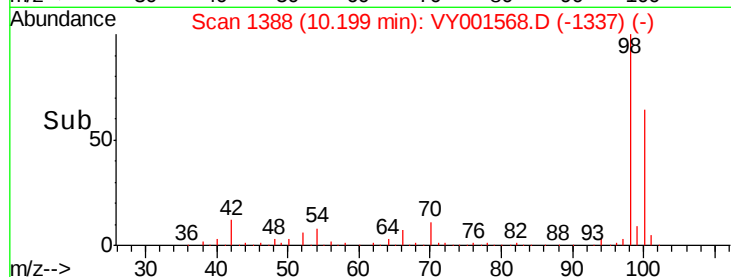
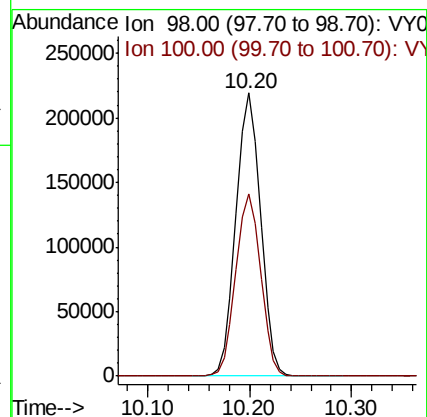
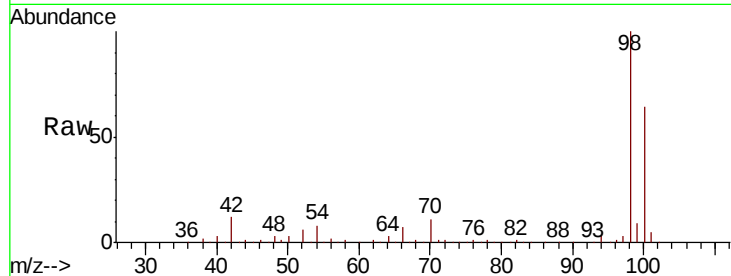
ClientSampleId :

Tot Ion: 98 Resp: 365654

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 47.303 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001568.D

Acq: 07 Feb 2020 20:28

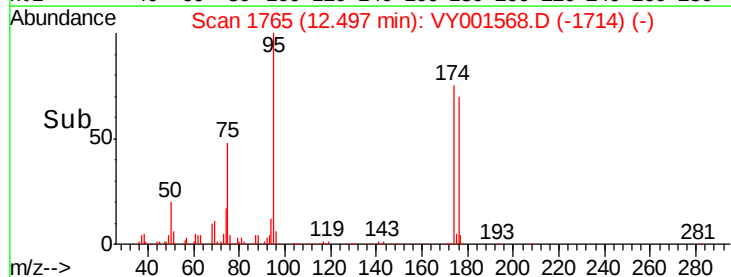
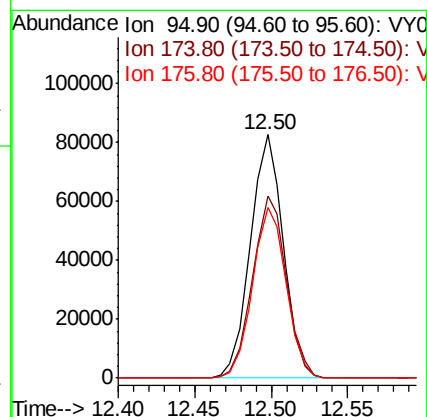
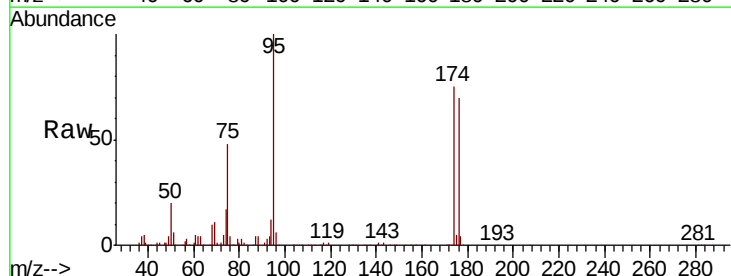
Tgt Ion: 95 Resp: 123783

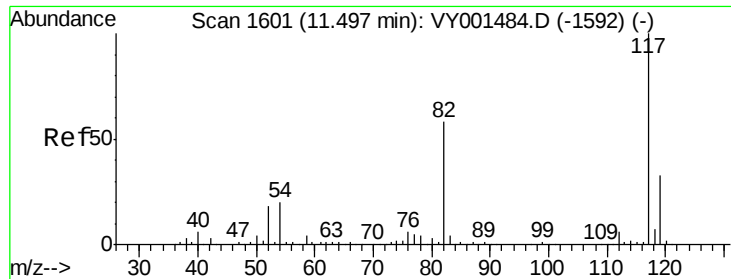
Ion Ratio Lower Upper

95 100

174 76.7 0.0 141.4

176 71.7 0.0 135.4

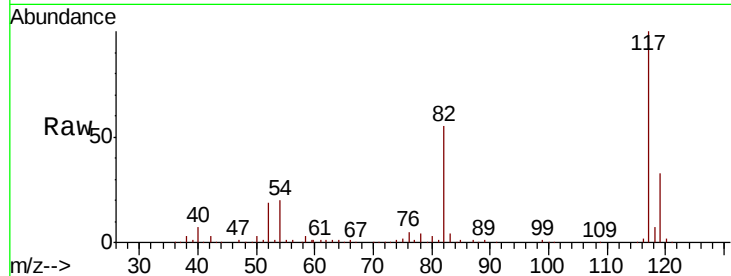




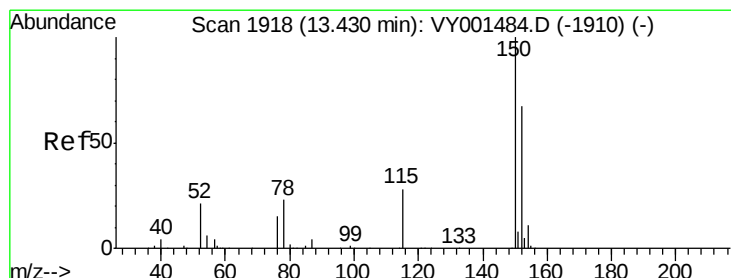
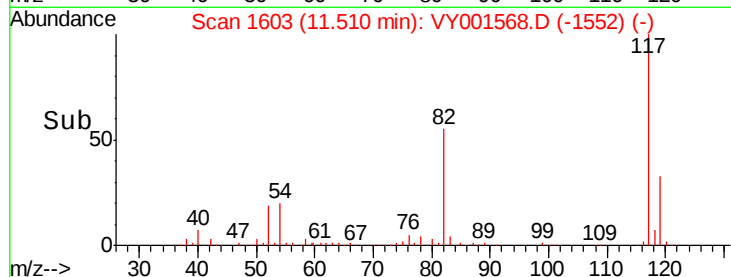
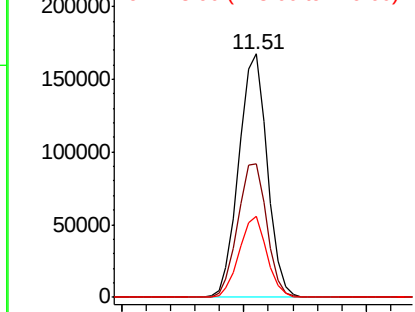
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001568.D
Acq: 07 Feb 2020 20:28

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 268848
Ion Ratio Lower Upper
117 100
82 54.7 46.1 69.1
119 33.1 26.1 39.1

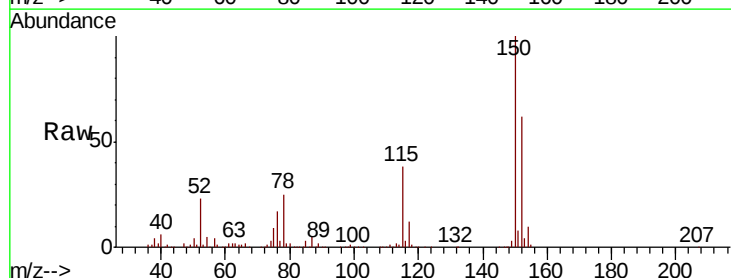


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

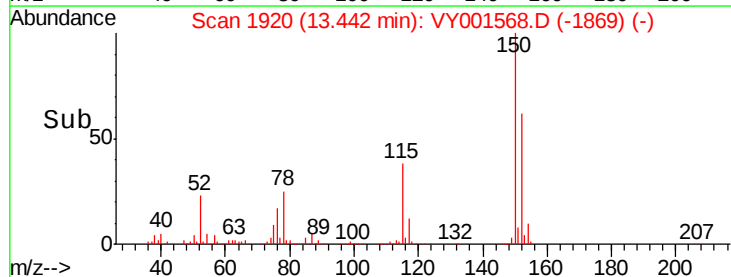
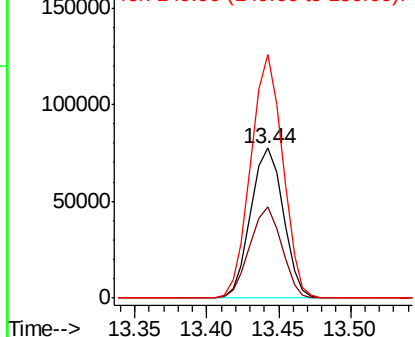


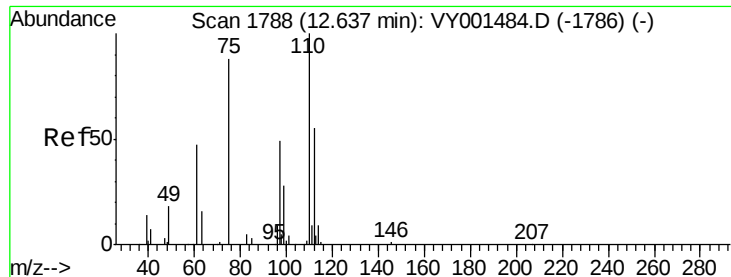
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001568.D
Acq: 07 Feb 2020 20:28

Tgt Ion:152 Resp: 121438
Ion Ratio Lower Upper
152 100
115 59.8 31.4 94.3
150 158.7 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: 47.205 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.14 min

Lab File: VY001568.D

Acq: 07 Feb 2020 20:28

Instrument :

MSVOA_Y

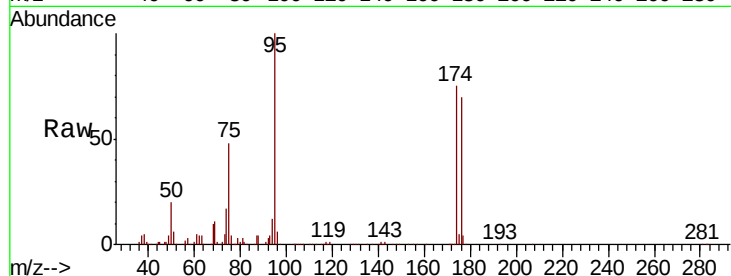
ClientSampleId :

Tot Ion: 75 Resp: 61647

Ion Ratio Lower Upper

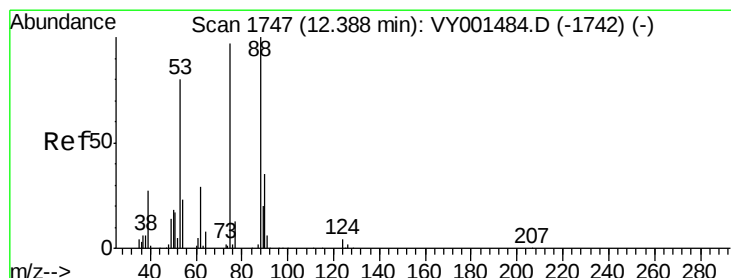
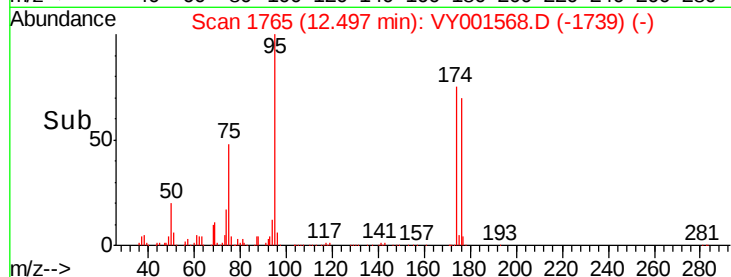
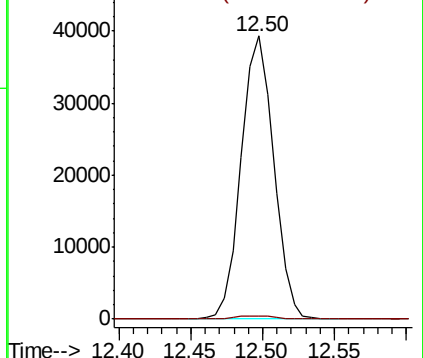
75 100

77 1.2 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: 91.339 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.11 min

Lab File: VY001568.D

Acq: 07 Feb 2020 20:28

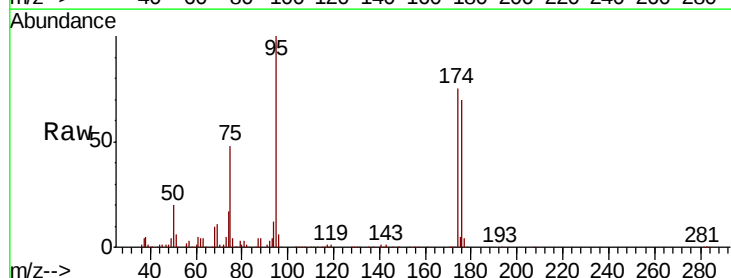
Tgt Ion: 75 Resp: 61647

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

