

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020520\
 Data File : VY001503.D
 Acq On : 05 Feb 2020 13:51
 Operator : SY/MD
 Sample : L1360-01
 Misc : 15.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Feb 05 14:18:16 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	177983	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	334678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	312492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	149017	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	114463	63.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.74%	
35) Dibromofluoromethane	7.75	113	103434	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
50) Toluene-d8	10.19	98	404011	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	
62) 4-Bromofluorobenzene	12.49	95	162439	56.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.94%	

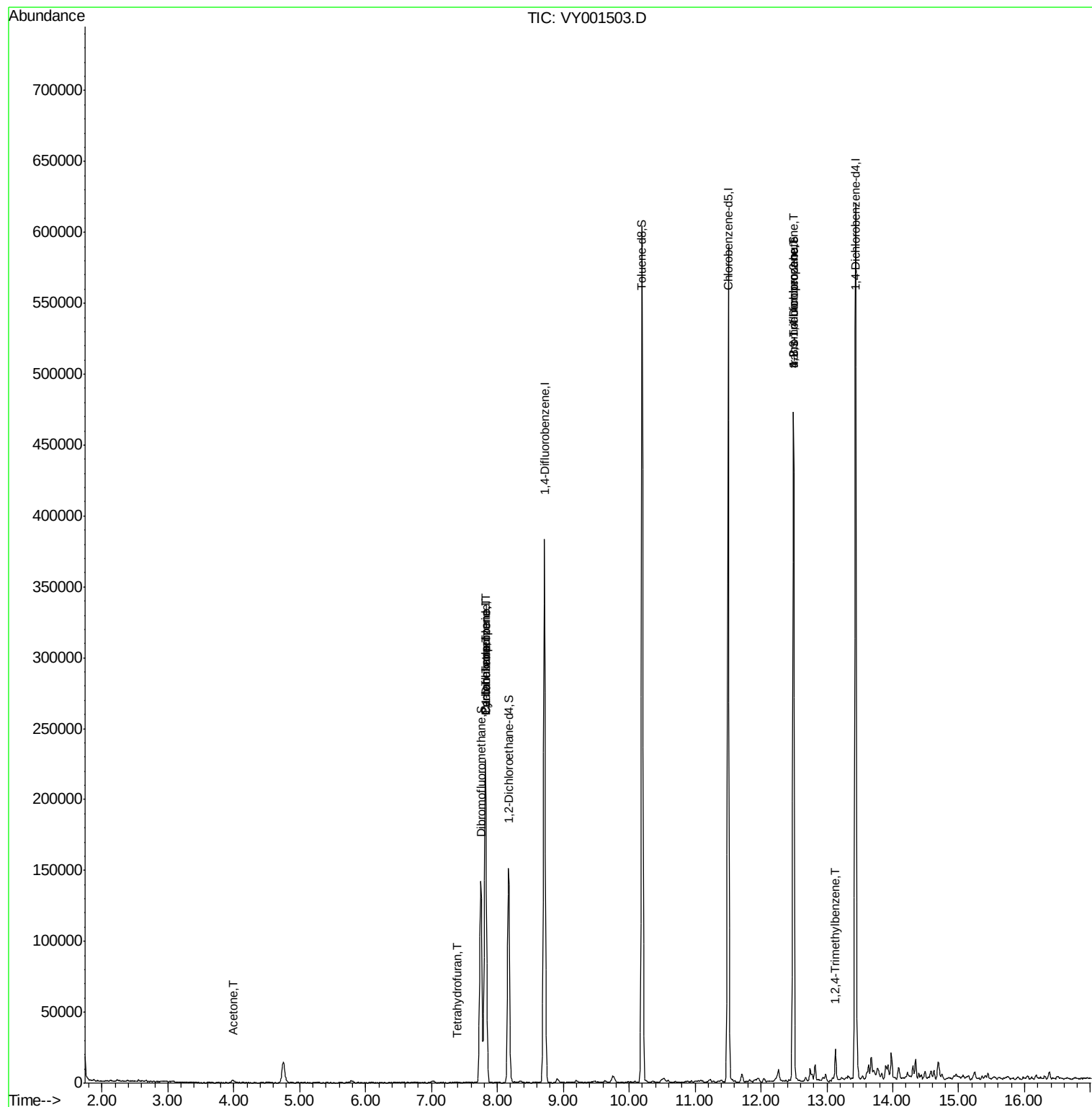
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.96	59	229	Below Cal	#	76
16) Acetone	3.98	43	3395	6.55	ug/l	96
29) Tetrahydrofuran	7.39	42	448	1.11	ug/l	# 48
31) Cyclohexane	7.82	56	4005	1.15	ug/l	# 1
36) 1,1-Dichloropropene	7.82	75	15035	4.91	ug/l	# 48
38) Carbon Tetrachloride	7.82	117	18266	6.17	ug/l	# 16
76) 1,2,3-Trichloropropane	12.49	75	79037	49.32	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	79037	95.43	ug/l	# 16
84) 1,2,4-Trimethylbenzene	13.13	105	11617	1.23	ug/l	97

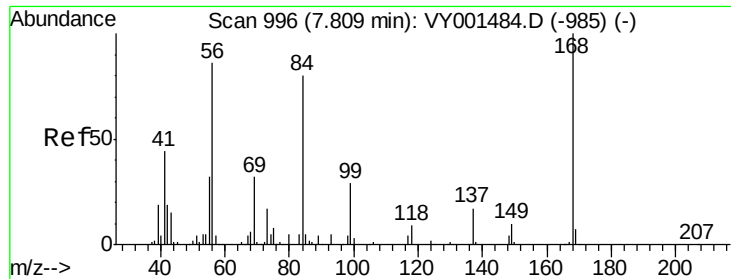
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001503.D

Acq: 05 Feb 2020 13:51

Instrument :

MSVOA_Y

ClientSampled :

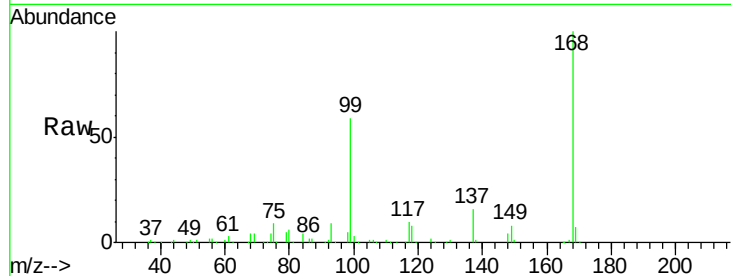
TP-1

Tgt Ion: 168 Resp: 177983

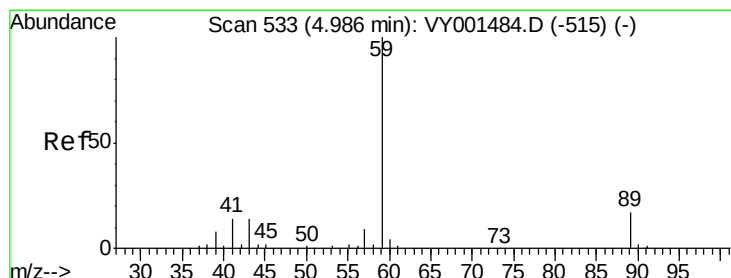
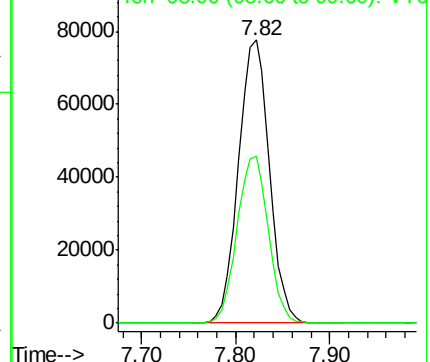
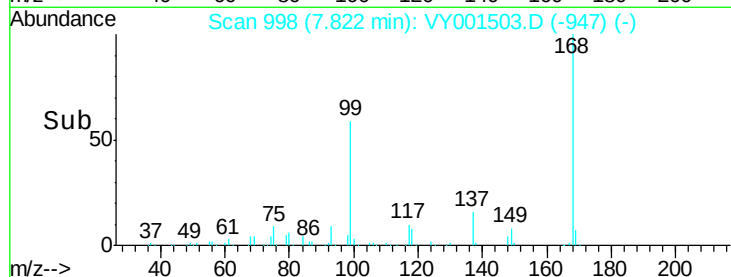
Ion Ratio Lower Upper

168 100

99 58.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001503.D (-947) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 529

Delta R.T. -0.02 min

Lab File: VY001503.D

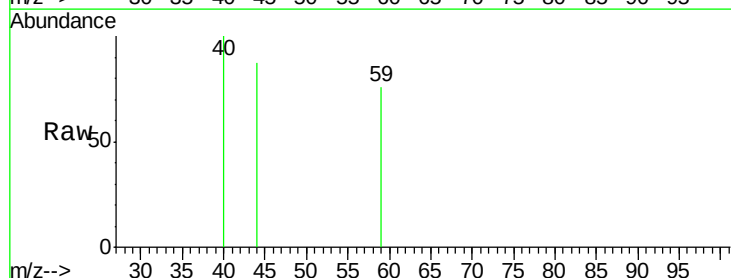
Acq: 05 Feb 2020 13:51

Tgt Ion: 59 Resp: 229

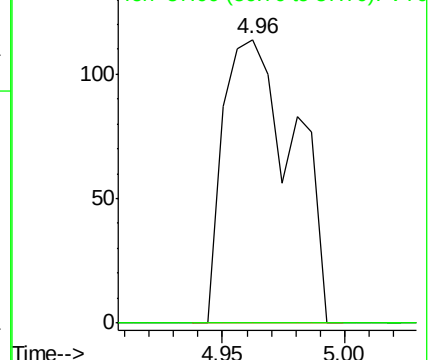
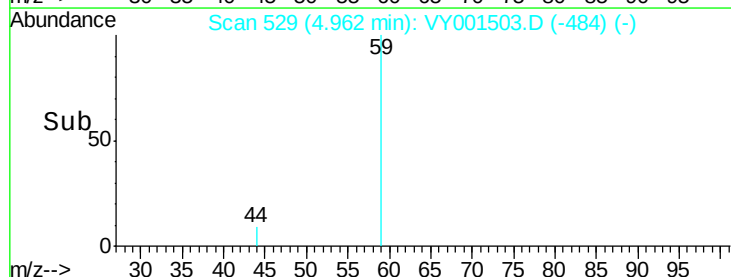
Ion Ratio Lower Upper

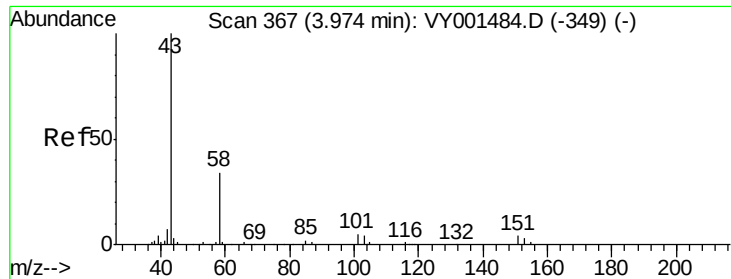
59 100

57 0.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001503.D (-484) (-)

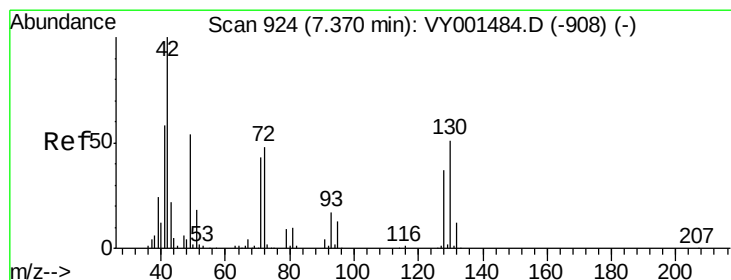
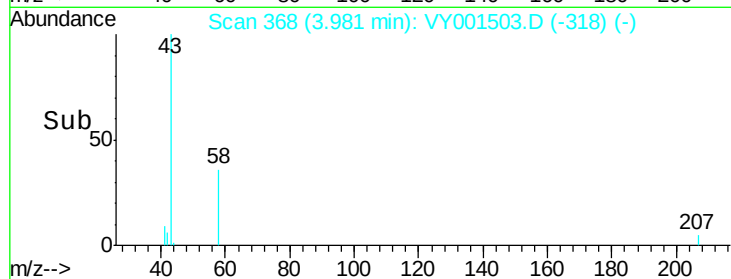
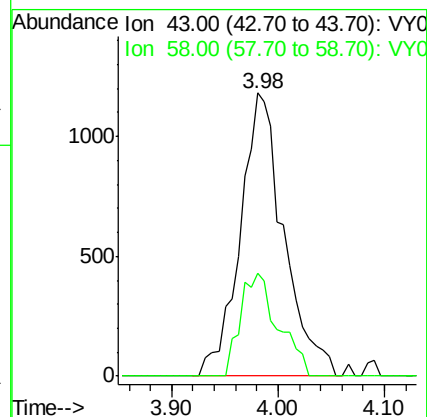
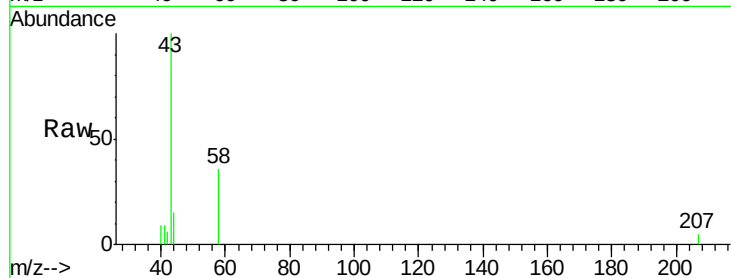




#16
Acetone
Concen: 6.55 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.01 min
Lab File: VY001503.D
Acq: 05 Feb 2020 13:51

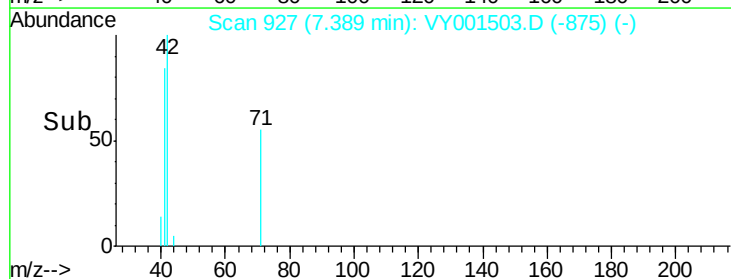
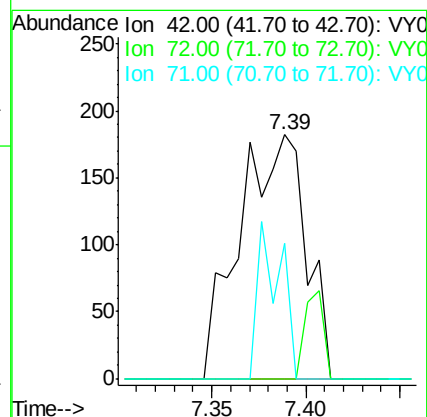
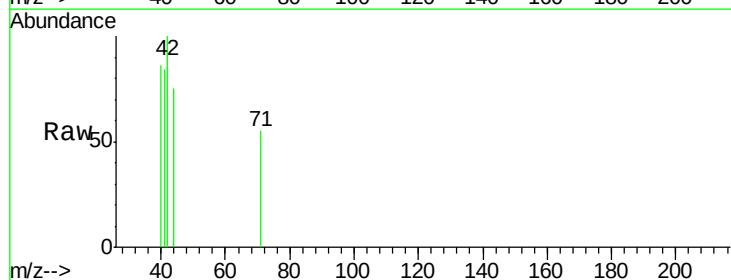
Instrument :
MSVOA_Y
ClientSampled :
TP-1

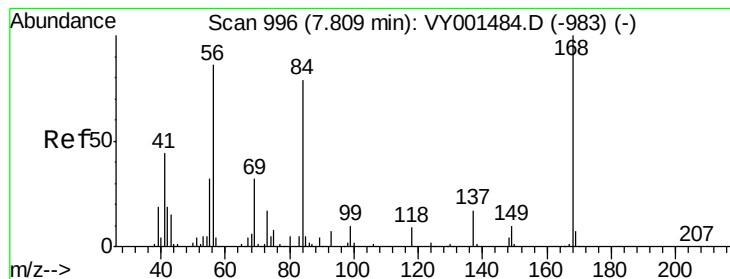
Tgt Ion: 43 Resp: 3395
Ion Ratio Lower Upper
43 100
58 36.5 27.5 41.3



#29
Tetrahydrofuran
Concen: 1.11 ug/l
RT: 7.39 min Scan# 927
Delta R.T. 0.02 min
Lab File: VY001503.D
Acq: 05 Feb 2020 13:51

Tgt Ion: 42 Resp: 448
Ion Ratio Lower Upper
42 100
72 0.0 37.8 56.6#
71 22.3 34.8 52.2#





#31

Cyclohexane

Concen: 1.15 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001503.D

Acq: 05 Feb 2020 13:51

Instrument :

MSVOA_Y

ClientSampled :

TP-1

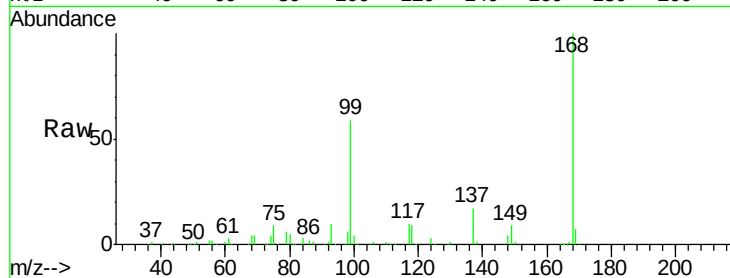
Tgt Ion: 56 Resp: 4005

Ion Ratio Lower Upper

56 100

69 167.8 29.6 44.4#

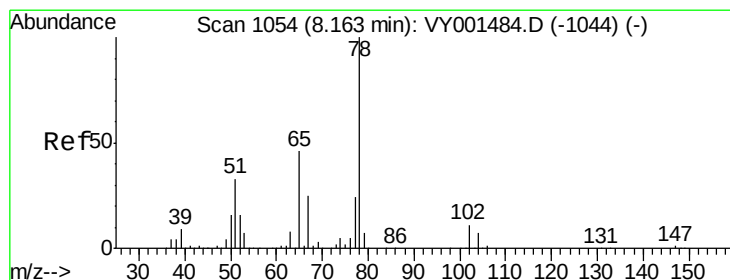
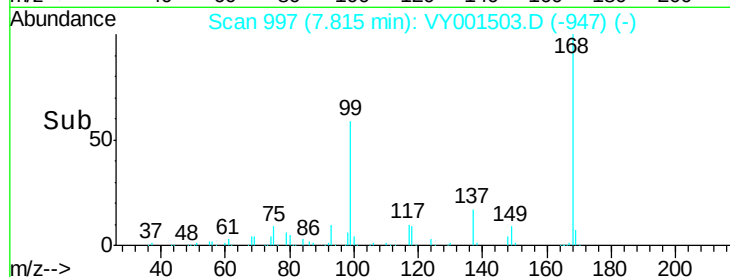
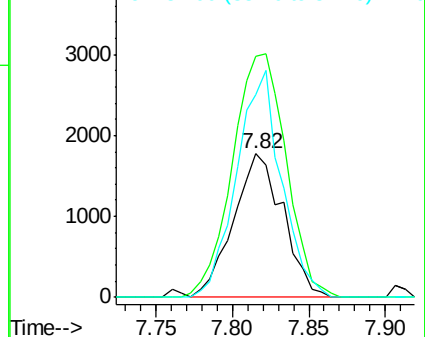
84 141.1 73.6 110.4#



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: 63.87 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001503.D

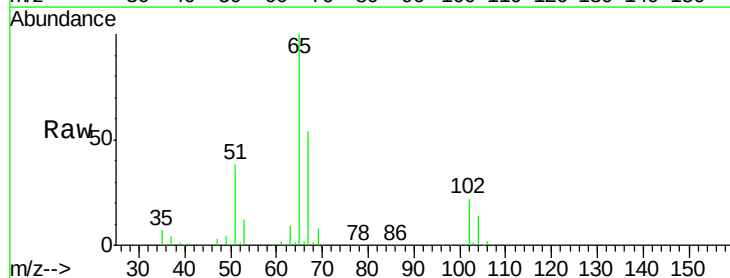
Acq: 05 Feb 2020 13:51

Tgt Ion: 65 Resp: 114463

Ion Ratio Lower Upper

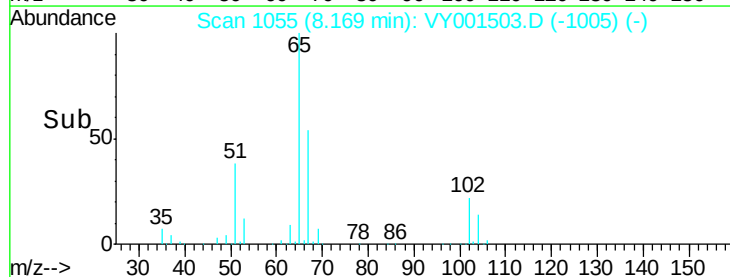
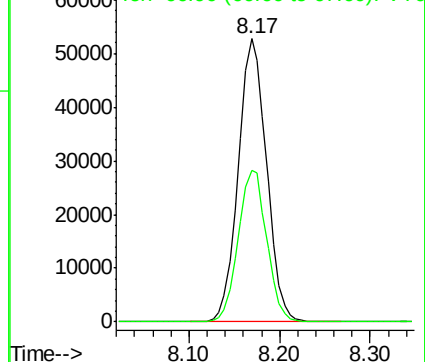
65 100

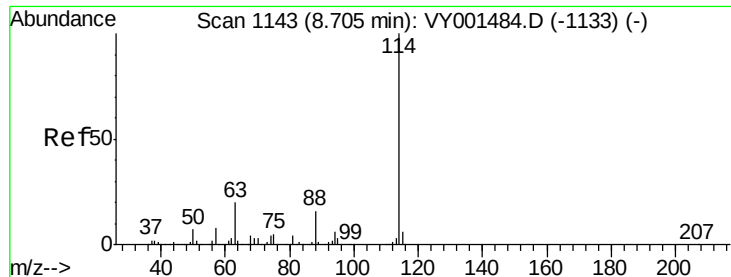
67 54.0 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001503.D

Acq: 05 Feb 2020 13:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

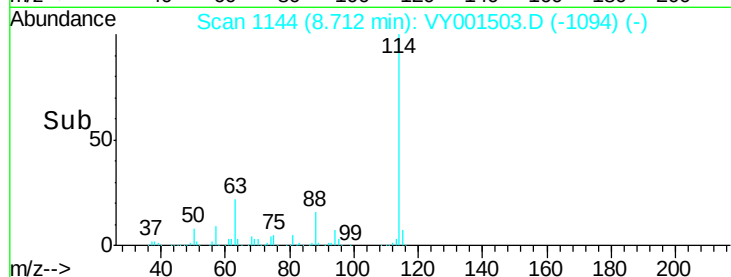
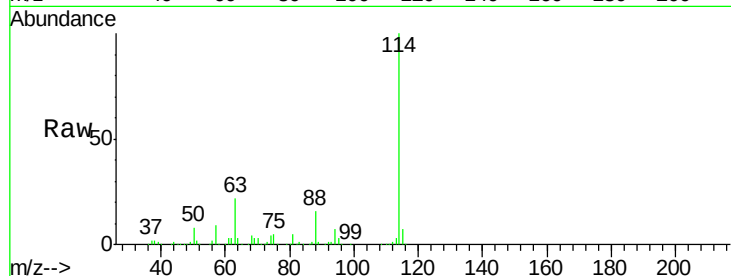
Tgt Ion:114 Resp: 334678

Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.8

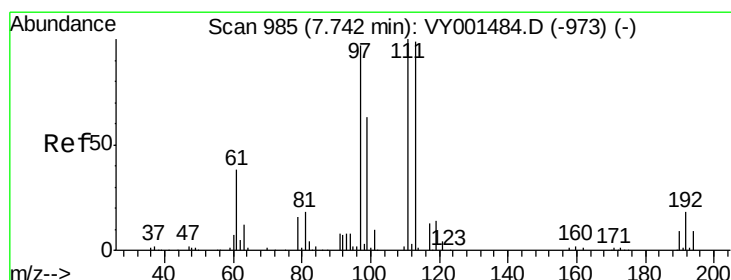
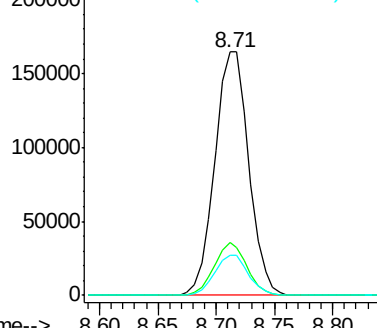
88 16.4 0.0 32.6



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: 53.60 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001503.D

Acq: 05 Feb 2020 13:51

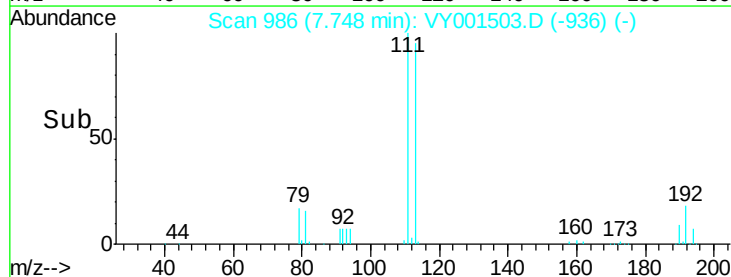
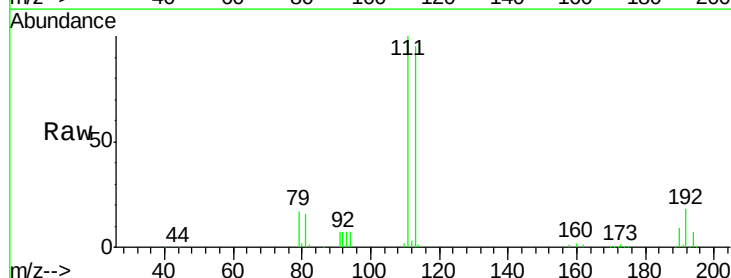
Tgt Ion:113 Resp: 103434

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

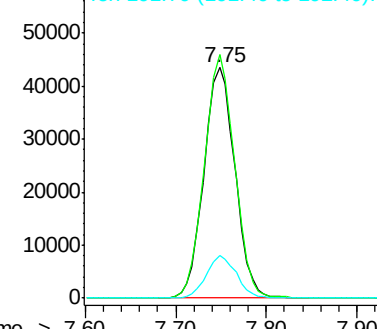
192 17.9 14.6 22.0

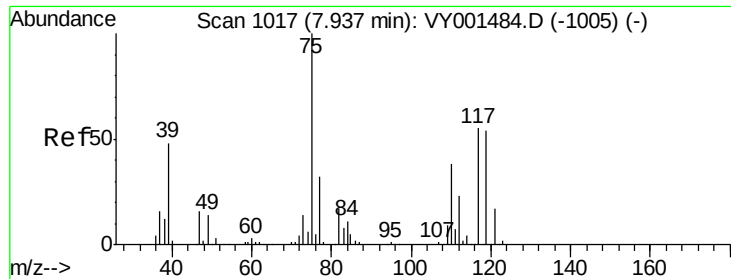


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

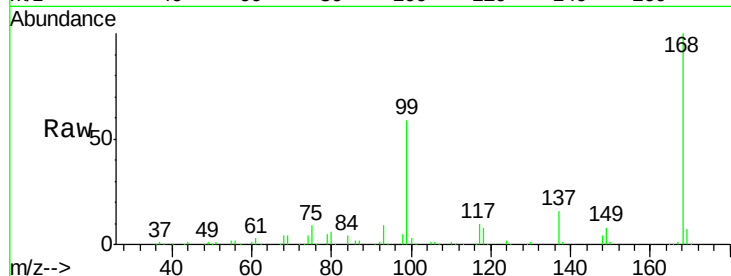




#36
 1,1-Dichloropropene
 Concen: 4.91 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001503.D
 Acq: 05 Feb 2020 13:51

Instrument :
 MSVOA_Y
 ClientSampled :
 TP-1

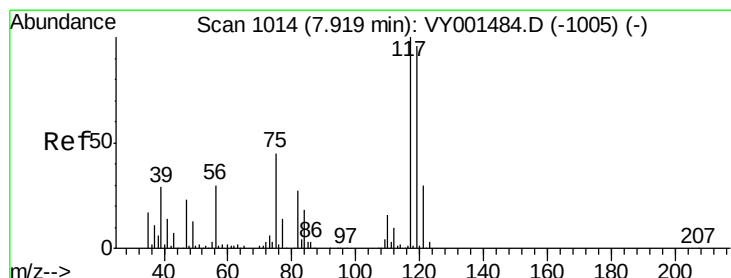
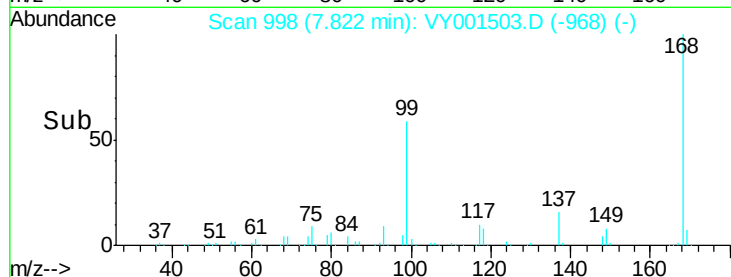
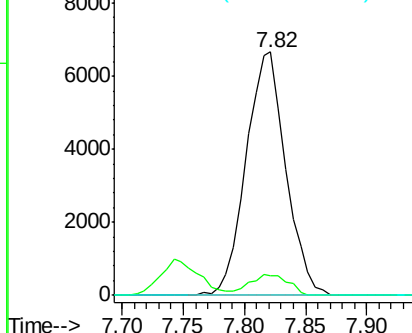
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.2	54.6#
77	0.0	25.0	37.4#



Abundance Ion 74.90 (74.60 to 75.60): VY001503.D (-968) (-)

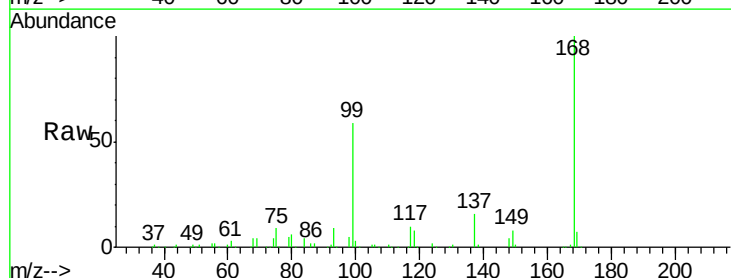
Ion 109.90 (109.60 to 110.60): VY001503.D (-968) (-)

Ion 76.90 (76.60 to 77.60): VY001503.D (-968) (-)



#38
 Carbon Tetrachloride
 Concen: 6.17 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY001503.D
 Acq: 05 Feb 2020 13:51

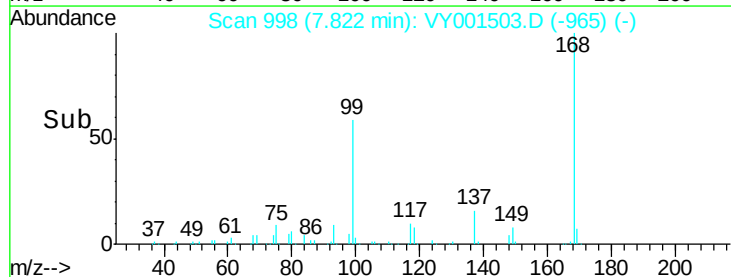
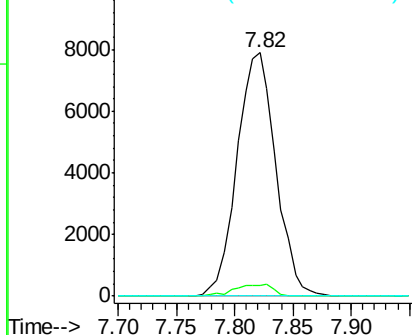
Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.4	114.6#
121	0.0	24.2	36.4#

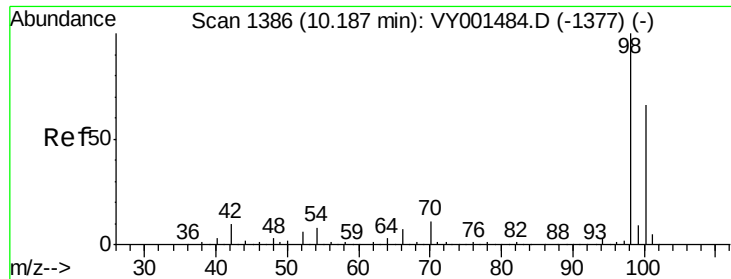


Abundance Ion 116.80 (116.50 to 117.50): VY001503.D (-965) (-)

Ion 118.80 (118.50 to 119.50): VY001503.D (-965) (-)

Ion 120.80 (120.50 to 121.50): VY001503.D (-965) (-)





#50

Toluene-d8

Concen: 55.33 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001503.D

Acq: 05 Feb 2020 13:51

Instrument :

MSVOA_Y

ClientSampled :

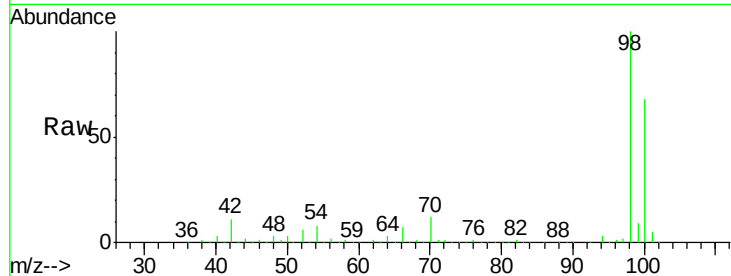
TP-1

Tgt Ion: 98 Resp: 404011

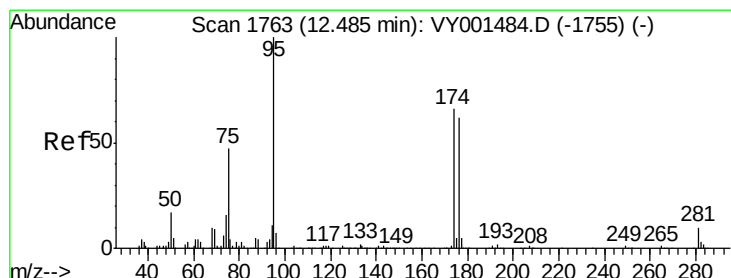
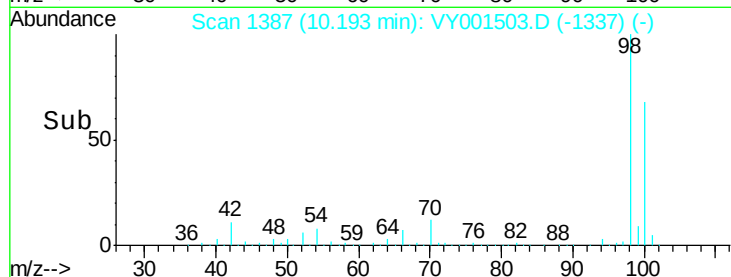
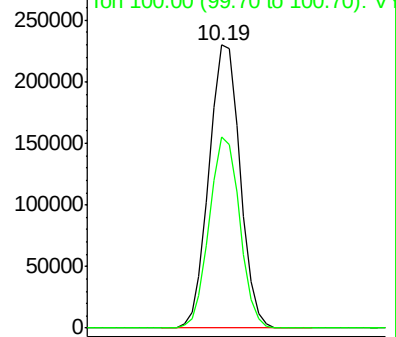
Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.6



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



#62

4-Bromofluorobenzene

Concen: 56.47 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001503.D

Acq: 05 Feb 2020 13:51

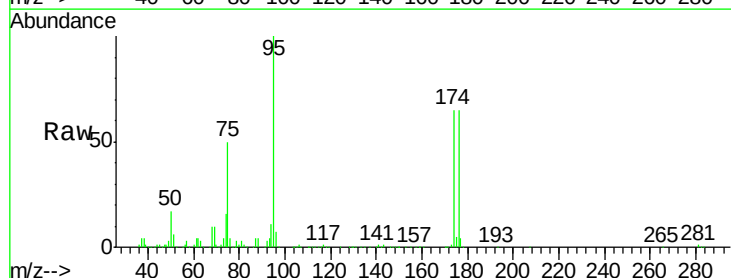
Tgt Ion: 95 Resp: 162439

Ion Ratio Lower Upper

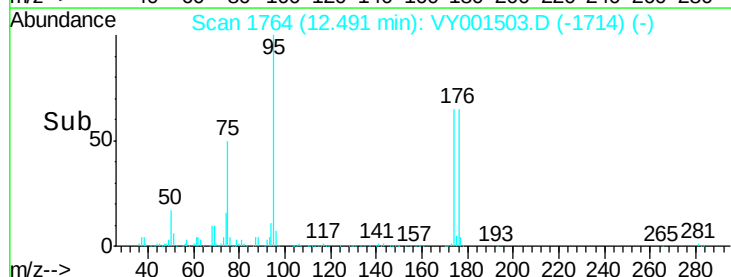
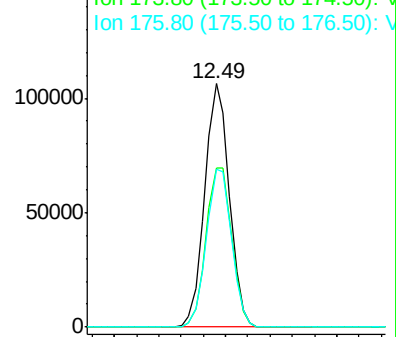
95 100

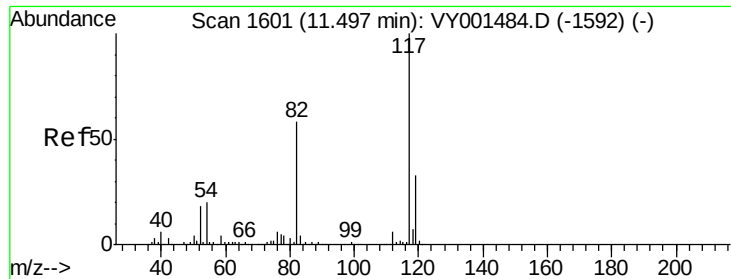
174 68.7 0.0 141.4

176 66.6 0.0 135.4



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

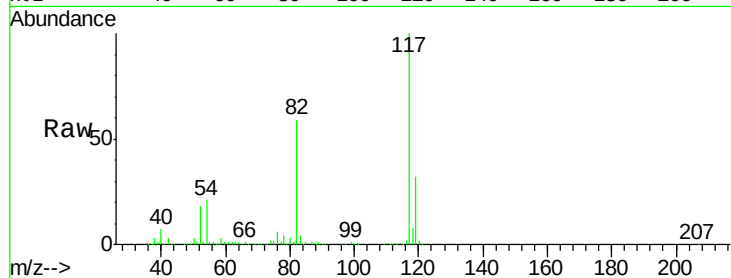




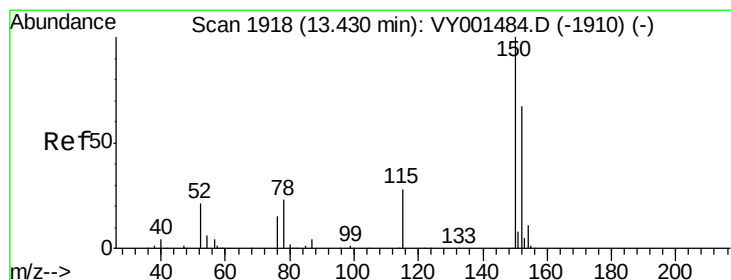
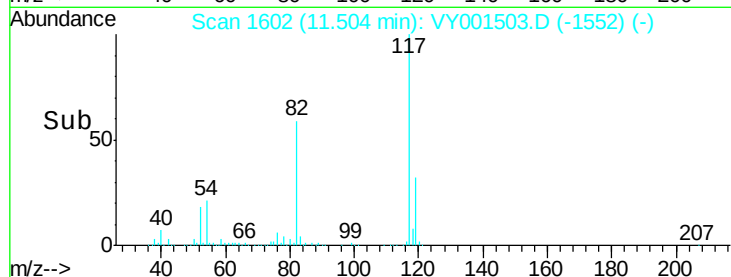
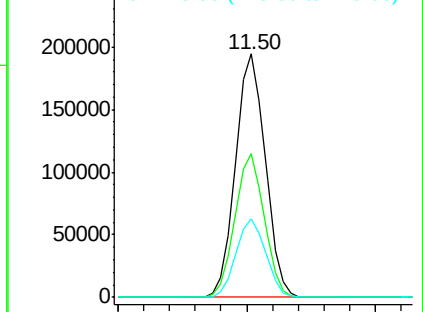
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001503.D
Acq: 05 Feb 2020 13:51

Instrument :
MSVOA_Y
ClientSampled :
TP-1

Tgt Ion:117 Resp: 312492
Ion Ratio Lower Upper
117 100
82 58.8 46.1 69.1
119 32.4 26.1 39.1

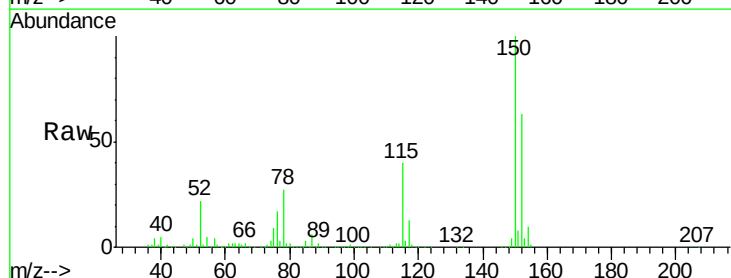


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

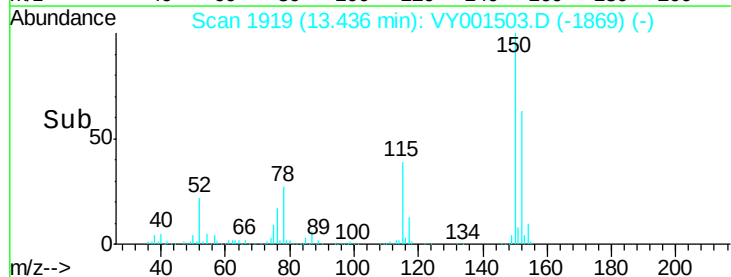
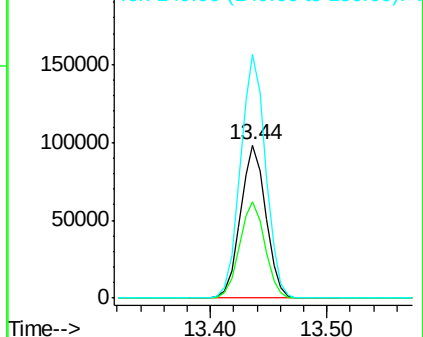


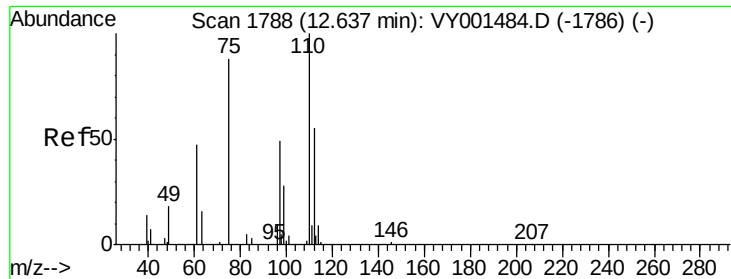
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001503.D
Acq: 05 Feb 2020 13:51

Tgt Ion:152 Resp: 149017
Ion Ratio Lower Upper
152 100
115 63.2 31.4 94.3
150 158.0 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: 49.32 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001503.D

Acq: 05 Feb 2020 13:51

Instrument :

MSVOA_Y

ClientSampleId :

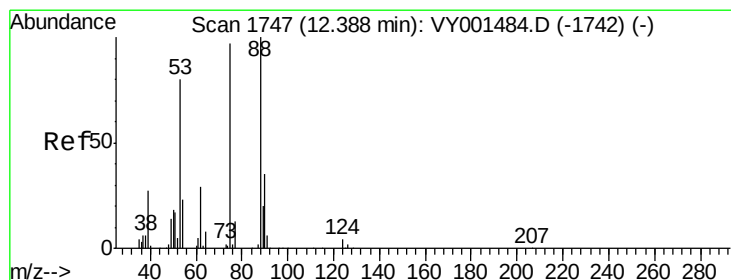
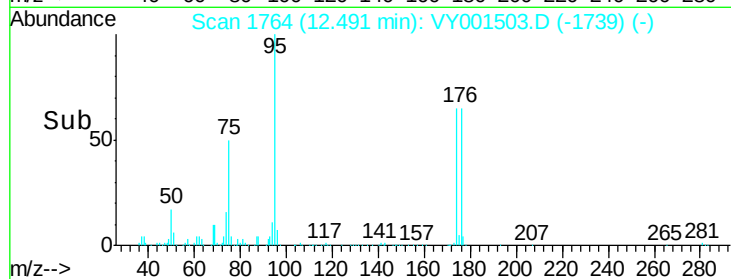
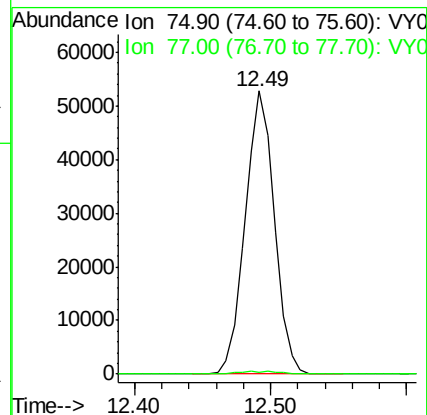
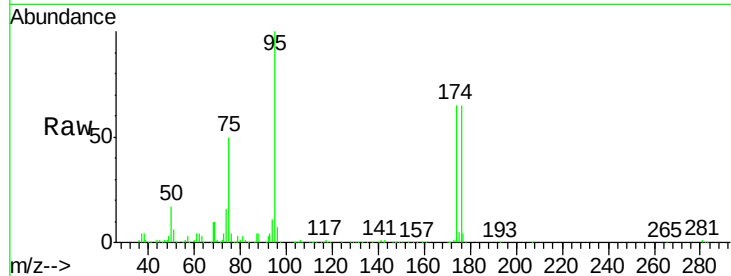
TP-1

Tgt Ion: 75 Resp: 79037

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.43 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001503.D

Acq: 05 Feb 2020 13:51

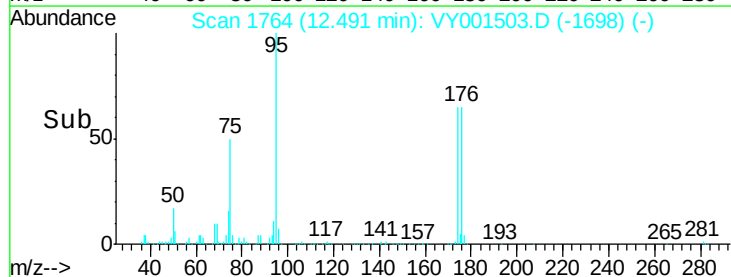
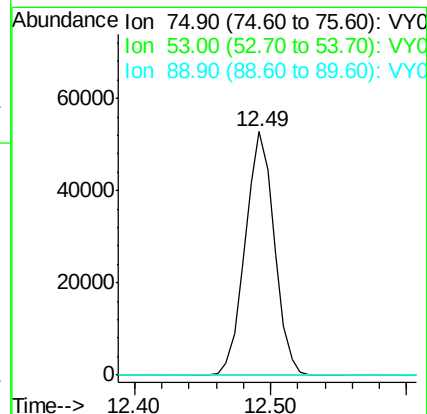
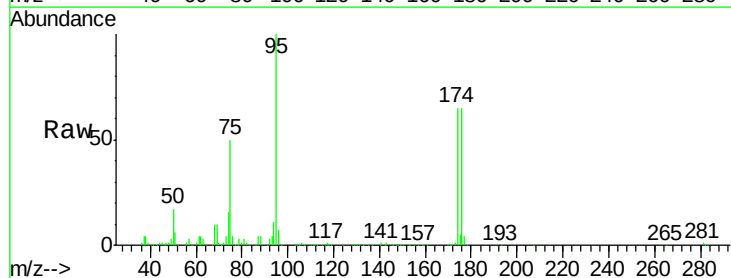
Tgt Ion: 75 Resp: 79037

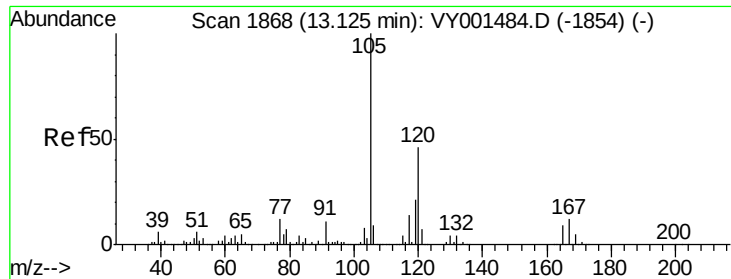
Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

89 0.0 34.6 52.0#





#84
 1,2,4-Trimethylbenzene
 Concen: 1.23 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001503.D
 Acq: 05 Feb 2020 13:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Tgt Ion:105 Resp: 11617
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.4 67.0

