

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012720\
 Data File : VY001408.D
 Acq On : 27 Jan 2020 16:07
 Operator : SY/MD
 Sample : L1269-13
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-25-24-COMP

Quant Time: Jan 27 16:27:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	168382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	313231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	281466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	120210	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	99688	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
35) Dibromofluoromethane	7.75	113	93500	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
50) Toluene-d8	10.19	98	365874	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.49	95	130627	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	

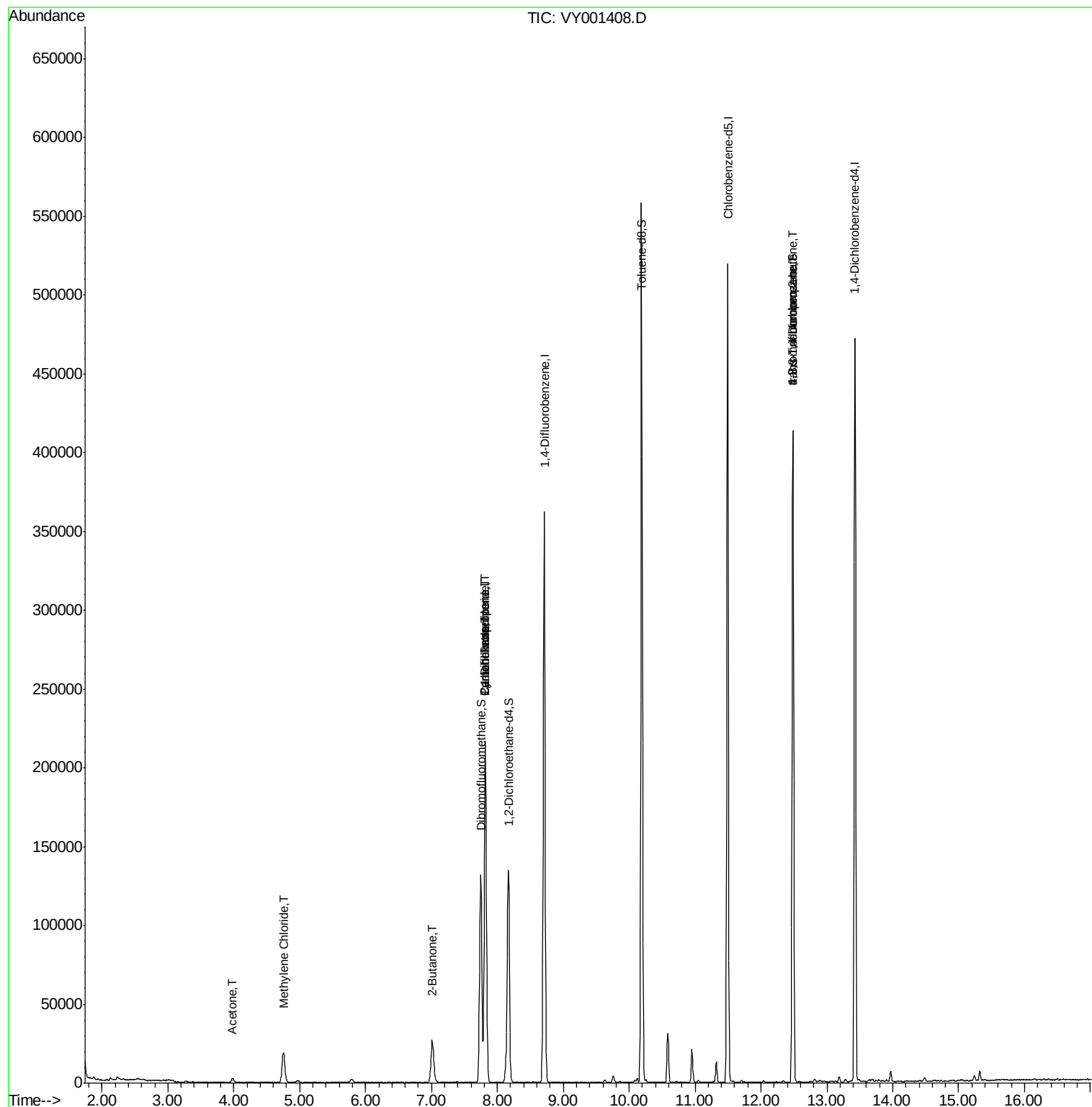
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	1505	Below Cal	#	74
13) Acrolein	3.79	56	20	Below Cal	#	15
16) Acetone	3.97	43	4172	1.10	ug/l	# 84
20) Methylene Chloride	4.75	84	14377	2.31	ug/l	95
25) 2-Butanone	7.02	43	2529	3.17	ug/l	97
31) Cyclohexane	7.82	56	3705	1.05	ug/l	# 1
36) 1,1-Dichloropropene	7.82	75	13683	4.62	ug/l	# 49
38) Carbon Tetrachloride	7.82	117	16052	6.09	ug/l	# 16
76) 1,2,3-Trichloropropane	12.49	75	65146	44.97	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	65146	85.11	ug/l	# 14

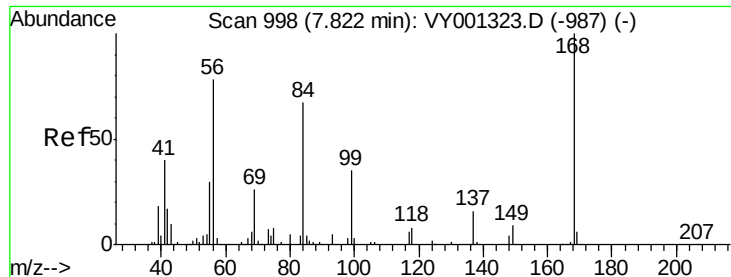
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY012720\
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Quant Time: Jan 27 16:27:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001408.D

Acq: 27 Jan 2020 16:07

Instrument :

MSVOA_Y

ClientSampleId :

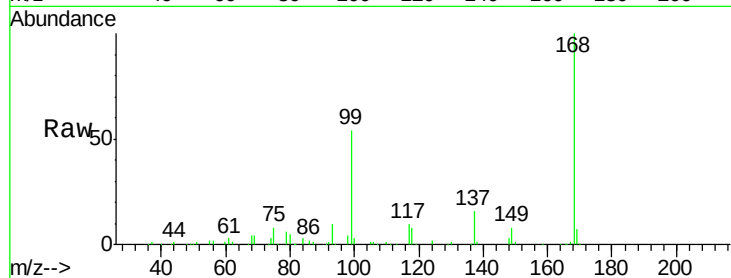
TP-25-24-COMP

Tgt Ion:168 Resp: 168382

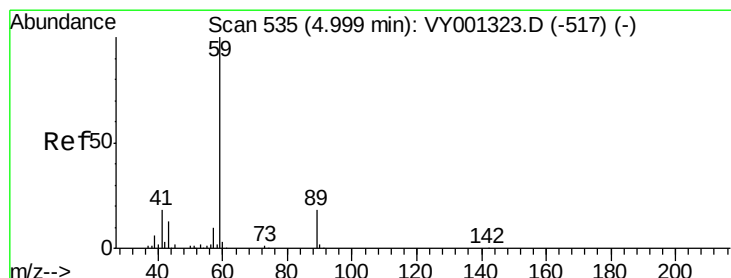
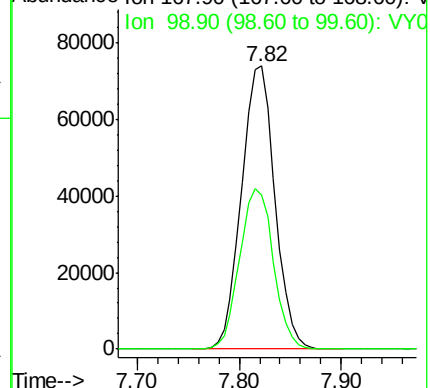
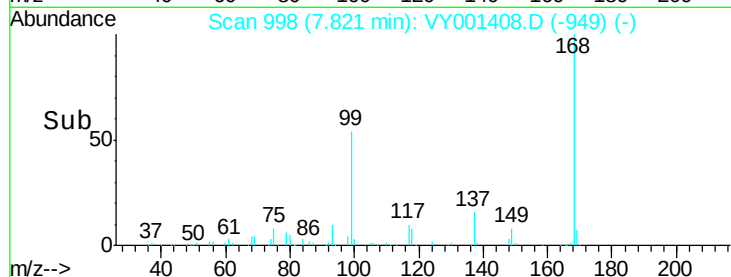
Ion Ratio Lower Upper

168 100

99 54.3 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001408.D (-949) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001408.D

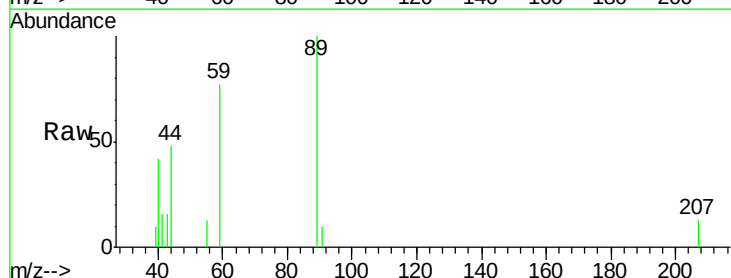
Acq: 27 Jan 2020 16:07

Tgt Ion: 59 Resp: 1505

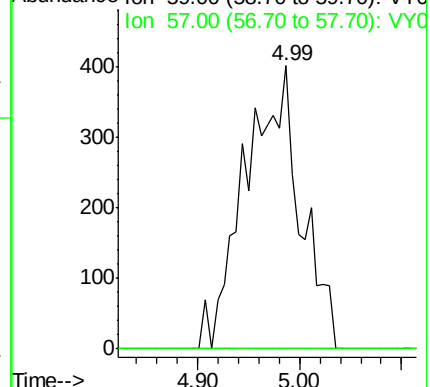
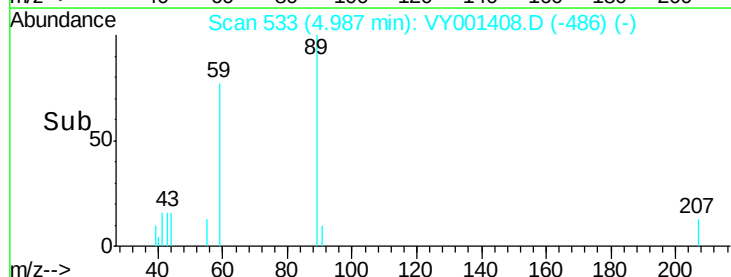
Ion Ratio Lower Upper

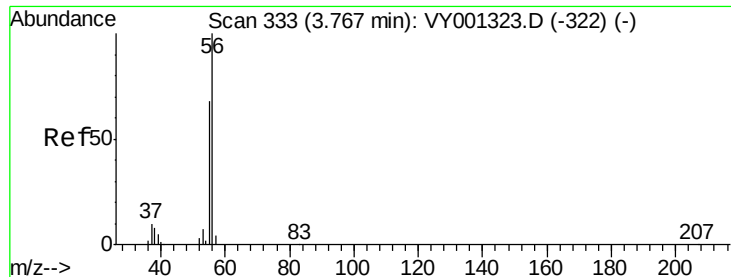
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001408.D (-486) (-)





#13

Acrolein

Concen: Below Cal

RT: 3.79 min Scan# 336

Delta R.T. 0.02 min

Lab File: VY001408.D

Acq: 27 Jan 2020 16:07

Instrument :

MSVOA_Y

ClientSampleId :

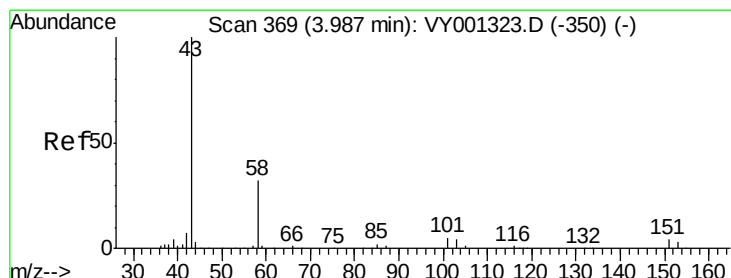
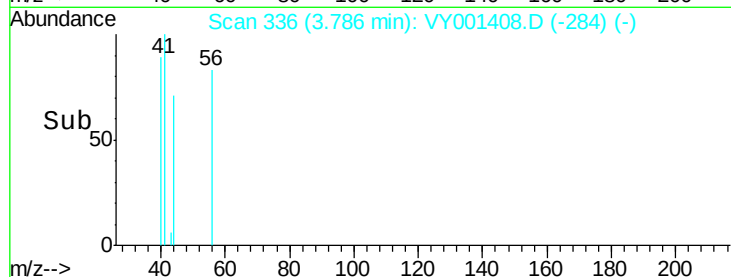
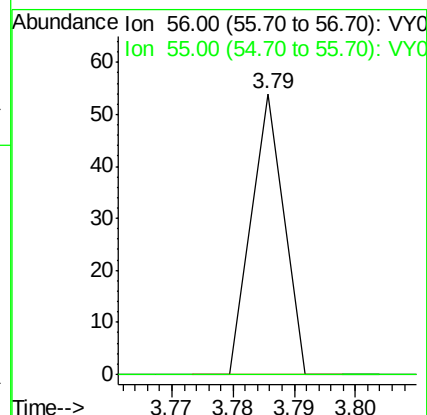
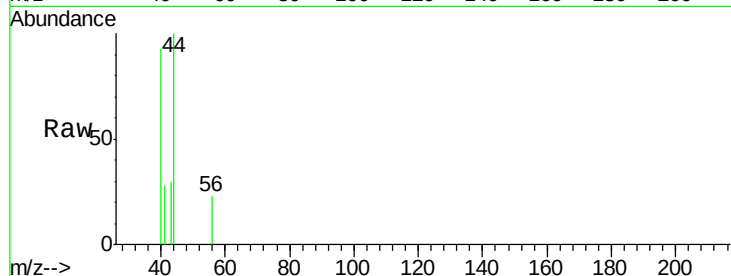
TP-25-24-COMP

Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 0.0 55.9 83.9#



#16

Acetone

Concen: 1.10 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.01 min

Lab File: VY001408.D

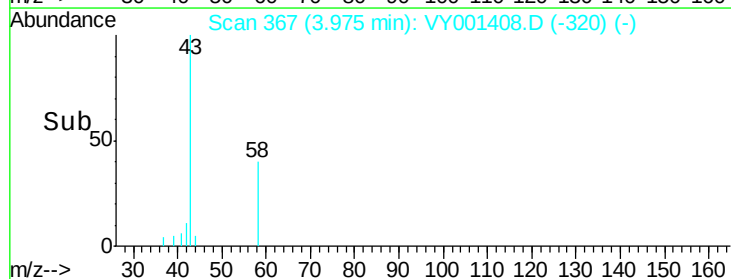
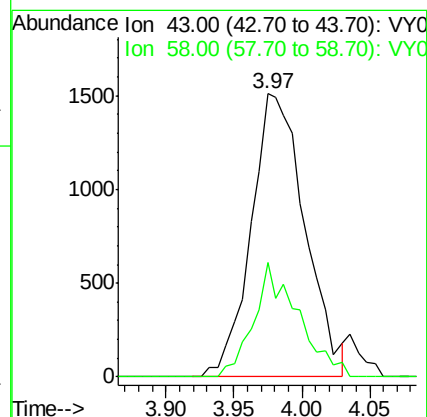
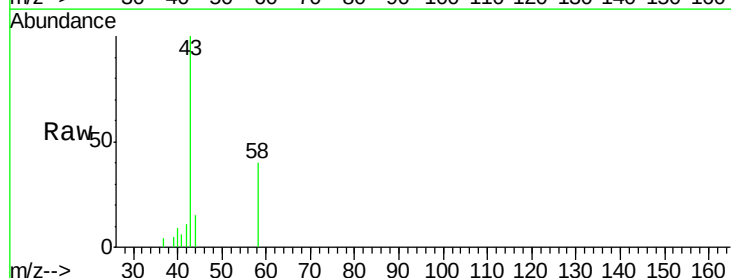
Acq: 27 Jan 2020 16:07

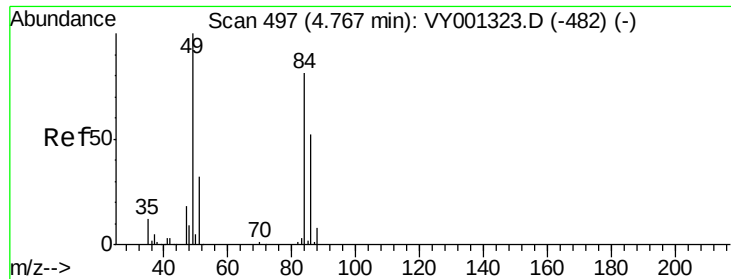
Tgt Ion: 43 Resp: 4172

Ion Ratio Lower Upper

43 100

58 40.5 25.4 38.0#

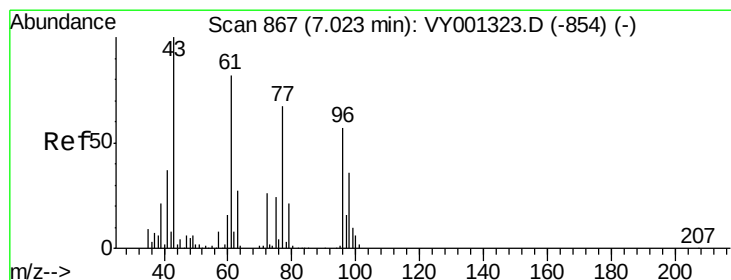
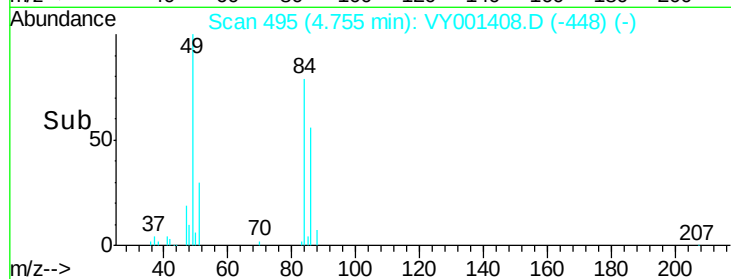
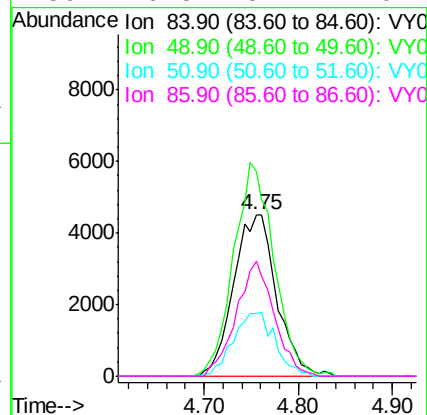
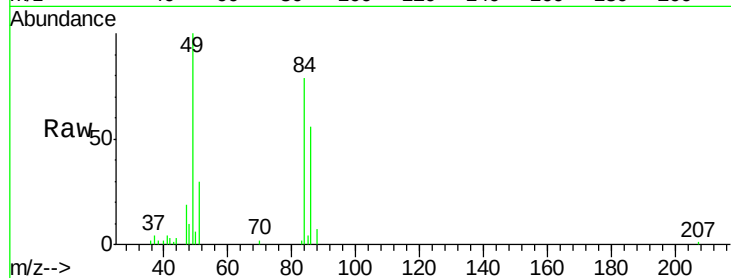




#20
Methylene Chloride
Concen: 2.31 ug/l
RT: 4.75 min Scan# 495
Delta R.T. -0.01 min
Lab File: VY001408.D
Acq: 27 Jan 2020 16:07

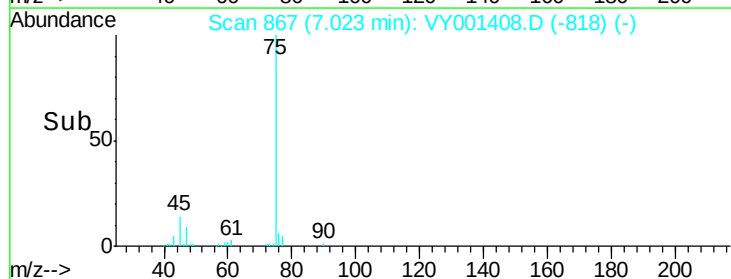
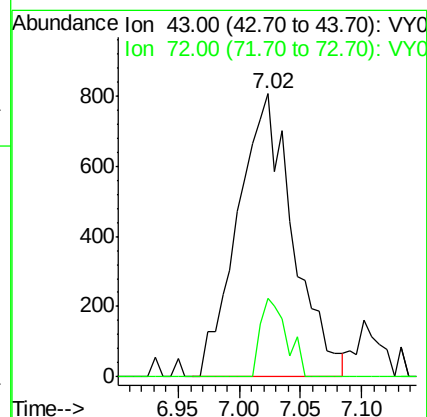
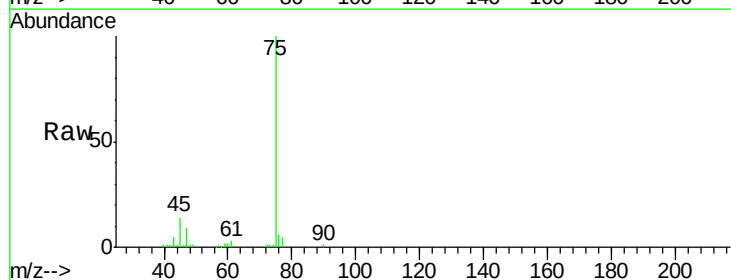
Instrument :
MSVOA_Y
ClientSampleId :
TP-25-24-COMP

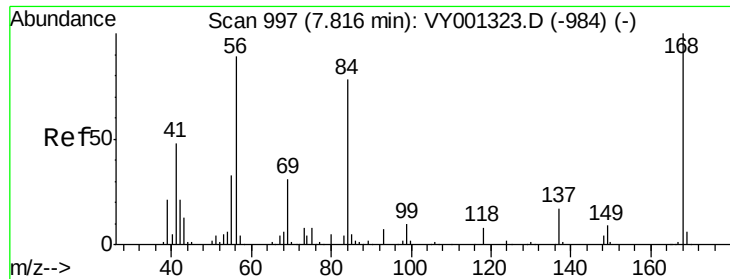
Tgt Ion: 84 Resp: 14377
Ion Ratio Lower Upper
84 100
49 126.9 98.3 147.5
51 38.5 31.6 47.4
86 70.8 51.1 76.7



#25
2-Butanone
Concen: 3.17 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.00 min
Lab File: VY001408.D
Acq: 27 Jan 2020 16:07

Tgt Ion: 43 Resp: 2529
Ion Ratio Lower Upper
43 100
72 27.6 20.6 31.0

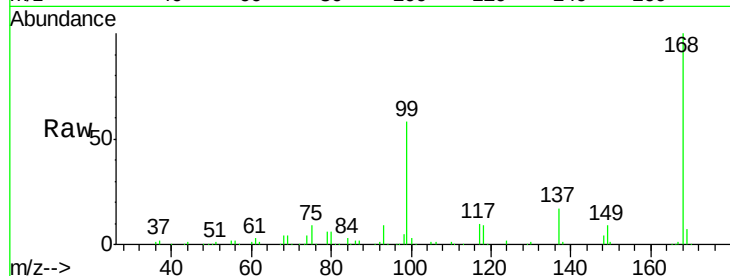




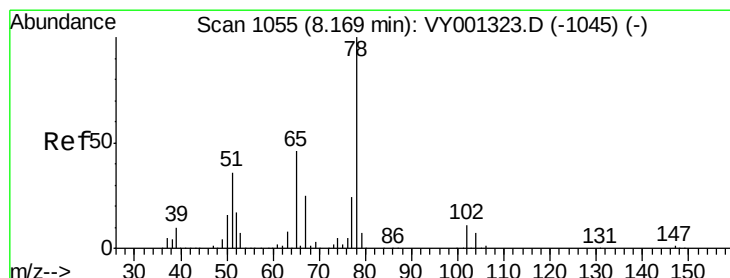
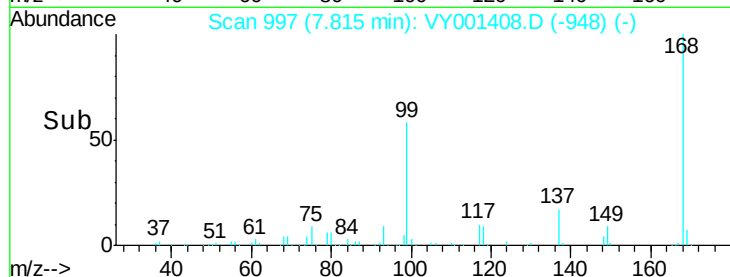
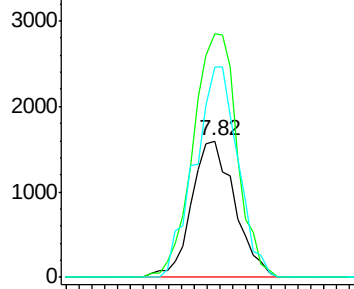
#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.00 min
Lab File: VY001408.D
Acq: 27 Jan 2020 16:07

Instrument :
MSVOA_Y
ClientSampleId :
TP-25-24-COMP

Tgt Ion: 56 Resp: 3705
Ion Ratio Lower Upper
56 100
69 178.8 27.6 41.4#
84 154.2 69.7 104.5#

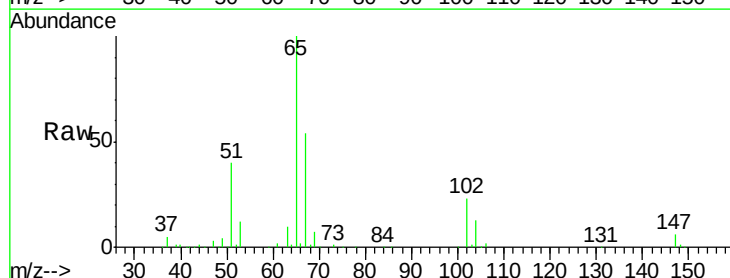


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

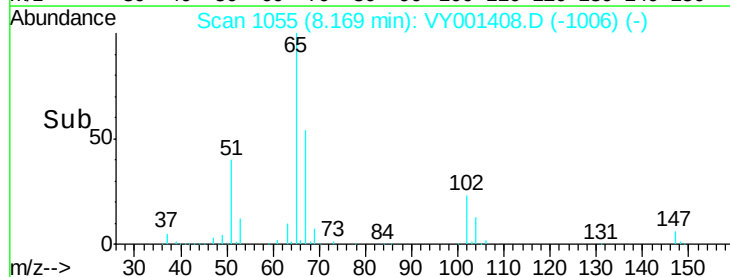
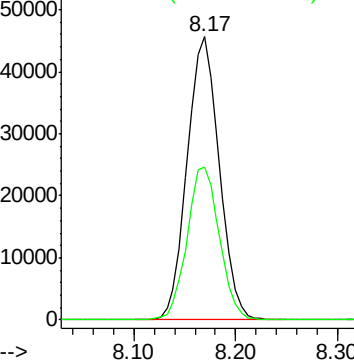


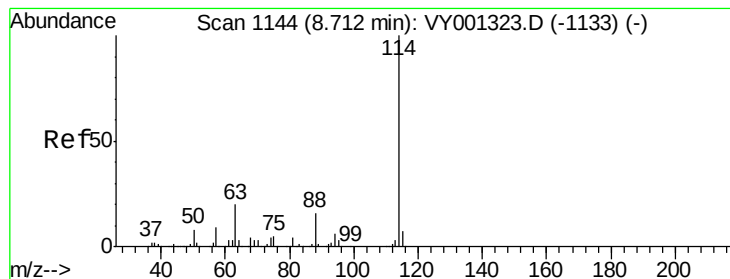
#33
1,2-Dichloroethane-d4
Concen: 54.41 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001408.D
Acq: 27 Jan 2020 16:07

Tgt Ion: 65 Resp: 99688
Ion Ratio Lower Upper
65 100
67 54.4 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. -0.00 min

Lab File: VY001408.D

Acq: 27 Jan 2020 16:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-25-24-COMP

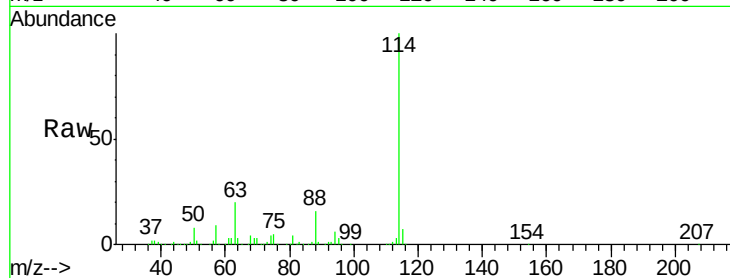
Tgt Ion:114 Resp: 313231

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

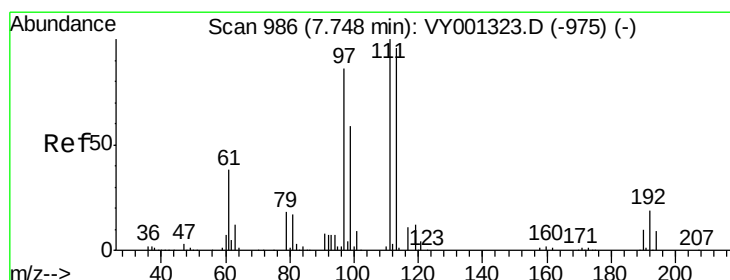
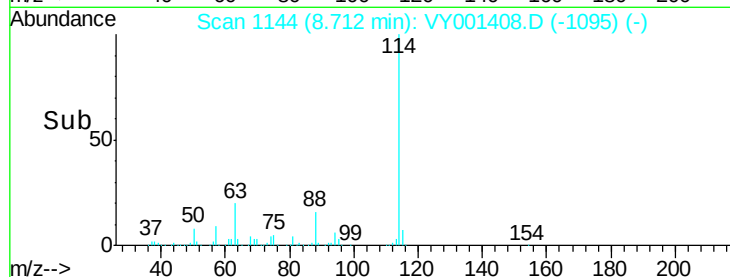
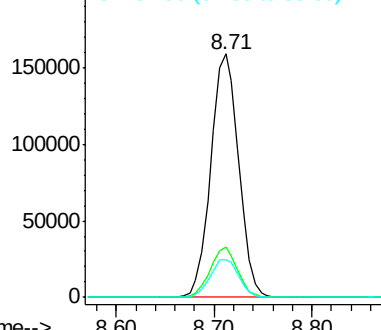
88 15.5 0.0 31.0



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: 50.86 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001408.D

Acq: 27 Jan 2020 16:07

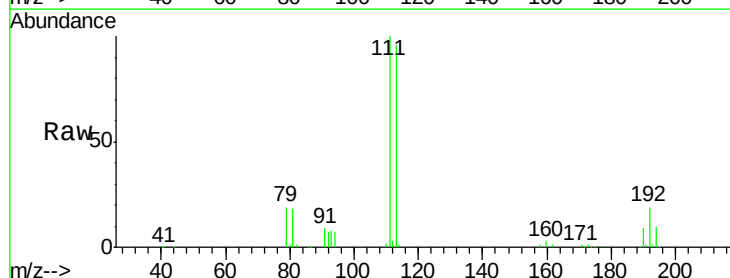
Tgt Ion:113 Resp: 93500

Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

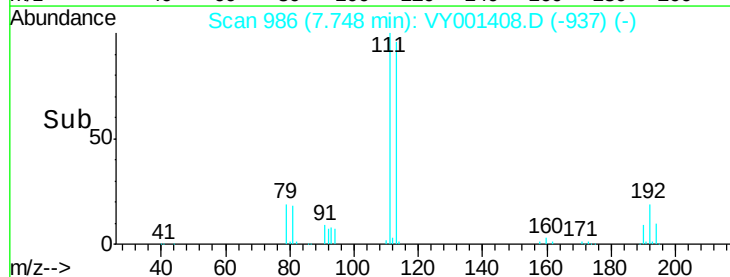
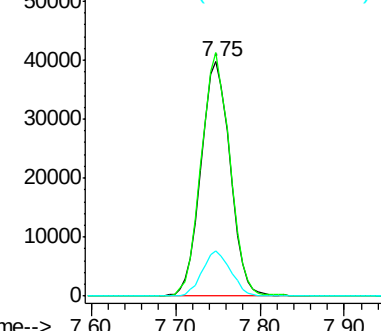
192 18.6 15.5 23.3

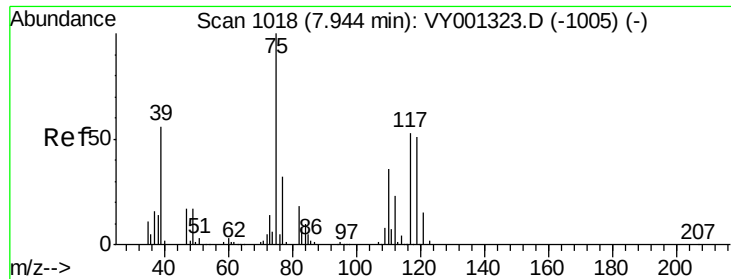


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

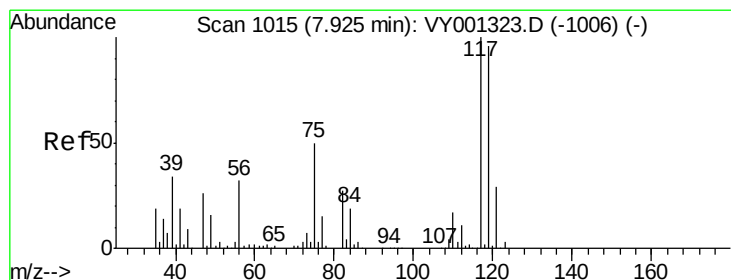
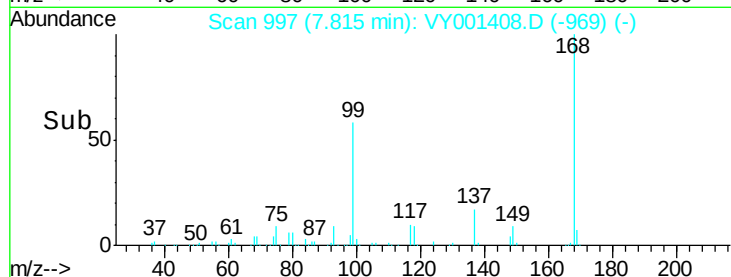
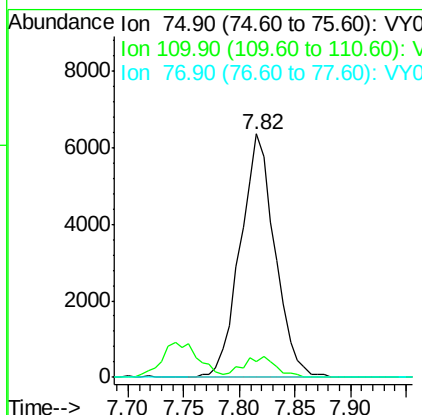
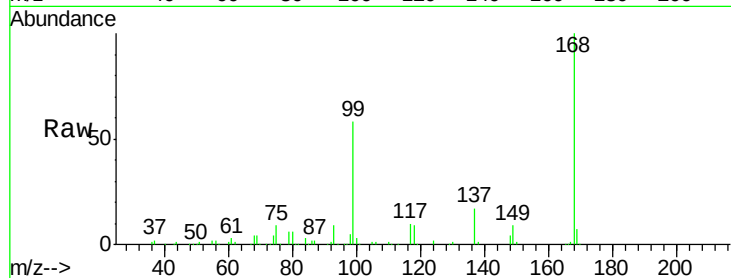




#36
 1,1-Dichloropropene
 Concen: 4.62 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001408.D
 Acq: 27 Jan 2020 16:07

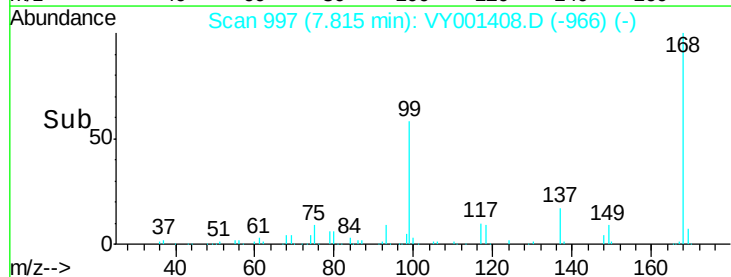
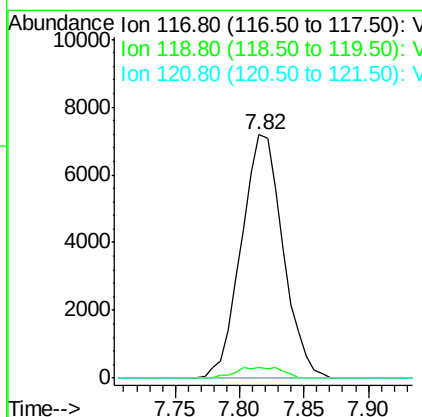
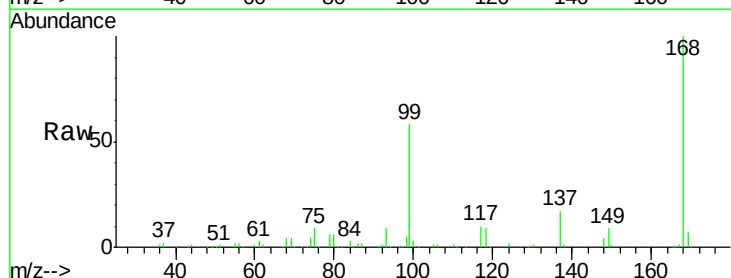
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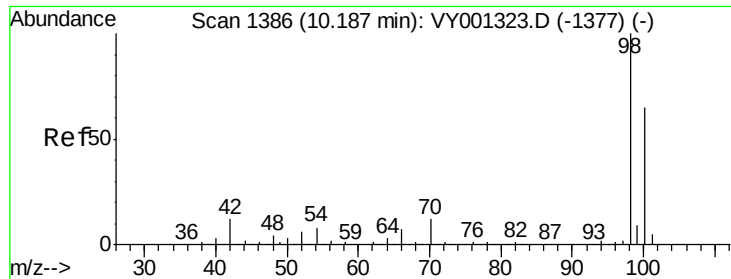
Tgt Ion: 75 Resp: 13683
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.6 52.8#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.09 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.11 min
 Lab File: VY001408.D
 Acq: 27 Jan 2020 16:07

Tgt Ion: 117 Resp: 16052
 Ion Ratio Lower Upper
 117 100
 119 4.5 76.3 114.5#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 51.22 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001408.D

Acq: 27 Jan 2020 16:07

Instrument :

MSVOA_Y

ClientSampleId :

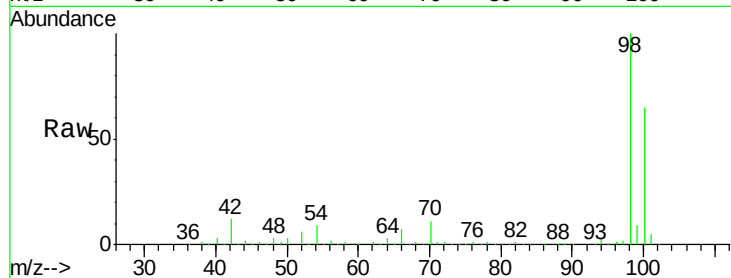
TP-25-24-COMP

Tgt Ion: 98 Resp: 365874

Ion Ratio Lower Upper

98 100

100 66.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001408.D (-1337) (-)

Ion 100.00 (99.70 to 100.70): VY001408.D (-1337) (-)

10.19

200000

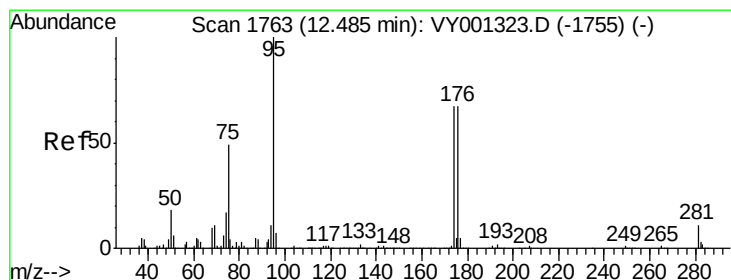
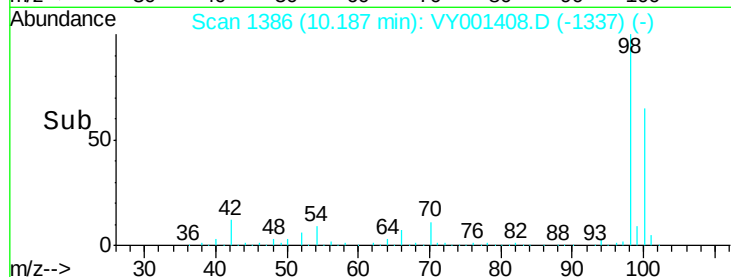
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.92 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001408.D

Acq: 27 Jan 2020 16:07

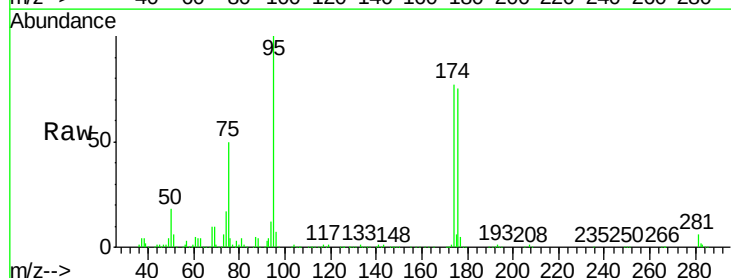
Tgt Ion: 95 Resp: 130627

Ion Ratio Lower Upper

95 100

174 74.4 0.0 142.0

176 72.6 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001408.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY001408.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY001408.D (-1714) (-)

12.49

100000

80000

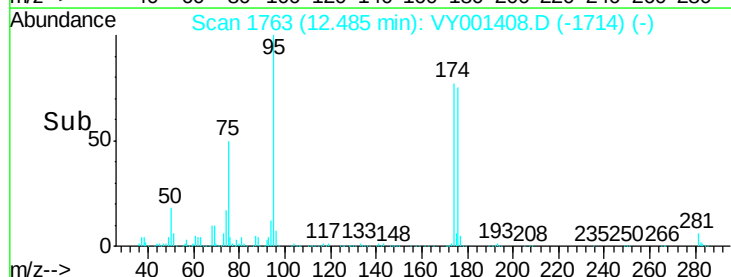
60000

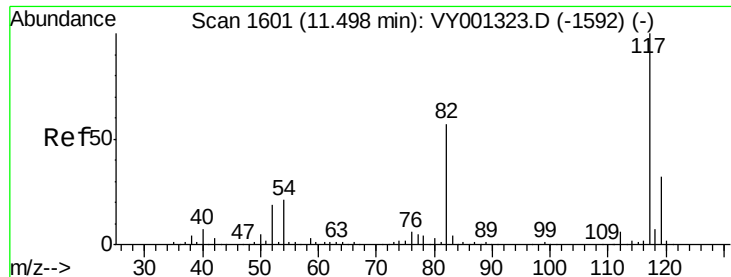
40000

20000

0

Time-->

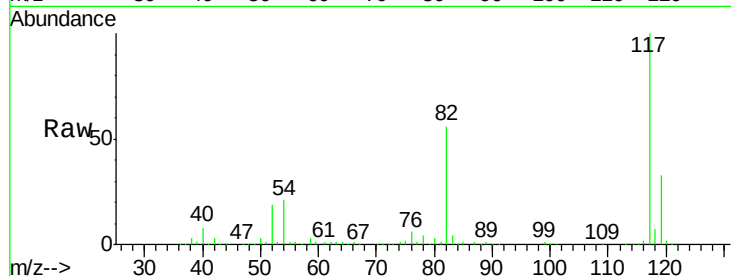




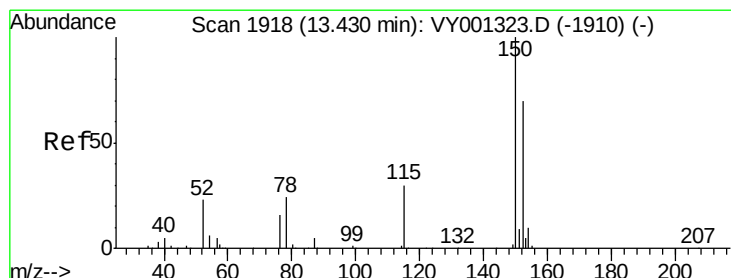
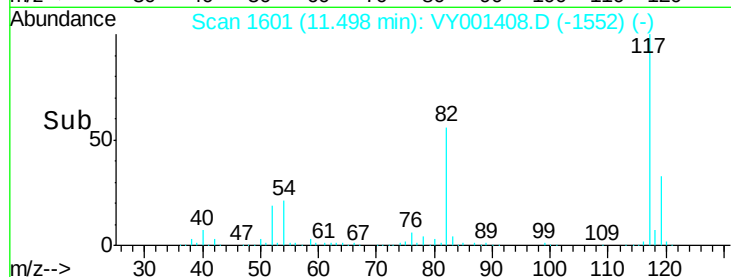
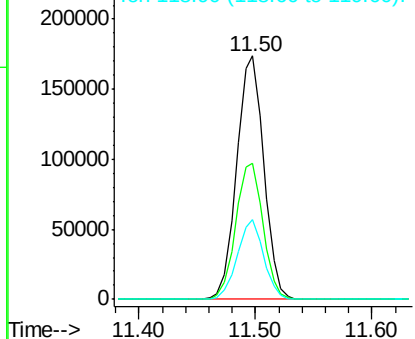
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001408.D
Acq: 27 Jan 2020 16:07

Instrument :
MSVOA_Y
ClientSampleId :
TP-25-24-COMP

Tgt Ion:117 Resp: 281466
Ion Ratio Lower Upper
117 100
82 55.8 45.5 68.3
119 32.7 25.8 38.6

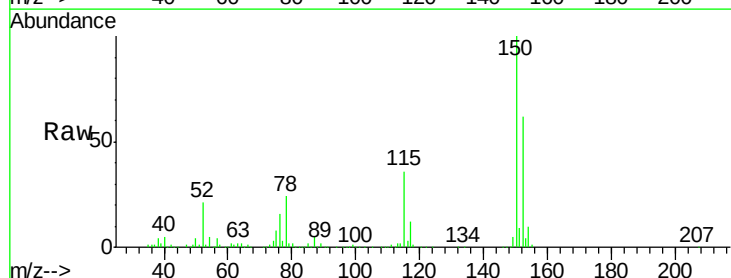


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

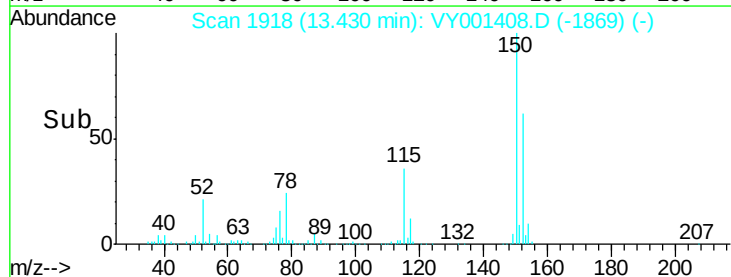
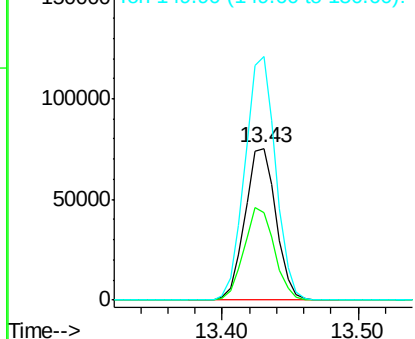


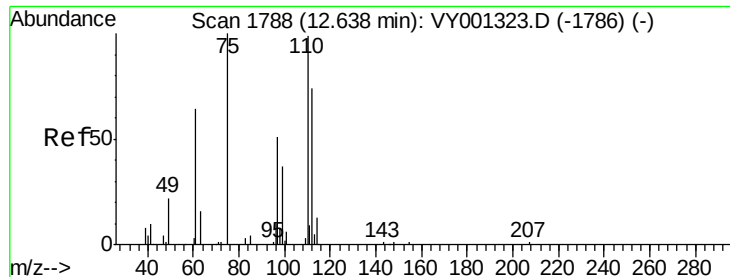
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001408.D
Acq: 27 Jan 2020 16:07

Tgt Ion:152 Resp: 120210
Ion Ratio Lower Upper
152 100
115 59.7 30.9 92.8
150 159.2 0.0 349.2



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: 44.97 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY001408.D

Acq: 27 Jan 2020 16:07

Instrument :

MSVOA_Y

ClientSampleId :

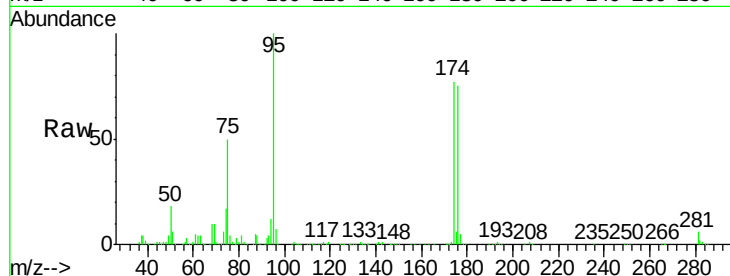
TP-25-24-COMP

Tgt Ion: 75 Resp: 65146

Ion Ratio Lower Upper

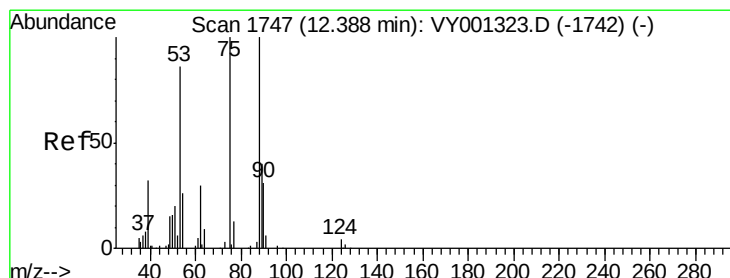
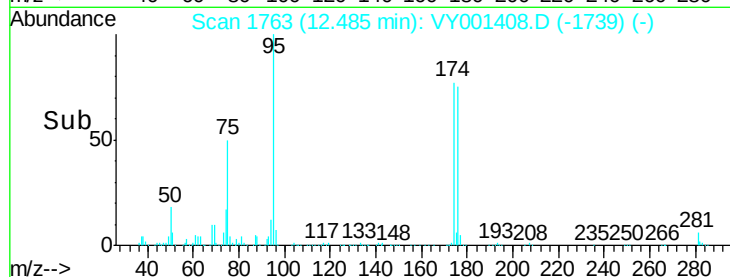
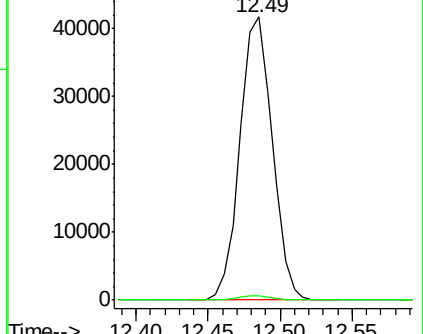
75 100

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: 85.11 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001408.D

Acq: 27 Jan 2020 16:07

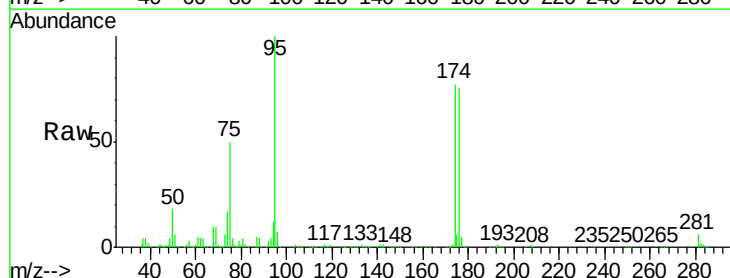
Tgt Ion: 75 Resp: 65146

Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

89 0.1 36.6 54.8#



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

