

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013020\
 Data File : VY001439.D
 Acq On : 30 Jan 2020 18:35
 Operator : SY/MD
 Sample : L1319-03RE
 Misc : 5.23G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 03:24:53 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	122948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	222963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	189539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	76789	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	66837	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
35) Dibromofluoromethane	7.75	113	62949	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
50) Toluene-d8	10.20	98	258797	50.90	ug/l	0.01
Spiked Amount			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.49	95	84348	41.66	ug/l	0.00
Spiked Amount			Recovery	=	83.32%	

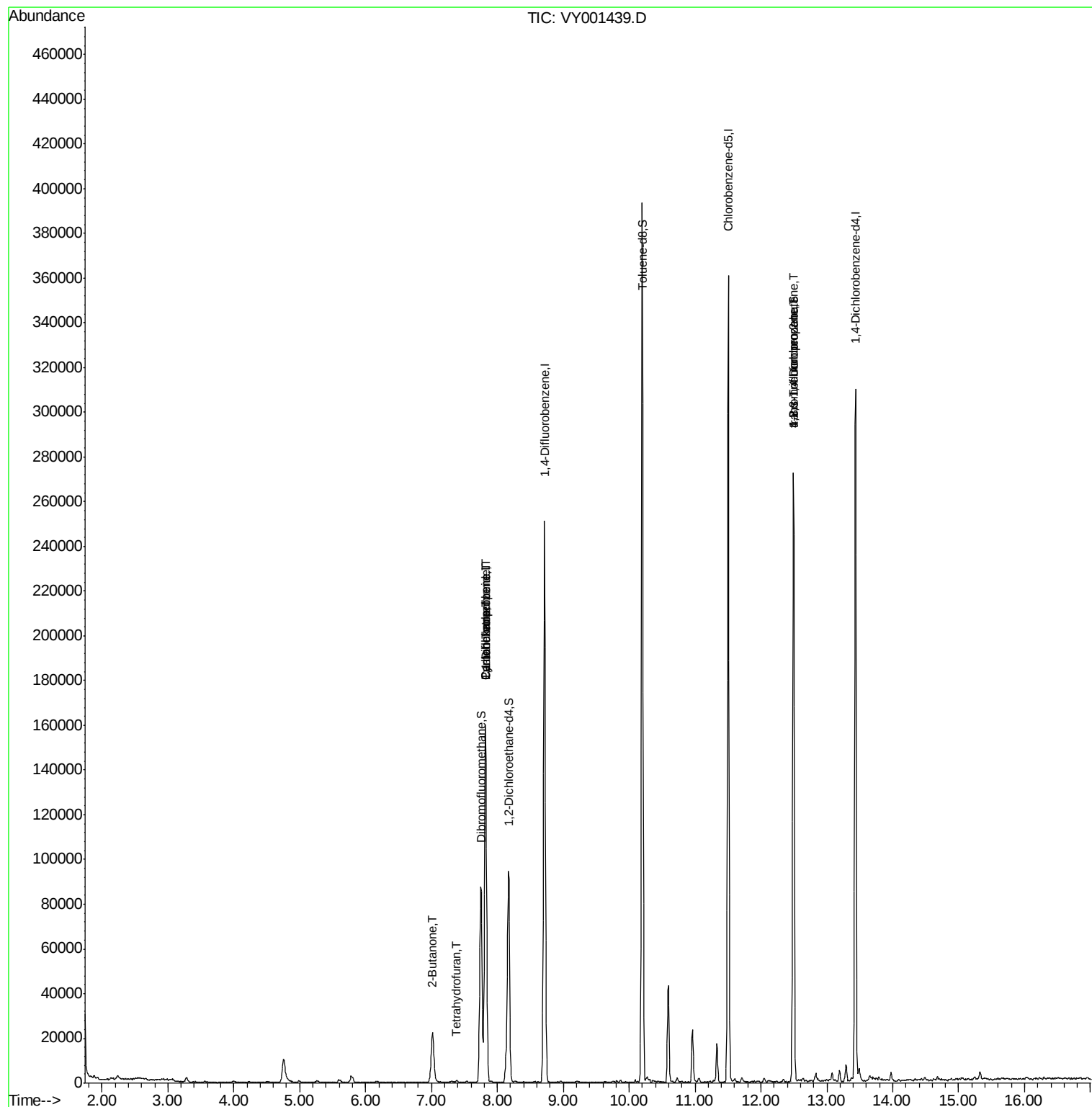
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	589	Below Cal	#	74
16) Acetone	3.99	43	1037	Below Cal		93
25) 2-Butanone	7.02	43	1275	2.190	ug/l #	77
29) Tetrahydrofuran	7.38	42	611	1.613	ug/l #	78
31) Cyclohexane	7.82	56	3183	1.230	ug/l #	5
36) 1,1-Dichloropropene	7.82	75	10152	4.819	ug/l #	49
38) Carbon Tetrachloride	7.82	117	12298	6.551	ug/l #	19
76) 1,2,3-Trichloropropane	12.49	75	42543	45.977	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	42543	87.006	ug/l #	14

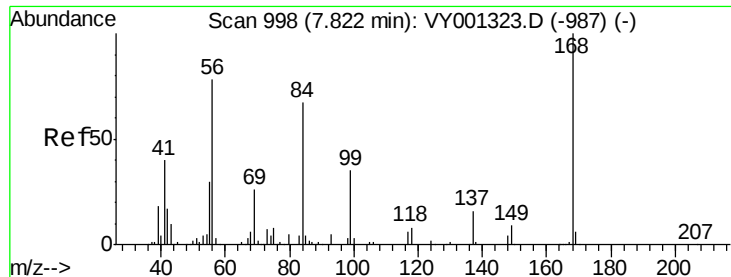
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001439.D

Acq: 30 Jan 2020 18:35

Instrument :

MSVOA_Y

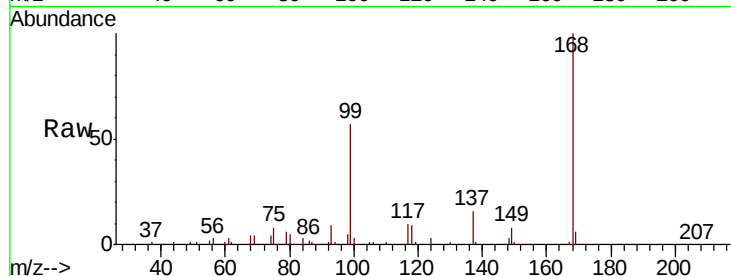
ClientSampleId :

Tot Ion:168 Resp: 122948

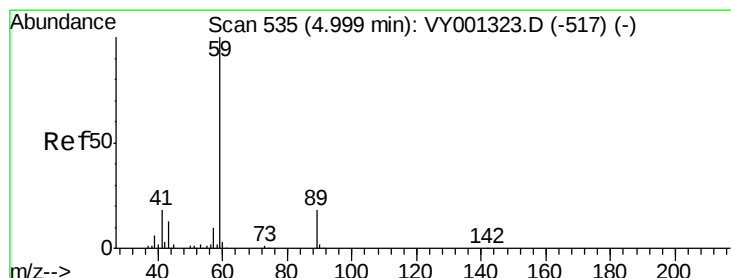
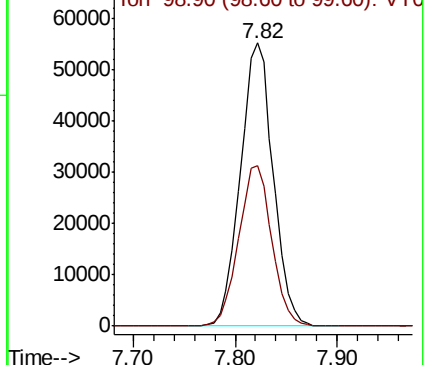
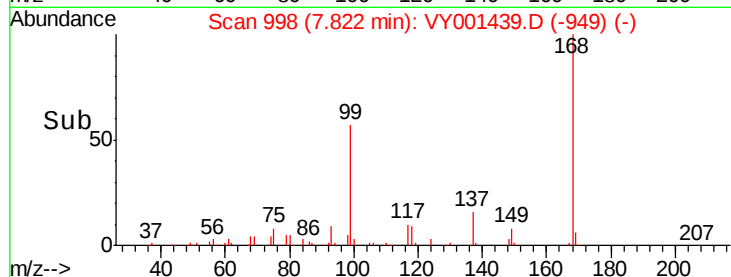
Ion Ratio Lower Upper

168 100

99 56.7 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001439.D (-949) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001439.D

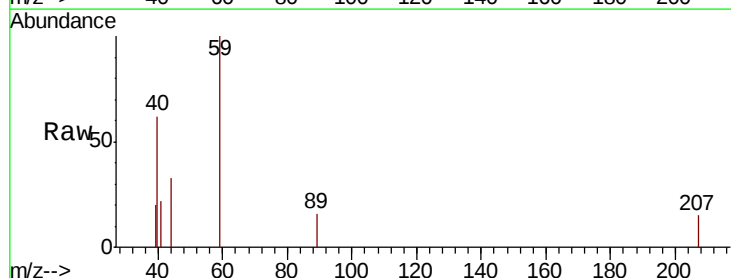
Acq: 30 Jan 2020 18:35

Tgt Ion: 59 Resp: 589

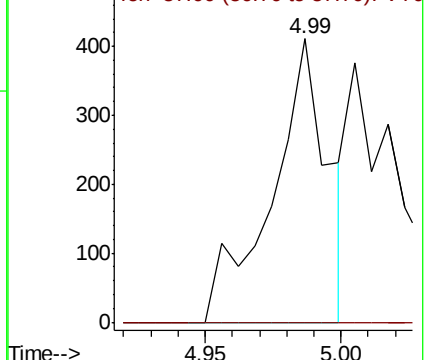
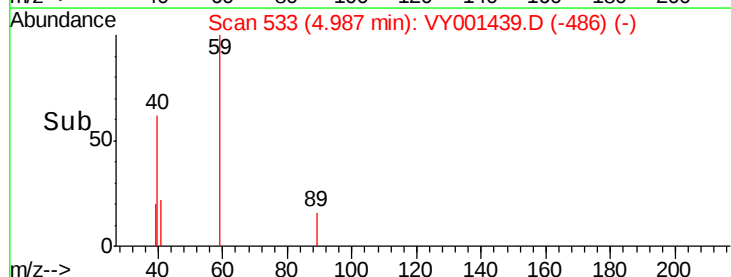
Ion Ratio Lower Upper

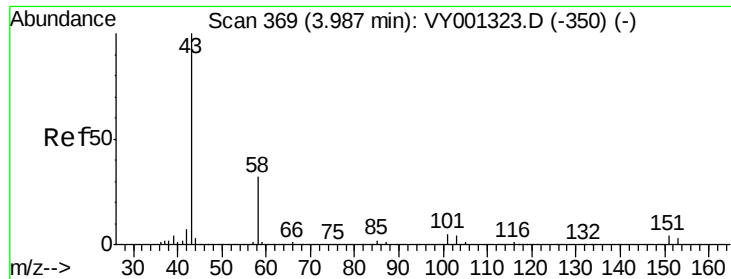
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001439.D (-486) (-)

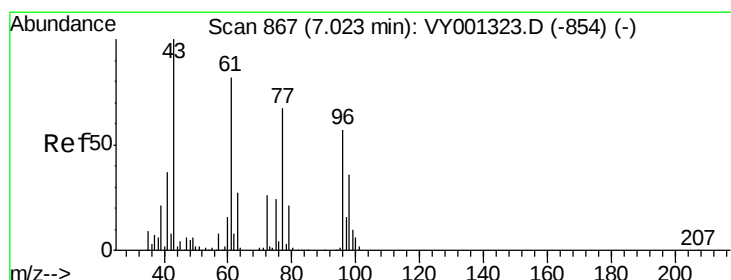
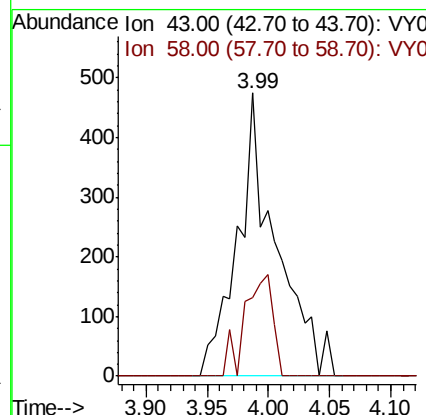
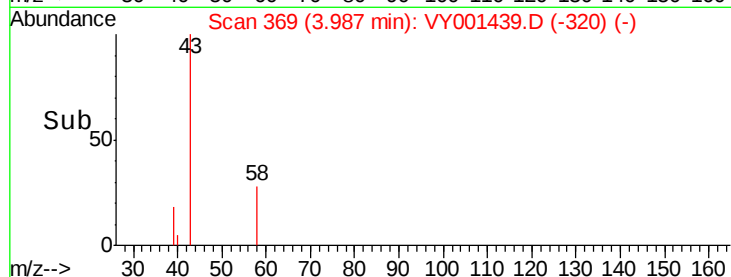
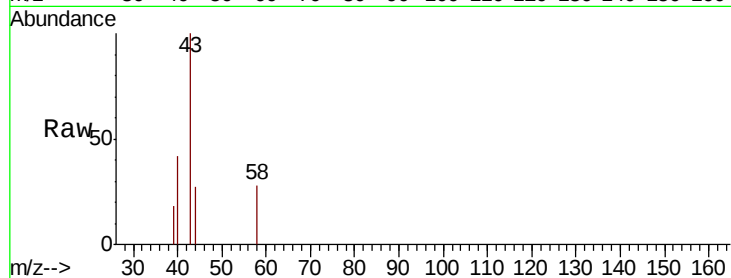




#16
Acetone
Concen: Below Cal
RT: 3.99 min Scan# 369
Delta R.T. -0.00 min
Lab File: VY001439.D
Acq: 30 Jan 2020 18:35

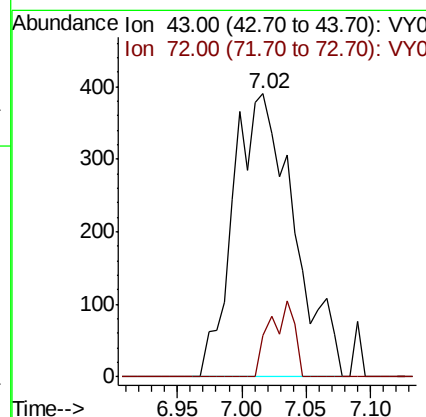
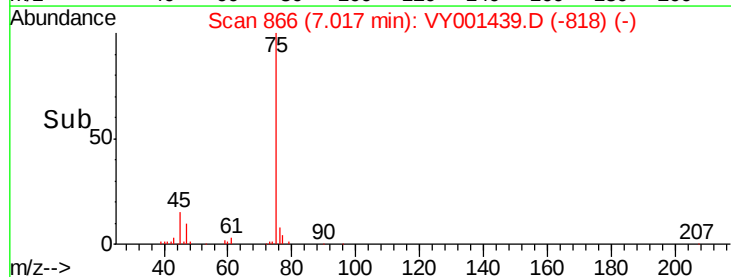
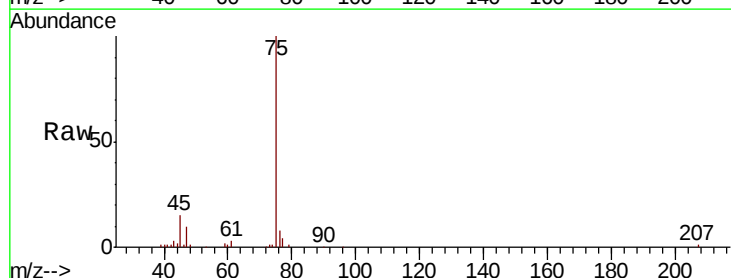
Instrument :
MSVOA_Y
ClientSampled :

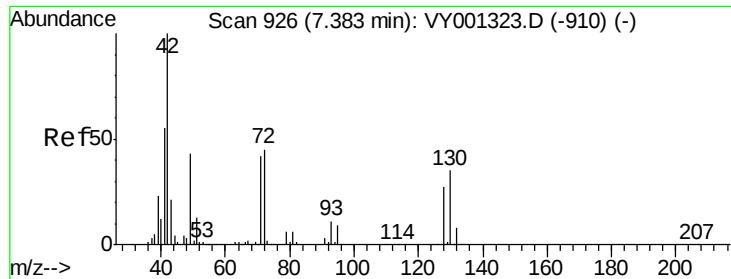
Tot Ion: 43 Resp: 1037
Ion Ratio Lower Upper
43 100
58 27.6 25.4 38.0



#25
2-Butanone
Concen: 2.190 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001439.D
Acq: 30 Jan 2020 18:35

Tgt Ion: 43 Resp: 1275
Ion Ratio Lower Upper
43 100
72 14.4 20.6 31.0#

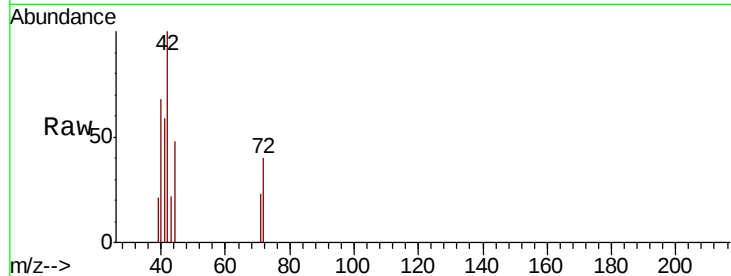




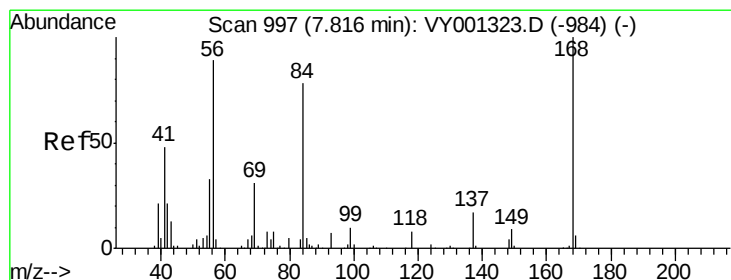
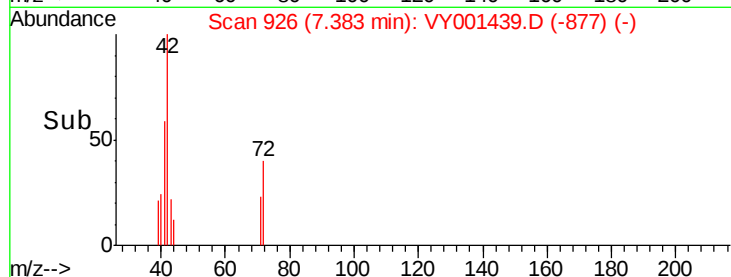
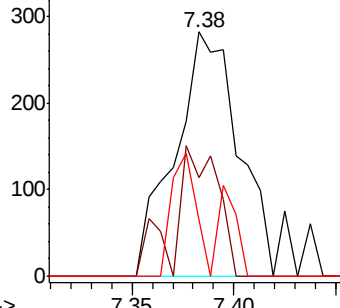
#29
Tetrahydrofuran
Concen: 1.613 ug/l
RT: 7.38 min Scan# 926
Delta R.T. -0.00 min
Lab File: VY001439.D
Acq: 30 Jan 2020 18:35

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 611
Ion Ratio Lower Upper
42 100
72 36.5 34.6 51.8
71 19.1 32.6 48.8#

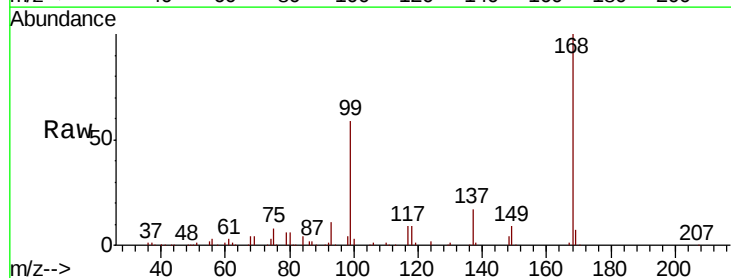


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

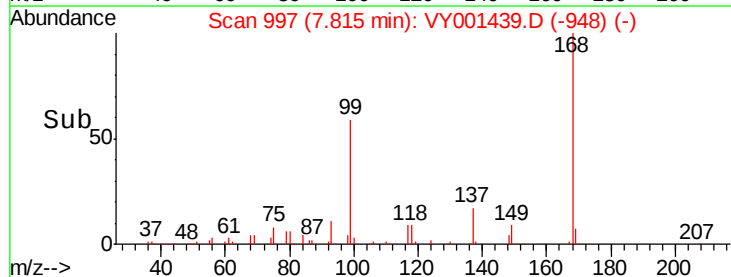
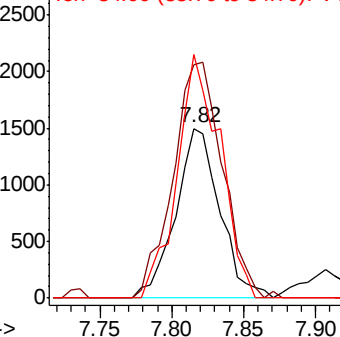


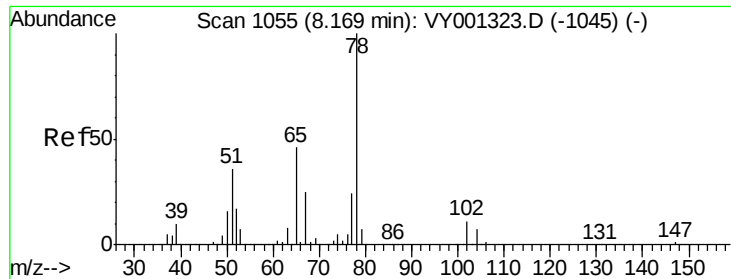
#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.00 min
Lab File: VY001439.D
Acq: 30 Jan 2020 18:35

Tgt Ion: 56 Resp: 3183
Ion Ratio Lower Upper
56 100
69 137.6 27.6 41.4#
84 143.7 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: 49.959 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001439.D

Acq: 30 Jan 2020 18:35

Instrument :

MSVOA_Y

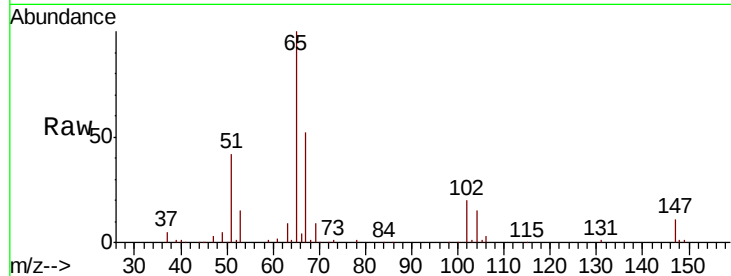
ClientSampleId :

Tot Ion: 65 Resp: 66837

Ion Ratio Lower Upper

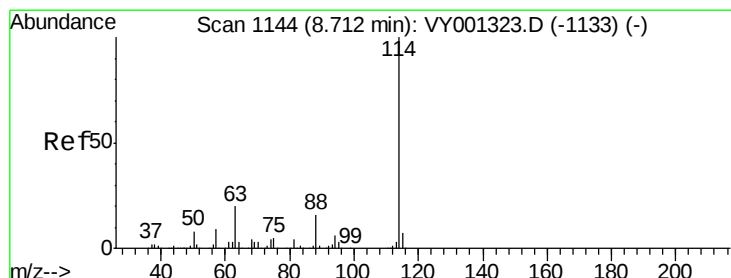
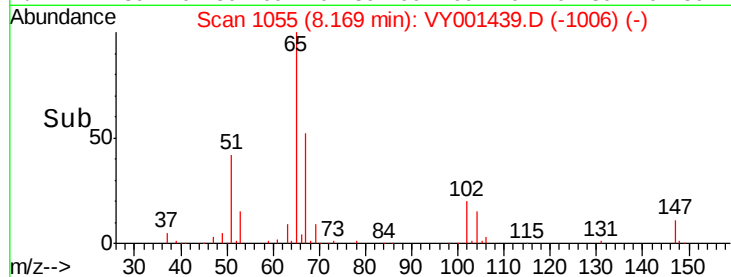
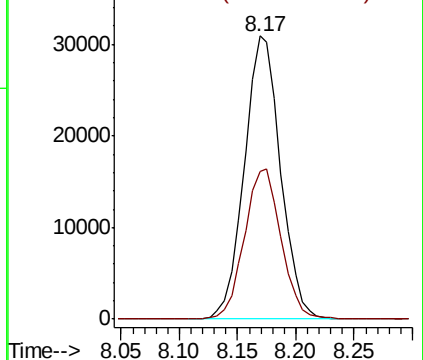
65 100

67 53.6 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: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001439.D

Acq: 30 Jan 2020 18:35

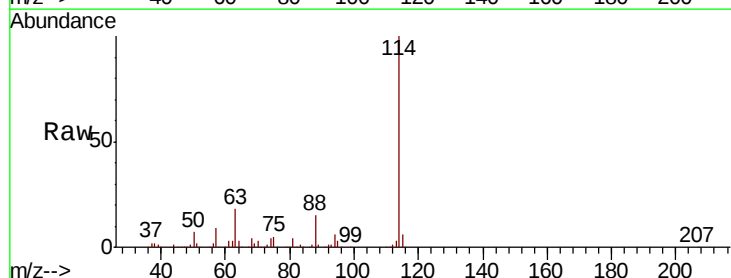
Tgt Ion: 114 Resp: 222963

Ion Ratio Lower Upper

114 100

63 17.8 0.0 40.8

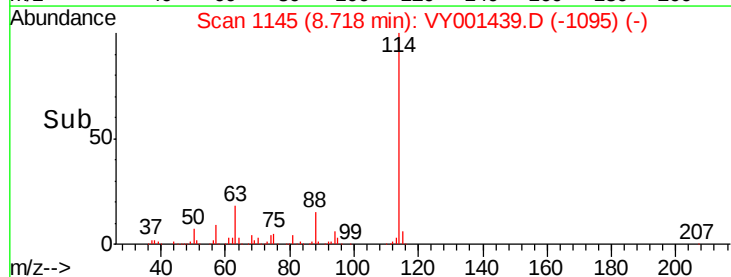
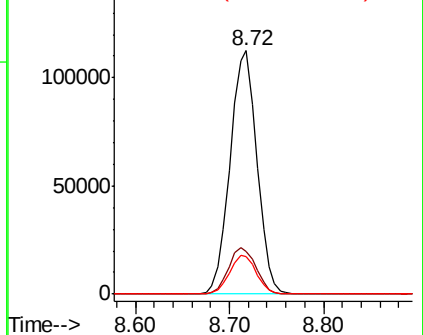
88 15.4 0.0 31.0

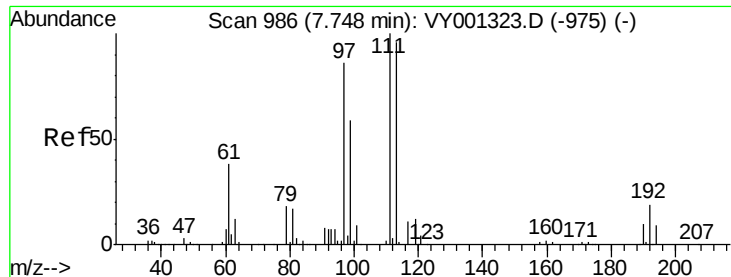


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

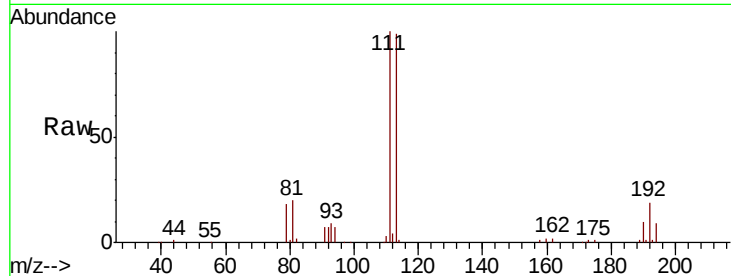




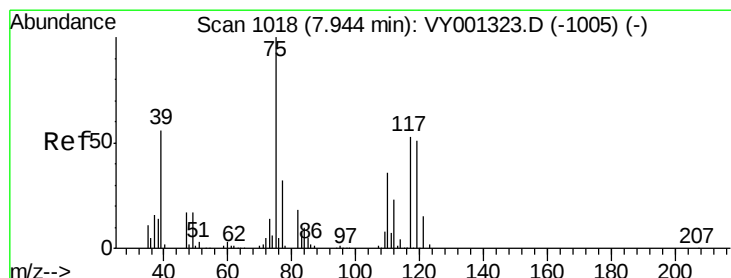
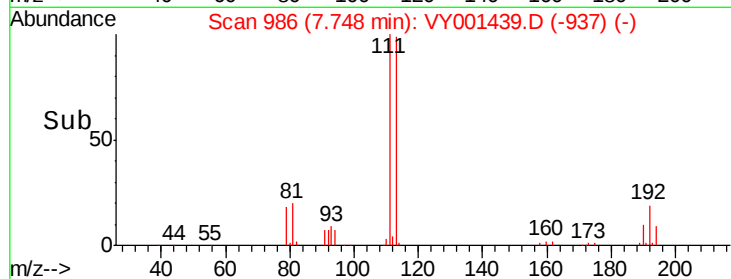
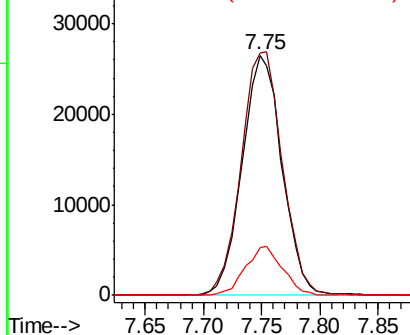
#35
 Dibromofluoromethane
 Concen: 48.104 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001439.D
 Acq: 30 Jan 2020 18:35

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 62949
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.8 124.2
 192 19.0 15.5 23.3

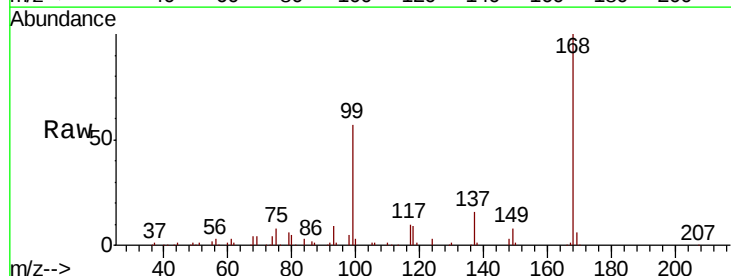


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

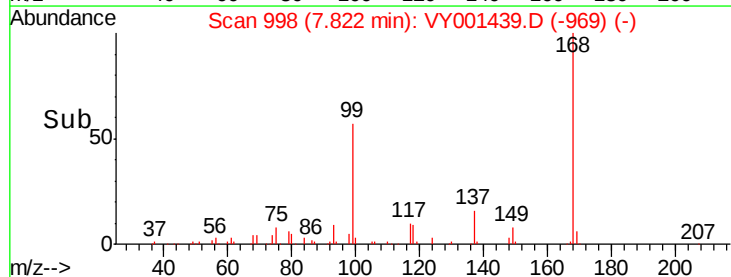
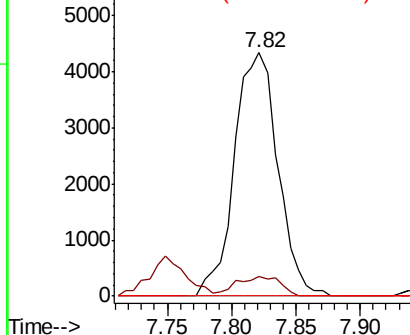


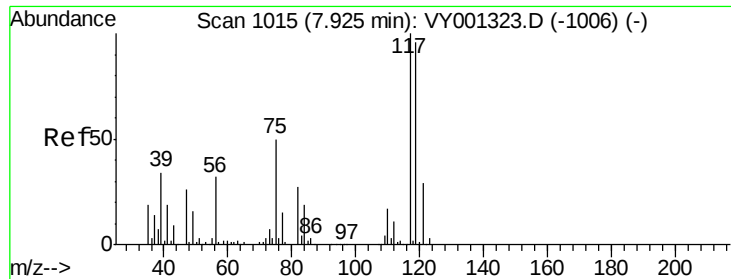
#36
 1,1-Dichloropropene
 Concen: 4.819 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001439.D
 Acq: 30 Jan 2020 18:35

Tgt Ion: 75 Resp: 10152
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.6 52.8#
 77 0.0 24.7 37.1#



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

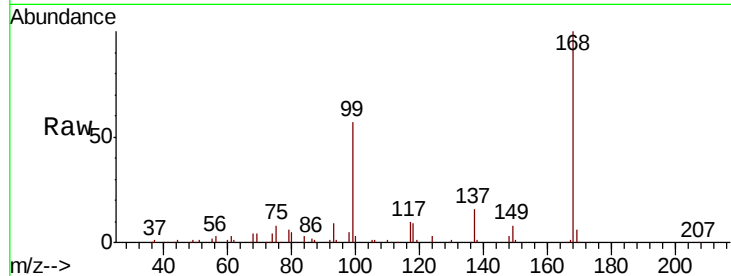




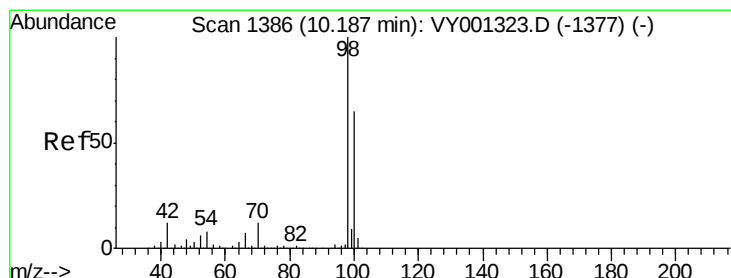
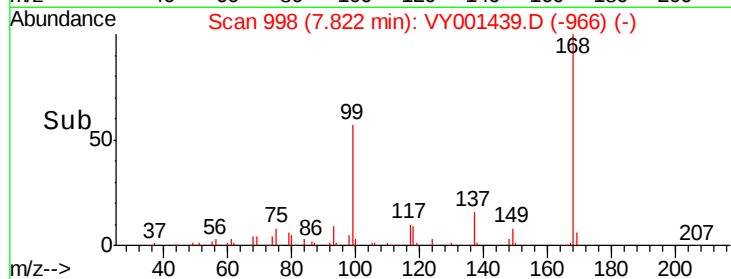
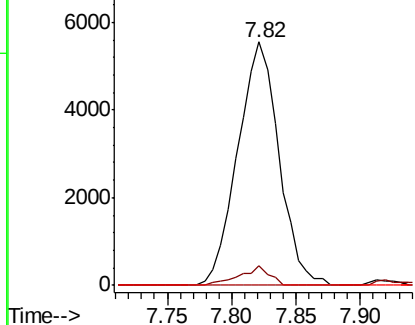
#38
Carbon Tetrachloride
Concen: 6.551 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY001439.D
Acq: 30 Jan 2020 18:35

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 12298
Ion Ratio Lower Upper
117 100
119 8.3 76.3 114.5#
121 0.0 23.5 35.3#

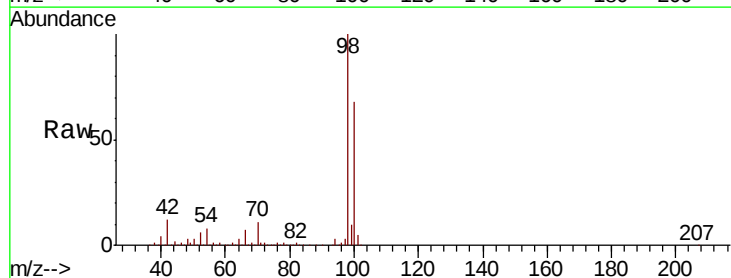


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

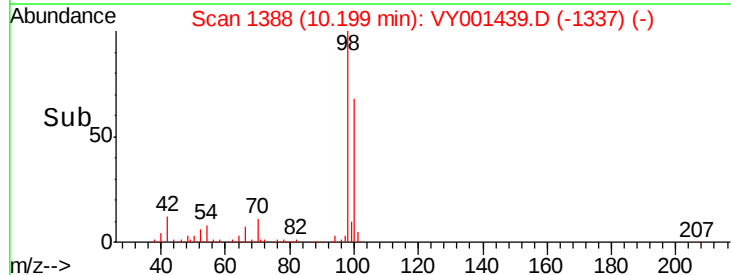
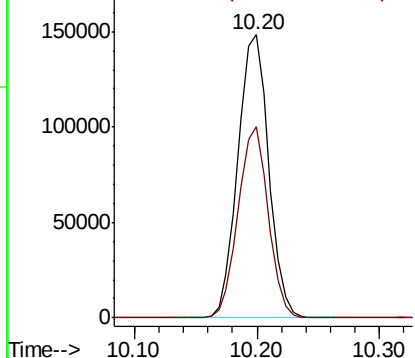


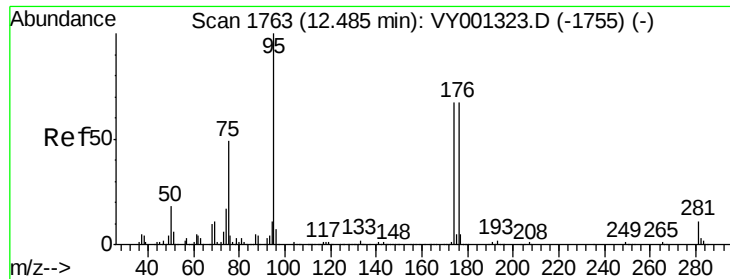
#50
Toluene-d8
Concen: 50.903 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001439.D
Acq: 30 Jan 2020 18:35

Tgt Ion: 98 Resp: 258797
Ion Ratio Lower Upper
98 100
100 66.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

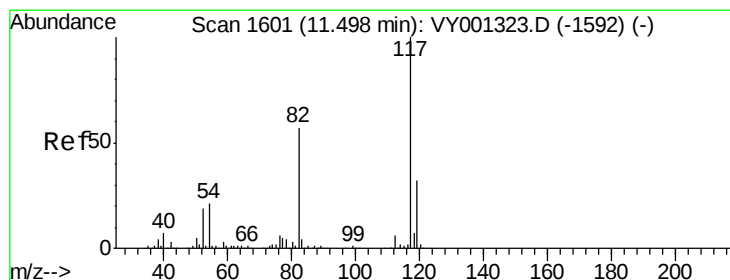
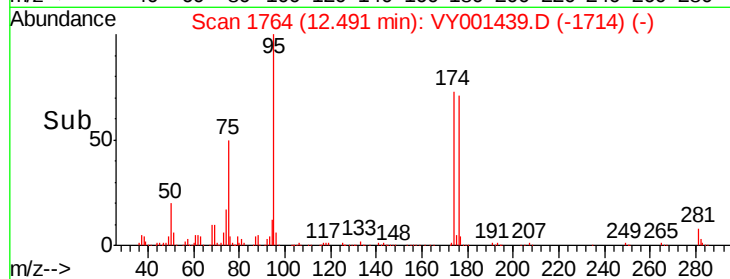
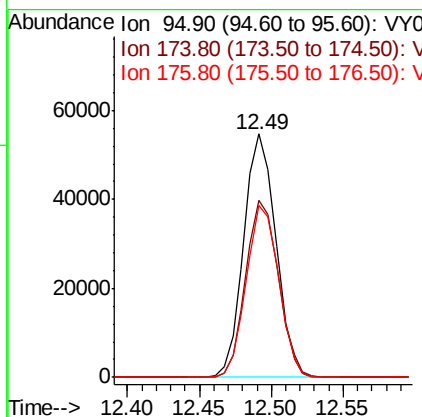
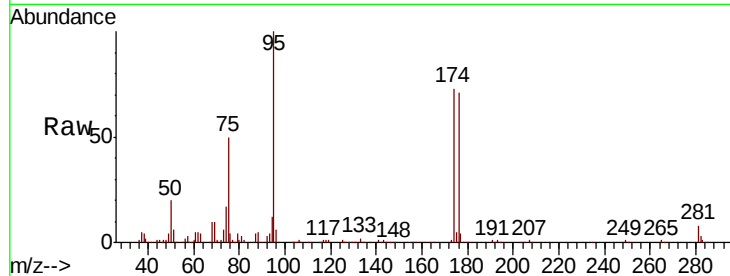




#62
4-Bromofluorobenzene
Concen: 41.660 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001439.D
Acq: 30 Jan 2020 18:35

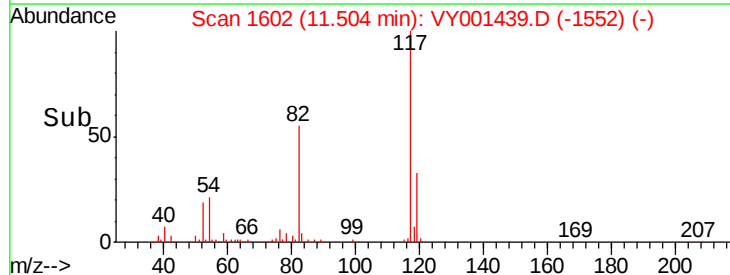
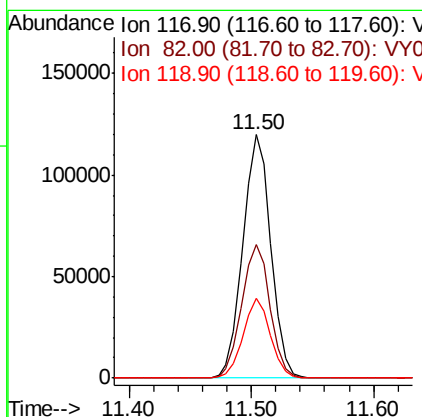
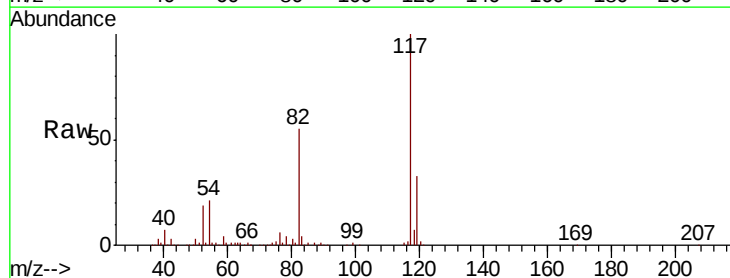
Instrument :
MSVOA_Y
ClientSampleId :

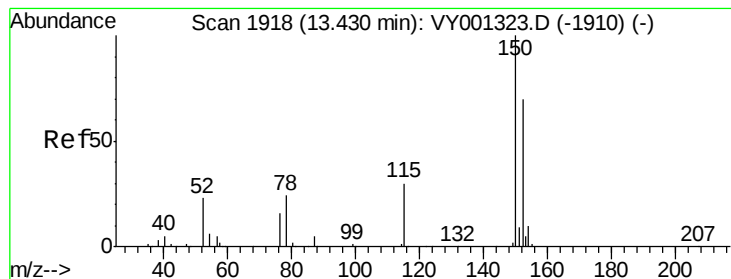
Tot Ion: 95 Resp: 84348
Ion Ratio Lower Upper
95 100
174 74.5 0.0 142.0
176 71.6 0.0 138.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001439.D
Acq: 30 Jan 2020 18:35

Tgt Ion: 117 Resp: 189539
Ion Ratio Lower Upper
117 100
82 55.1 45.5 68.3
119 32.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001439.D

Acq: 30 Jan 2020 18:35

Instrument :

MSVOA_Y

ClientSampleId :

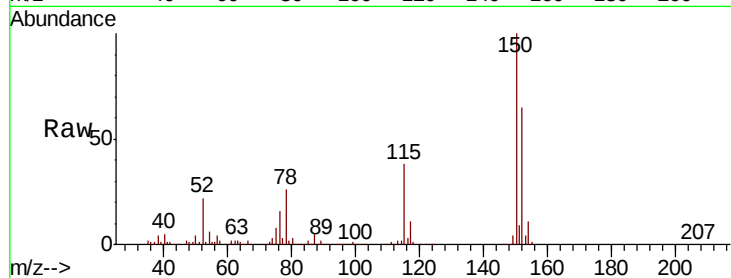
Tot Ion:152 Resp: 76789

Ion Ratio Lower Upper

152 100

115 61.0 30.9 92.8

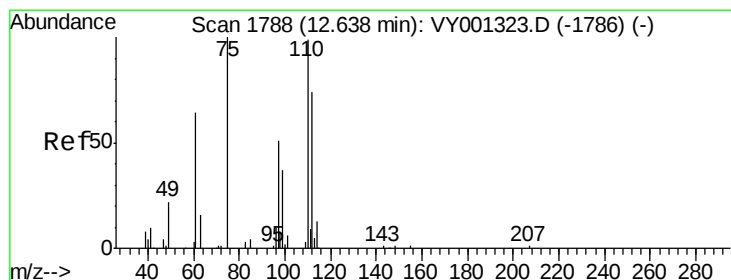
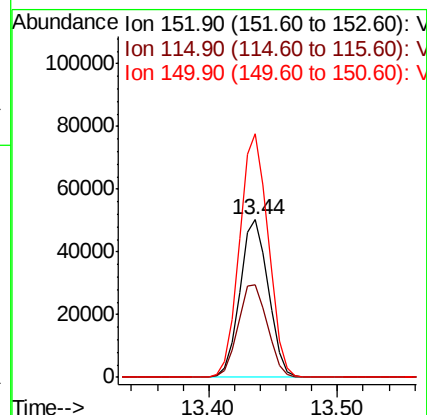
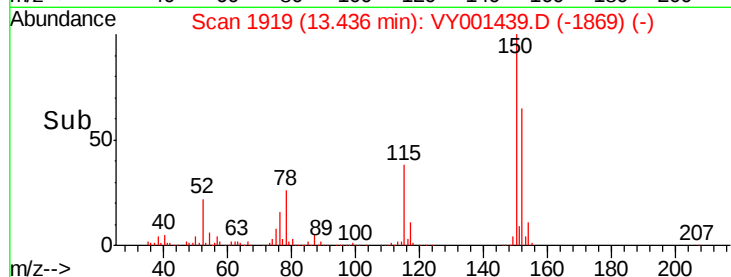
150 156.6 0.0 349.2



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: 45.977 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001439.D

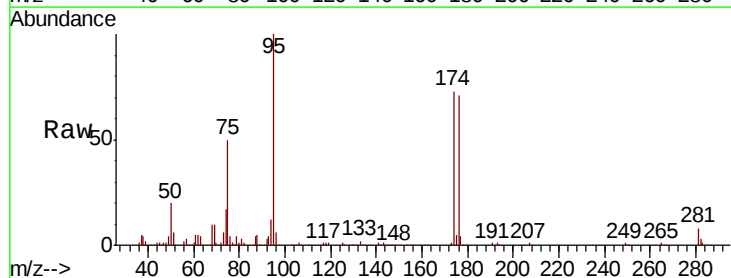
Acq: 30 Jan 2020 18:35

Tgt Ion: 75 Resp: 42543

Ion Ratio Lower Upper

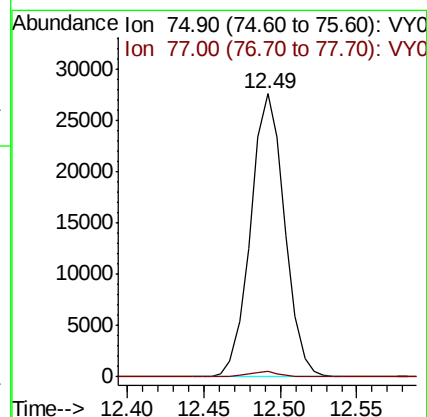
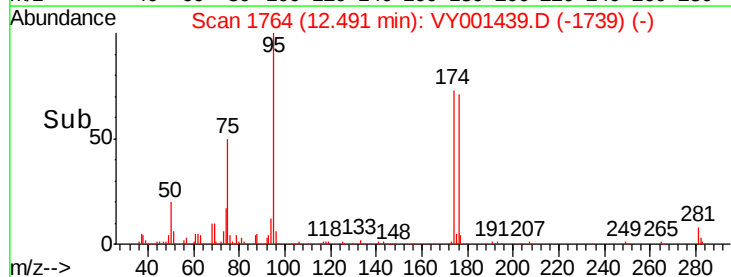
75 100

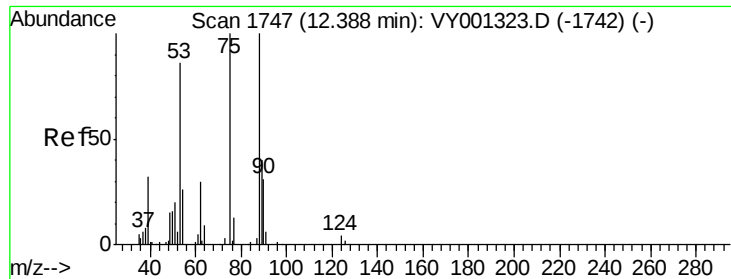
77 1.7 0.0 0.0#



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: 87.006 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001439.D

Acq: 30 Jan 2020 18:35

Instrument :

MSVOA_Y

ClientSampleId :

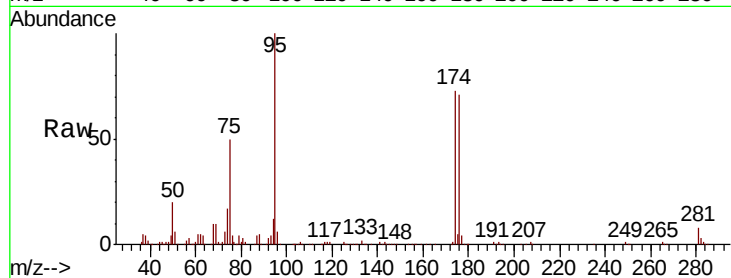
Tot Ion: 75 Resp: 42543

Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

89 0.3 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

