

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012920\
 Data File : VY001414.D
 Acq On : 29 Jan 2020 11:24
 Operator : SY/MD
 Sample : VY0129SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBL01

Quant Time: Jan 29 15:18:51 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	176209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	323471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	296234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	135629	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	104524	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
35) Dibromofluoromethane	7.75	113	96335	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.20	98	385602	52.28	ug/l	0.01
Spiked Amount	50.000		Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.49	95	143313	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	

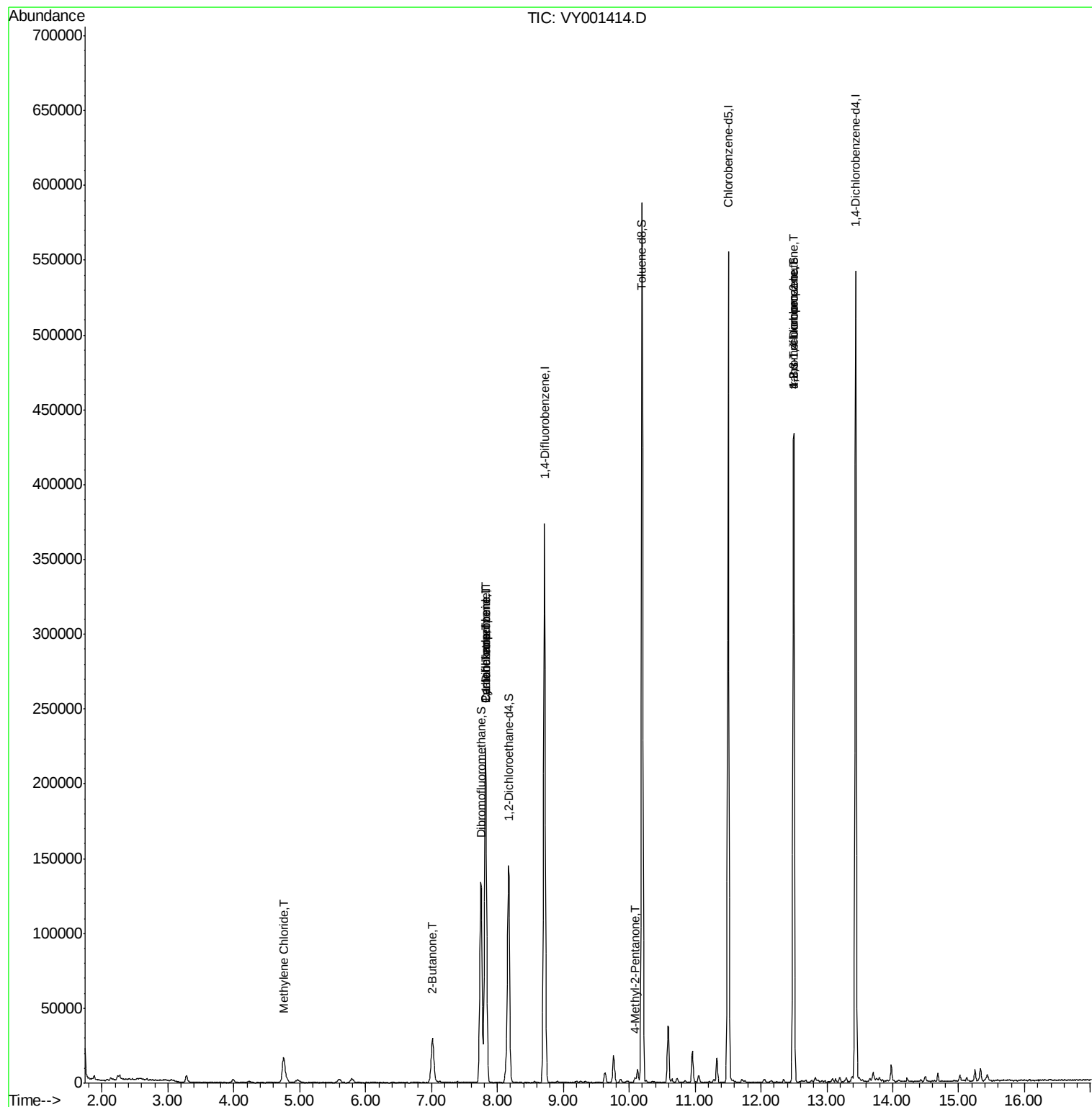
Target Compounds						Qvalue
11) Tert butyl alcohol	4.97	59	2664	Below Cal	#	74
13) Acrolein	3.78	56	75	Below Cal	#	62
20) Methylene Chloride	4.75	84	12640	1.20	ug/l	98
25) 2-Butanone	7.02	43	2353	2.82	ug/l	# 66
31) Cyclohexane	7.83	56	3920	1.06	ug/l	# 15
36) 1,1-Dichloropropene	7.82	75	13775	4.51	ug/l	# 49
38) Carbon Tetrachloride	7.82	117	16850	6.19	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.09	43	2283	1.22	ug/l	# 72
76) 1,2,3-Trichloropropane	12.49	75	70832	43.34	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	70832	82.02	ug/l	# 14

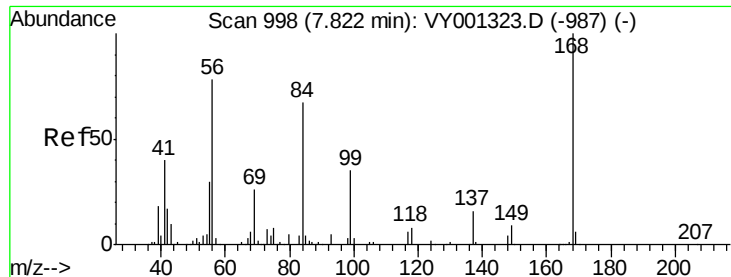
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY012920\
Data File : VY001414.D
Acq On : 29 Jan 2020 11:24
Operator : SY/MD
Sample : VY0129SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBL01

Quant Time: Jan 29 15:18:51 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: VY001414.D

Acq: 29 Jan 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

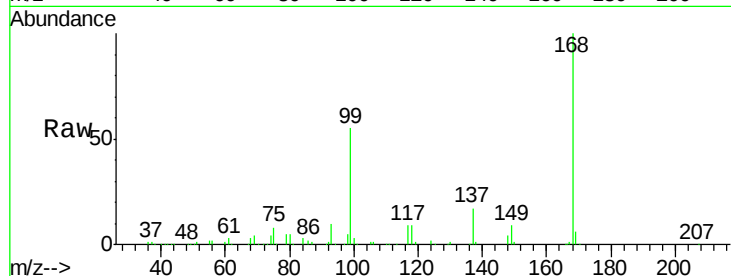
VY0129SBL01

Tgt Ion:168 Resp: 176209

Ion Ratio Lower Upper

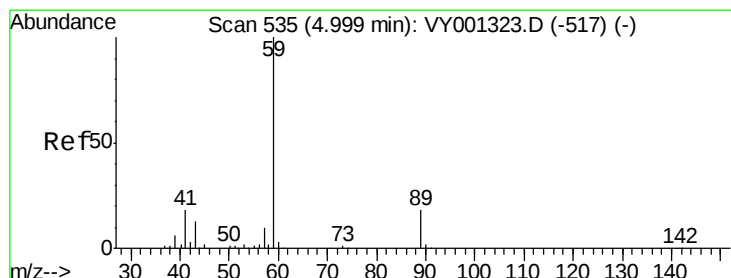
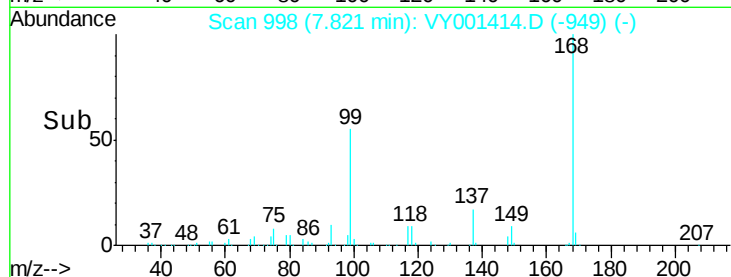
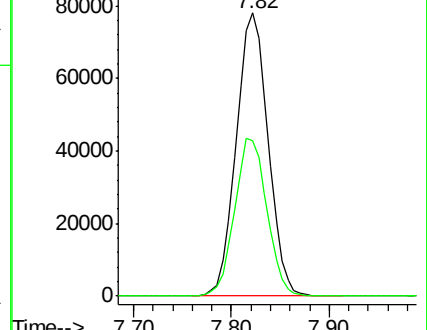
168 100

99 55.0 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 530

Delta R.T. -0.03 min

Lab File: VY001414.D

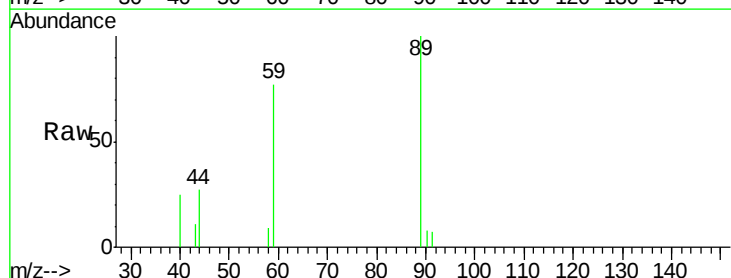
Acq: 29 Jan 2020 11:24

Tgt Ion: 59 Resp: 2664

Ion Ratio Lower Upper

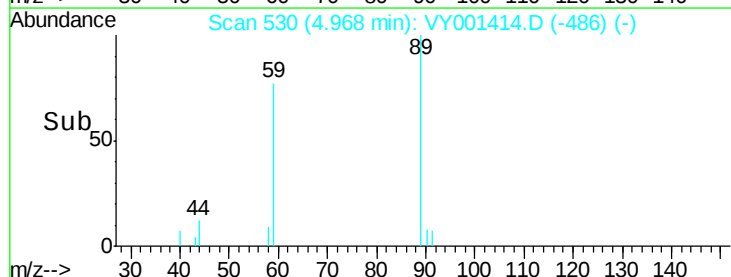
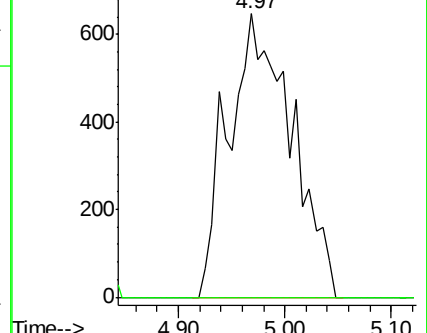
59 100

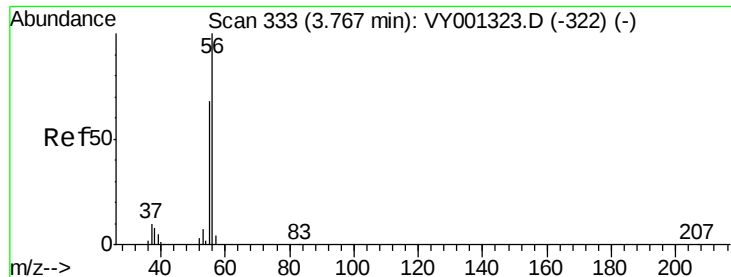
57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0





#13

Acrolein

Concen: Below Cal

RT: 3.78 min Scan# 335

Delta R.T. 0.01 min

Lab File: VY001414.D

Acq: 29 Jan 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

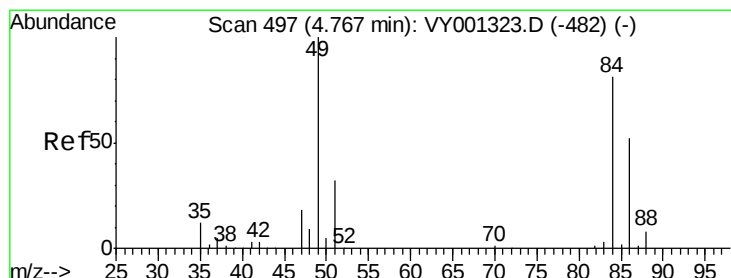
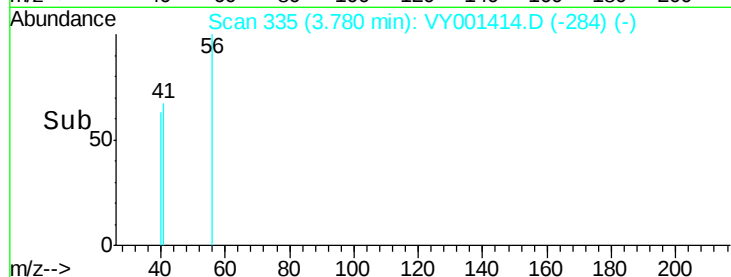
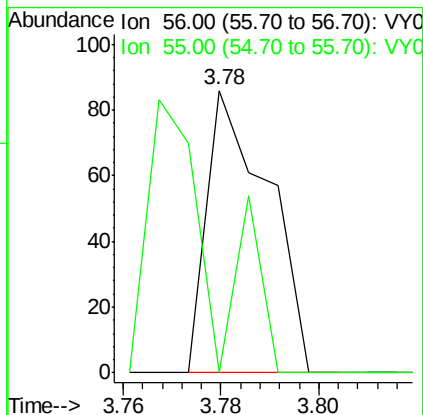
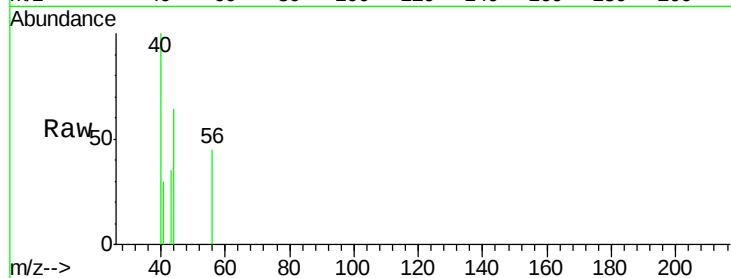
VY0129SBL01

Tgt Ion: 56 Resp: 75

Ion Ratio Lower Upper

56 100

55 101.3 55.9 83.9#



#20

Methylene Chloride

Concen: 1.20 ug/l

RT: 4.75 min Scan# 495

Delta R.T. -0.01 min

Lab File: VY001414.D

Acq: 29 Jan 2020 11:24

Tgt Ion: 84 Resp: 12640

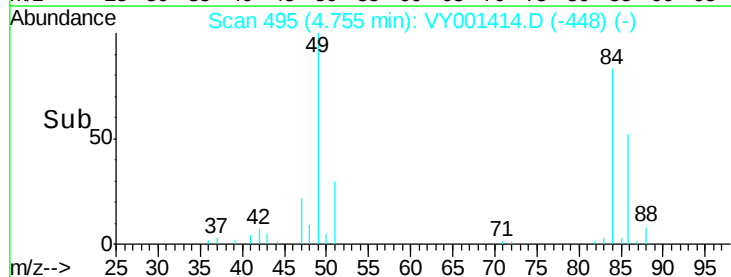
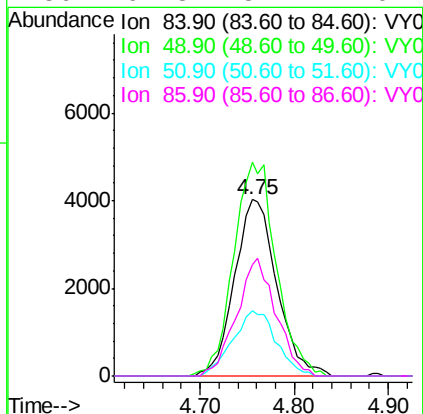
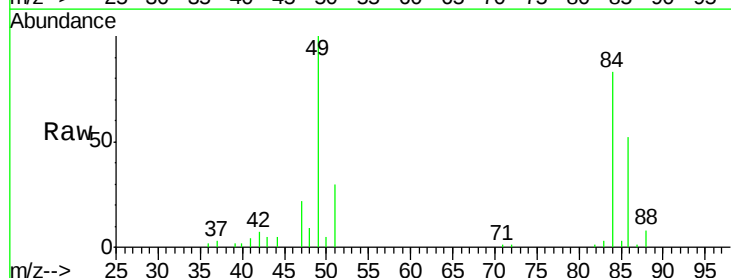
Ion Ratio Lower Upper

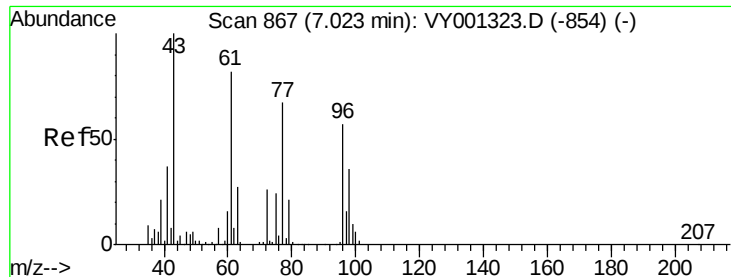
84 100

49 121.1 98.3 147.5

51 36.9 31.6 47.4

86 62.8 51.1 76.7





#25

2-Butanone

Concen: 2.82 ug/l

RT: 7.02 min Scan# 867

Delta R.T. -0.00 min

Lab File: VY001414.D

Acq: 29 Jan 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

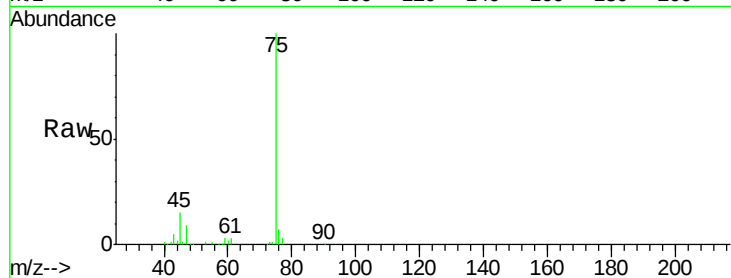
VY0129SBL01

Tgt Ion: 43 Resp: 2353

Ion Ratio Lower Upper

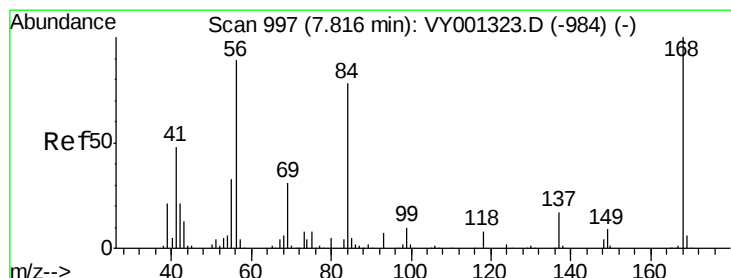
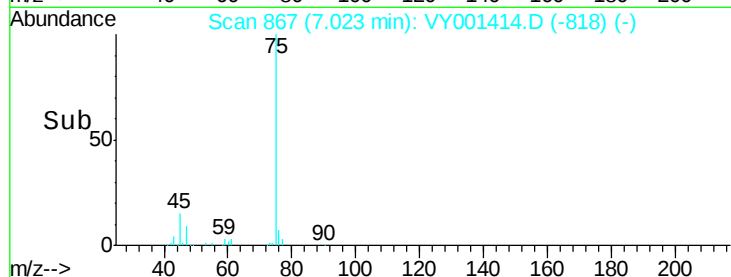
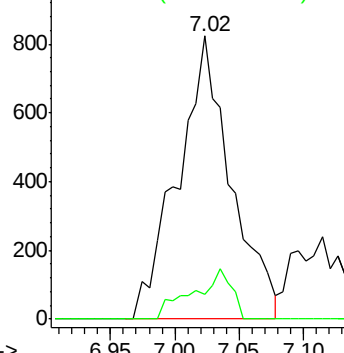
43 100

72 8.7 20.6 31.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#31

Cyclohexane

Concen: 1.06 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001414.D

Acq: 29 Jan 2020 11:24

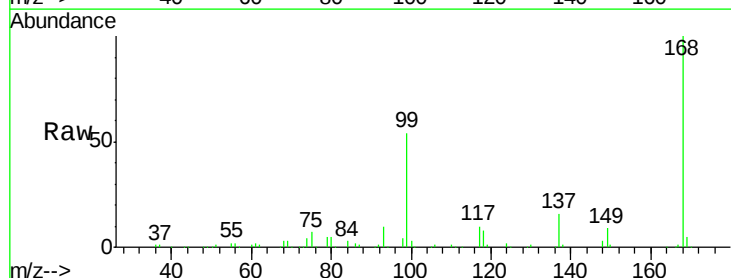
Tgt Ion: 56 Resp: 3920

Ion Ratio Lower Upper

56 100

69 150.0 27.6 41.4#

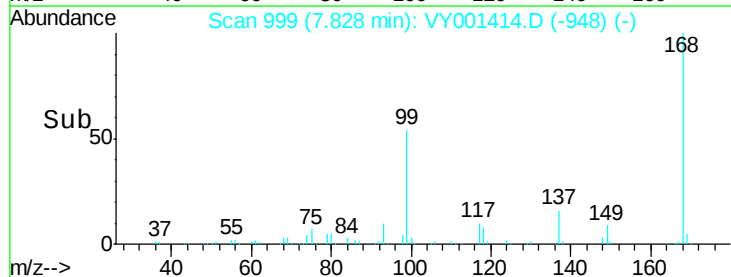
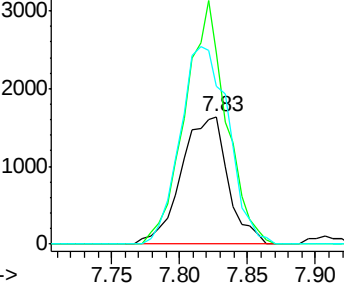
84 123.9 69.7 104.5#

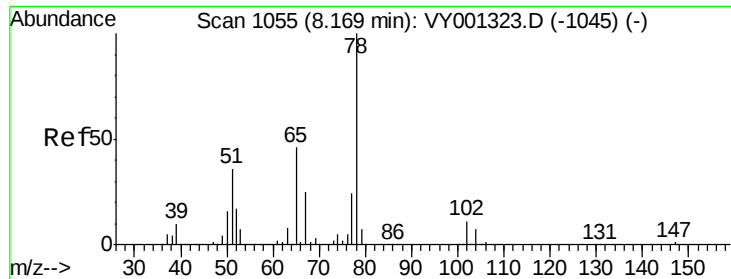


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

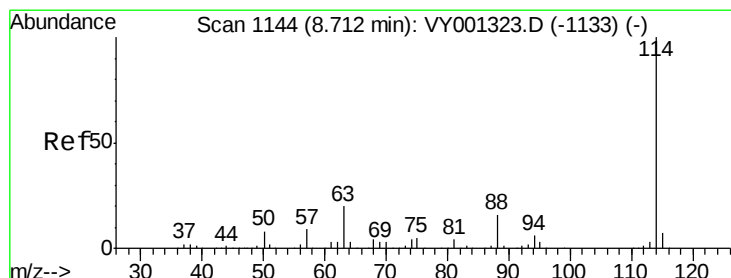
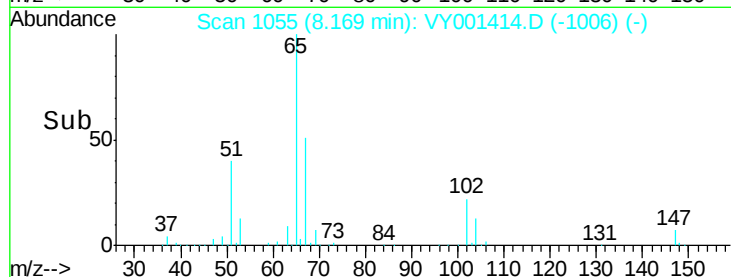
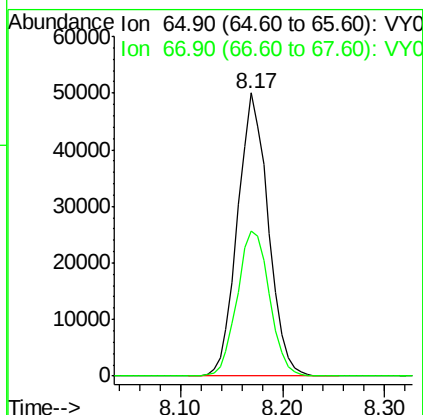
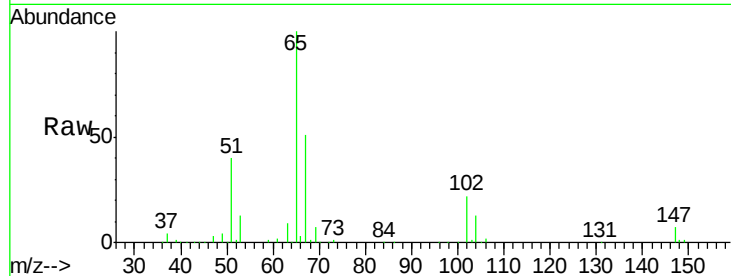




#33
 1,2-Dichloroethane-d4
 Concen: 54.51 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001414.D
 Acq: 29 Jan 2020 11:24

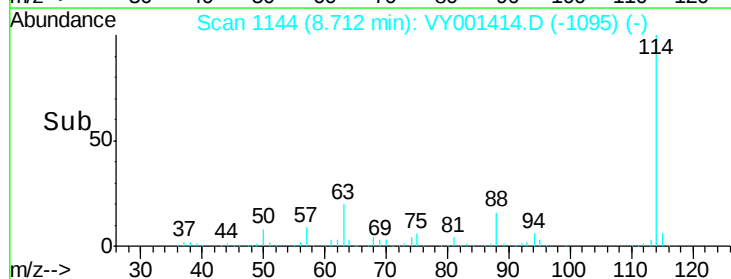
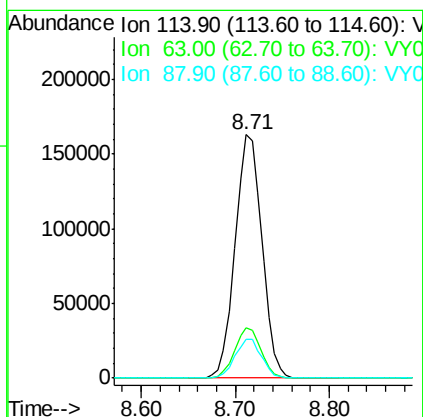
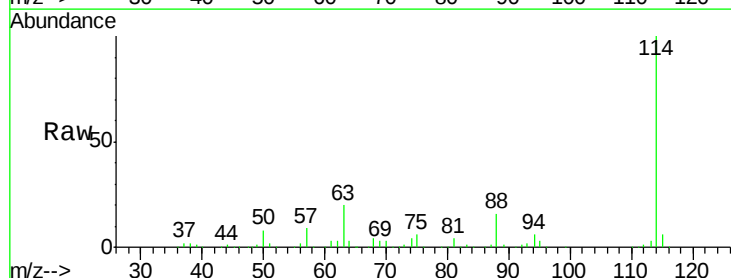
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBL01

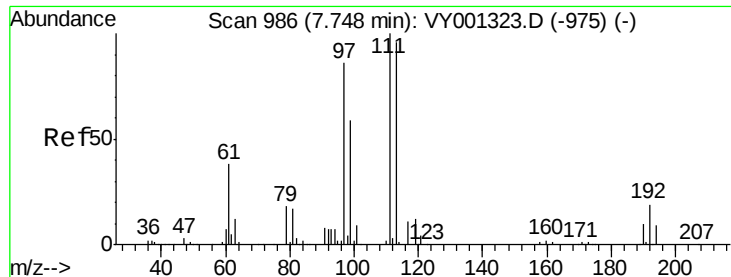
Tgt Ion: 65 Resp: 104524
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001414.D
 Acq: 29 Jan 2020 11:24

Tgt Ion: 114 Resp: 323471
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 15.7 0.0 31.0

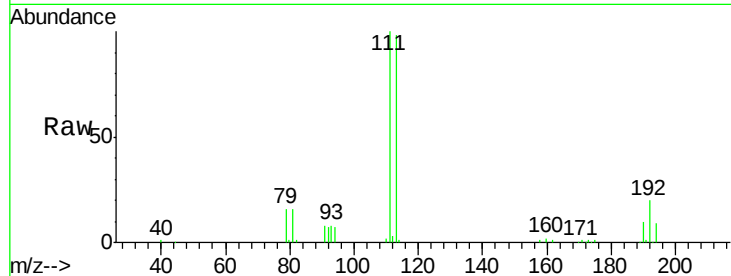




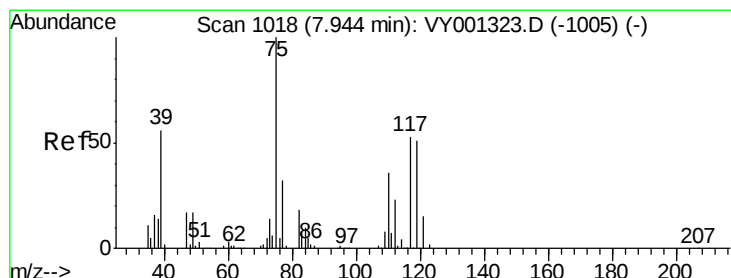
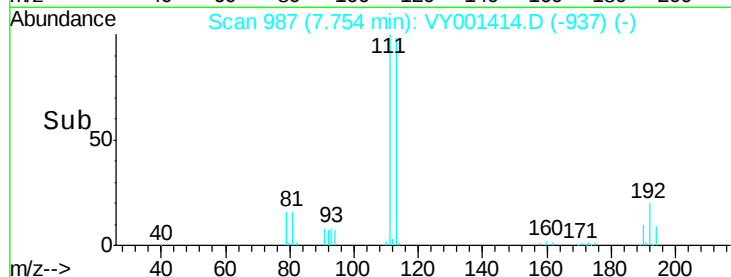
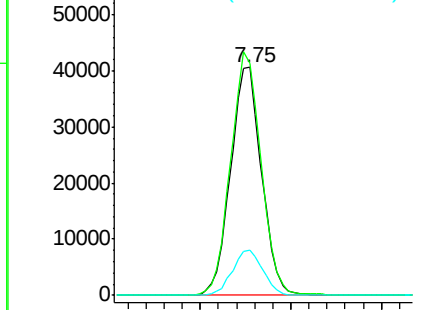
#35
 Dibromofluoromethane
 Concen: 50.74 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001414.D
 Acq: 29 Jan 2020 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBL01

Tgt Ion:113 Resp: 96335
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.8 124.2
 192 19.4 15.5 23.3

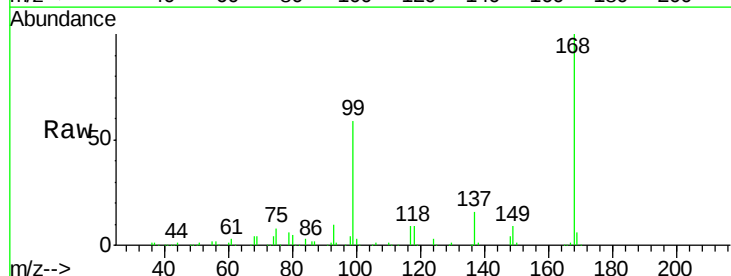


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

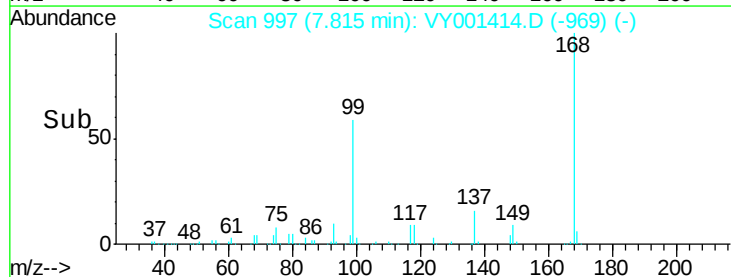
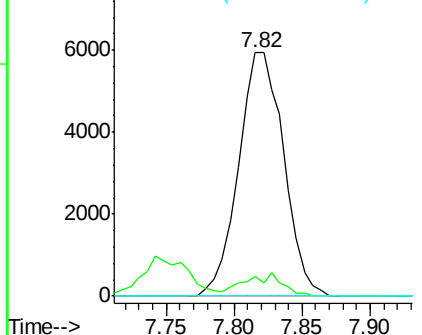


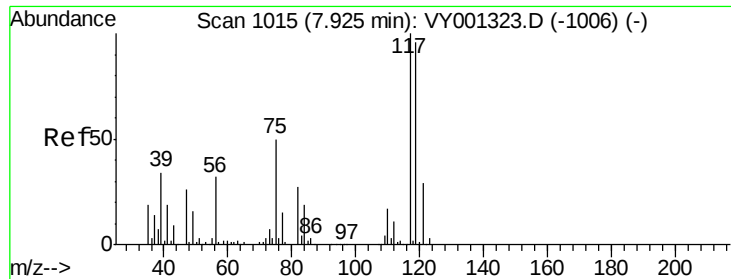
#36
 1,1-Dichloropropene
 Concen: 4.51 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001414.D
 Acq: 29 Jan 2020 11:24

Tgt Ion: 75 Resp: 13775
 Ion Ratio Lower Upper
 75 100
 110 7.9 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

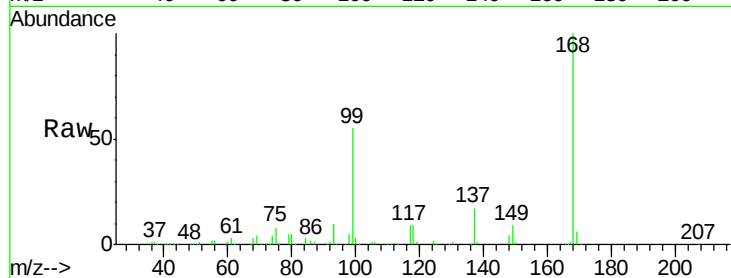




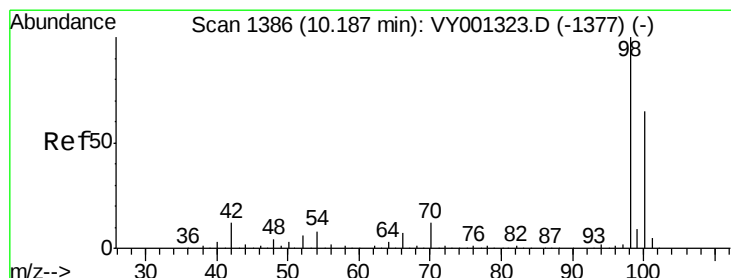
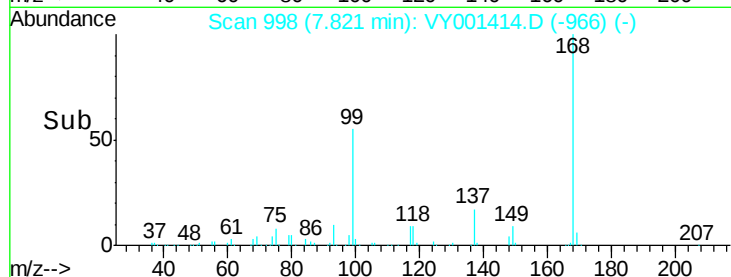
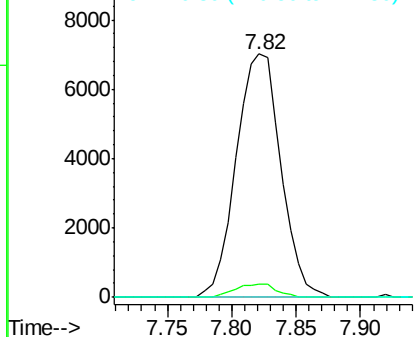
#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY001414.D
Acq: 29 Jan 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBL01

Tgt Ion:117 Resp: 16850
Ion Ratio Lower Upper
117 100
119 5.6 76.3 114.5#
121 0.0 23.5 35.3#

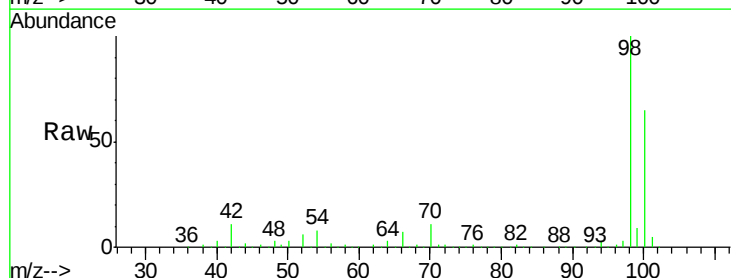


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

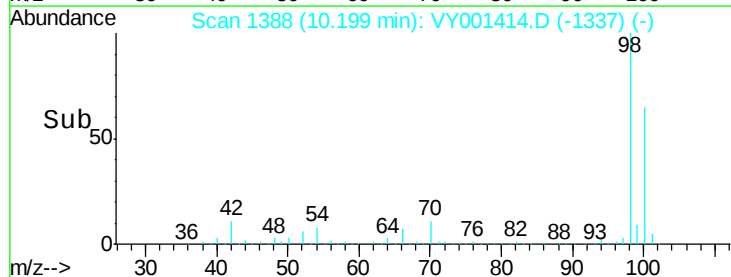
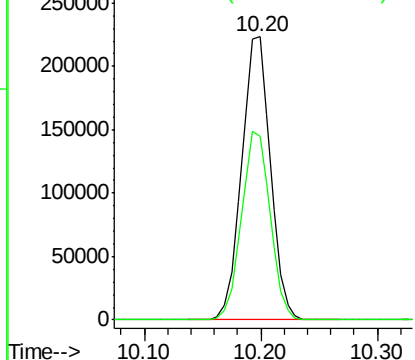


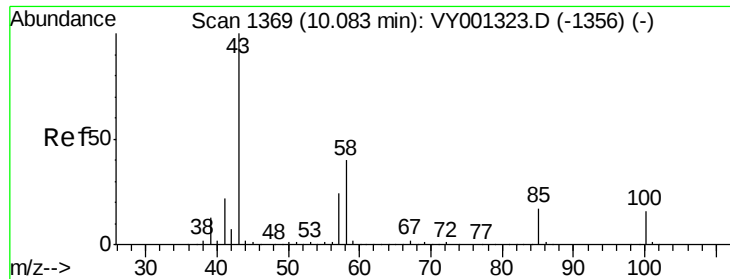
#50
Toluene-d8
Concen: 52.28 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001414.D
Acq: 29 Jan 2020 11:24

Tgt Ion: 98 Resp: 385602
Ion Ratio Lower Upper
98 100
100 66.5 52.6 79.0



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

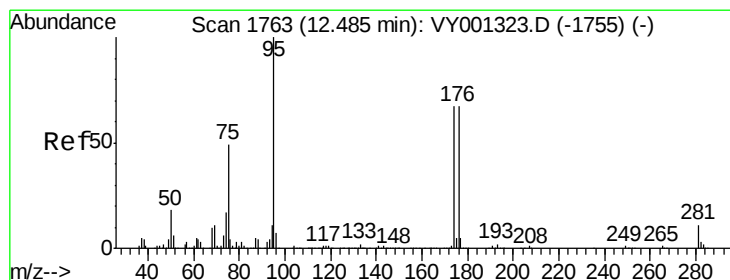
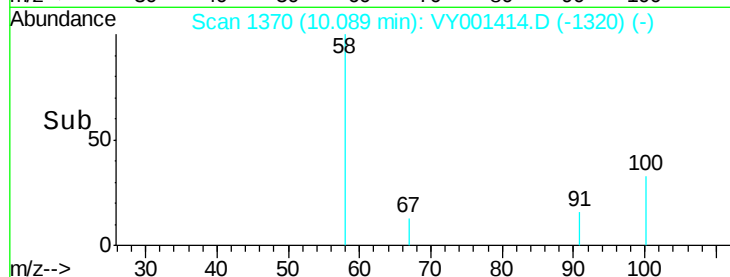
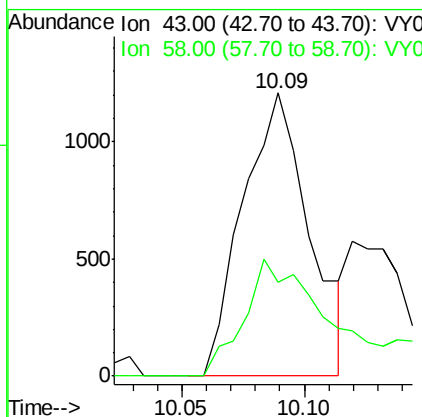
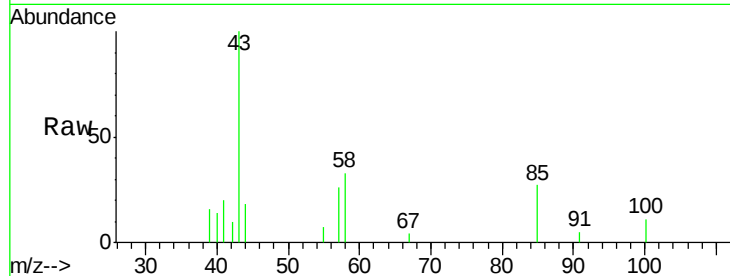




#51
 4-Methyl-2-Pentanone
 Concen: 1.22 ug/l
 RT: 10.09 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VY001414.D
 Acq: 29 Jan 2020 11:24

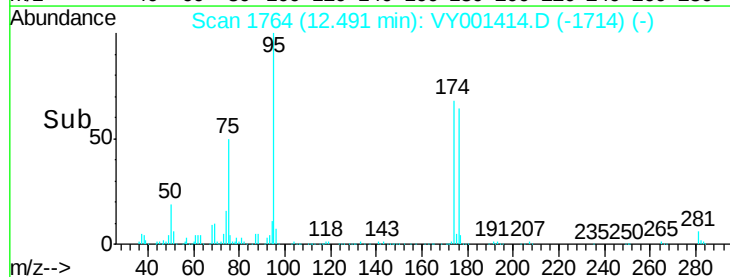
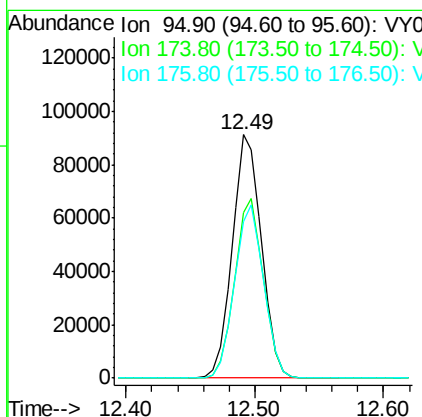
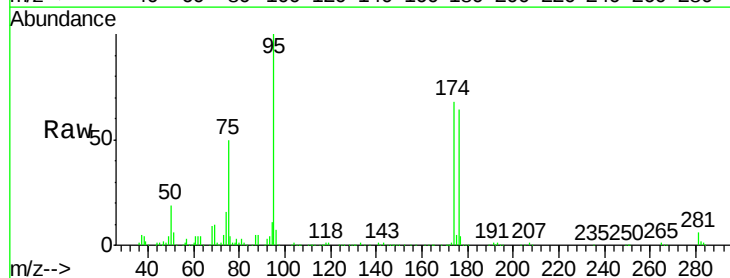
Instrument :
 MSVOA_Y
 ClientSampled :
 VY0129SBL01

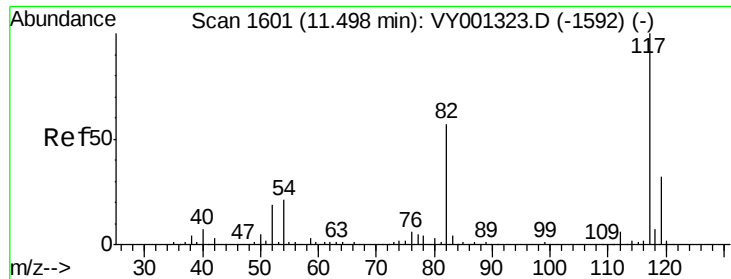
Tgt Ion: 43 Resp: 2283
 Ion Ratio Lower Upper
 43 100
 58 56.5 31.5 47.3#



#62
 4-Bromofluorobenzene
 Concen: 48.79 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001414.D
 Acq: 29 Jan 2020 11:24

Tgt Ion: 95 Resp: 143313
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 142.0
 176 70.8 0.0 138.6

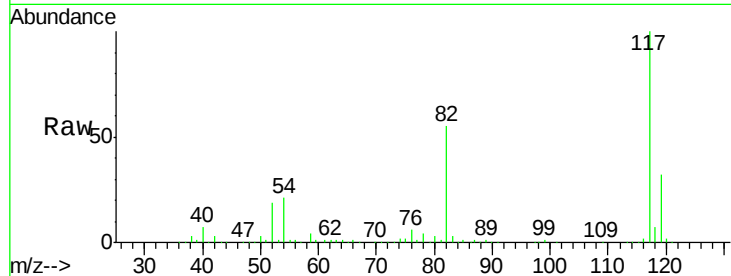




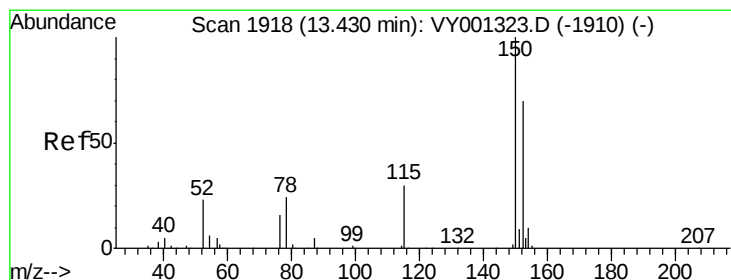
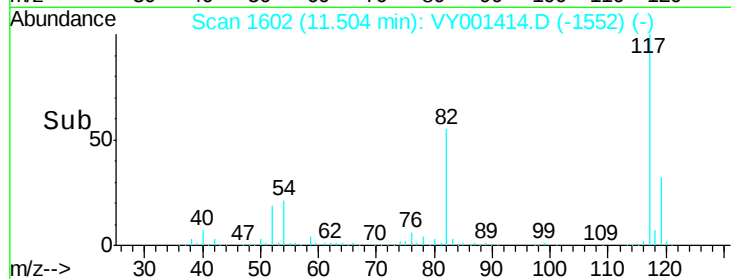
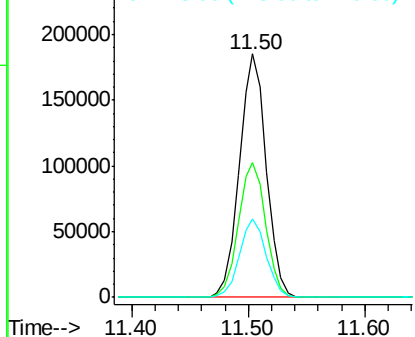
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001414.D
Acq: 29 Jan 2020 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBL01

Tgt Ion:117 Resp: 296234
Ion Ratio Lower Upper
117 100
82 55.5 45.5 68.3
119 32.1 25.8 38.6

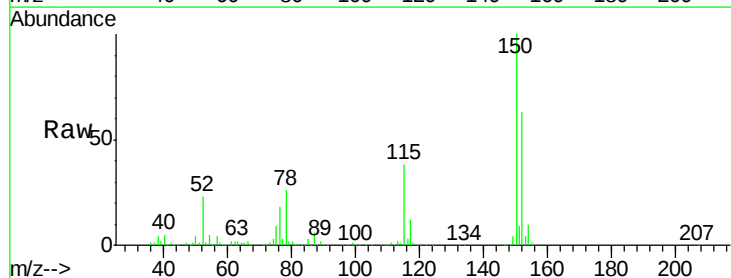


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

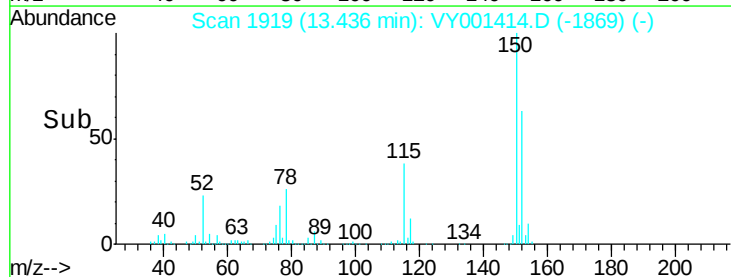
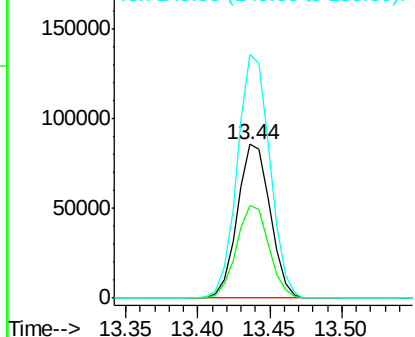


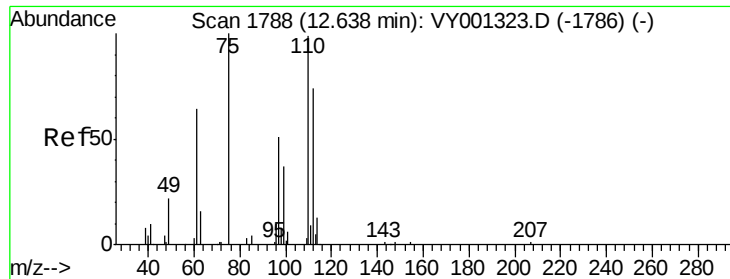
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001414.D
Acq: 29 Jan 2020 11:24

Tgt Ion:152 Resp: 135629
Ion Ratio Lower Upper
152 100
115 59.9 30.9 92.8
150 157.3 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: 43.34 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001414.D

Acq: 29 Jan 2020 11:24

Instrument :

MSVOA_Y

ClientSampleId :

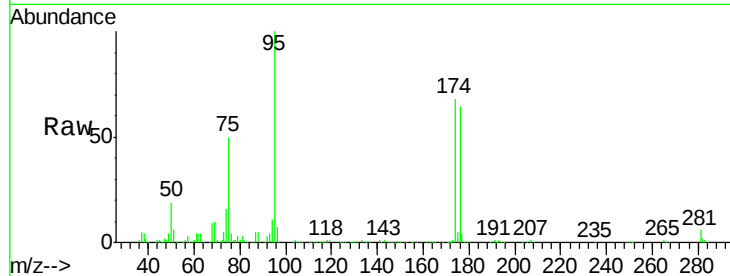
VY0129SBL01

Tgt Ion: 75 Resp: 70832

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

12.49

50000

40000

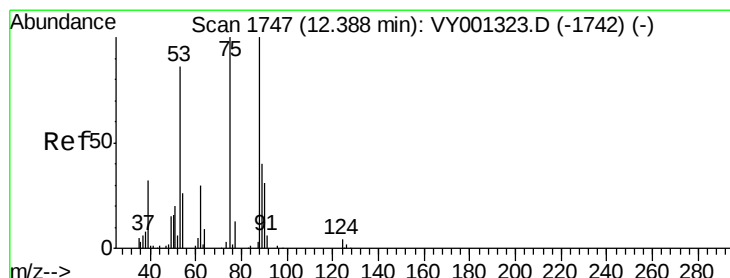
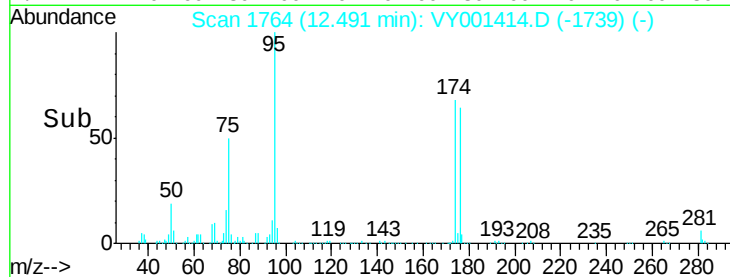
30000

20000

10000

0

Time--> 12.40 12.45 12.50 12.55



#81

trans-1,4-Dichloro-2-butene

Concen: 82.02 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001414.D

Acq: 29 Jan 2020 11:24

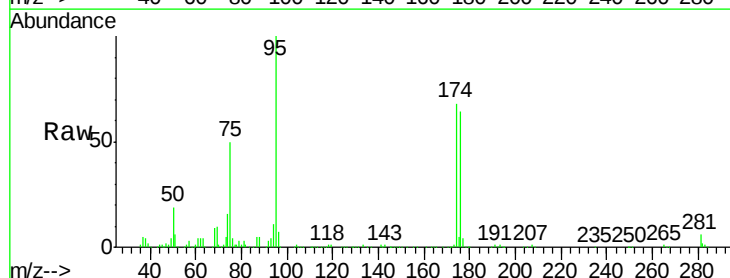
Tgt Ion: 75 Resp: 70832

Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

89 0.0 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

12.49

60000

50000

40000

30000

20000

10000

0

Time--> 12.40 12.45 12.50 12.55

