

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061020\
 Data File : VY002873.D
 Acq On : 10 Jun 2020 10:44
 Operator : SY/MD
 Sample : VY0610SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBL01

Quant Time: Jun 11 02:02:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	267781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	430472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	408851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	206024	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	128719	55.36	ug/l	0.00
Spiked Amount			Recovery	=	110.72%	
35) Dibromofluoromethane	7.72	113	131574	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
50) Toluene-d8	10.18	98	503346	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.49	95	170744	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	

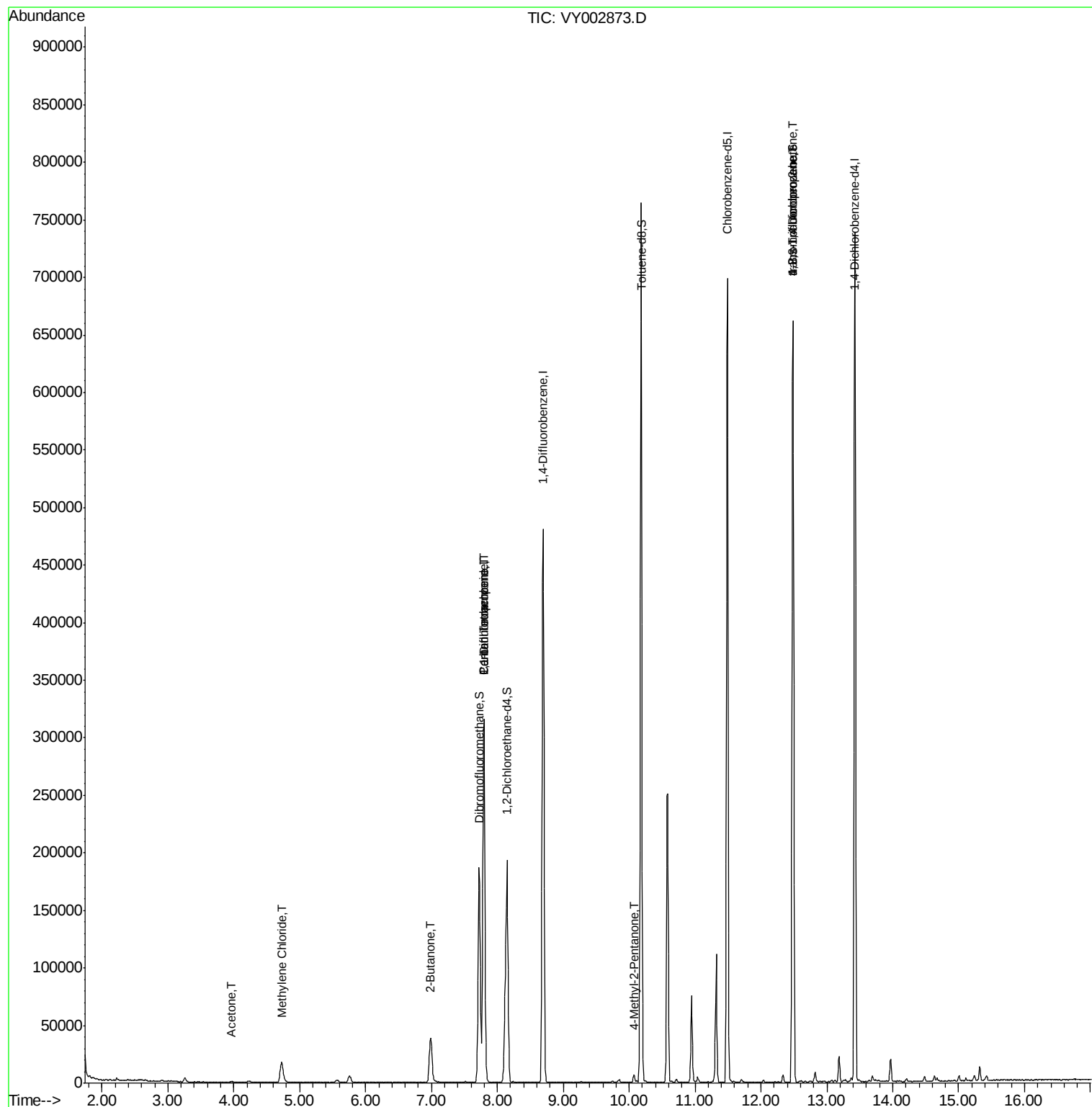
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.95	59	1172	Below Cal	#	74
16) Acetone	3.96	43	1514	2.78	ug/l	95
18) Methyl Acetate	4.51	43	626	Below Cal	#	48
20) Methylene Chloride	4.72	84	14221	5.34	ug/l	98
25) 2-Butanone	6.99	43	1910	2.25	ug/l	# 60
36) 1,1-Dichloropropene	7.80	75	16698	4.60	ug/l	# 49
38) Carbon Tetrachloride	7.80	117	23260	5.77	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.07	43	4578	2.31	ug/l	99
76) 1,2,3-Trichloropropane	12.48	75	83599	45.03	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.48	75	83599	84.84	ug/l	# 17

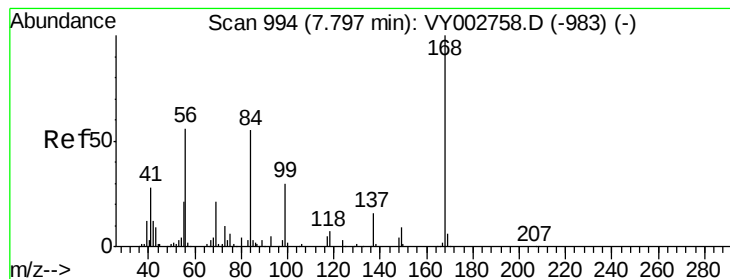
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY061020\
Data File : VY002873.D
Acq On : 10 Jun 2020 10:44
Operator : SY/MD
Sample : VY0610SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBL01

Quant Time: Jun 11 02:02:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002873.D

Acq: 10 Jun 2020 10:44

Instrument :

MSVOA_Y

ClientSampleId :

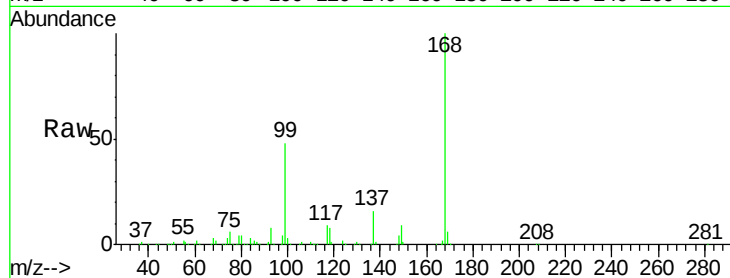
VY0610SBL01

Tgt Ion:168 Resp: 267781

Ion Ratio Lower Upper

168 100

99 47.6 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

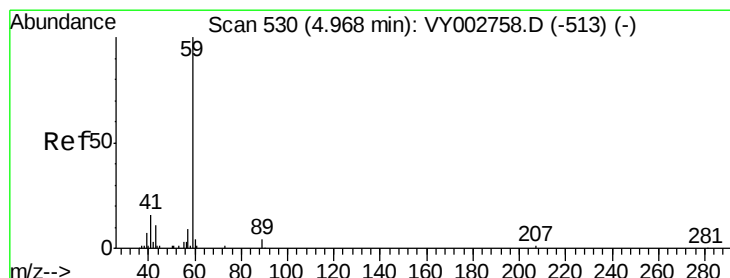
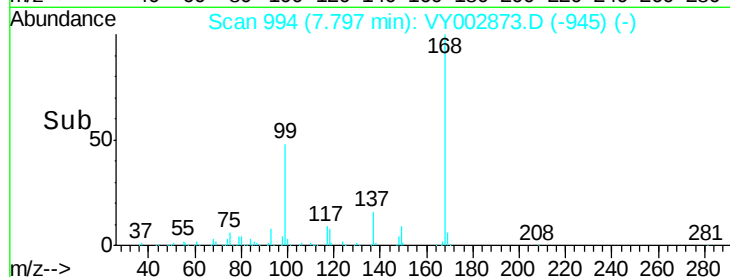
7.80

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.95 min Scan# 527

Delta R.T. -0.02 min

Lab File: VY002873.D

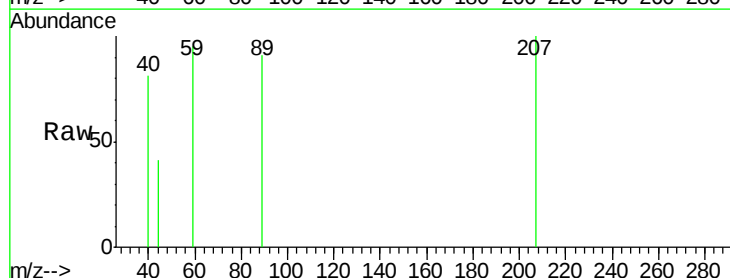
Acq: 10 Jun 2020 10:44

Tgt Ion: 59 Resp: 1172

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002758.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY002758.D (-513) (-)

4.95

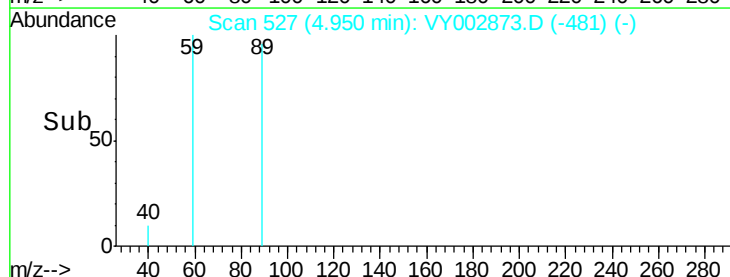
300

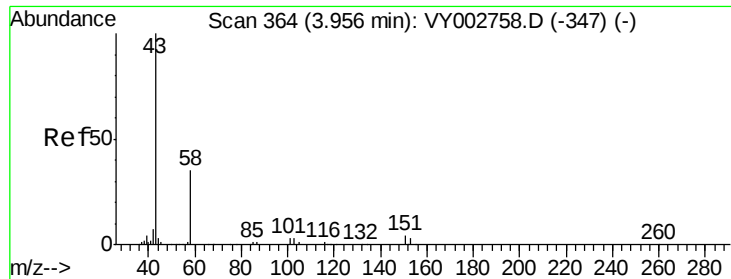
200

100

0

Time-->





#16

Acetone

Concen: 2.78 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002873.D

Acq: 10 Jun 2020 10:44

Instrument :

MSVOA_Y

ClientSampleId :

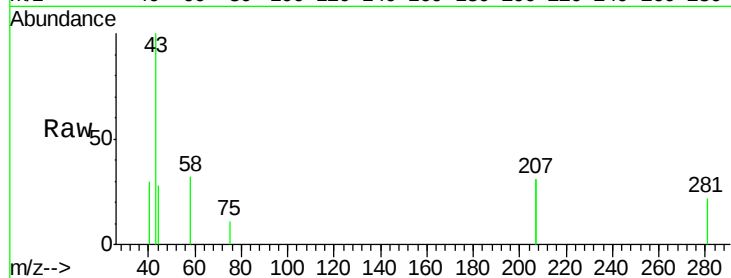
VY0610SBL01

Tgt Ion: 43 Resp: 1514

Ion Ratio Lower Upper

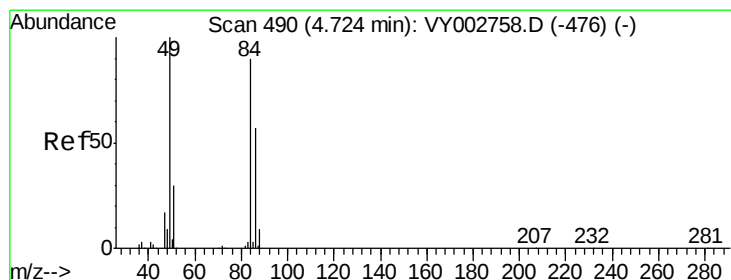
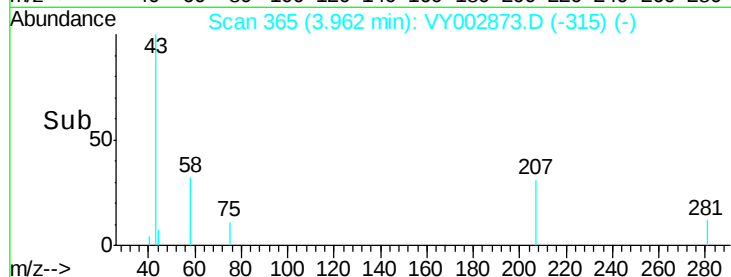
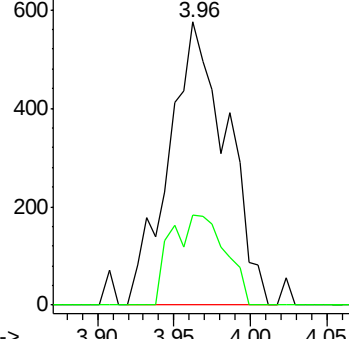
43 100

58 32.0 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 5.34 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002873.D

Acq: 10 Jun 2020 10:44

Tgt Ion: 84 Resp: 14221

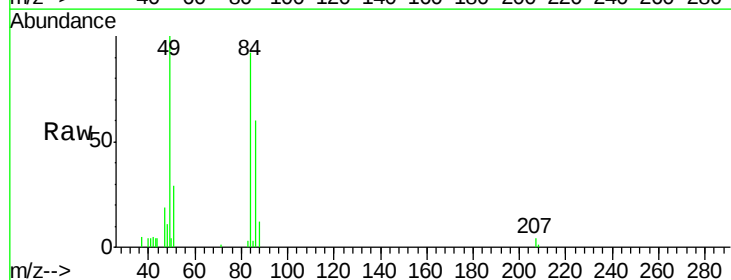
Ion Ratio Lower Upper

84 100

49 108.6 88.5 132.7

51 31.8 26.8 40.2

86 65.1 50.6 75.8

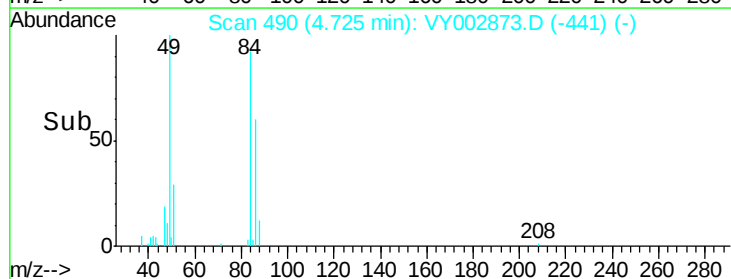
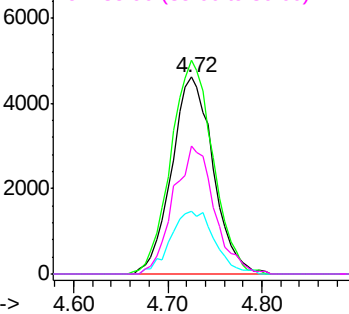


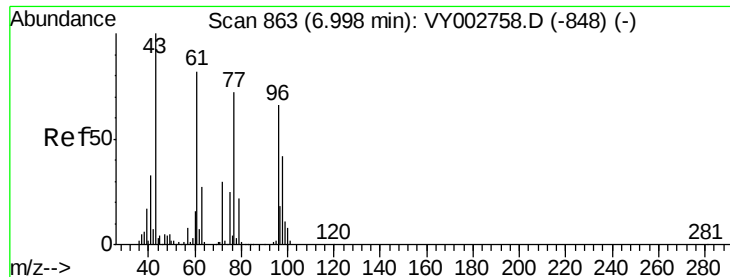
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#25

2-Butanone

Concen: 2.25 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002873.D

Acq: 10 Jun 2020 10:44

Instrument :

MSVOA_Y

ClientSampleId :

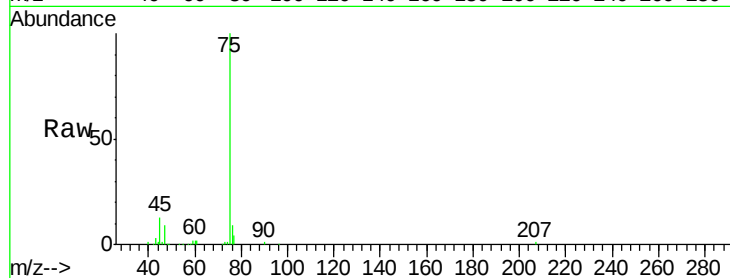
VY0610SBL01

Tgt Ion: 43 Resp: 1910

Ion Ratio Lower Upper

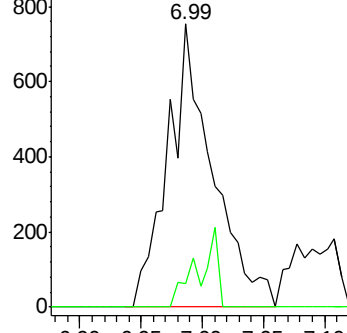
43 100

72 8.2 23.9 35.9#

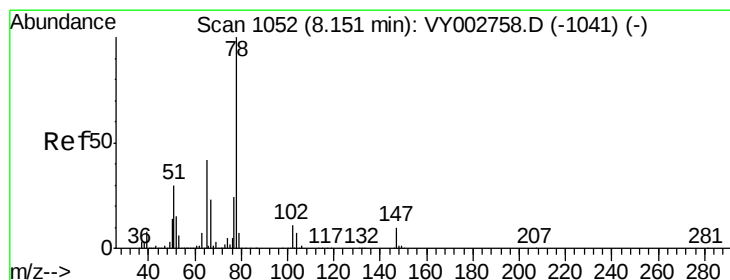
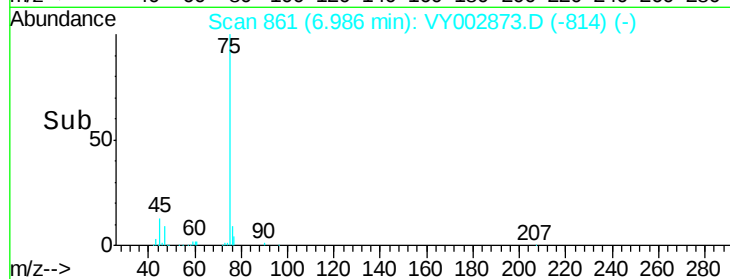


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.36 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002873.D

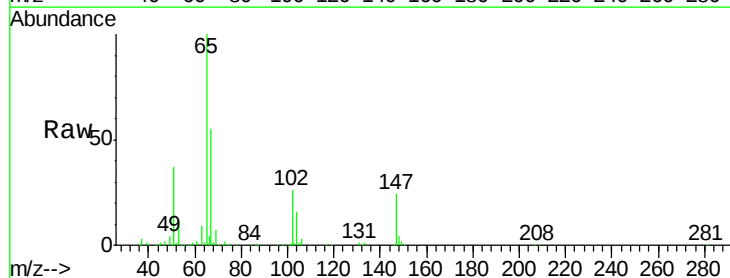
Acq: 10 Jun 2020 10:44

Tgt Ion: 65 Resp: 128719

Ion Ratio Lower Upper

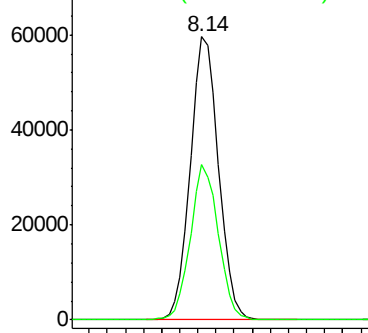
65 100

67 54.4 0.0 111.0

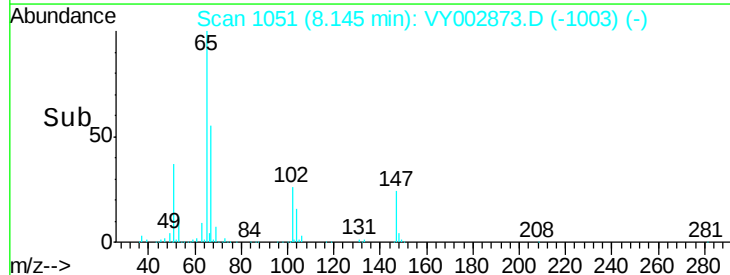


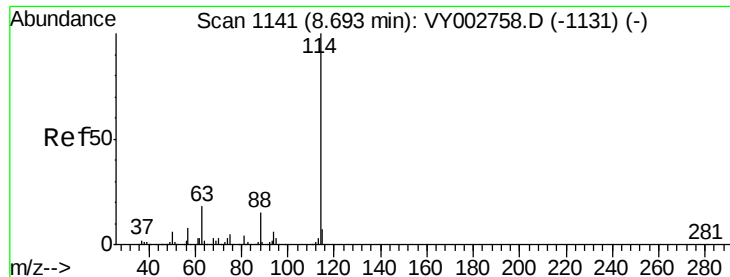
Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



Time-->

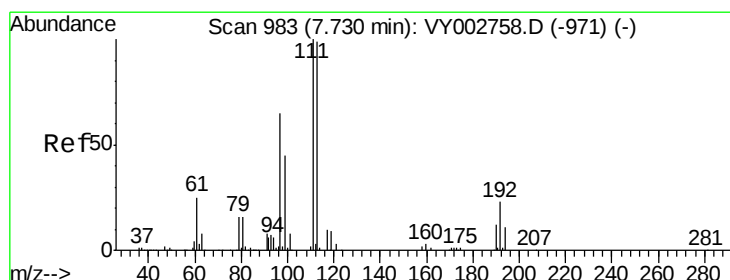
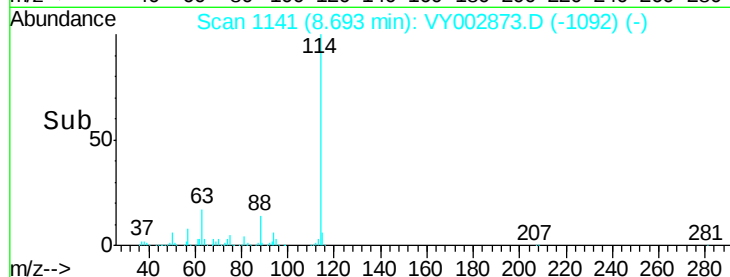
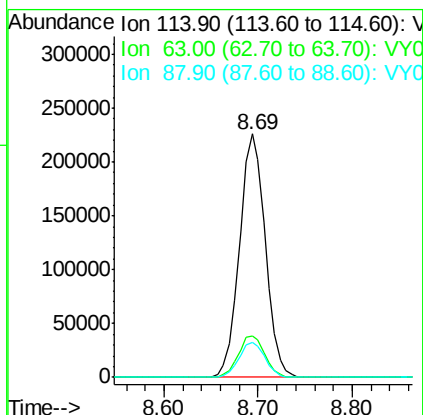
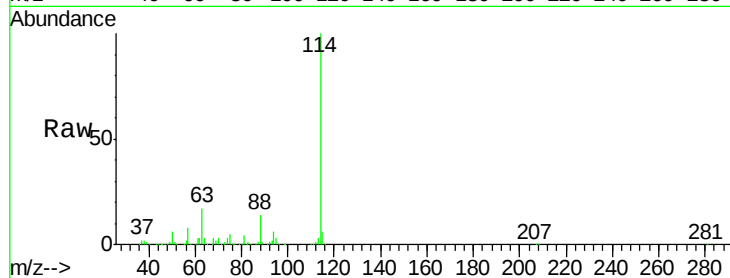




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002873.D
 Acq: 10 Jun 2020 10:44

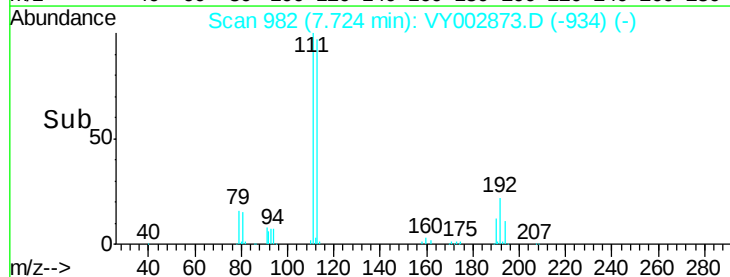
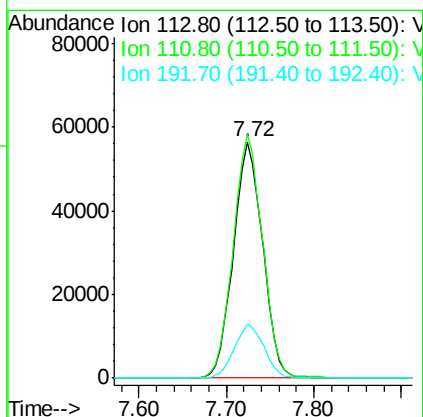
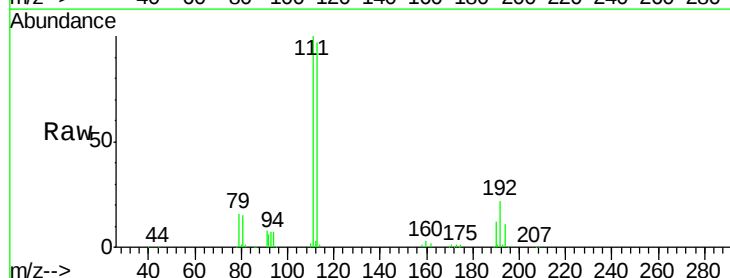
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBL01

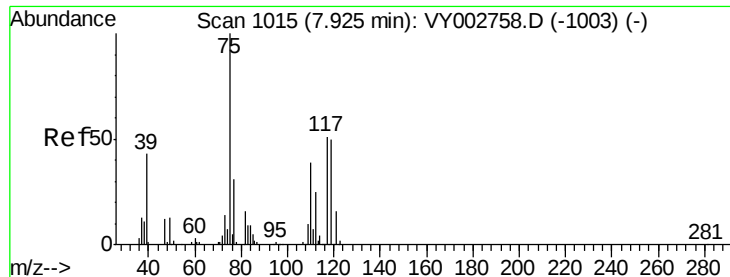
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.2
88	14.4	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 52.15 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002873.D
 Acq: 10 Jun 2020 10:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.0	123.0
192	23.2	18.9	28.3





#36

1,1-Dichloropropene

Concen: 4.60 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002873.D

Acq: 10 Jun 2020 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBL01

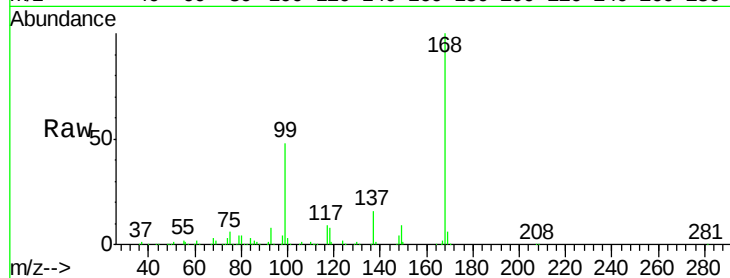
Tgt Ion: 75 Resp: 16698

Ion Ratio Lower Upper

75 100

110 9.9 19.3 57.9#

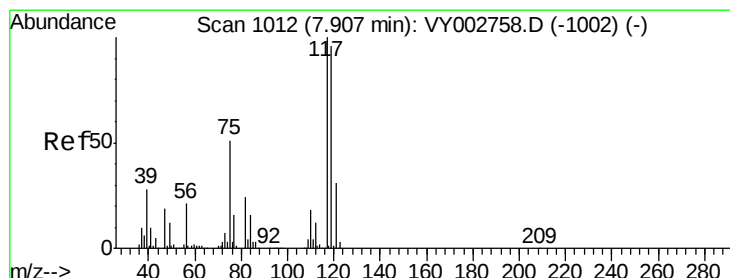
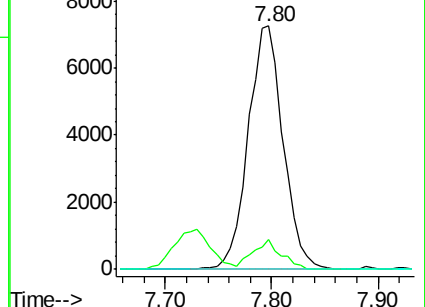
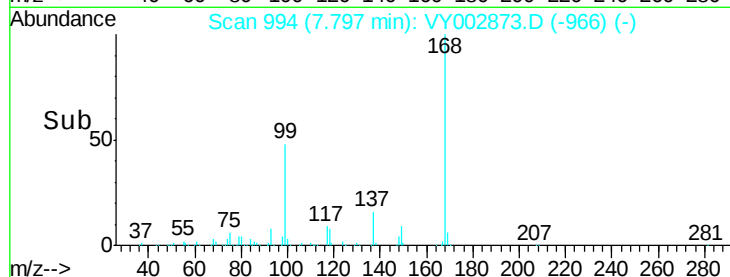
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VY002873.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY002873.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY002873.D (-966) (-)



#38

Carbon Tetrachloride

Concen: 5.77 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002873.D

Acq: 10 Jun 2020 10:44

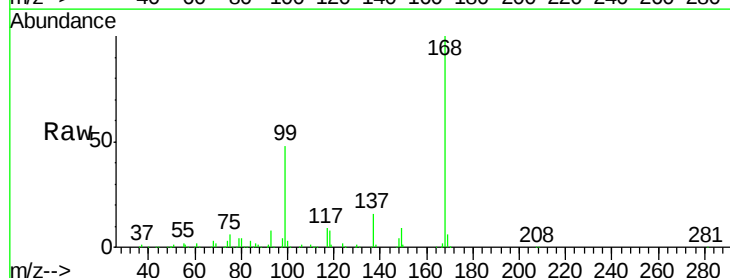
Tgt Ion: 117 Resp: 23260

Ion Ratio Lower Upper

117 100

119 5.8 76.8 115.2#

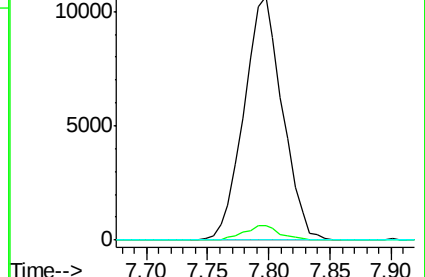
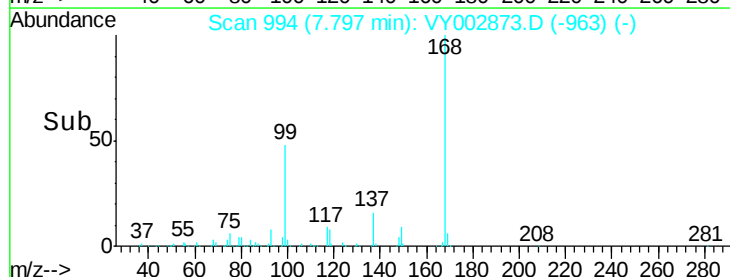
121 0.0 24.8 37.2#

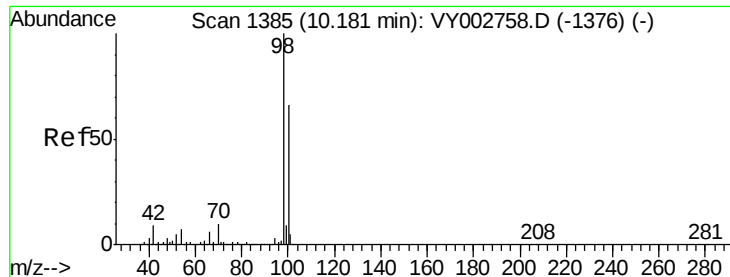


Abundance Ion 116.80 (116.50 to 117.50): VY002873.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY002873.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY002873.D (-963) (-)





#50

Toluene-d8

Concen: 49.35 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002873.D

Acq: 10 Jun 2020 10:44

Instrument :

MSVOA_Y

ClientSampleId :

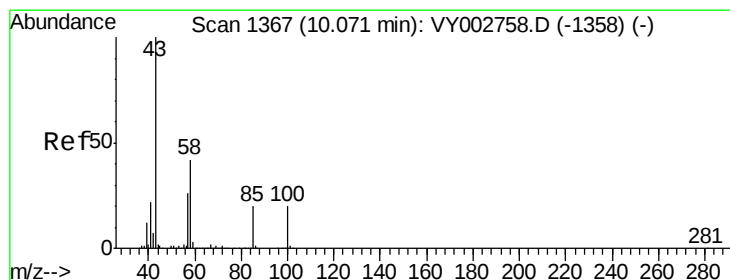
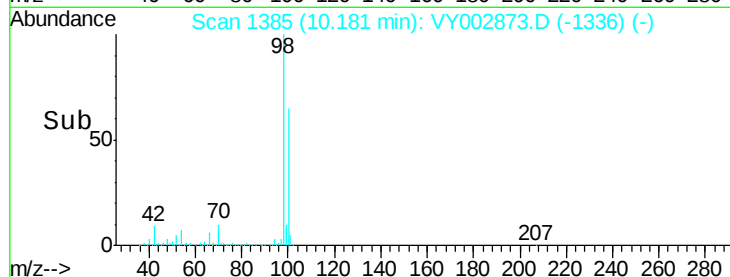
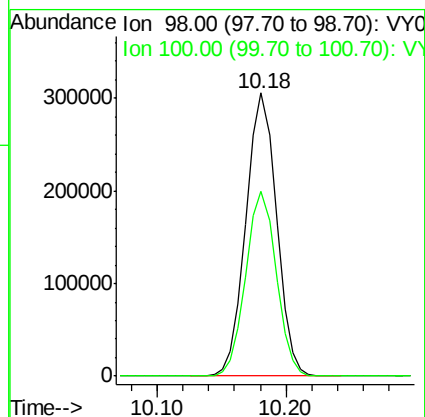
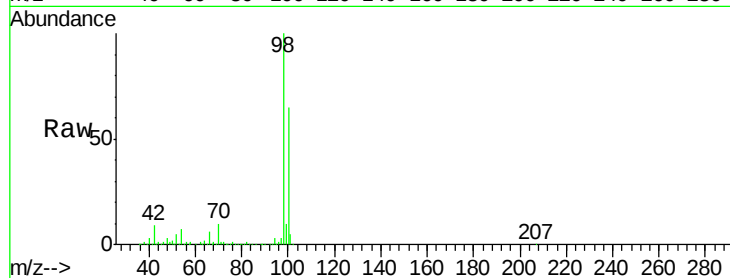
VY0610SBL01

Tgt Ion: 98 Resp: 503346

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 2.31 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002873.D

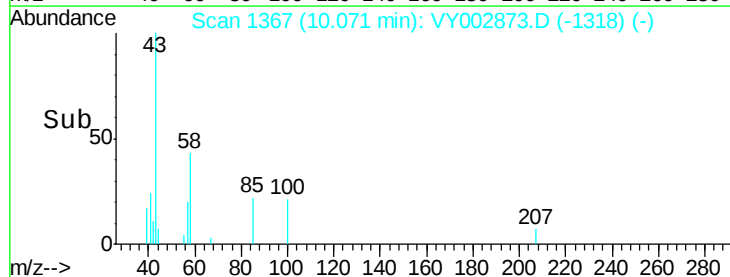
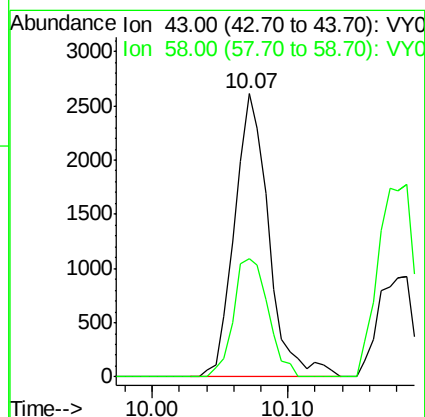
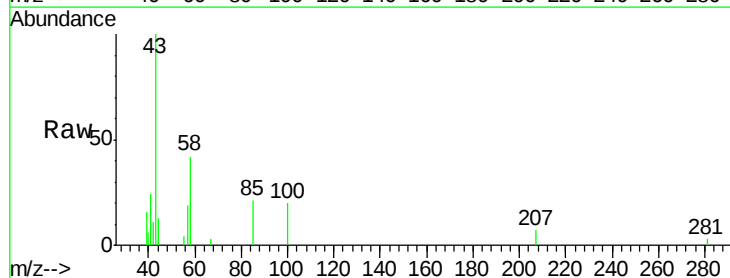
Acq: 10 Jun 2020 10:44

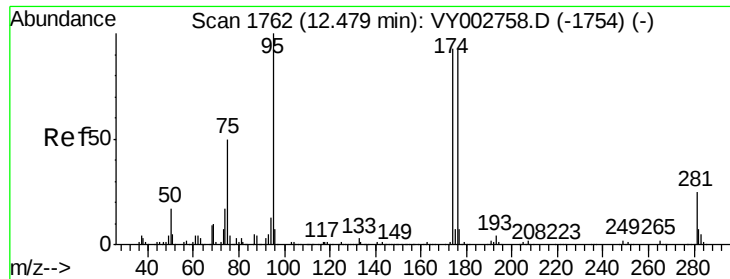
Tgt Ion: 43 Resp: 4578

Ion Ratio Lower Upper

43 100

58 42.2 34.2 51.2

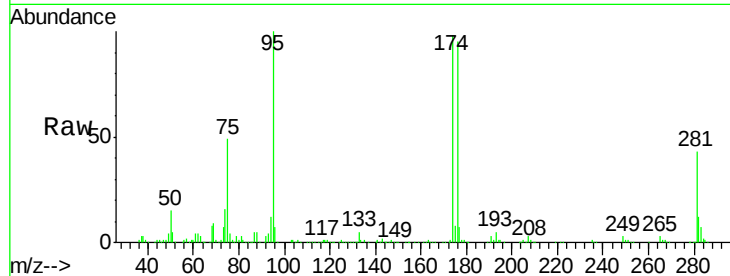




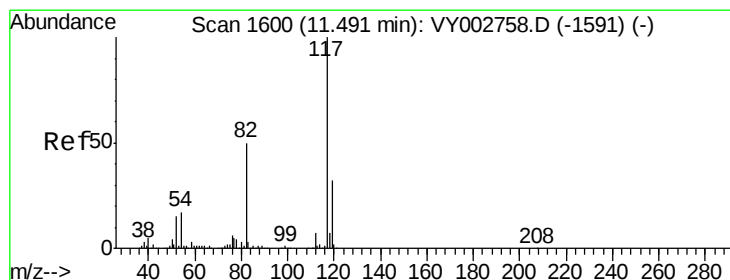
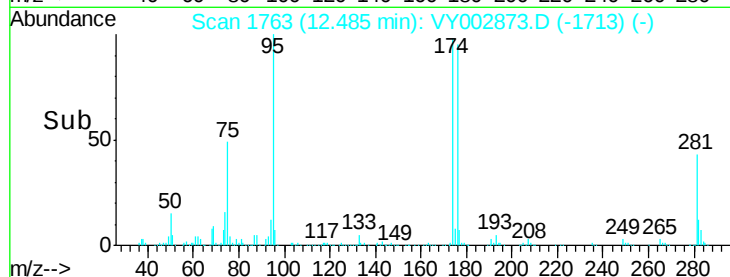
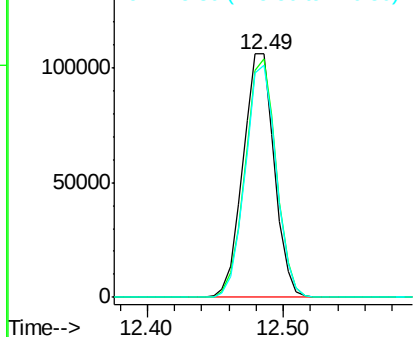
#62
4-Bromofluorobenzene
Concen: 48.98 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.01 min
Lab File: VY002873.D
Acq: 10 Jun 2020 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBL01

Tgt Ion: 95 Resp: 170744
Ion Ratio Lower Upper
95 100
174 96.8 0.0 191.2
176 94.6 0.0 188.8

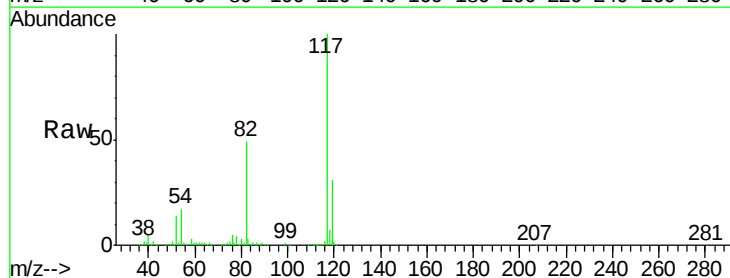


Abundance Ion 94.90 (94.60 to 95.60): VY0
Ion 173.80 (173.50 to 174.50): VY0
Ion 175.80 (175.50 to 176.50): VY0

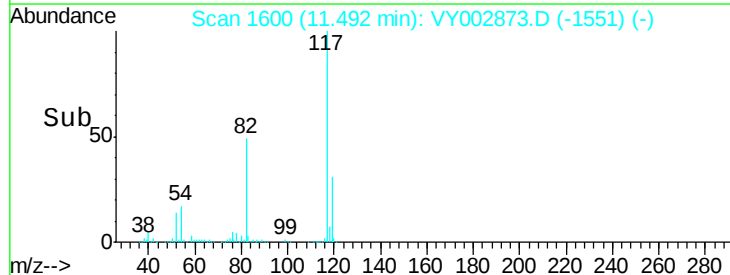
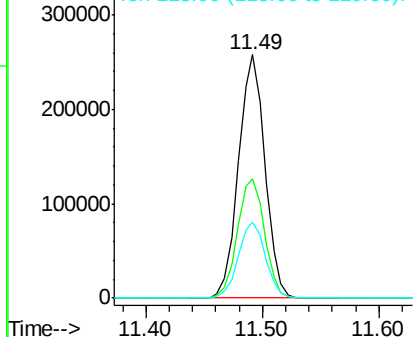


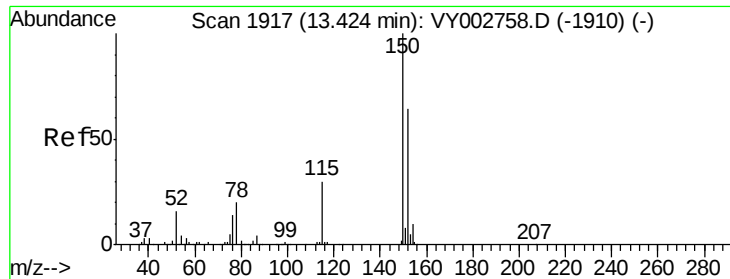
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002873.D
Acq: 10 Jun 2020 10:44

Tgt Ion: 117 Resp: 408851
Ion Ratio Lower Upper
117 100
82 49.1 40.2 60.4
119 31.4 25.8 38.8



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002873.D

Acq: 10 Jun 2020 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBL01

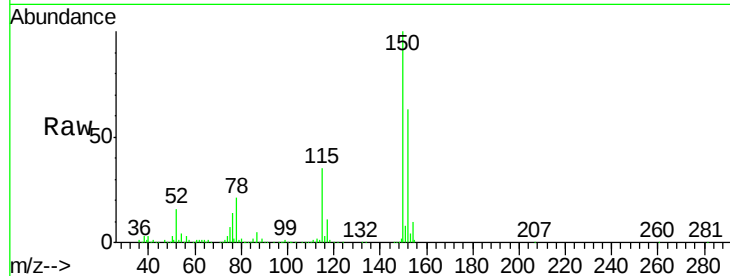
Tgt Ion:152 Resp: 206024

Ion Ratio Lower Upper

152 100

115 53.4 27.0 81.0

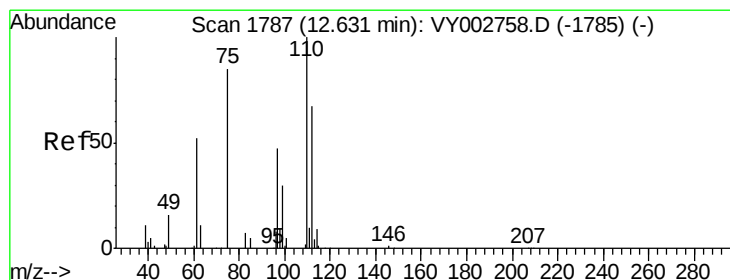
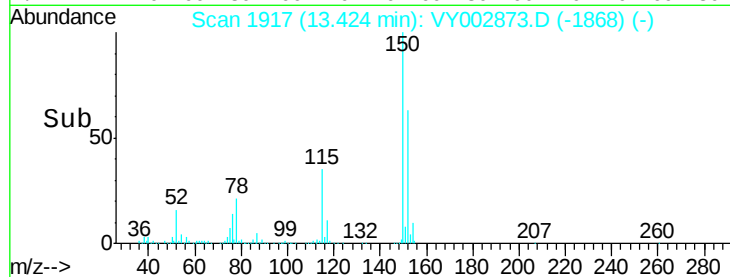
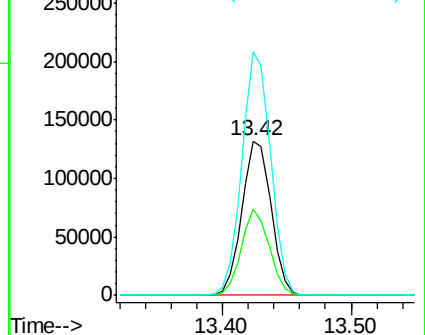
150 155.9 0.0 344.8



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: 45.03 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002873.D

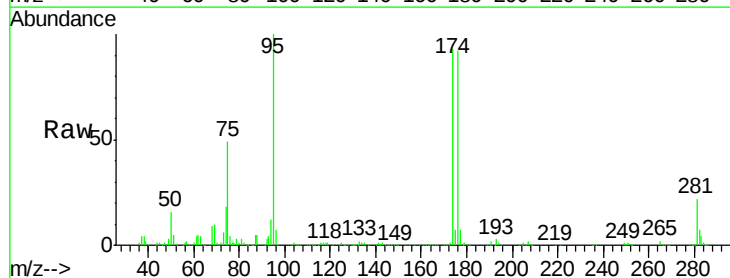
Acq: 10 Jun 2020 10:44

Tgt Ion: 75 Resp: 83599

Ion Ratio Lower Upper

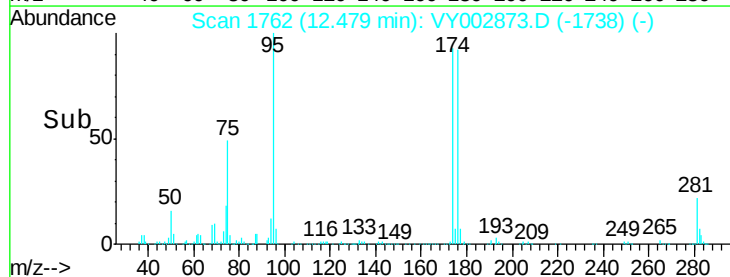
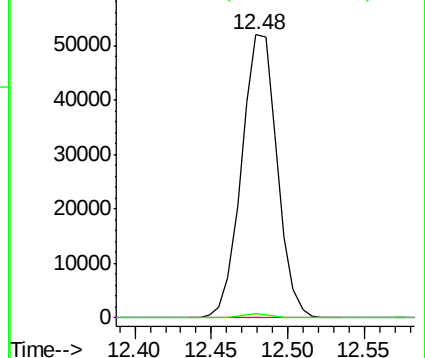
75 100

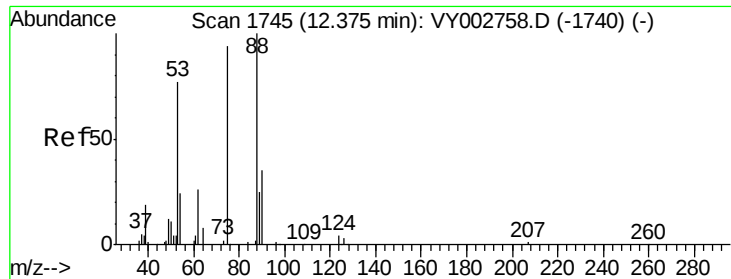
77 1.3 0.0 0.0#



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: 84.84 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002873.D

Acq: 10 Jun 2020 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBL01

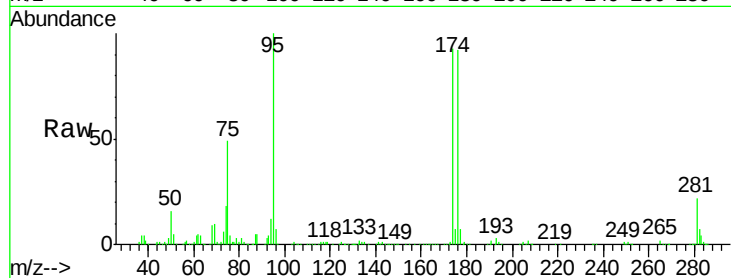
Tgt Ion: 75 Resp: 83599

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.6 37.4 56.2#



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

