

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003400.D
 Acq On : 31 Jul 2020 19:33
 Operator : SY/MD
 Sample : L3518-32
 Misc : 5.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 01 01:30:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	386088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	618820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	590248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	300623	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	211832	57.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.40%	
35) Dibromofluoromethane	7.72	113	195619	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
50) Toluene-d8	10.18	98	759205	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
62) 4-Bromofluorobenzene	12.48	95	255078	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	

Target Compounds

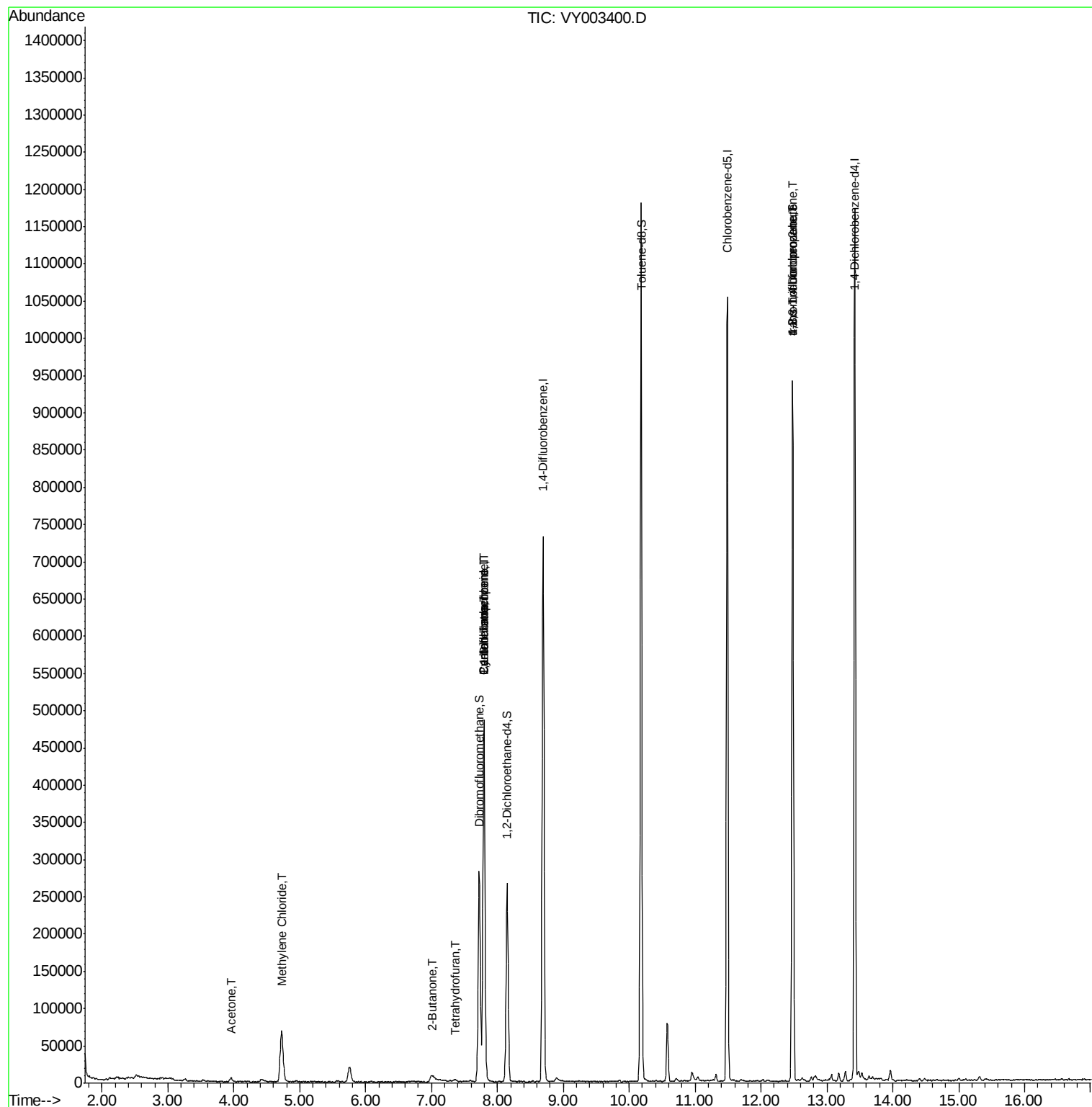
					Qvalue	
11) Tert butyl alcohol	4.96	59	2303	Below Cal	#	78
16) Acetone	3.96	43	7650	8.434	ug/l	98
20) Methylene Chloride	4.73	84	51961	3.033	ug/l	94
25) 2-Butanone	7.00	43	2803	2.028	ug/l #	83
29) Tetrahydrofuran	7.36	42	2064	2.289	ug/l #	91
31) Cyclohexane	7.80	56	7367	1.132	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	28260	4.826	ug/l #	49
38) Carbon Tetrachloride	7.80	117	35506	5.892	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	129325	47.887	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	129325	90.566	ug/l #	15

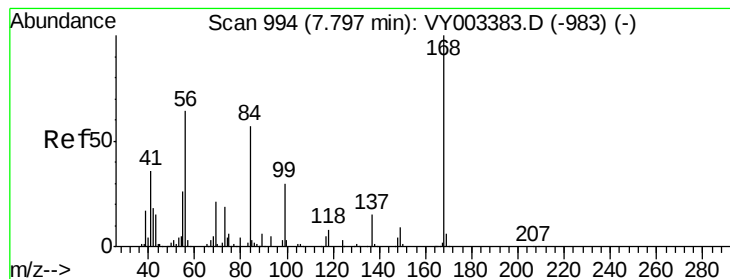
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 31 13:09:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003400.D

Acq: 31 Jul 2020 19:33

Instrument :

MSVOA_Y

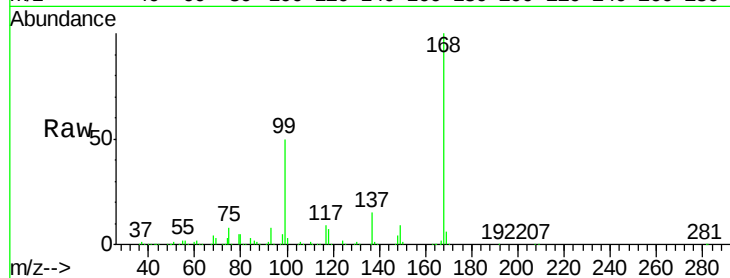
ClientSampled :

Tot Ion:168 Resp: 386088

Ion Ratio Lower Upper

168 100

99 49.8 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003400.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003400.D (-945) (-)

7.80

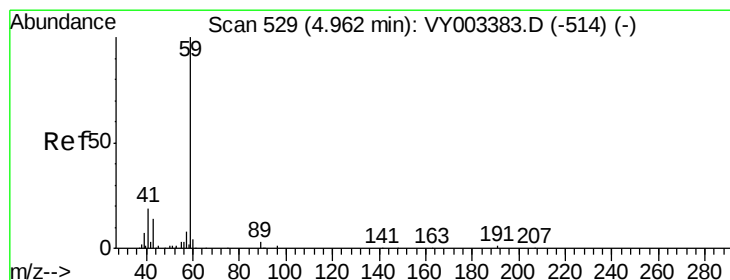
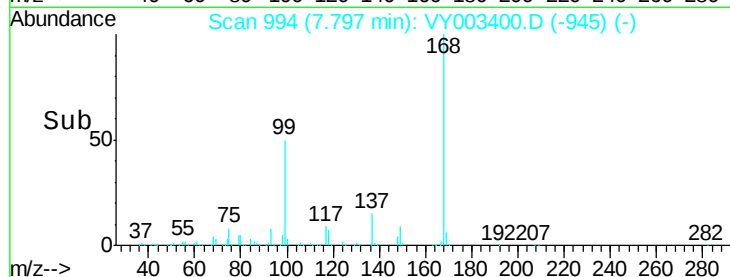
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 528

Delta R.T. -0.01 min

Lab File: VY003400.D

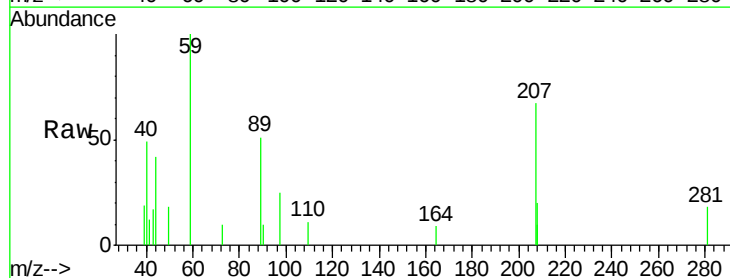
Acq: 31 Jul 2020 19:33

Tgt Ion: 59 Resp: 2303

Ion Ratio Lower Upper

59 100

57 1.8 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VY003400.D (-480) (-)

Ion 57.00 (56.70 to 57.70): VY003400.D (-480) (-)

4.96

800

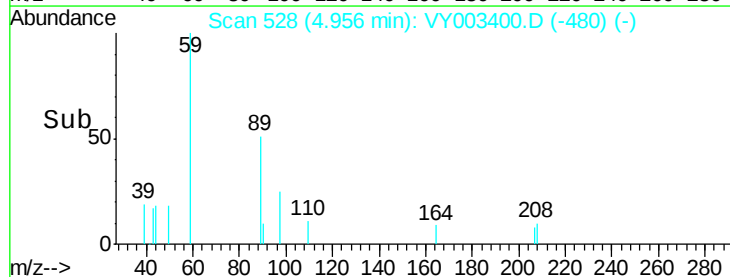
600

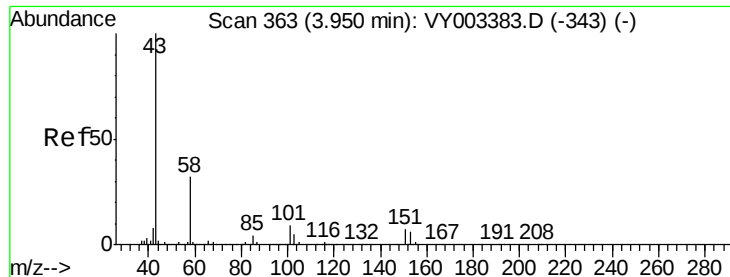
400

200

0

Time-->





#16

Acetone

Concen: 8.434 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003400.D

Acq: 31 Jul 2020 19:33

Instrument :

MSVOA_Y

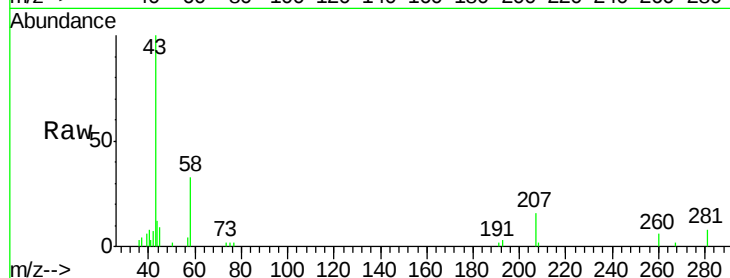
ClientSampleId :

Tot Ion: 43 Resp: 7650

Ion Ratio Lower Upper

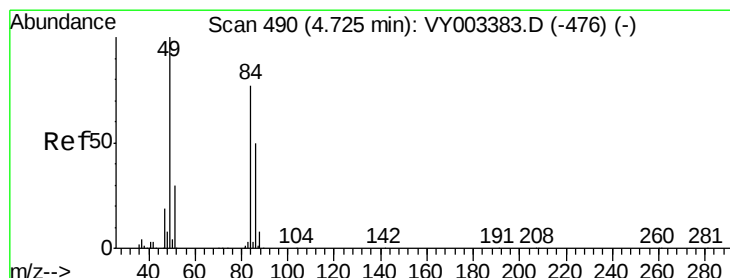
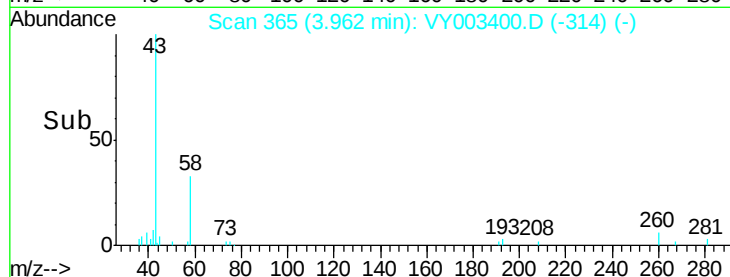
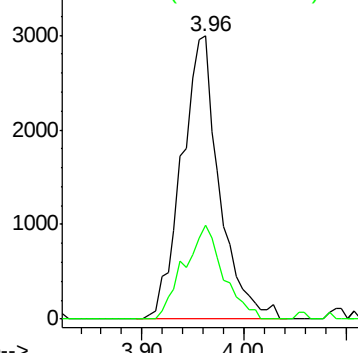
43 100

58 33.2 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 3.033 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003400.D

Acq: 31 Jul 2020 19:33

Tgt Ion: 84 Resp: 51961

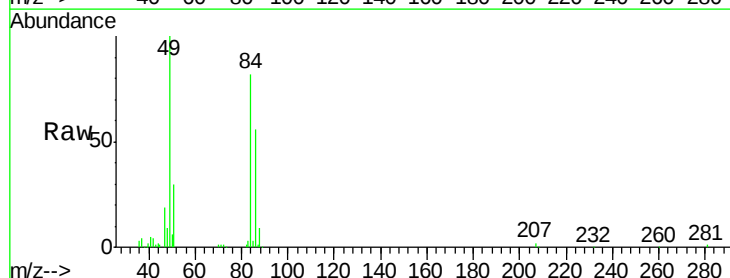
Ion Ratio Lower Upper

84 100

49 121.9 104.2 156.4

51 36.8 31.5 47.3

86 68.6 51.7 77.5

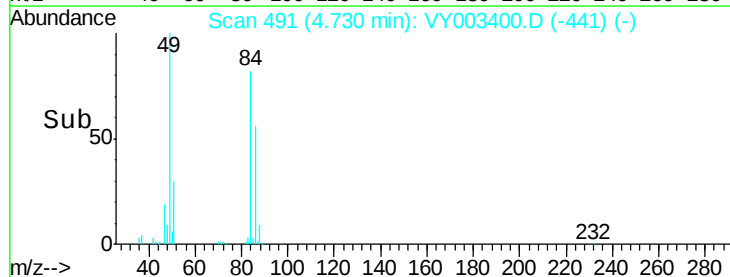
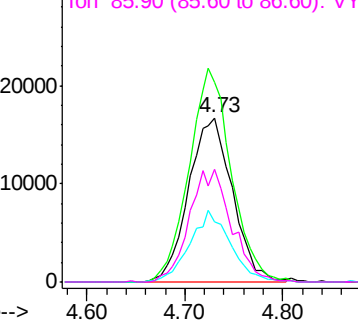


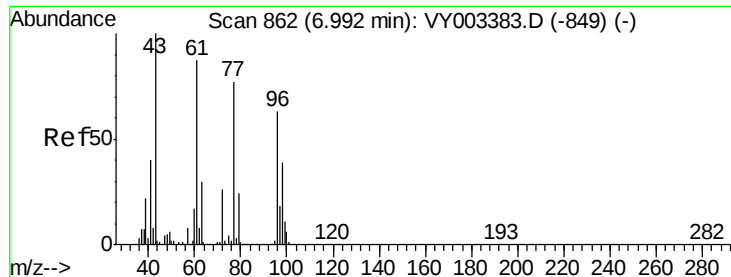
Abundance Ion 83.90 (83.60 to 84.60): VY0

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: 2.028 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY003400.D

Acq: 31 Jul 2020 19:33

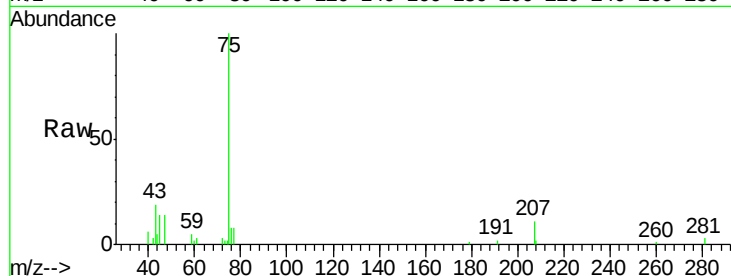
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 2803

Ion Ratio Lower Upper

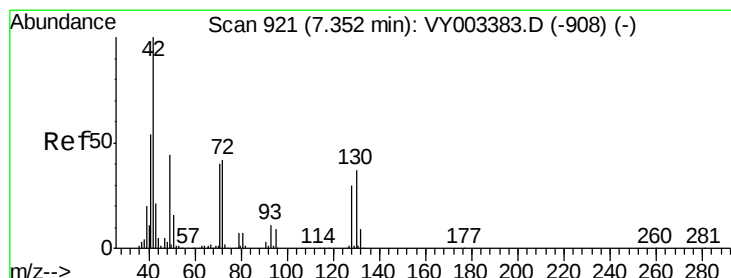
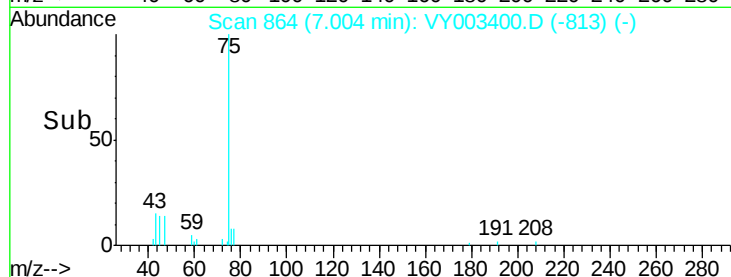
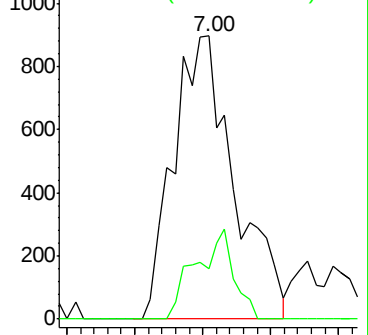
43 100

72 17.9 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#29

Tetrahydrofuran

Concen: 2.289 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY003400.D

Acq: 31 Jul 2020 19:33

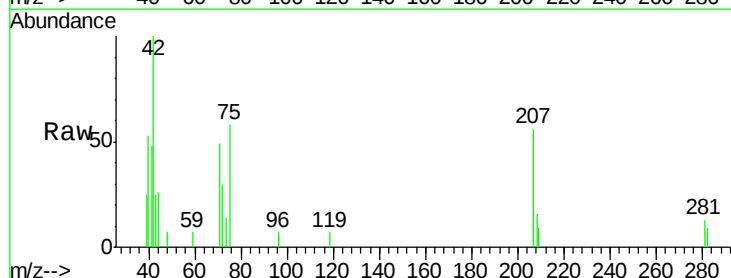
Tgt Ion: 42 Resp: 2064

Ion Ratio Lower Upper

42 100

72 40.6 33.5 50.3

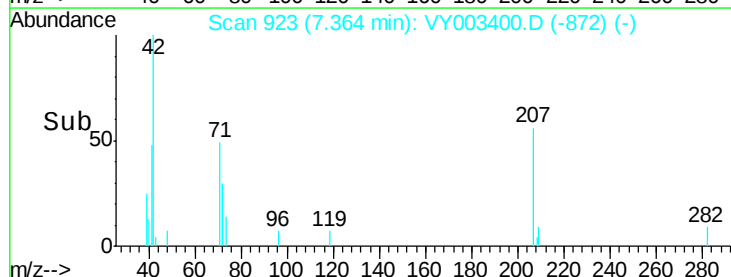
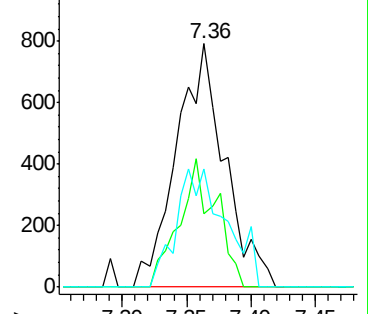
71 50.3 32.1 48.1#

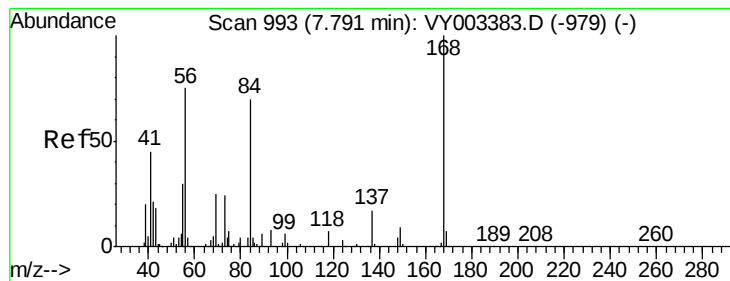


Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0





#31

Cyclohexane

Concen: 1.132 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003400.D

Acq: 31 Jul 2020 19:33

Instrument :
MSVOA_Y
ClientSampleId :

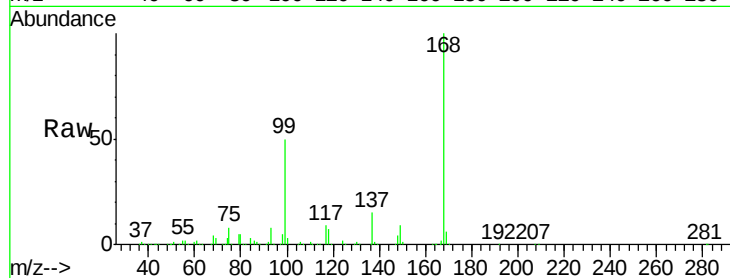
Tot Ion: 56 Resp: 7367

Ion Ratio Lower Upper

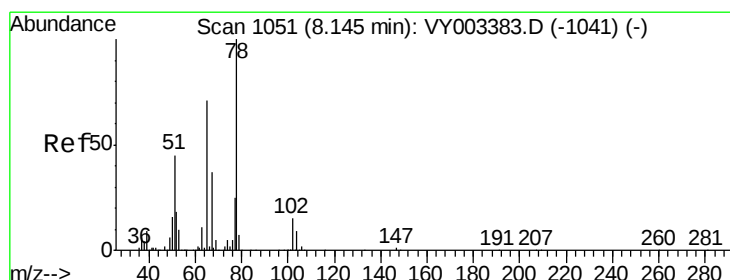
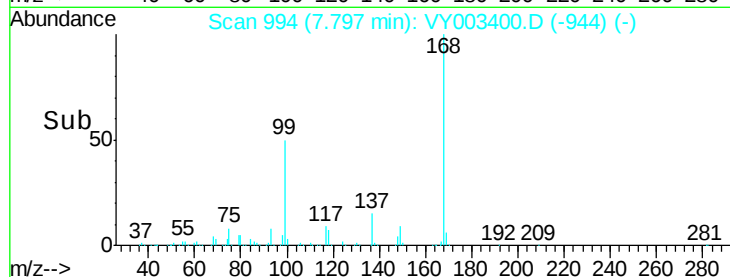
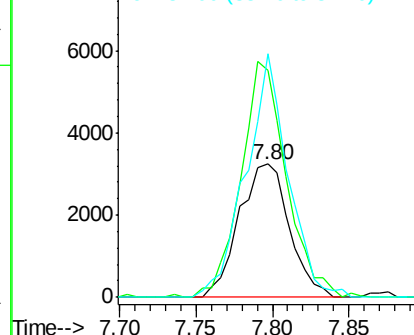
56 100

69 170.4 26.1 39.1#

84 183.0 73.9 110.9#



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: 57.705 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003400.D

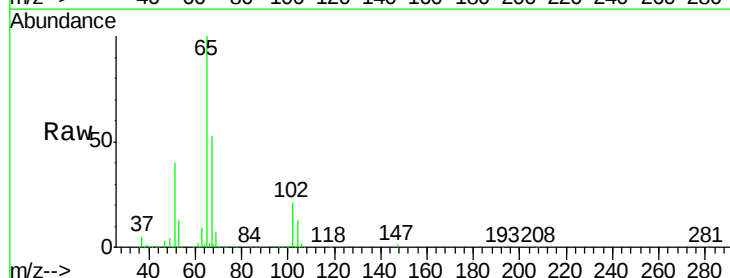
Acq: 31 Jul 2020 19:33

Tgt Ion: 65 Resp: 211832

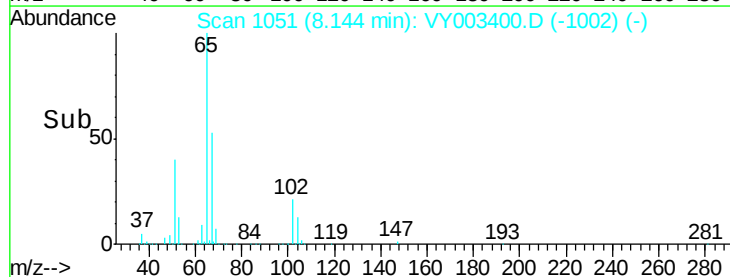
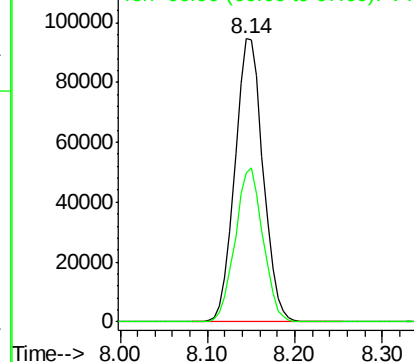
Ion Ratio Lower Upper

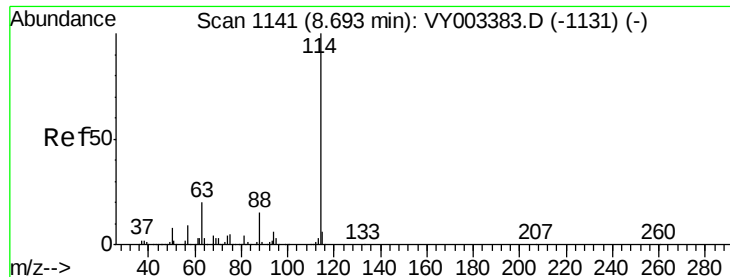
65 100

67 53.6 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

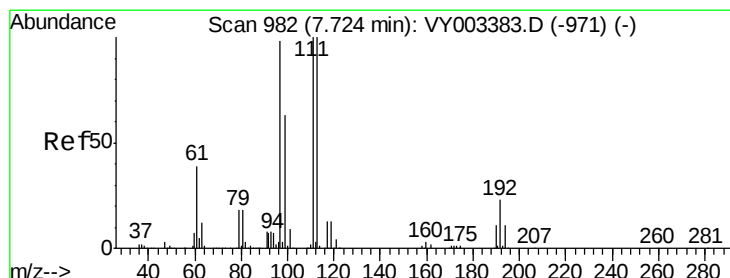
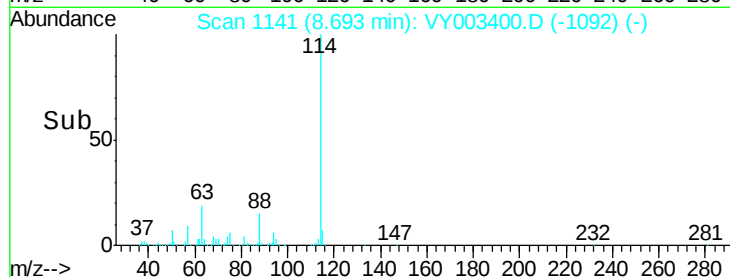
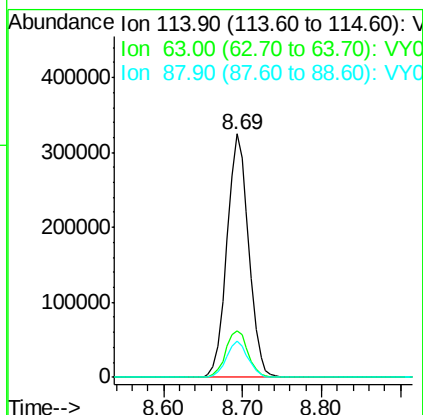
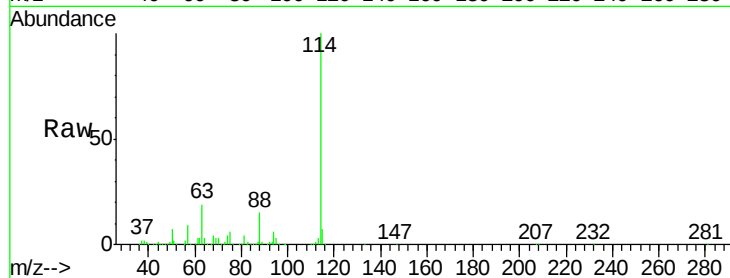




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003400.D
 Acq: 31 Jul 2020 19:33

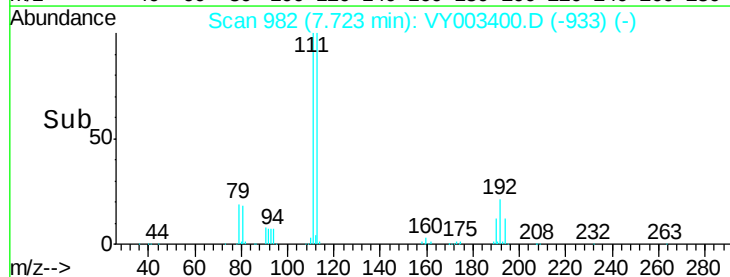
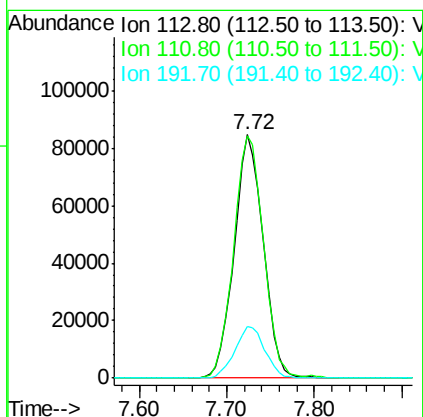
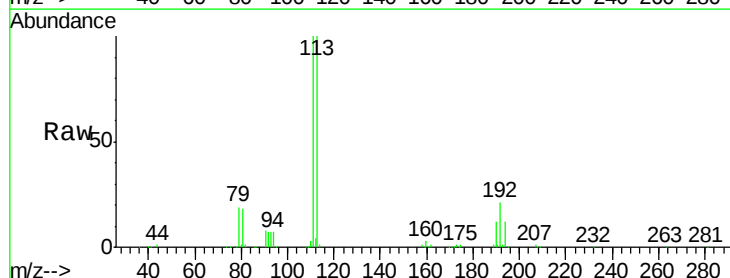
Instrument :
 MSVOA_Y
 ClientSampleId :

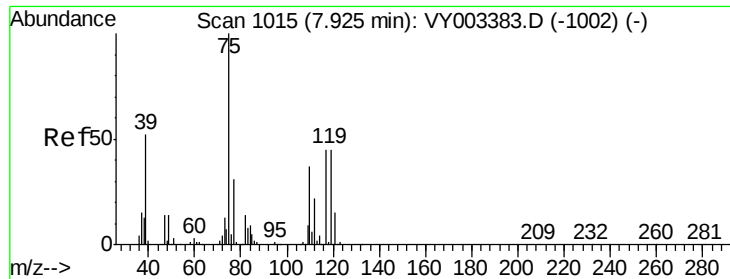
Tot Ion:114 Resp: 618820
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.6
 88 15.0 0.0 29.2



#35
 Dibromofluoromethane
 Concen: 53.664 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003400.D
 Acq: 31 Jul 2020 19:33

Tgt Ion:113 Resp: 195619
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.0 124.4
 192 21.9 18.8 28.2

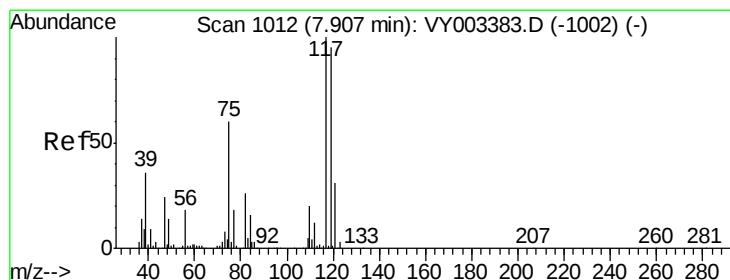
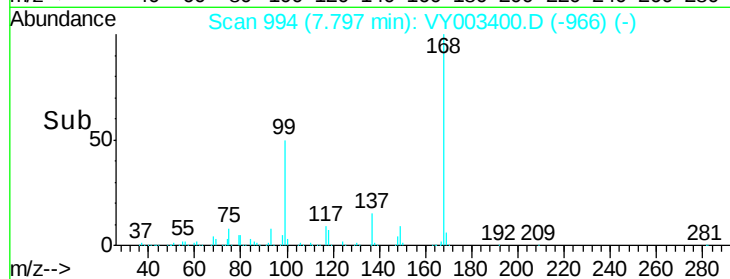
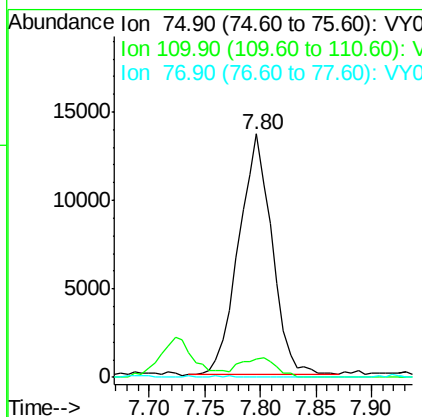
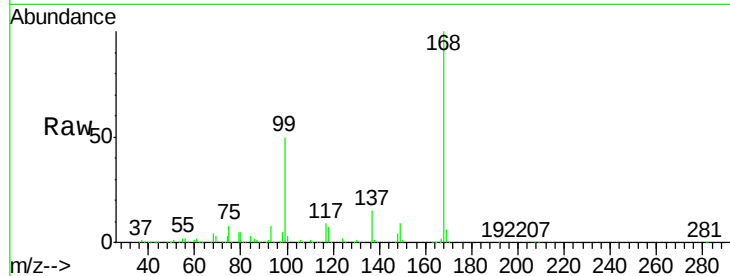




#36
 1,1-Dichloropropene
 Concen: 4.826 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003400.D
 Acq: 31 Jul 2020 19:33

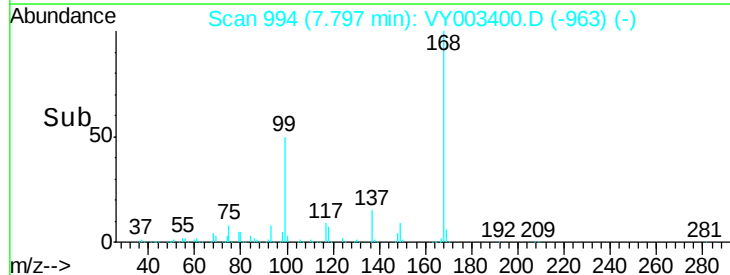
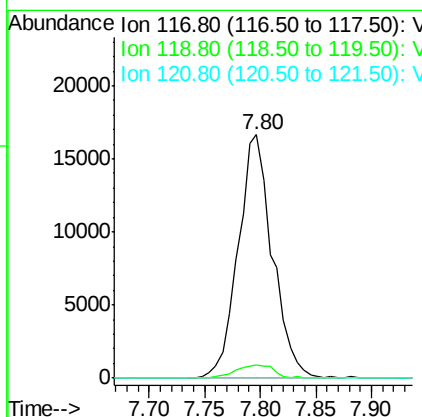
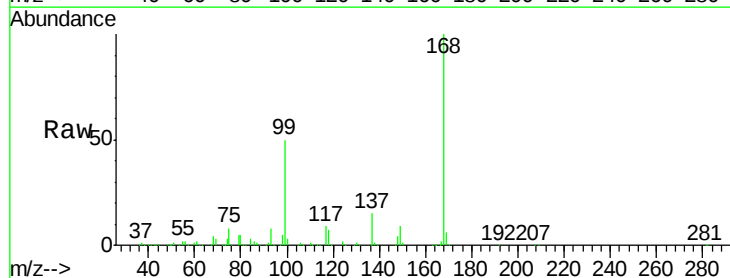
Instrument :
 MSVOA_Y
 ClientSampleId :

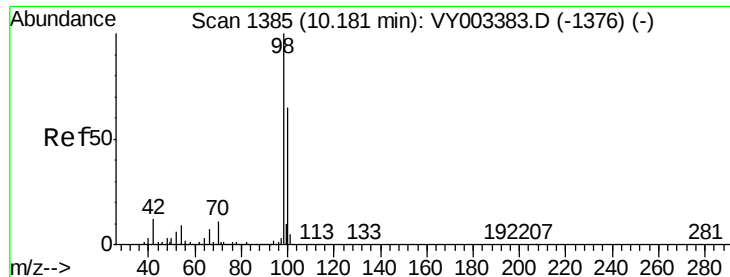
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.8	53.5#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.892 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003400.D
 Acq: 31 Jul 2020 19:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.1	114.1#
121	0.0	24.5	36.7#





#50

Toluene-d8

Concen: 53.188 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003400.D

Acq: 31 Jul 2020 19:33

Instrument :

MSVOA_Y

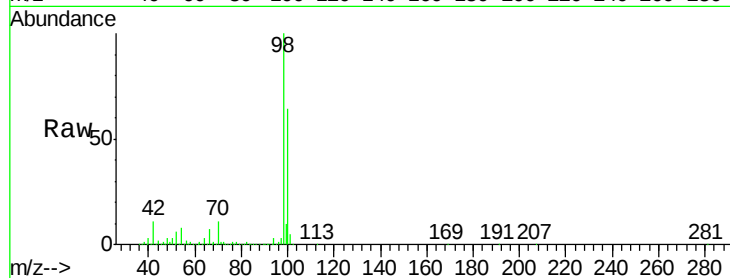
ClientSampled :

Tot Ion: 98 Resp: 759205

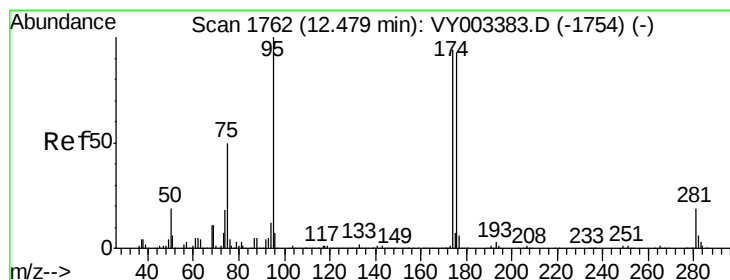
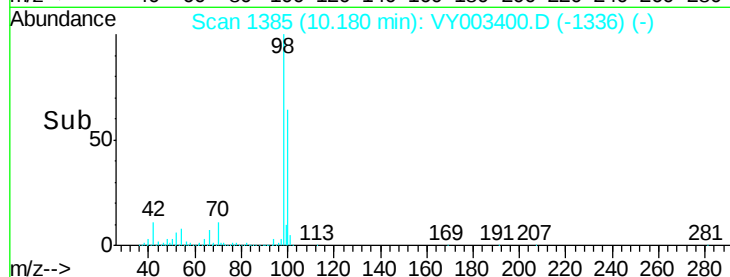
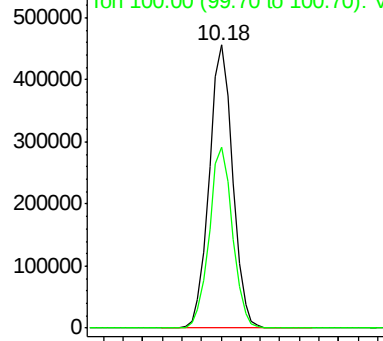
Ion Ratio Lower Upper

98 100

100 63.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VY003383.D (-1376) (-)



#62

4-Bromofluorobenzene

Concen: 52.301 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003400.D

Acq: 31 Jul 2020 19:33

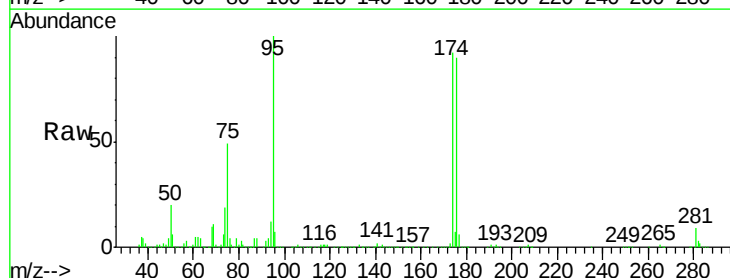
Tgt Ion: 95 Resp: 255078

Ion Ratio Lower Upper

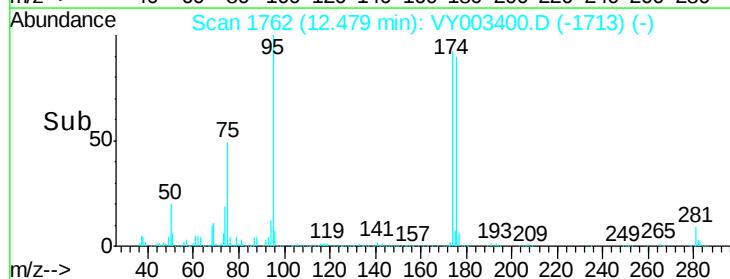
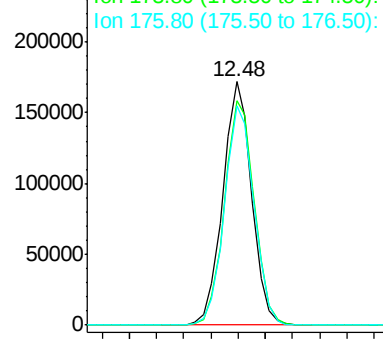
95 100

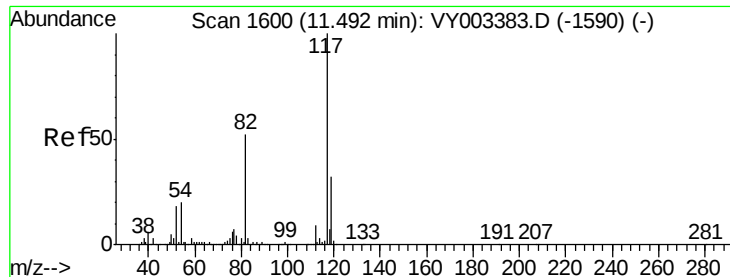
174 95.2 0.0 190.0

176 92.6 0.0 184.4



Abundance Ion 94.90 (94.60 to 95.60): VY003383.D (-1754) (-)

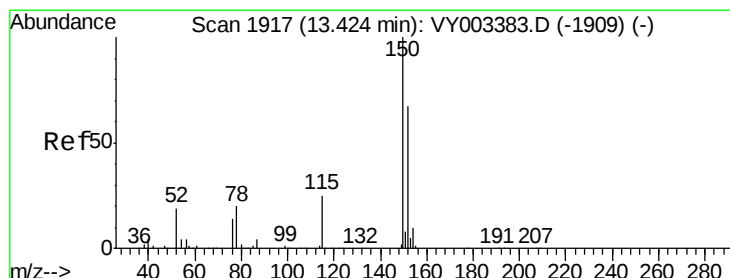
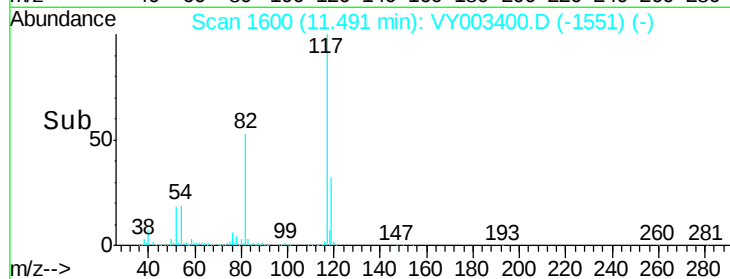
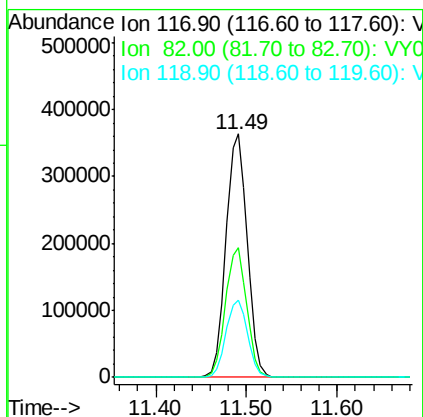
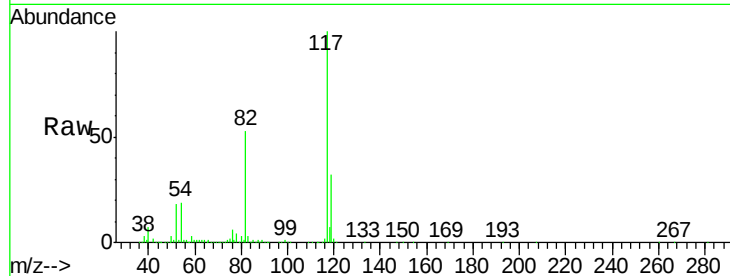




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003400.D
Acq: 31 Jul 2020 19:33

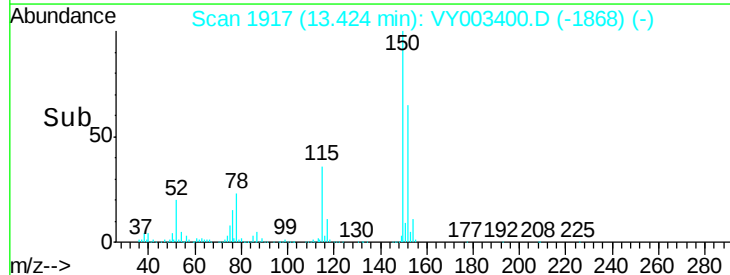
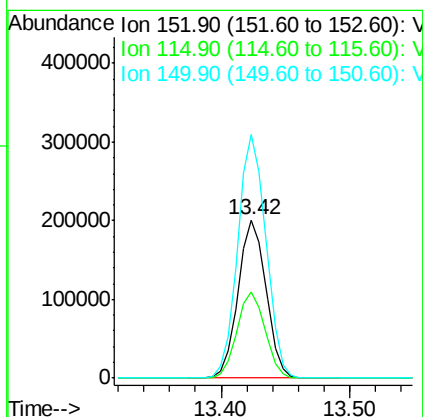
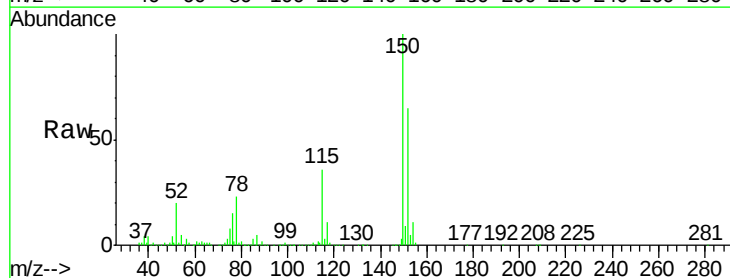
Instrument :
MSVOA_Y
ClientSampleId :

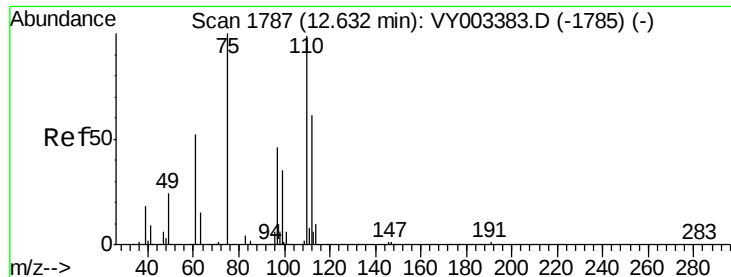
Tot Ion:117 Resp: 590248
Ion Ratio Lower Upper
117 100
82 53.3 41.9 62.9
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003400.D
Acq: 31 Jul 2020 19:33

Tgt Ion:152 Resp: 300623
Ion Ratio Lower Upper
152 100
115 55.0 27.2 81.5
150 156.1 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 47.887 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003400.D

Acq: 31 Jul 2020 19:33

Instrument :

MSVOA_Y

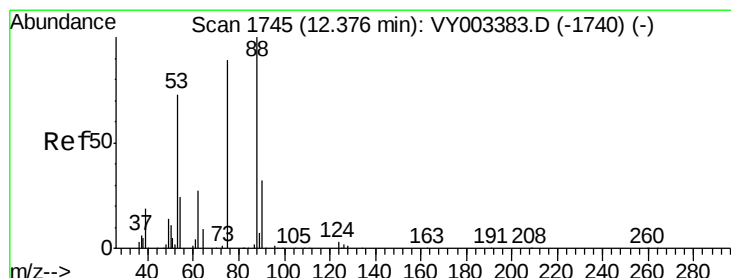
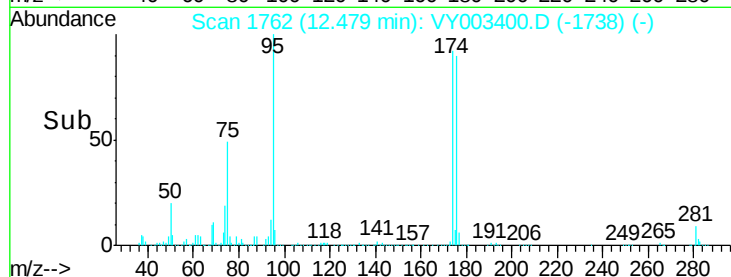
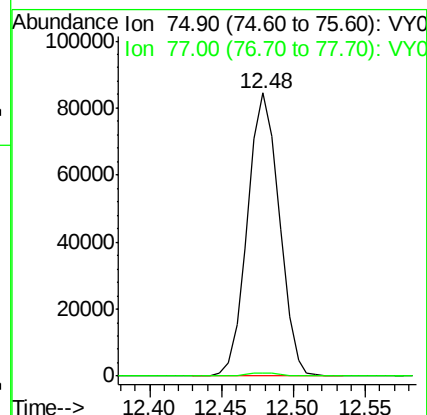
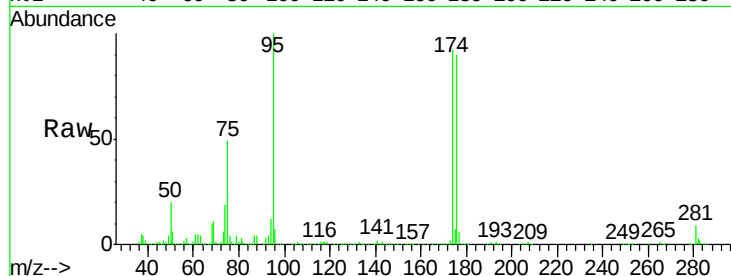
ClientSampleId :

Tot Ion: 75 Resp: 129325

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.566 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003400.D

Acq: 31 Jul 2020 19:33

Tgt Ion: 75 Resp: 129325

Ion Ratio Lower Upper

75 100

53 0.0 69.5 104.3#

89 0.1 33.8 50.6#

