

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003398.D
 Acq On : 31 Jul 2020 18:45
 Operator : SY/MD
 Sample : L3518-22
 Misc : 4.90G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8

Quant Time: Aug 01 01:29:53 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	399476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	631219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	584589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	281295	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	209801	55.24	ug/l	0.00
Spiked Amount			Recovery	=	110.48%	
35) Dibromofluoromethane	7.72	113	199375	53.62	ug/l	0.00
Spiked Amount			Recovery	=	107.24%	
50) Toluene-d8	10.18	98	767617	52.72	ug/l	0.00
Spiked Amount			Recovery	=	105.44%	
62) 4-Bromofluorobenzene	12.48	95	247763	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	

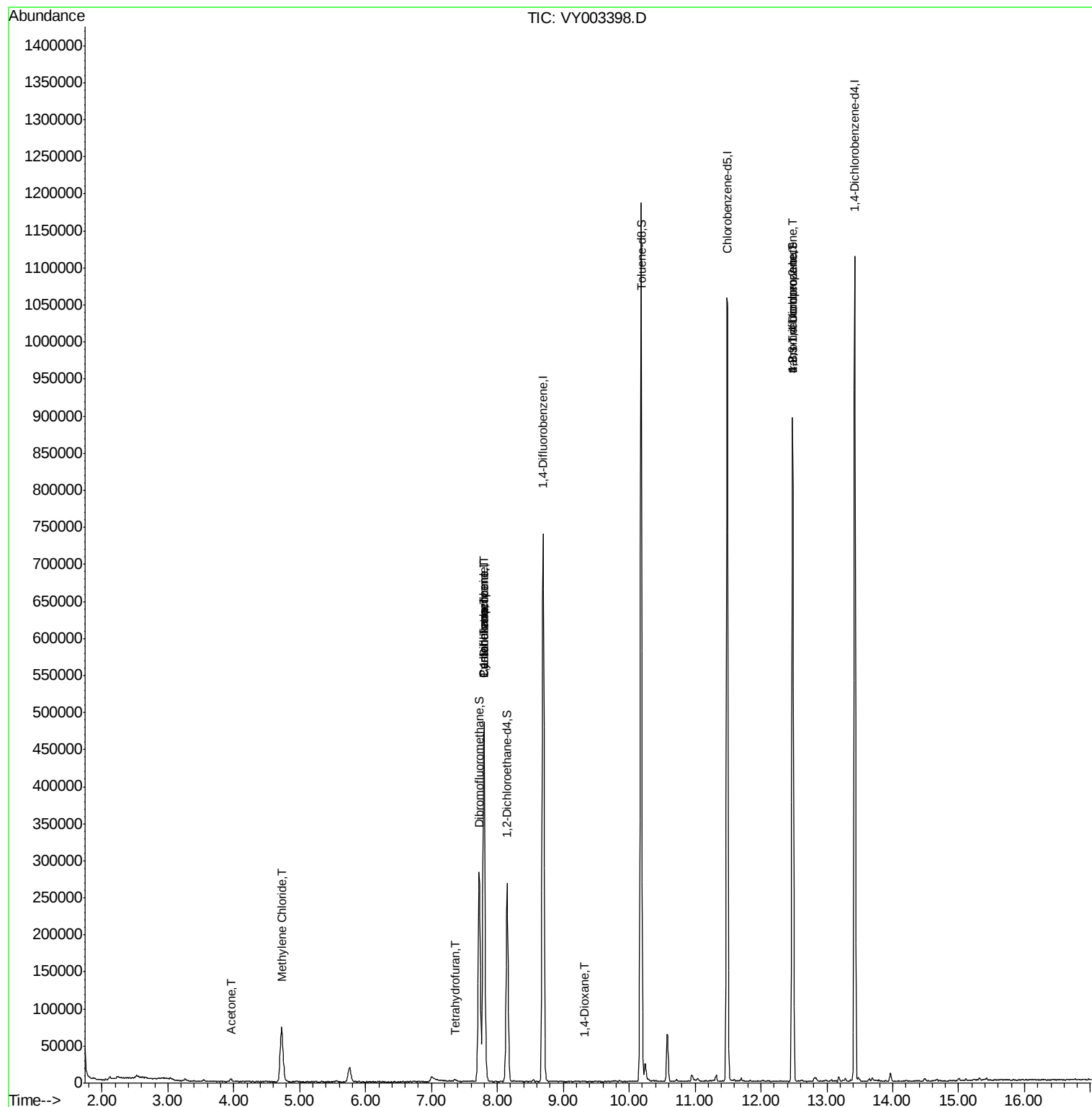
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.97	59	535	Below Cal		99
16) Acetone	3.95	43	5448	5.805	ug/l	92
20) Methylene Chloride	4.72	84	54588	3.247	ug/l	96
29) Tetrahydrofuran	7.36	42	1968	2.109	ug/l #	64
31) Cyclohexane	7.80	56	7138	1.060	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	27593	4.619	ug/l #	49
38) Carbon Tetrachloride	7.80	117	35803	5.825	ug/l #	18
49) 1,4-Dioxane	9.32	88	54	1.713	ug/l #	25
76) 1,2,3-Trichloropropane	12.48	75	126200	49.940	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	126200	94.450	ug/l #	15

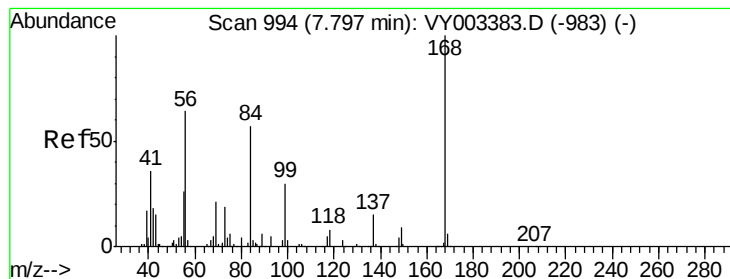
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
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Quant Time: Aug 01 01:29:53 2020
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: VY003398.D

Acq: 31 Jul 2020 18:45

Instrument :

MSVOA_Y

ClientSampleId :

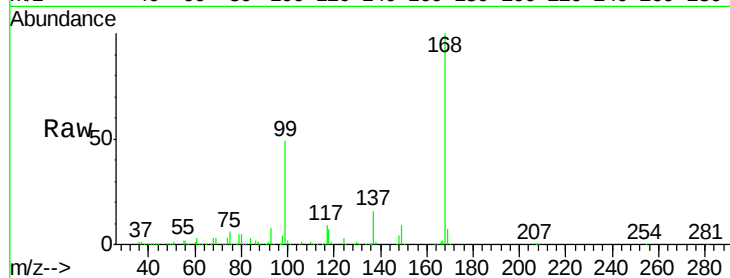
TP-8

Tot Ion:168 Resp: 399476

Ion Ratio Lower Upper

168 100

99 48.5 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003398.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003398.D (-945) (-)

7.80

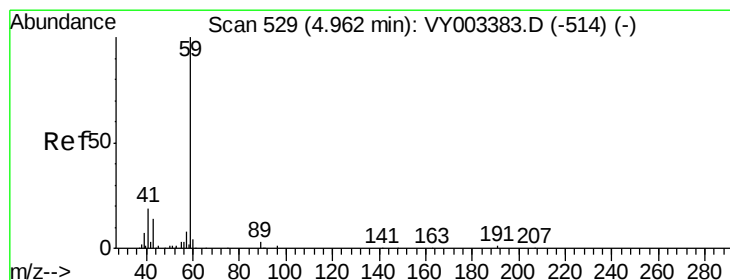
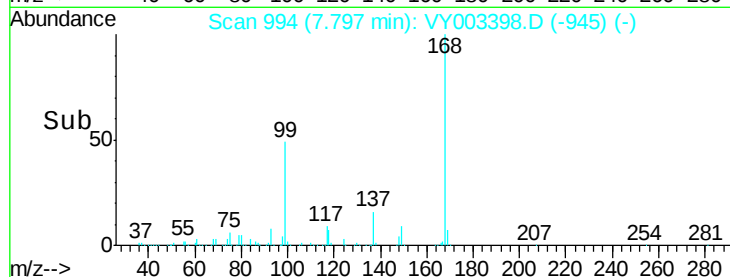
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 531

Delta R.T. 0.01 min

Lab File: VY003398.D

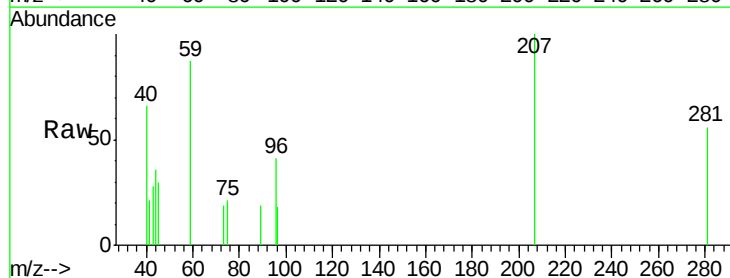
Acq: 31 Jul 2020 18:45

Tgt Ion: 59 Resp: 535

Ion Ratio Lower Upper

59 100

57 10.5 8.0 12.0



Abundance Ion 59.00 (58.70 to 59.70): VY003398.D (-480) (-)

Ion 57.00 (56.70 to 57.70): VY003398.D (-480) (-)

4.97

400

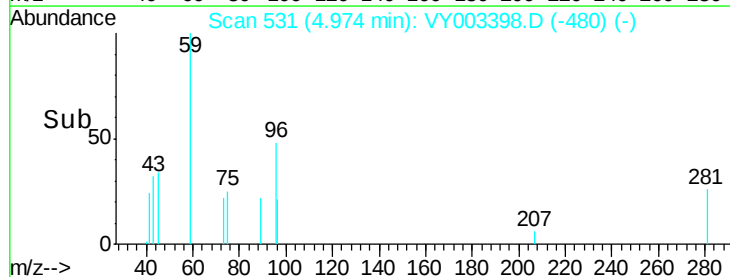
300

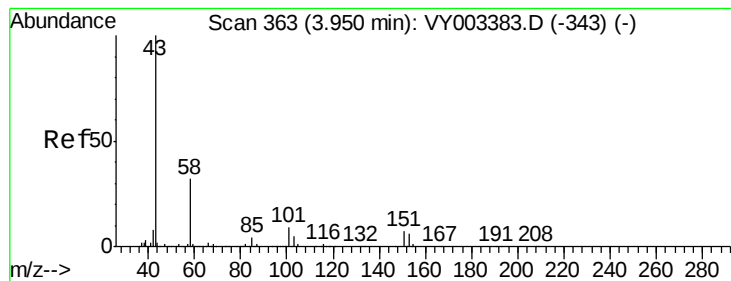
200

100

0

Time-->





#16

Acetone

Concen: 5.805 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003398.D

Acq: 31 Jul 2020 18:45

Instrument :

MSVOA_Y

ClientSampleId :

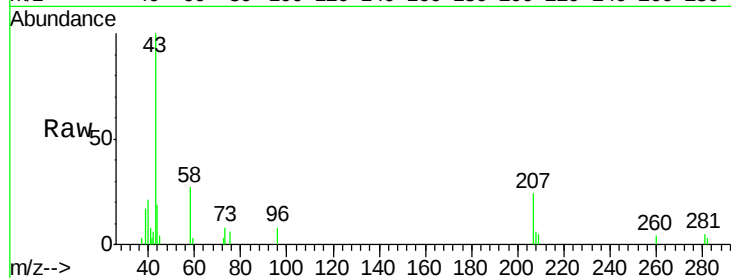
TP-8

Tot Ion: 43 Resp: 5448

Ion Ratio Lower Upper

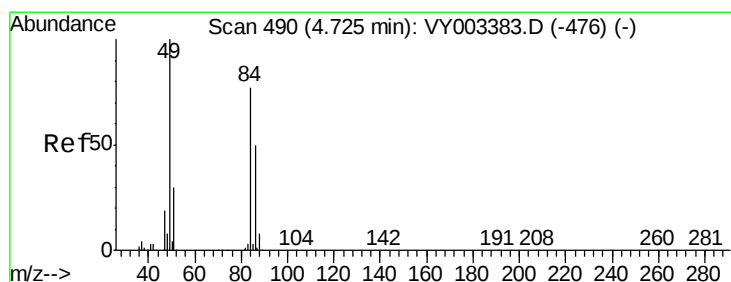
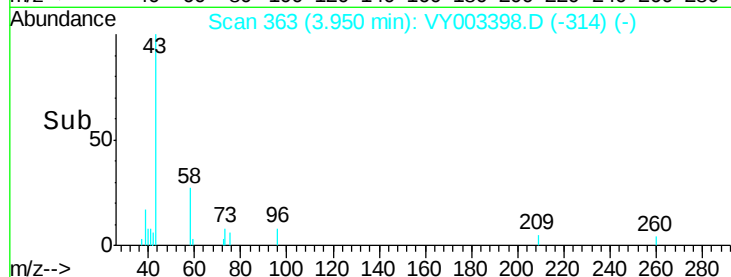
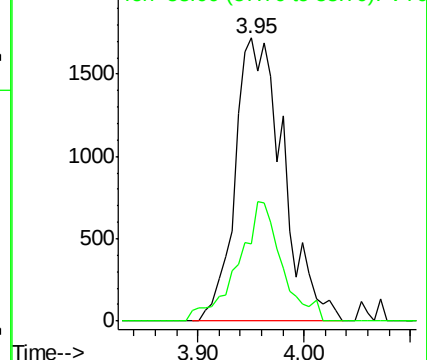
43 100

58 27.4 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: 3.247 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003398.D

Acq: 31 Jul 2020 18:45

Tgt Ion: 84 Resp: 54588

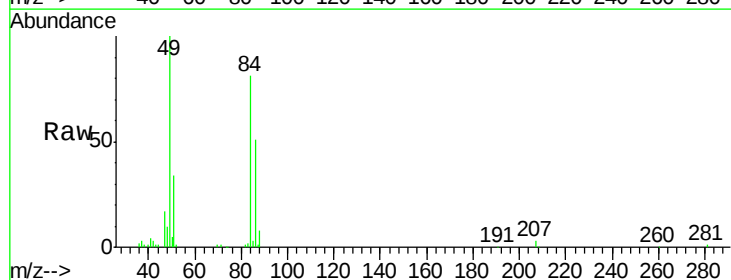
Ion Ratio Lower Upper

84 100

49 123.4 104.2 156.4

51 41.8 31.5 47.3

86 63.5 51.7 77.5

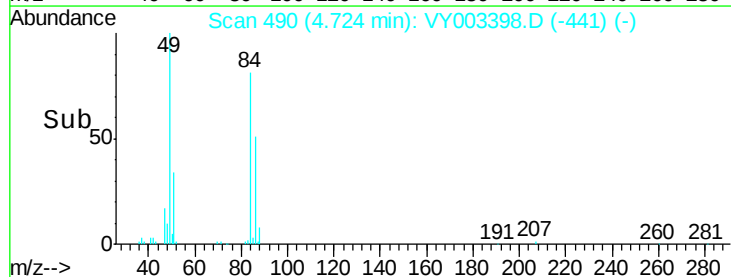
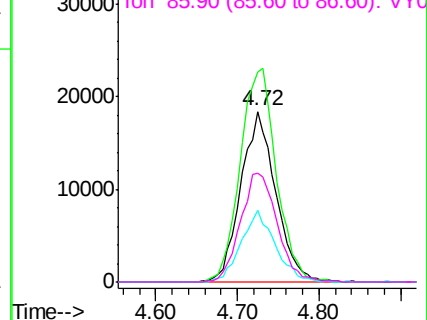


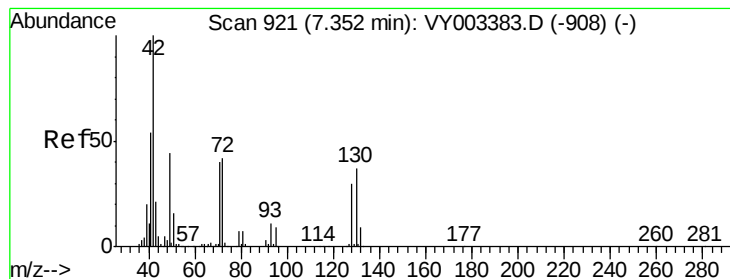
Abundance Ion 83.90 (83.60 to 84.60): VY0

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





#29

Tetrahydrofuran

Concen: 2.109 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY003398.D

Acq: 31 Jul 2020 18:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-8

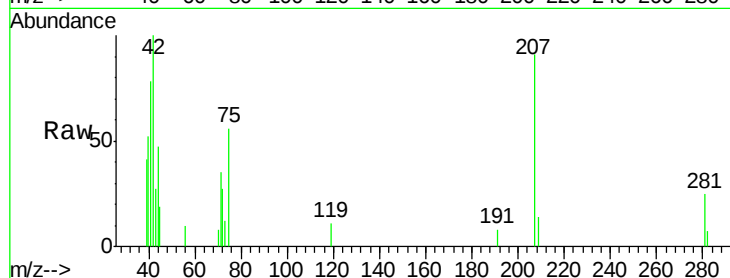
Tot Ion: 42 Resp: 1968

Ion Ratio Lower Upper

42 100

72 0.0 33.5 50.3#

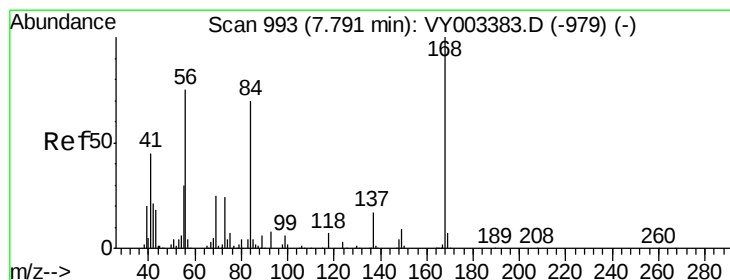
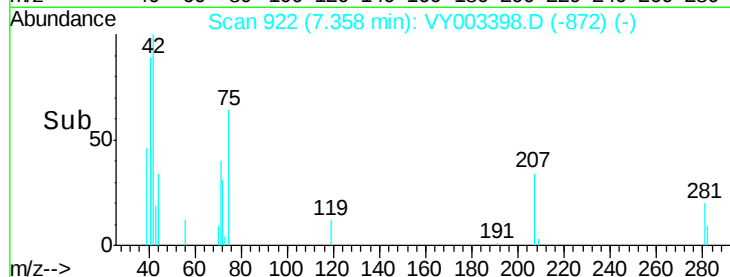
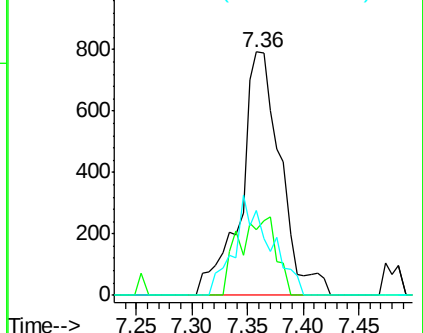
71 37.0 32.1 48.1



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: 1.060 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003398.D

Acq: 31 Jul 2020 18:45

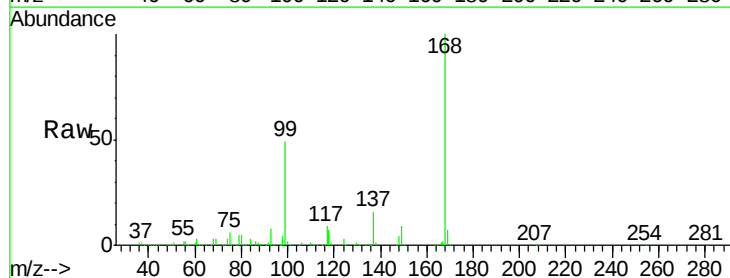
Tgt Ion: 56 Resp: 7138

Ion Ratio Lower Upper

56 100

69 172.0 26.1 39.1#

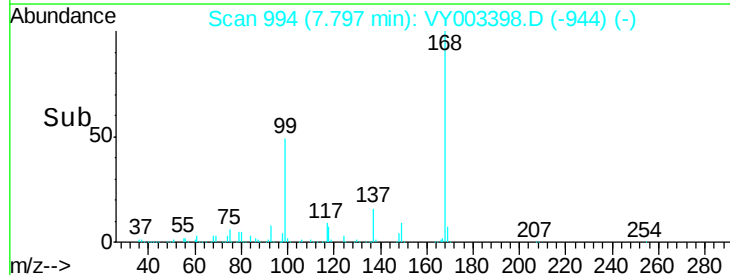
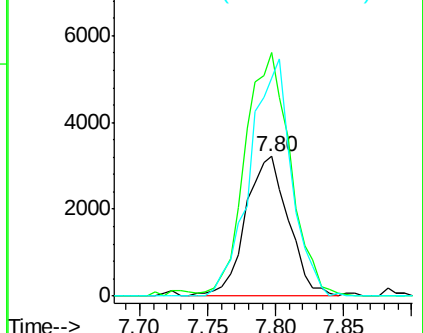
84 156.3 73.9 110.9#

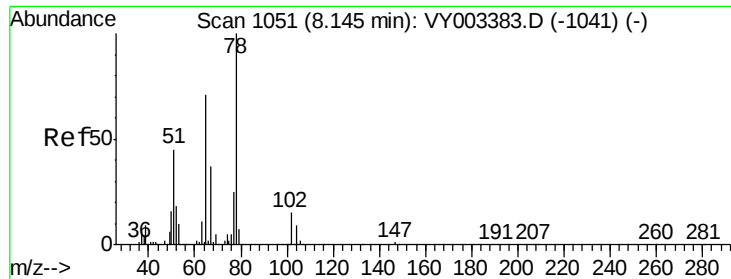


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

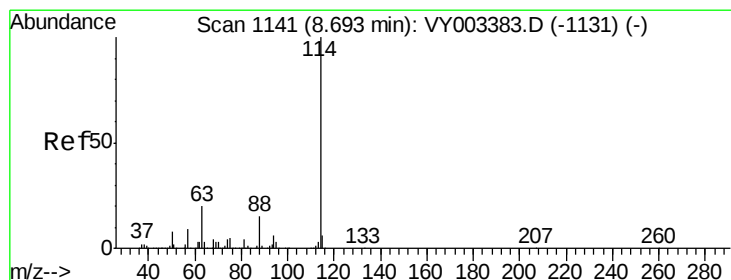
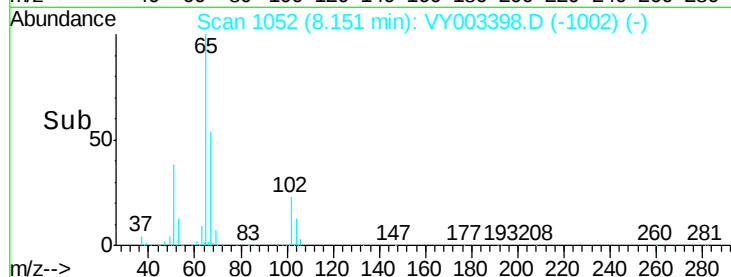
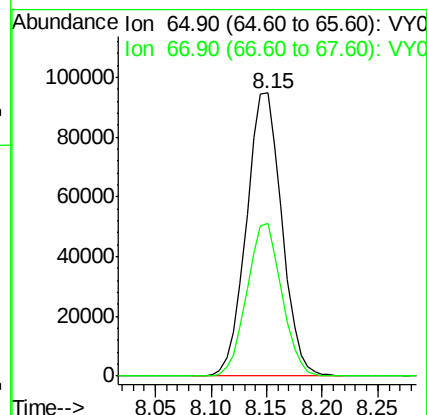
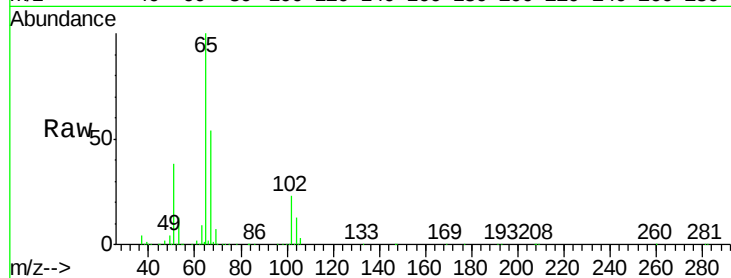




#33
 1,2-Dichloroethane-d4
 Concen: 55.236 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003398.D
 Acq: 31 Jul 2020 18:45

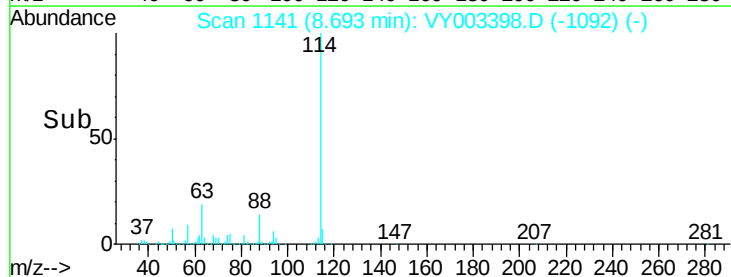
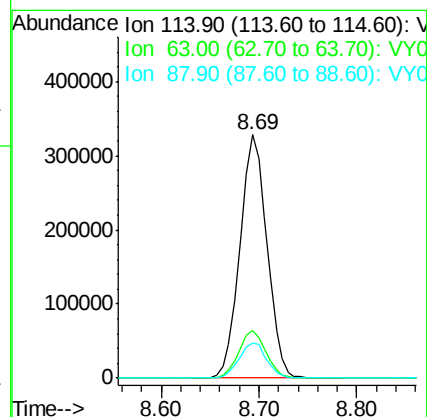
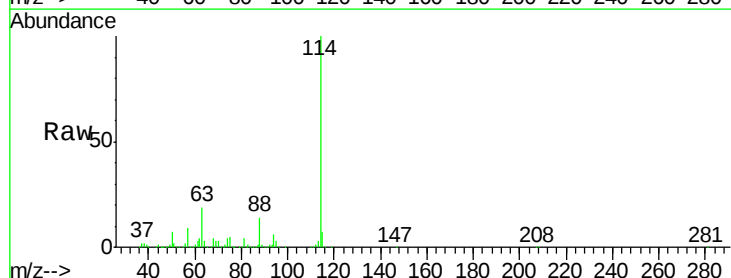
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8

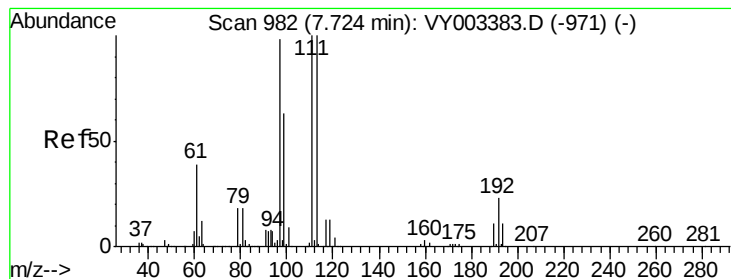
Tot Ion: 65 Resp: 209801
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003398.D
 Acq: 31 Jul 2020 18:45

Tgt Ion: 114 Resp: 631219
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.6
 88 14.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 53.620 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003398.D

Acq: 31 Jul 2020 18:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-8

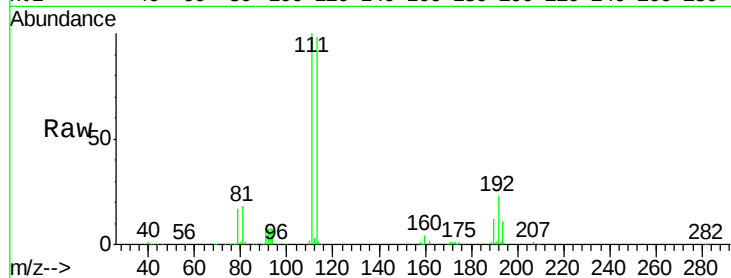
Tot Ion:113 Resp: 199375

Ion Ratio Lower Upper

113 100

111 101.0 83.0 124.4

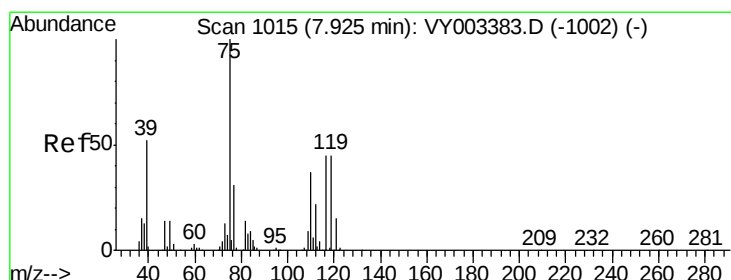
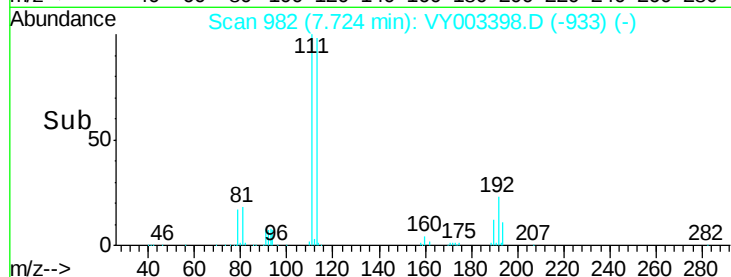
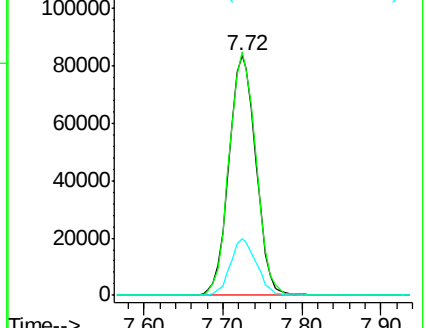
192 22.8 18.8 28.2



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: 4.619 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003398.D

Acq: 31 Jul 2020 18:45

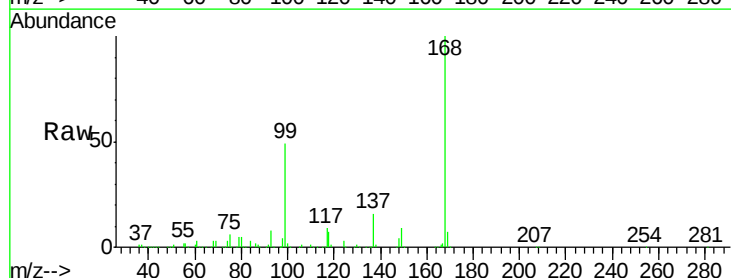
Tgt Ion: 75 Resp: 27593

Ion Ratio Lower Upper

75 100

110 8.0 17.8 53.5#

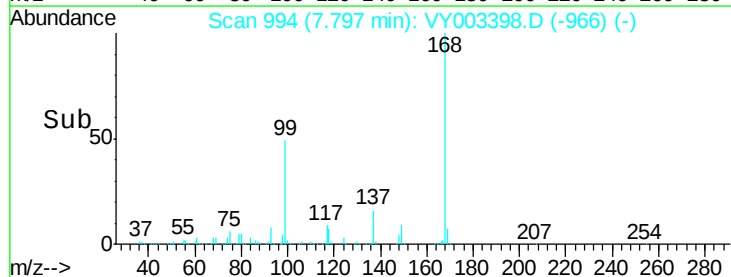
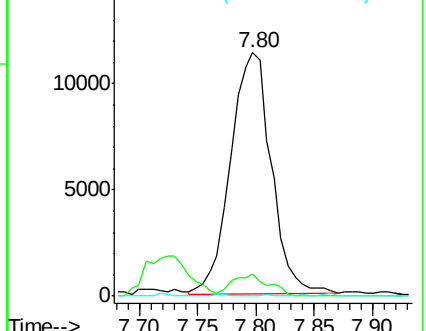
77 0.1 24.6 36.8#

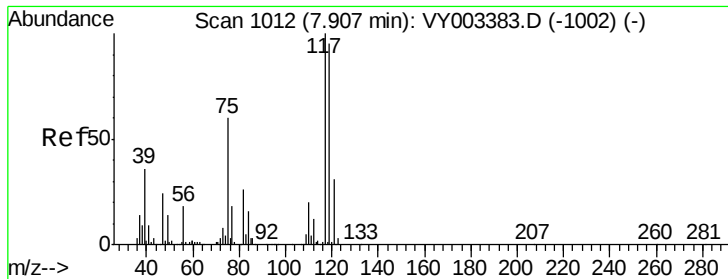


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

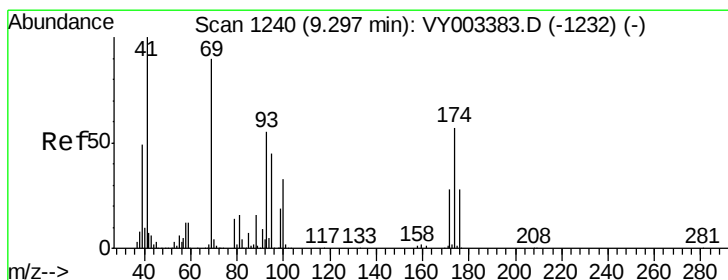
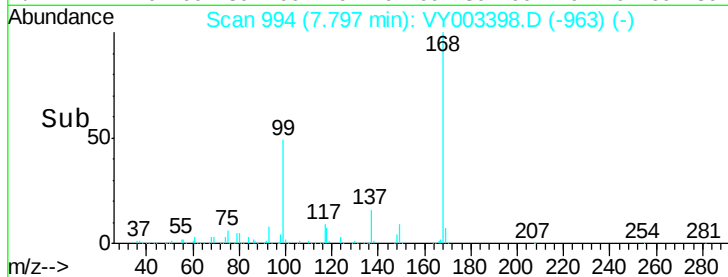
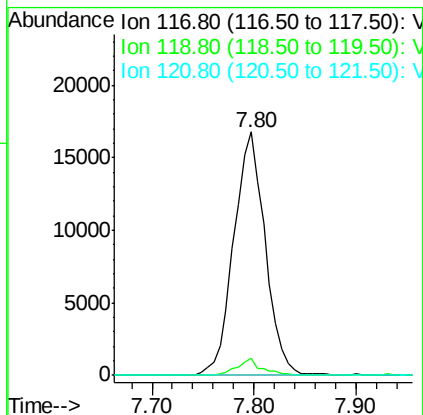
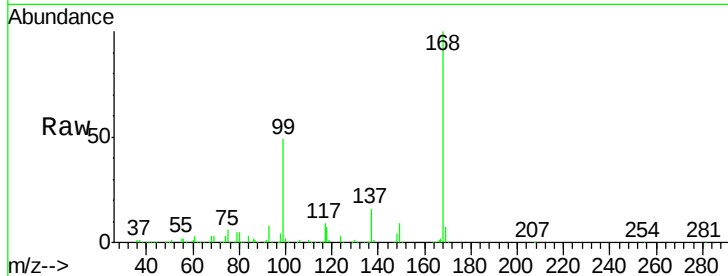




#38
Carbon Tetrachloride
Concen: 5.825 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY003398.D
Acq: 31 Jul 2020 18:45

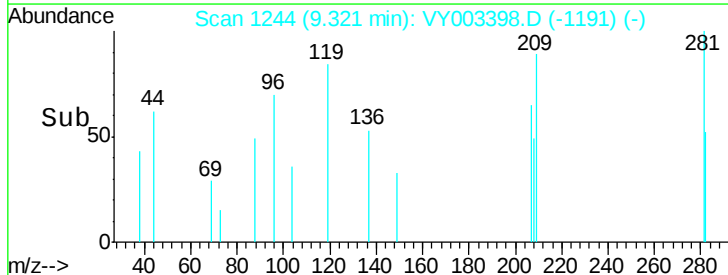
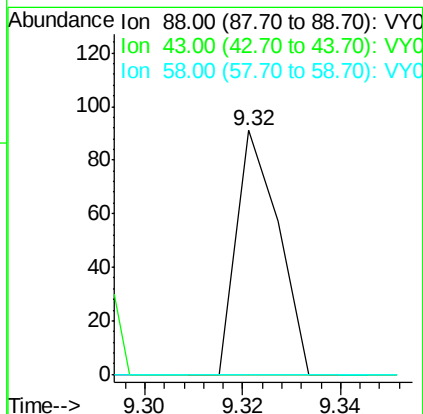
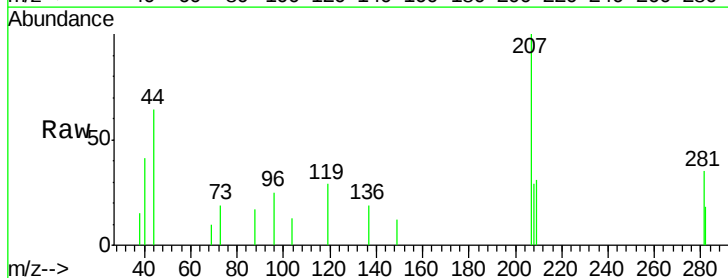
Instrument :
MSVOA_Y
ClientSampled :
TP-8

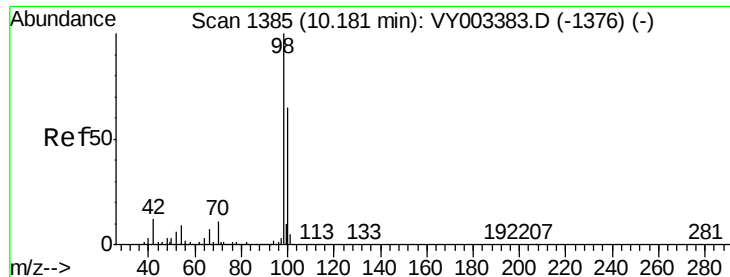
Tot Ion:117 Resp: 35803
Ion Ratio Lower Upper
117 100
119 7.0 76.1 114.1#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 1.713 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.02 min
Lab File: VY003398.D
Acq: 31 Jul 2020 18:45

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 0.0 24.9 37.3#
58 0.0 54.3 81.5#





#50

Toluene-d8

Concen: 52.721 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003398.D

Acq: 31 Jul 2020 18:45

Instrument :

MSVOA_Y

ClientSampled :

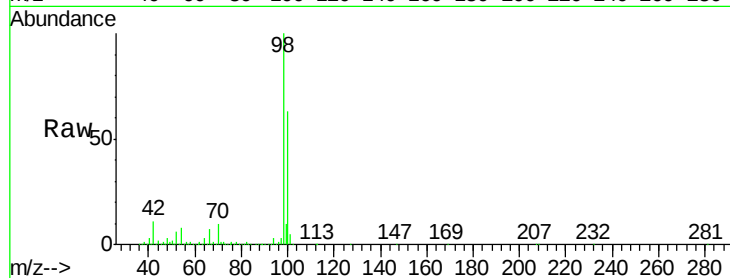
TP-8

Tot Ion: 98 Resp: 767617

Ion Ratio Lower Upper

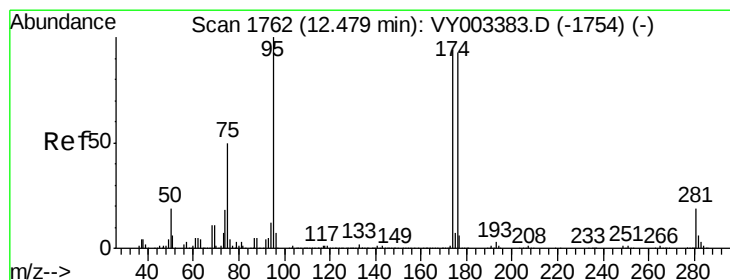
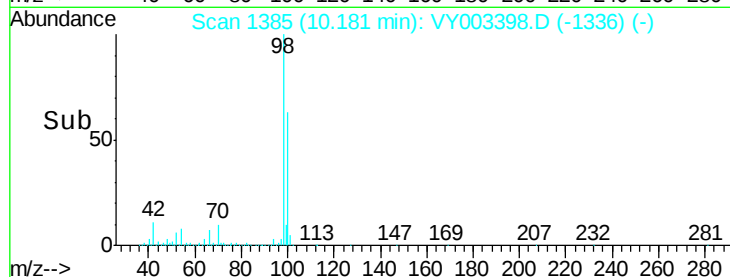
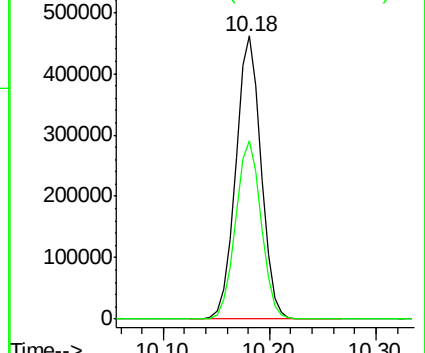
98 100

100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 49.803 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003398.D

Acq: 31 Jul 2020 18:45

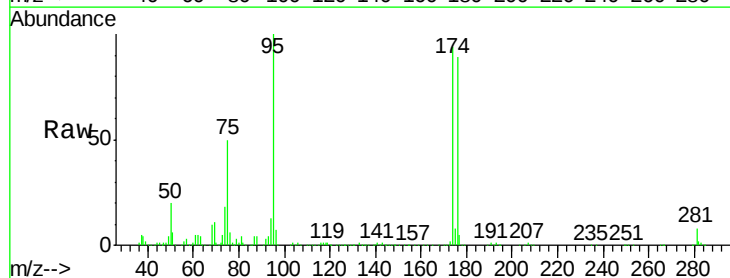
Tgt Ion: 95 Resp: 247763

Ion Ratio Lower Upper

95 100

174 96.8 0.0 190.0

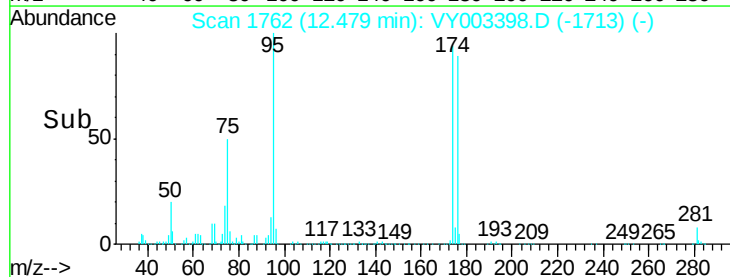
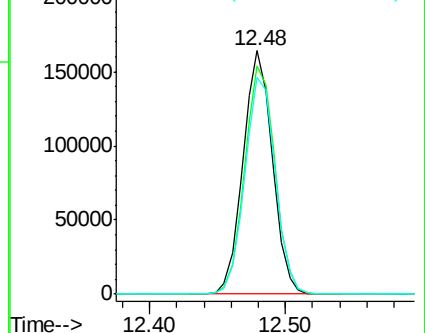
176 92.4 0.0 184.4

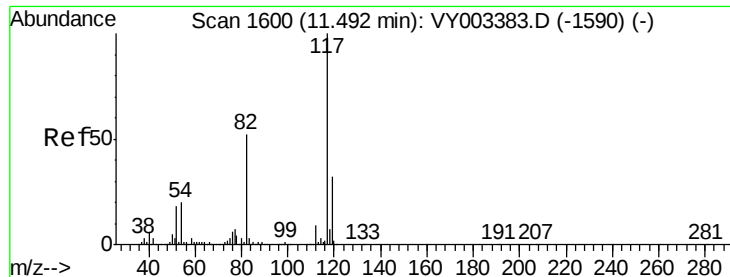


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

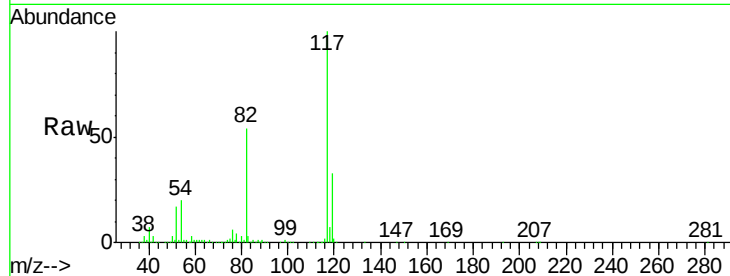




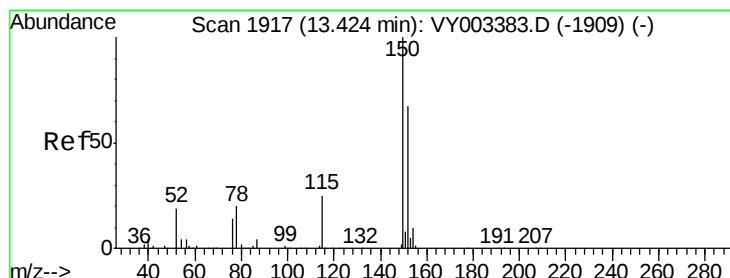
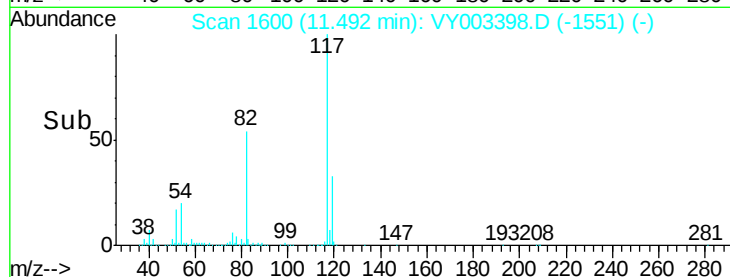
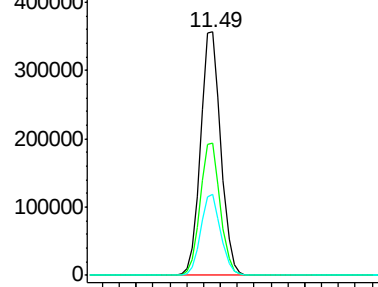
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003398.D
Acq: 31 Jul 2020 18:45

Instrument :
MSVOA_Y
ClientSampleId :
TP-8

Tot Ion:117 Resp: 584589
Ion Ratio Lower Upper
117 100
82 54.1 41.9 62.9
119 33.2 25.4 38.0

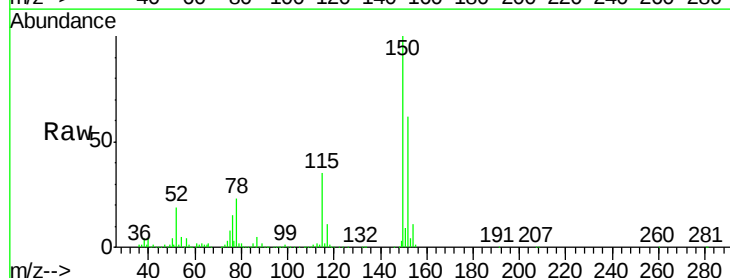


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

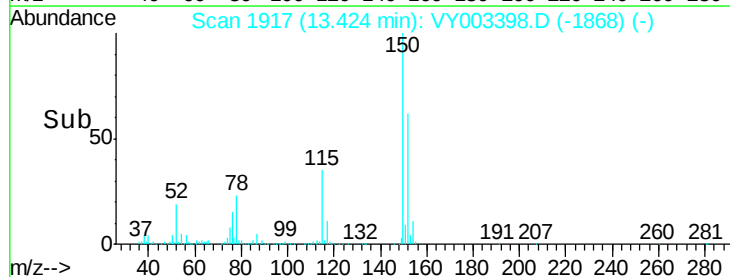
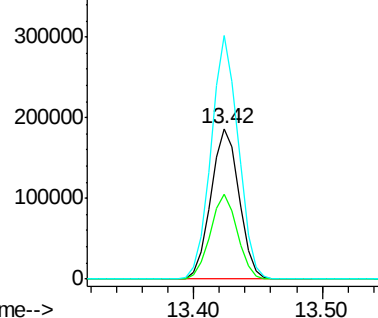


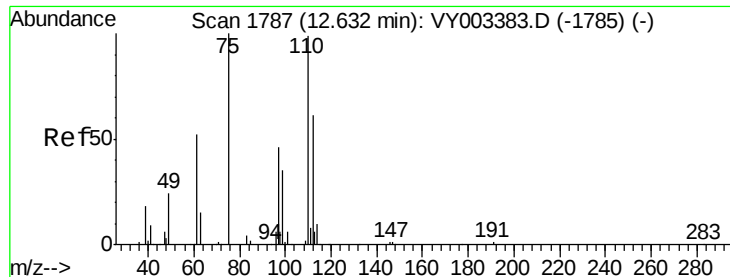
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003398.D
Acq: 31 Jul 2020 18:45

Tgt Ion:152 Resp: 281295
Ion Ratio Lower Upper
152 100
115 54.6 27.2 81.5
150 156.9 0.0 346.8



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: 49.940 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003398.D

Acq: 31 Jul 2020 18:45

Instrument :

MSVOA_Y

ClientSampleId :

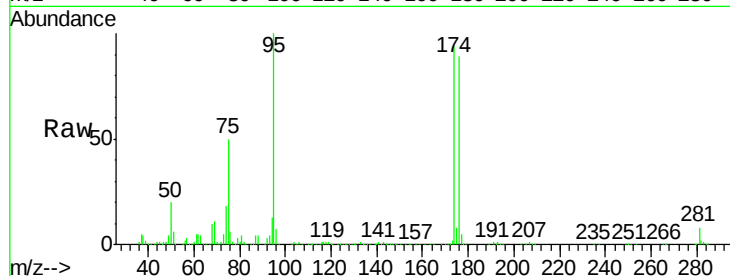
TP-8

Tot Ion: 75 Resp: 126200

Ion Ratio Lower Upper

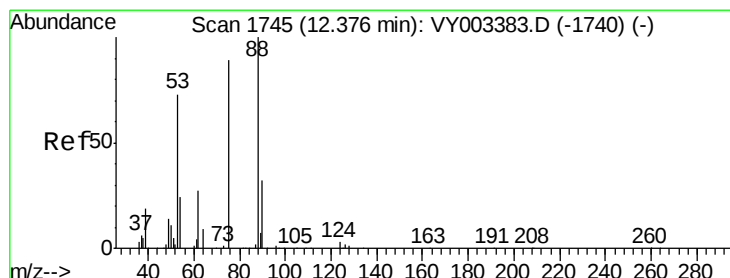
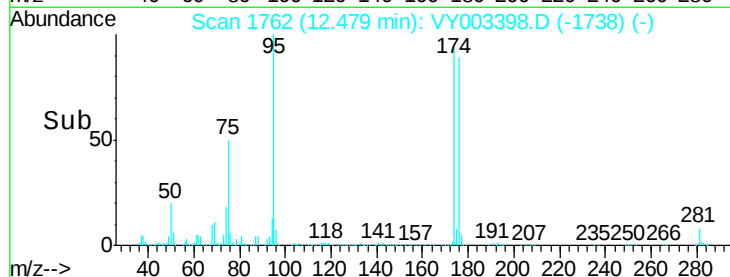
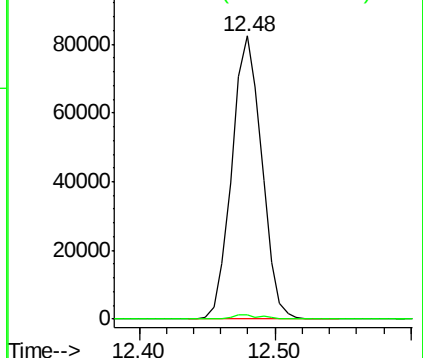
75 100

77 1.6 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: 94.450 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003398.D

Acq: 31 Jul 2020 18:45

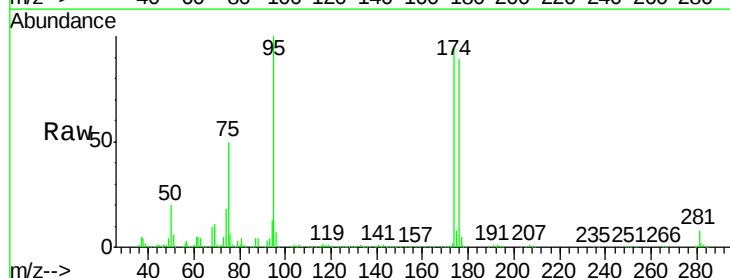
Tgt Ion: 75 Resp: 126200

Ion Ratio Lower Upper

75 100

53 0.0 69.5 104.3#

89 0.1 33.8 50.6#



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

