

Data File : VY002443.D
Acq On : 21 Apr 2020 19:02
Operator : SY/MD
Sample : L2332-05RE
Misc : 6.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-2

Quant Time: Apr 22 02:38:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 20 15:14:11 2020
Response via : Initial Calibration

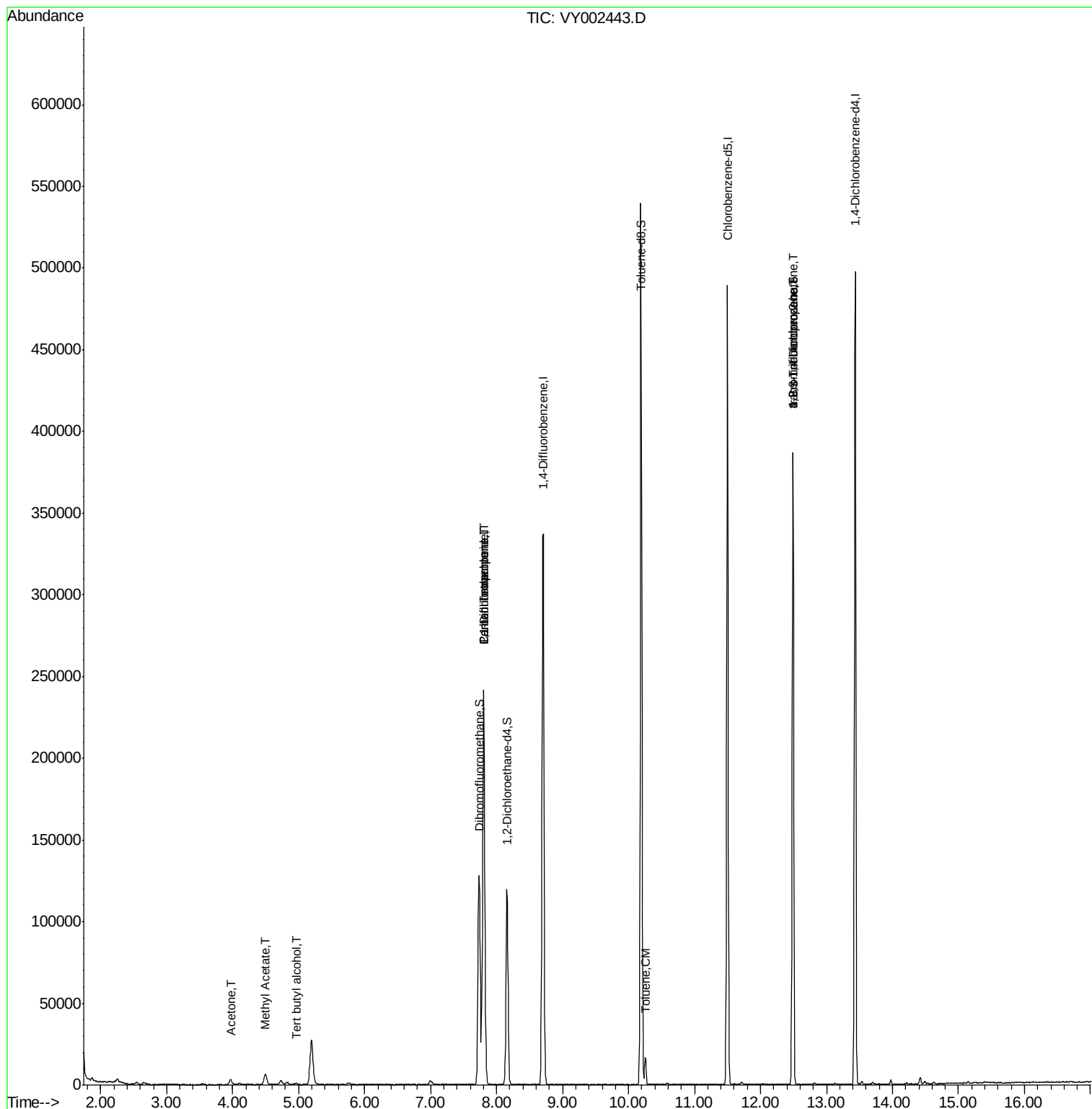
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	213286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	334917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	294305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	140609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	87999	56.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.46%	
35) Dibromofluoromethane	7.74	113	92494	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
50) Toluene-d8	10.19	98	381689	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
62) 4-Bromofluorobenzene	12.49	95	113122	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
Target Compounds						
11) Tert butyl alcohol	4.96	59	1189	6.413	ug/l #	74
16) Acetone	3.96	43	3739	9.020	ug/l	97
18) Methyl Acetate	4.49	43	12573	10.611	ug/l	100
36) 1,1-Dichloropropene	7.80	75	12113	4.495	ug/l #	47
38) Carbon Tetrachloride	7.81	117	18126	6.678	ug/l #	15
52) Toluene	10.25	92	7634	1.454	ug/l	98
76) 1,2,3-Trichloropropane	12.49	75	52373	42.279	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	52373	82.399	ug/l #	19

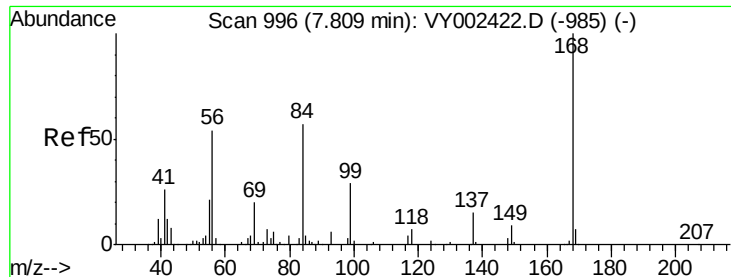
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002443.D

Acq: 21 Apr 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

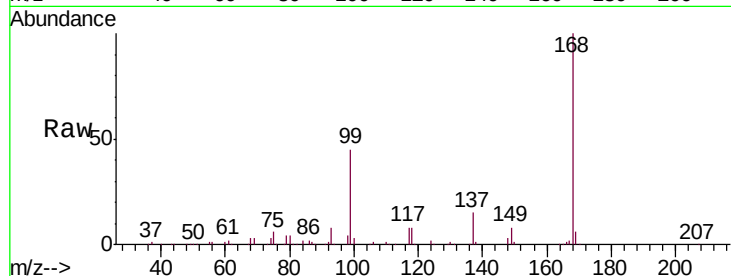
TP-4-2

Tgt Ion:168 Resp: 213286

Ion Ratio Lower Upper

168 100

99 44.7 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.80

100000

80000

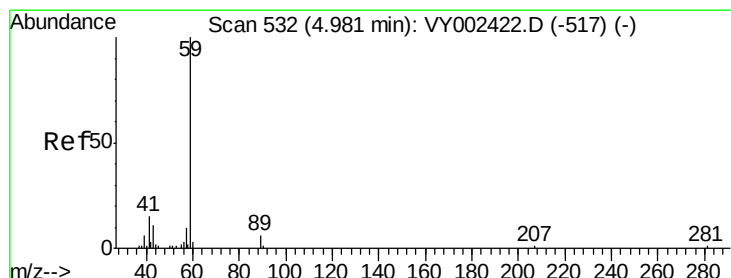
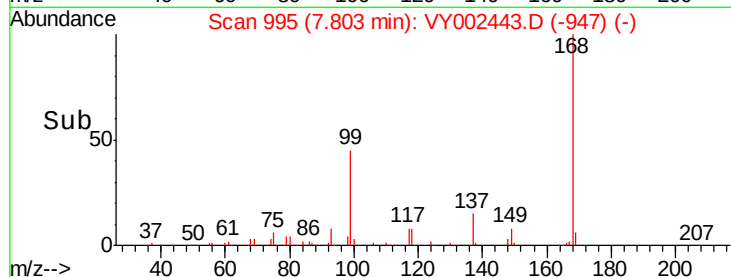
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 6.413 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.02 min

Lab File: VY002443.D

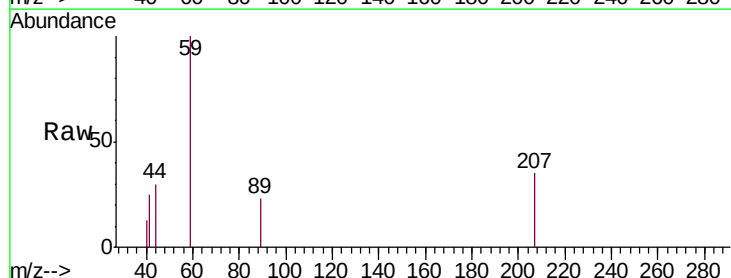
Acq: 21 Apr 2020 19:02

Tgt Ion: 59 Resp: 1189

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY002422.D (-517) (-)

Ion 57.00 (56.70 to 57.70): VY002422.D (-517) (-)

4.96

500

400

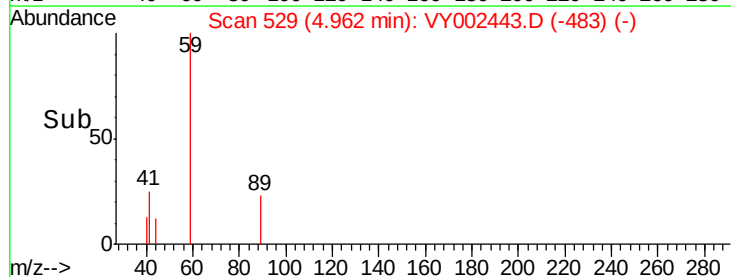
300

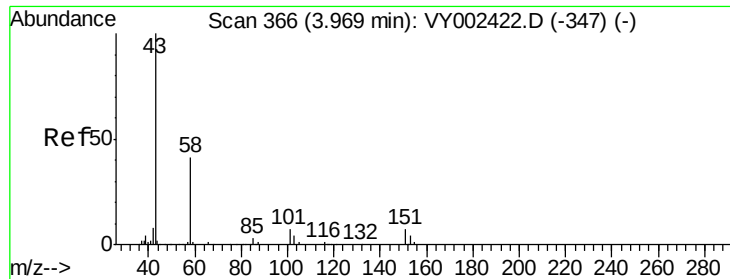
200

100

0

Time-->





#16

Acetone

Concen: 9.020 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002443.D

Acq: 21 Apr 2020 19:02

Instrument :

MSVOA_Y

ClientSampled :

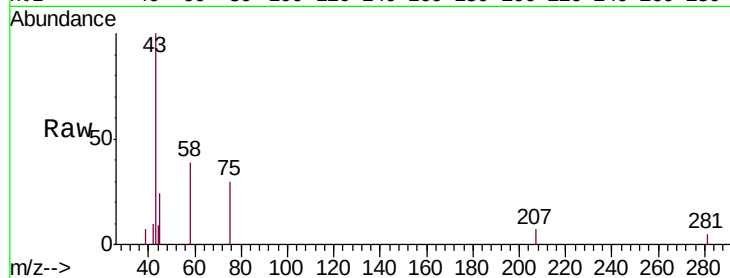
TP-4-2

Tgt Ion: 43 Resp: 3739

Ion Ratio Lower Upper

43 100

58 38.7 32.6 48.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

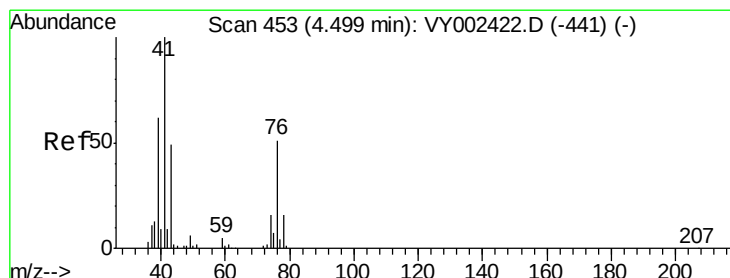
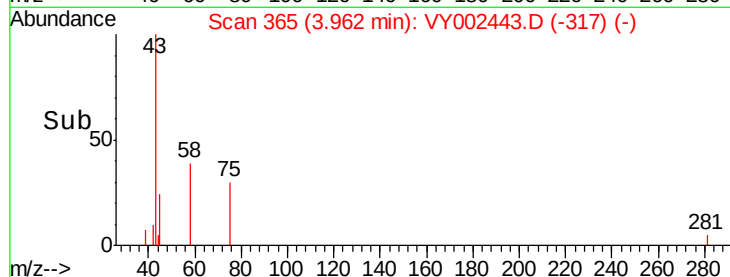
1500

1000

500

0

Time--> 3.85 3.90 3.95 4.00 4.05



#18

Methyl Acetate

Concen: 10.611 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002443.D

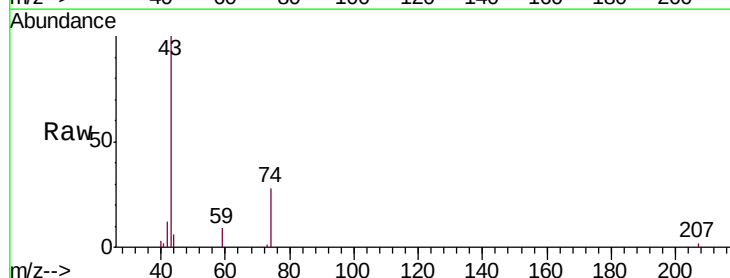
Acq: 21 Apr 2020 19:02

Tgt Ion: 43 Resp: 12573

Ion Ratio Lower Upper

43 100

74 31.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

5000

4000

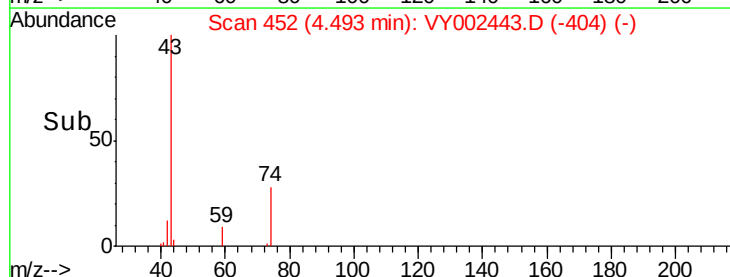
3000

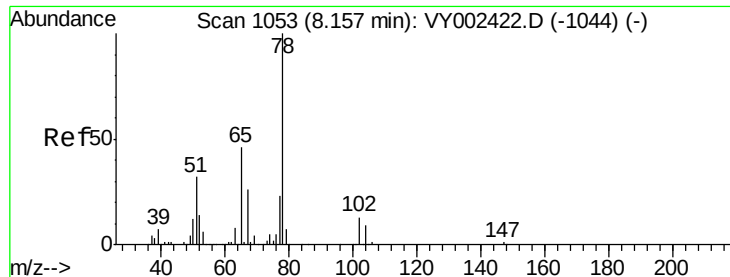
2000

1000

0

Time--> 4.40 4.50 4.60

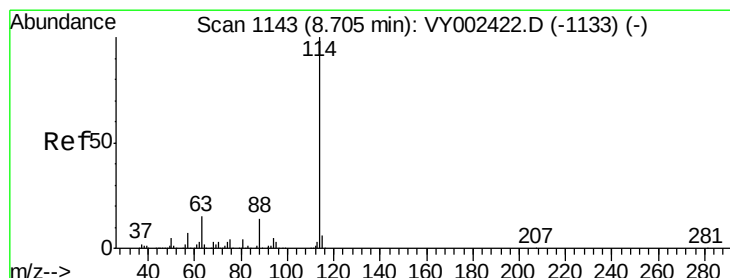
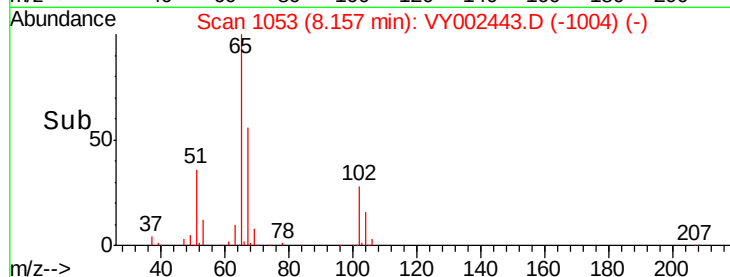
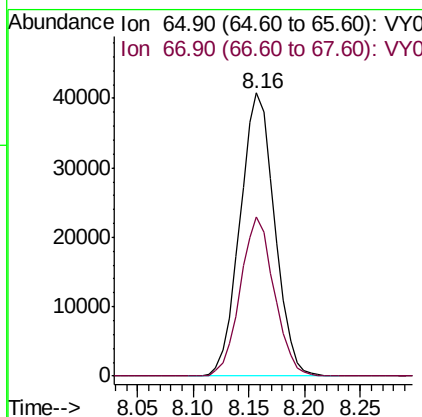
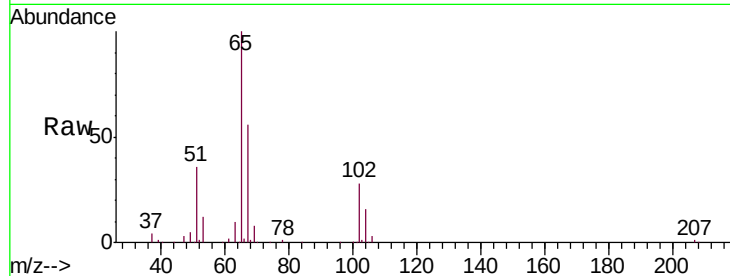




#33
 1,2-Dichloroethane-d4
 Concen: 56.728 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY002443.D
 Acq: 21 Apr 2020 19:02

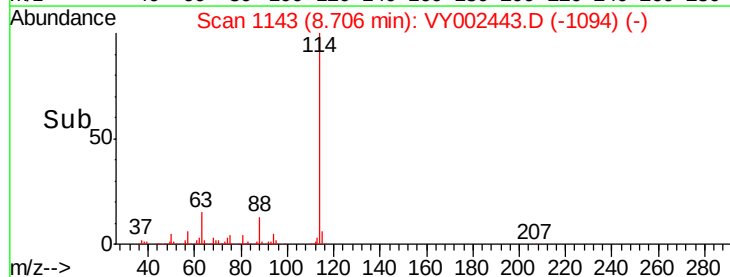
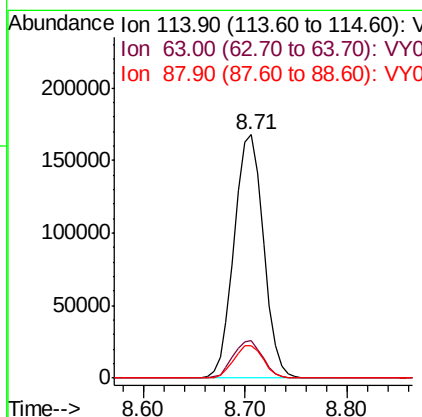
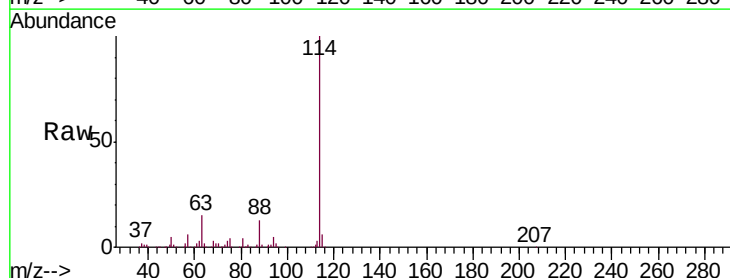
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-2

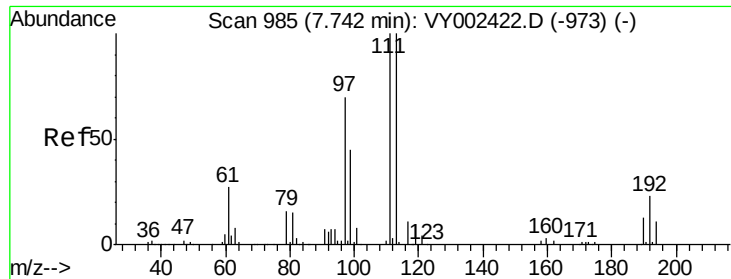
Tgt Ion: 65 Resp: 87999
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002443.D
 Acq: 21 Apr 2020 19:02

Tgt Ion: 114 Resp: 334917
 Ion Ratio Lower Upper
 114 100
 63 15.3 0.0 31.0
 88 13.3 0.0 28.2

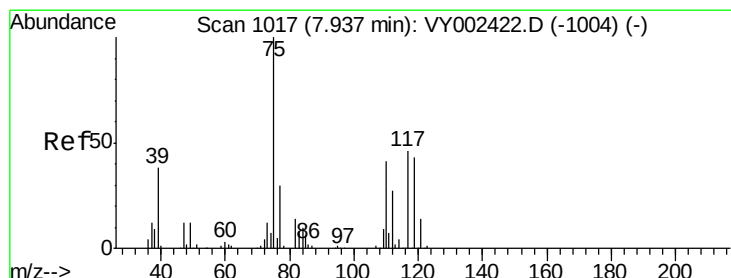
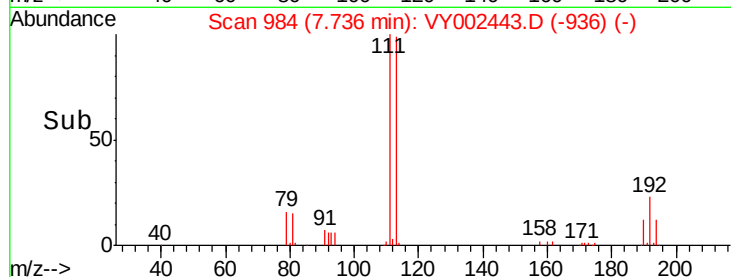
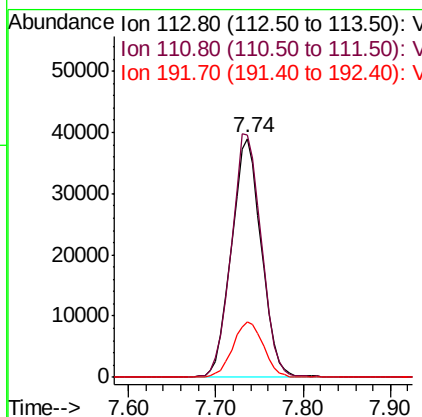
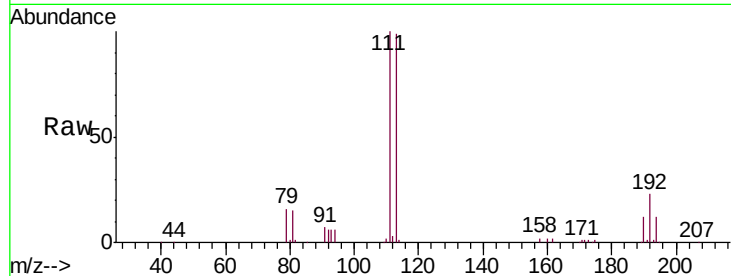




#35
 Dibromofluoromethane
 Concen: 52.506 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002443.D
 Acq: 21 Apr 2020 19:02

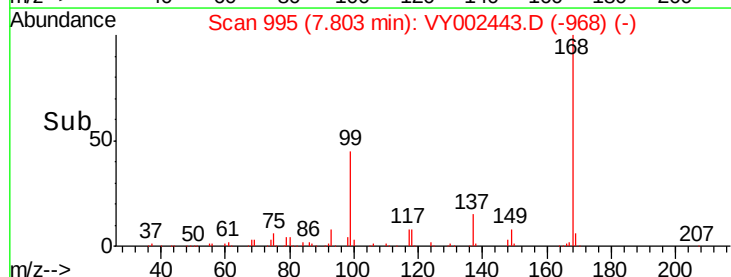
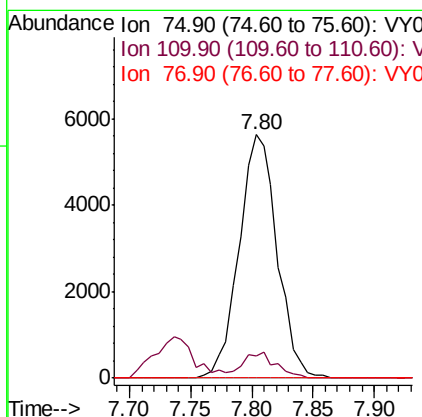
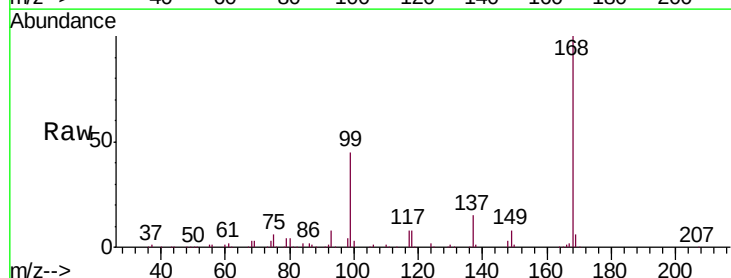
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-4-2

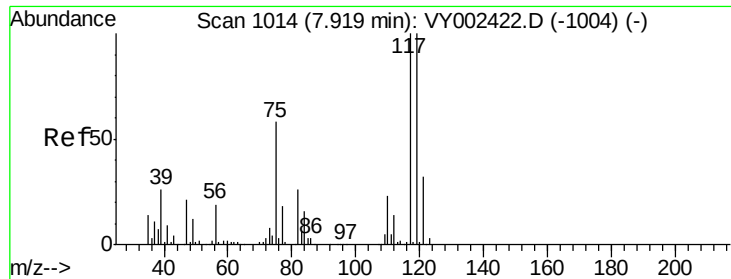
Tgt Ion:113 Resp: 92494
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.7 122.5
 192 23.8 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 4.495 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002443.D
 Acq: 21 Apr 2020 19:02

Tgt Ion: 75 Resp: 12113
 Ion Ratio Lower Upper
 75 100
 110 9.3 20.4 61.2#
 77 0.0 25.5 38.3#





#38

Carbon Tetrachloride

Concen: 6.678 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.11 min

Lab File: VY002443.D

Acq: 21 Apr 2020 19:02

Instrument :

MSVOA_Y

ClientSampled :

TP-4-2

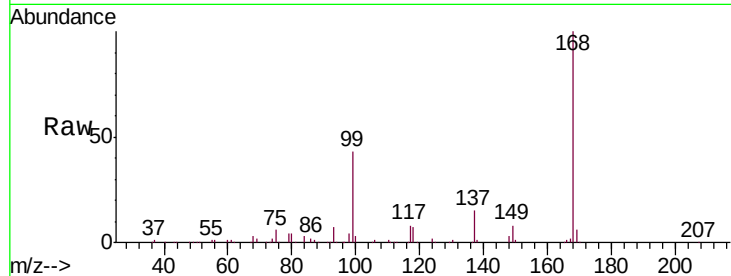
Tgt Ion:117 Resp: 18126

Ion Ratio Lower Upper

117 100

119 5.4 79.6 119.4#

121 0.0 25.4 38.2#

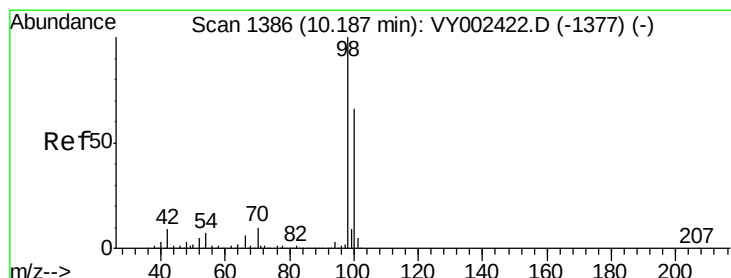
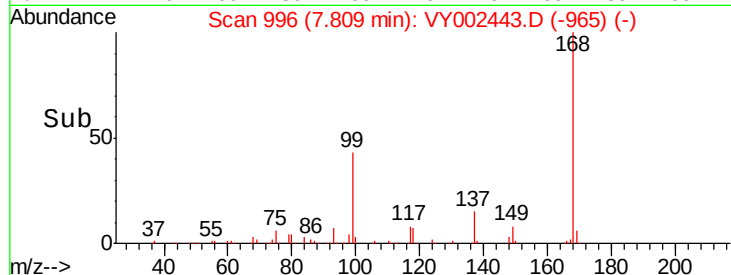
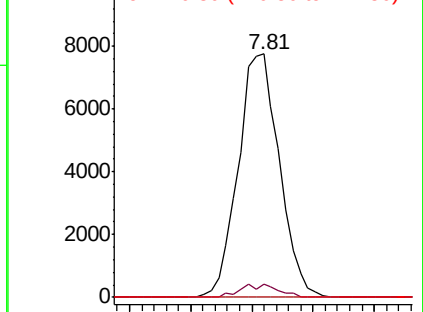


Abundance

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: 53.571 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002443.D

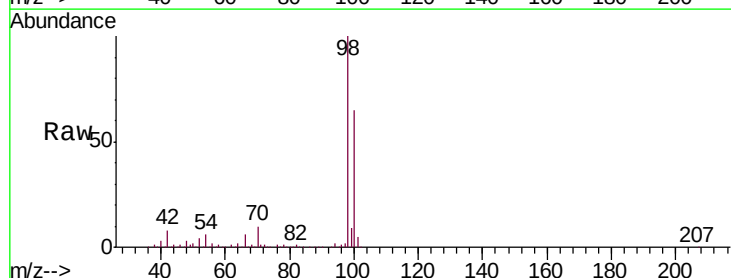
Acq: 21 Apr 2020 19:02

Tgt Ion: 98 Resp: 381689

Ion Ratio Lower Upper

98 100

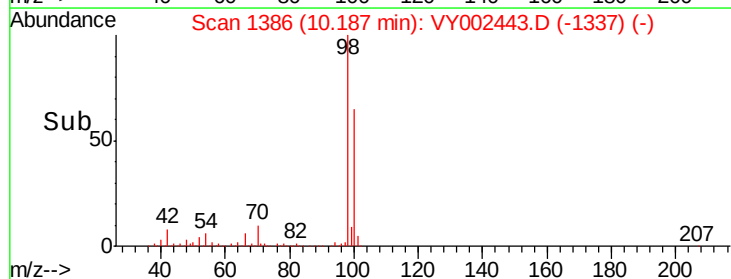
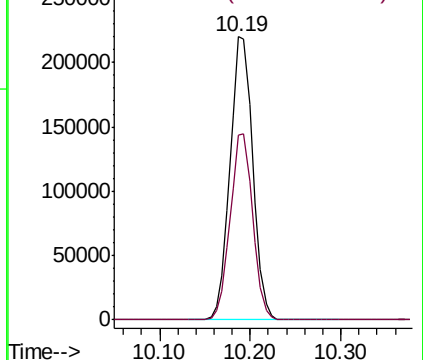
100 65.3 51.6 77.4

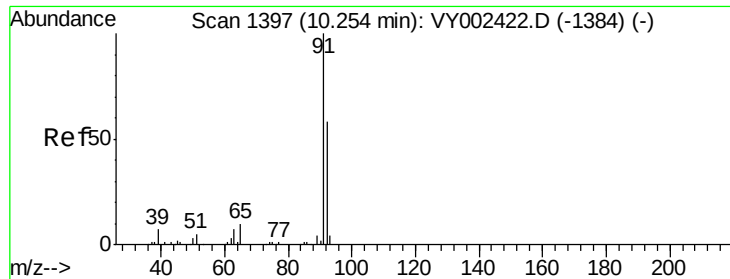


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#52

Toluene

Concen: 1.454 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY002443.D

Acq: 21 Apr 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

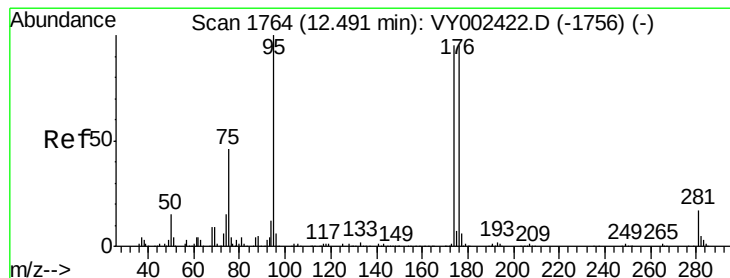
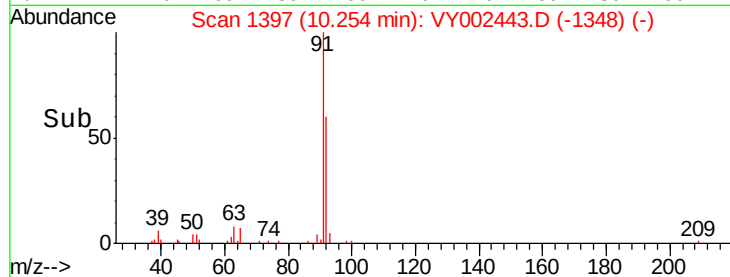
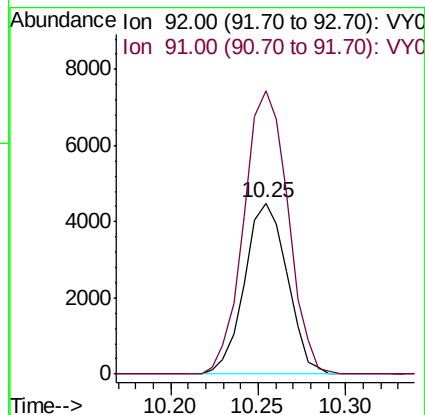
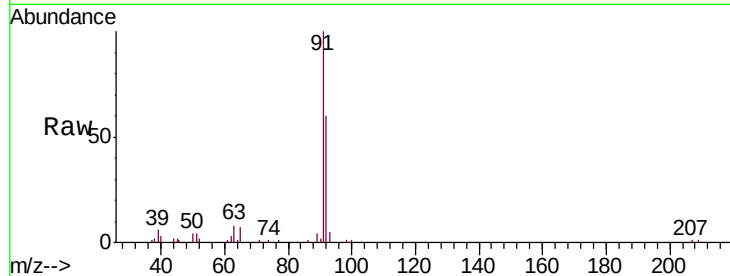
TP-4-2

Tgt Ion: 92 Resp: 7634

Ion Ratio Lower Upper

92 100

91 171.1 139.3 208.9



#62

4-Bromofluorobenzene

Concen: 48.088 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002443.D

Acq: 21 Apr 2020 19:02

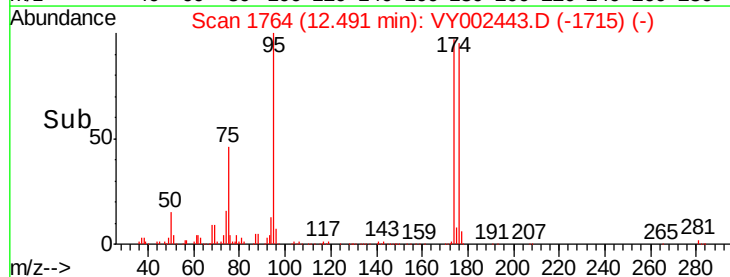
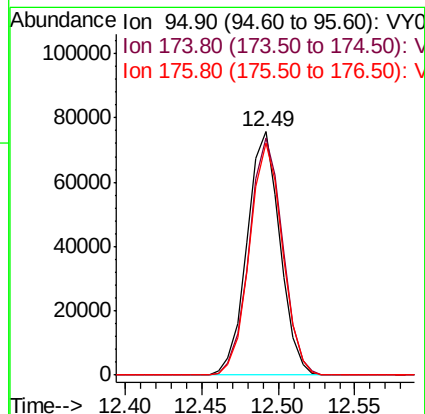
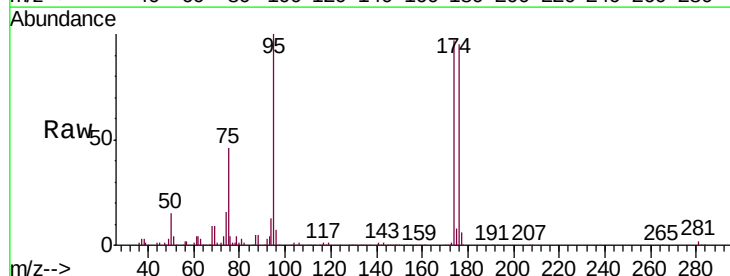
Tgt Ion: 95 Resp: 113122

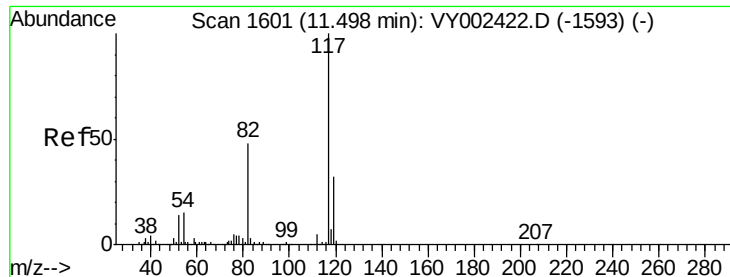
Ion Ratio Lower Upper

95 100

174 99.0 0.0 185.8

176 95.9 0.0 181.2

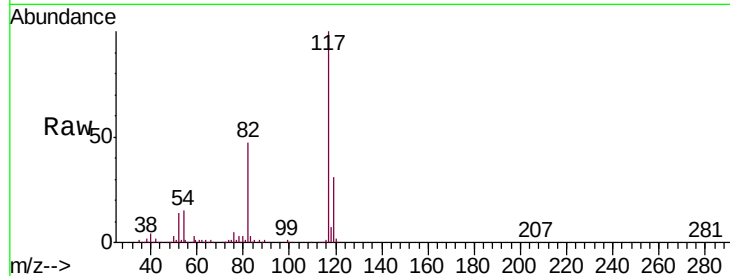




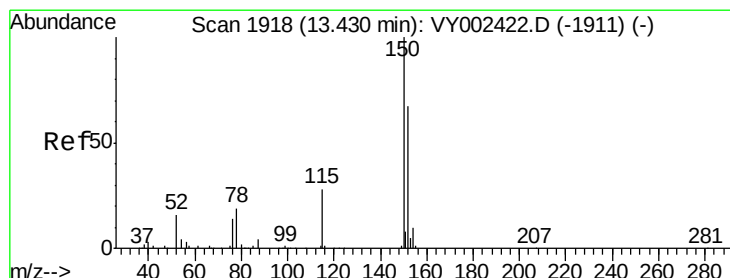
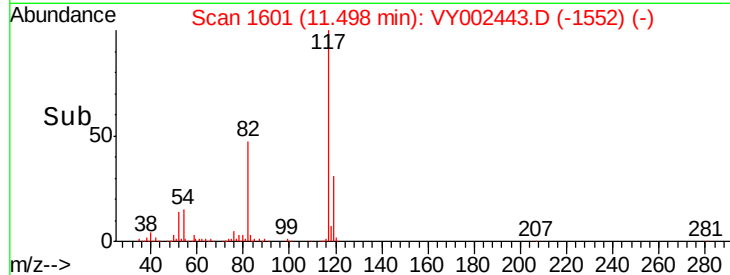
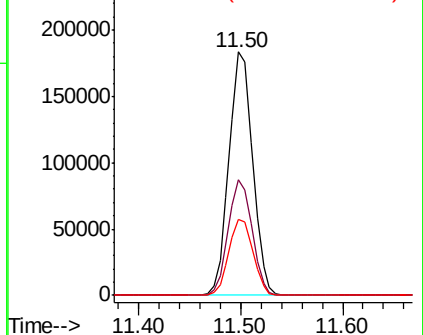
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002443.D
Acq: 21 Apr 2020 19:02

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-2

Tgt Ion:117 Resp: 294305
Ion Ratio Lower Upper
117 100
82 47.3 38.4 57.6
119 31.0 25.3 37.9

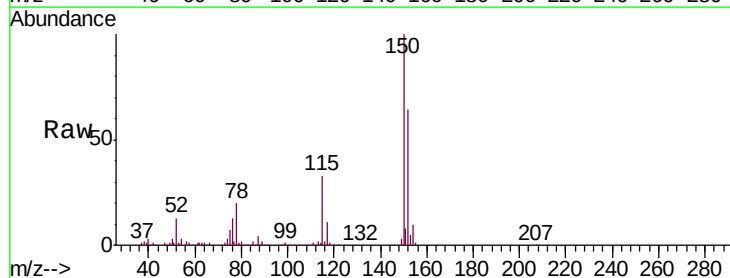


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

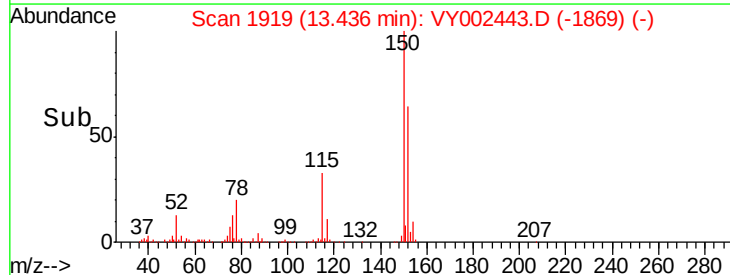
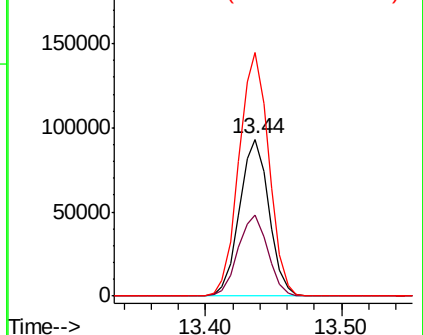


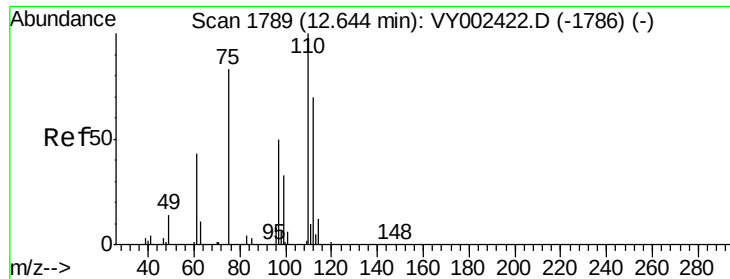
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002443.D
Acq: 21 Apr 2020 19:02

Tgt Ion:152 Resp: 140609
Ion Ratio Lower Upper
152 100
115 52.3 27.3 81.8
150 158.0 0.0 344.0



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: 42.279 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002443.D

Acq: 21 Apr 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

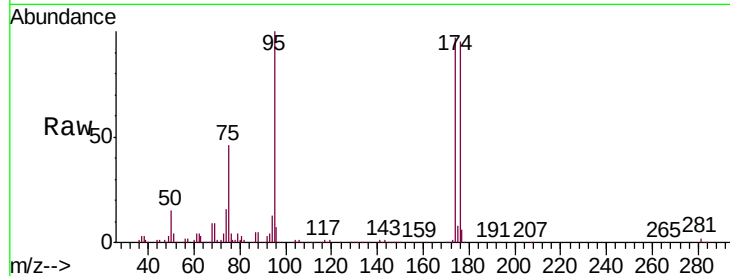
TP-4-2

Tgt Ion: 75 Resp: 52373

Ion Ratio Lower Upper

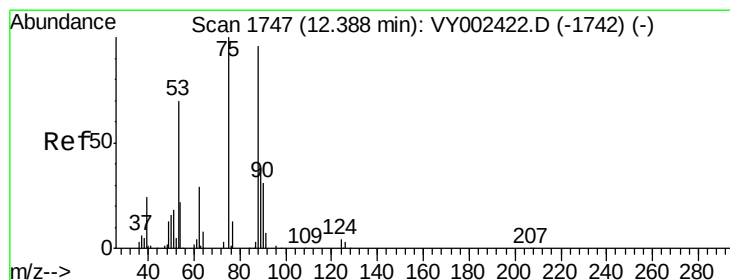
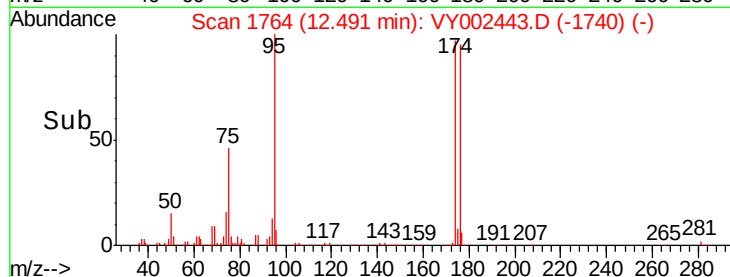
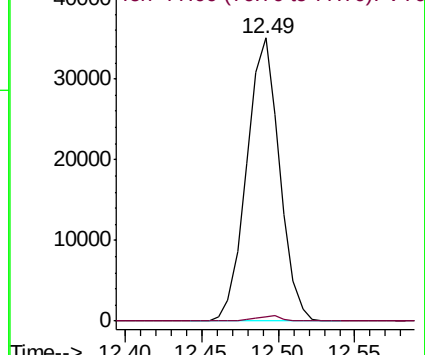
75 100

77 1.5 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: 82.399 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002443.D

Acq: 21 Apr 2020 19:02

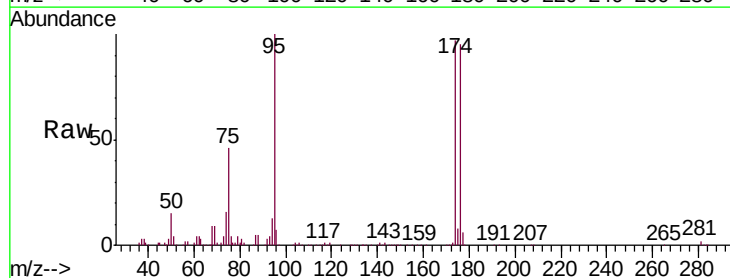
Tgt Ion: 75 Resp: 52373

Ion Ratio Lower Upper

75 100

53 0.0 58.7 88.1#

89 0.0 37.9 56.9#



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

