

Data File : VY002446.D
Acq On : 21 Apr 2020 20:09
Operator : SY/MD
Sample : L2350-02RE
Misc : 6.76G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-5-S2

Quant Time: Apr 22 02:38:56 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	7.81	168	223204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	353807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	292942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	140225	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	93944	57.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.74%	
35) Dibromofluoromethane	7.74	113	102044	54.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.66%	
50) Toluene-d8	10.19	98	404075	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
62) 4-Bromofluorobenzene	12.49	95	114131	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	

Target Compounds

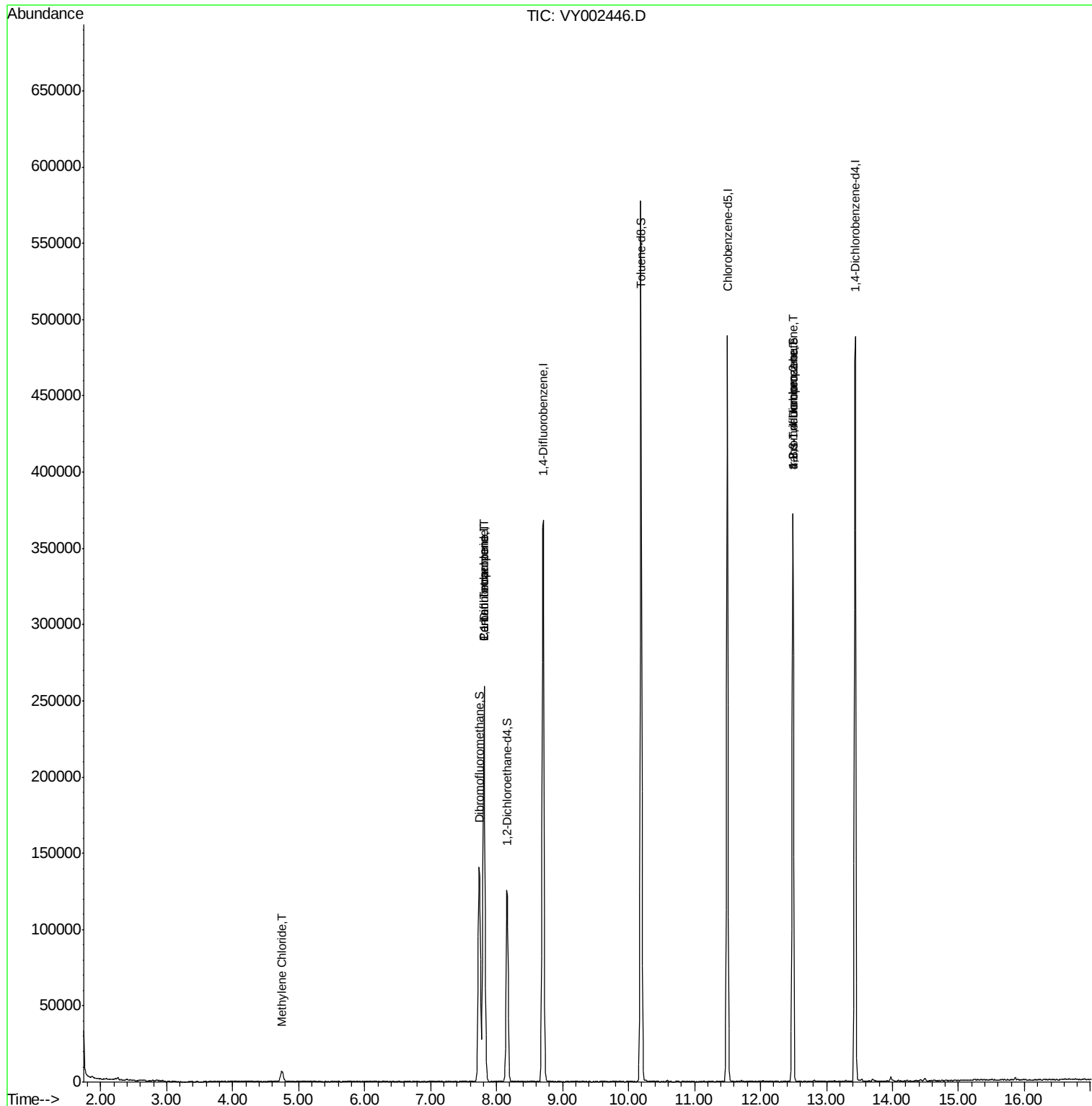
						Qvalue
20) Methylene Chloride	4.74	84	5860	2.414	ug/l	97
36) 1,1-Dichloropropene	7.81	75	13027	4.576	ug/l #	46
38) Carbon Tetrachloride	7.81	117	18914	6.596	ug/l #	13
76) 1,2,3-Trichloropropane	12.49	75	52307	42.342	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	52307	82.520	ug/l #	19

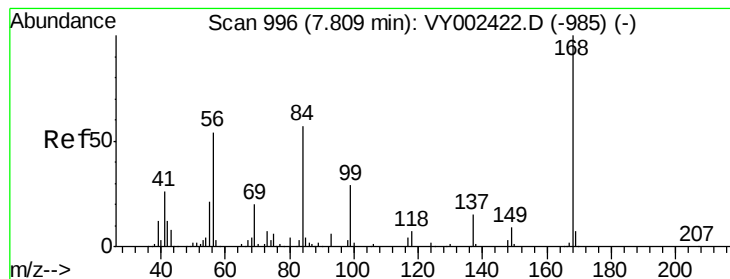
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002446.D

Acq: 21 Apr 2020 20:09

Instrument :

MSVOA_Y

ClientSampleId :

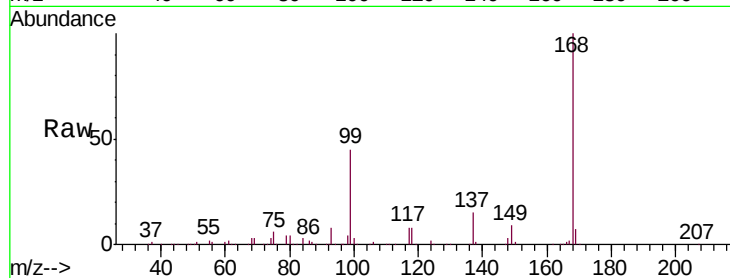
TP-5-S2

Tgt Ion:168 Resp: 223204

Ion Ratio Lower Upper

168 100

99 44.5 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) (-)

7.81

100000

80000

60000

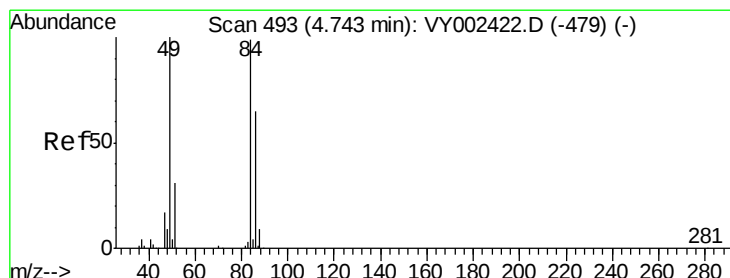
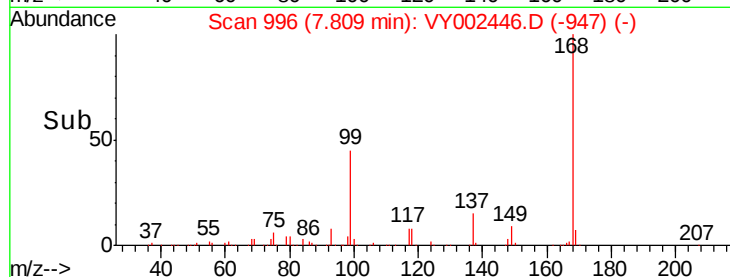
40000

20000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 2.414 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.00 min

Lab File: VY002446.D

Acq: 21 Apr 2020 20:09

Tgt Ion: 84 Resp: 5860

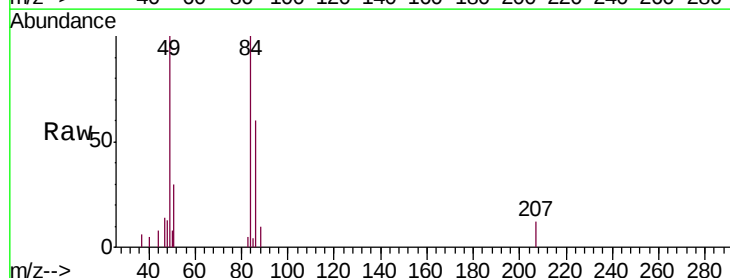
Ion Ratio Lower Upper

84 100

49 100.1 81.0 121.6

51 29.9 24.9 37.3

86 60.2 52.7 79.1



Abundance Ion 83.90 (83.60 to 84.60): VY002422.D (-479) (-)

Ion 48.90 (48.60 to 49.60): VY002422.D (-479) (-)

Ion 50.90 (50.60 to 51.60): VY002422.D (-479) (-)

Ion 85.90 (85.60 to 86.60): VY002422.D (-479) (-)

4.74

3000

2500

2000

1500

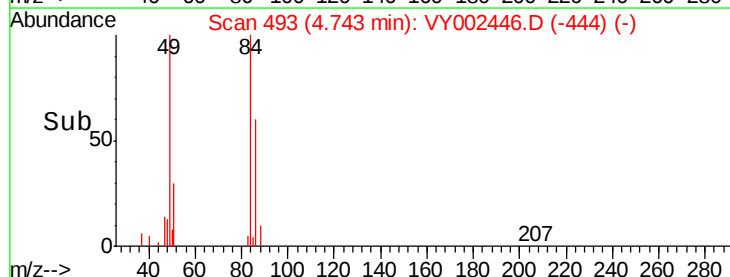
1000

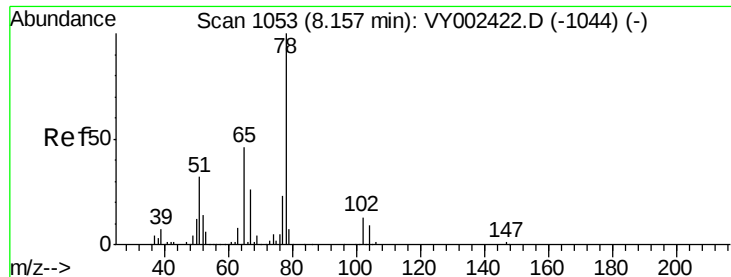
500

0

4.65 4.70 4.75 4.80 4.85

Time-->





#33

1,2-Dichloroethane-d4

Concen: 57.869 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002446.D

Acq: 21 Apr 2020 20:09

Instrument :

MSVOA_Y

ClientSampleId :

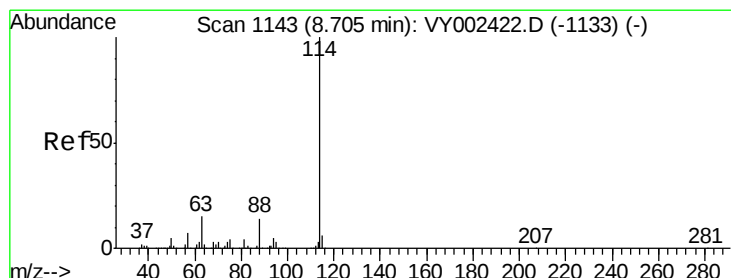
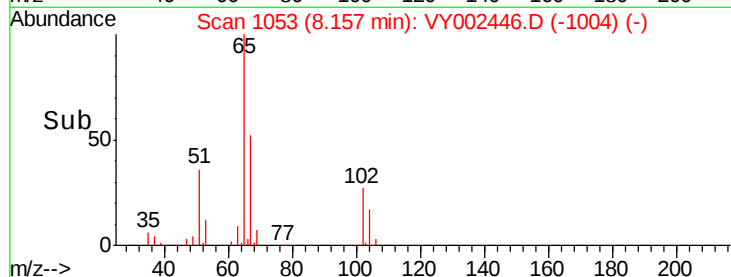
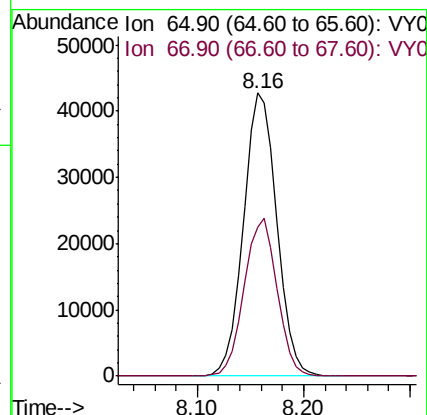
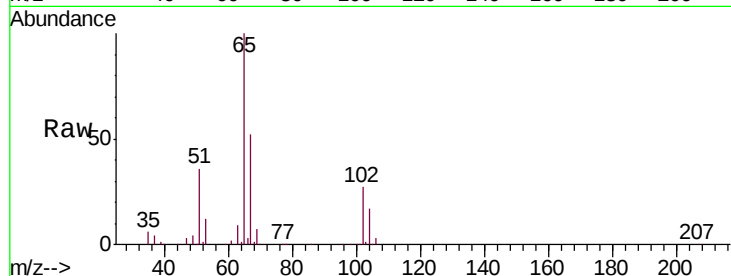
TP-5-S2

Tgt Ion: 65 Resp: 93944

Ion Ratio Lower Upper

65 100

67 55.0 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: VY002446.D

Acq: 21 Apr 2020 20:09

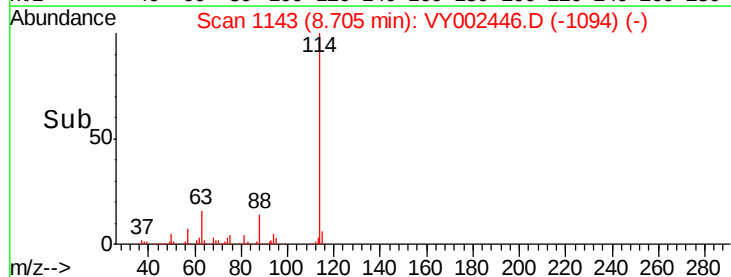
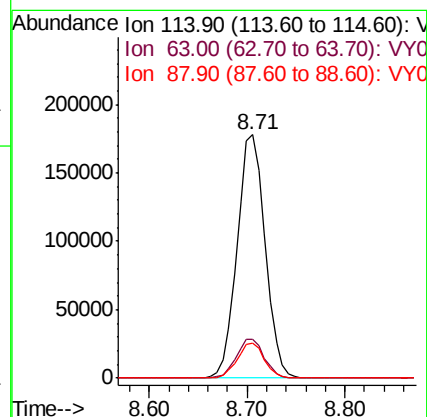
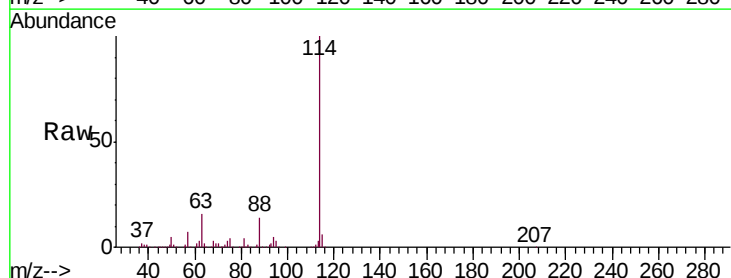
Tgt Ion: 114 Resp: 353807

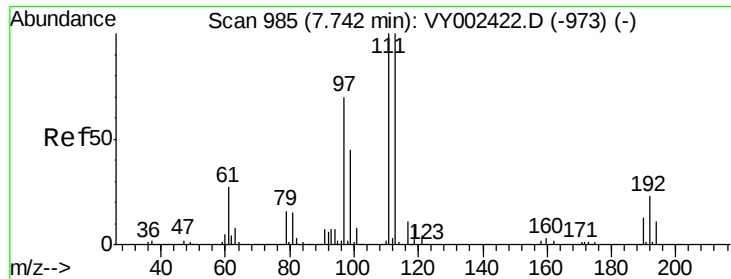
Ion Ratio Lower Upper

114 100

63 16.1 0.0 31.0

88 14.3 0.0 28.2

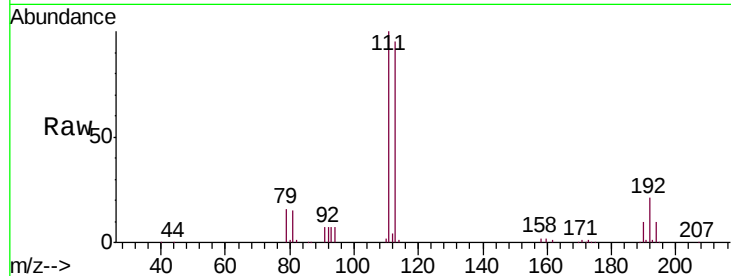




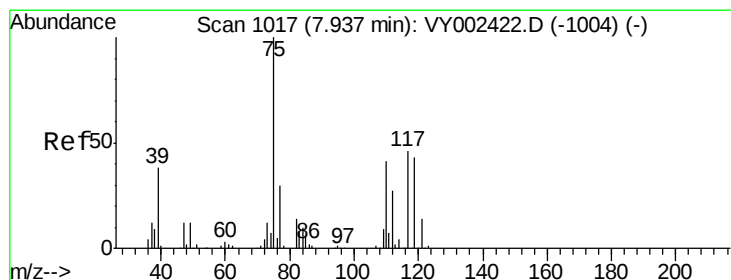
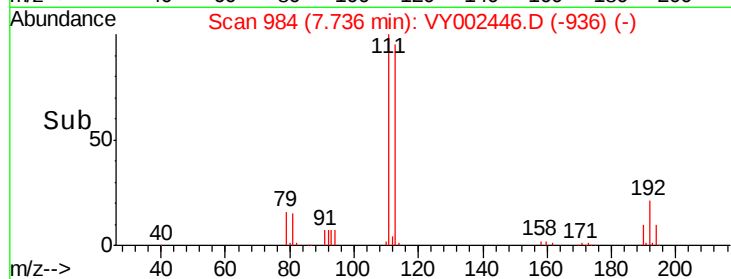
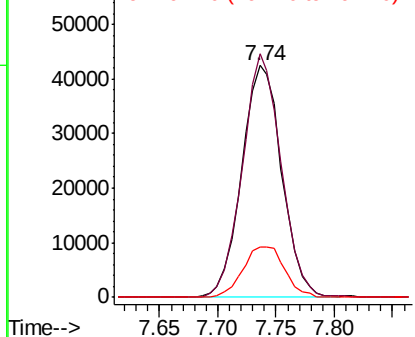
#35
 Dibromofluoromethane
 Concen: 54.834 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002446.D
 Acq: 21 Apr 2020 20:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-S2

Tgt Ion:113 Resp: 102044
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 22.8 17.8 26.6

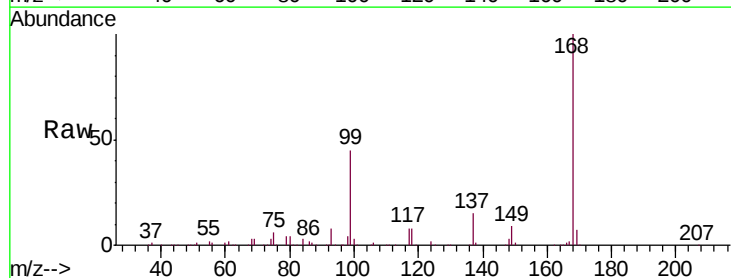


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

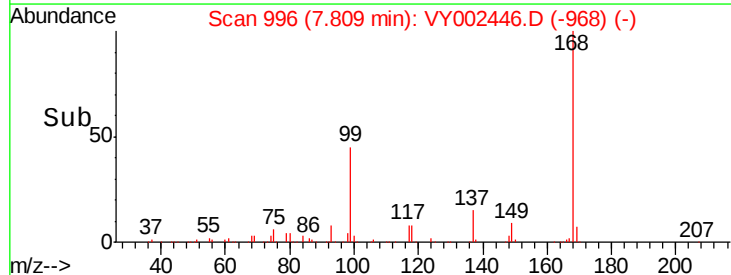
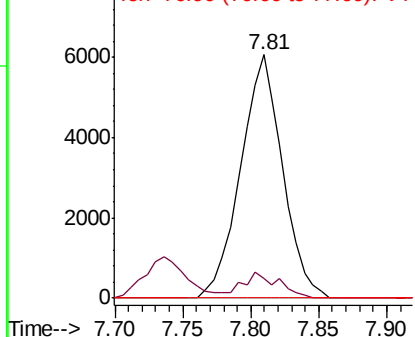


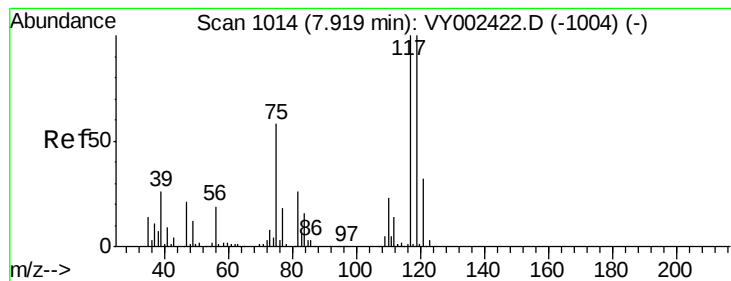
#36
 1,1-Dichloropropene
 Concen: 4.576 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002446.D
 Acq: 21 Apr 2020 20:09

Tgt Ion: 75 Resp: 13027
 Ion Ratio Lower Upper
 75 100
 110 9.2 20.4 61.2#
 77 0.0 25.5 38.3#



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: 6.596 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.11 min

Lab File: VY002446.D

Acq: 21 Apr 2020 20:09

Instrument :

MSVOA_Y

ClientSampled :

TP-5-S2

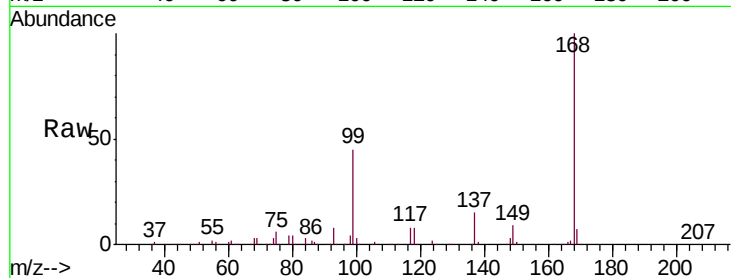
Tgt Ion:117 Resp: 18914

Ion Ratio Lower Upper

117 100

119 3.2 79.6 119.4#

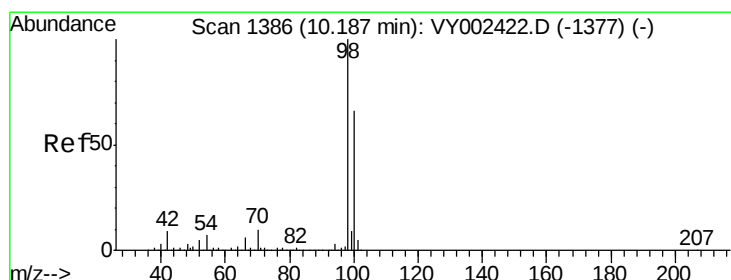
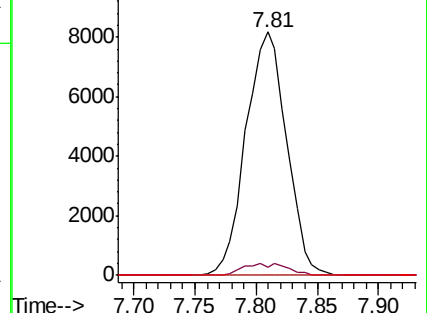
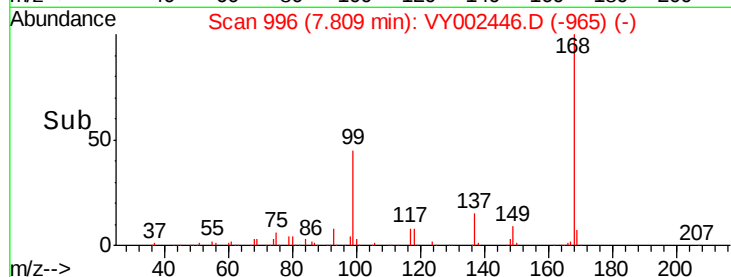
121 0.0 25.4 38.2#



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: 53.685 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002446.D

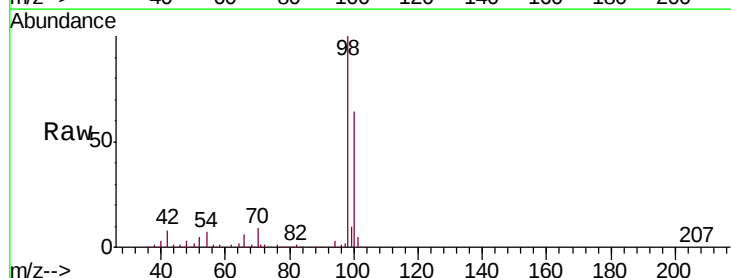
Acq: 21 Apr 2020 20:09

Tgt Ion: 98 Resp: 404075

Ion Ratio Lower Upper

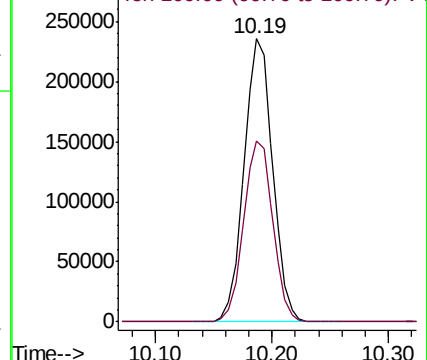
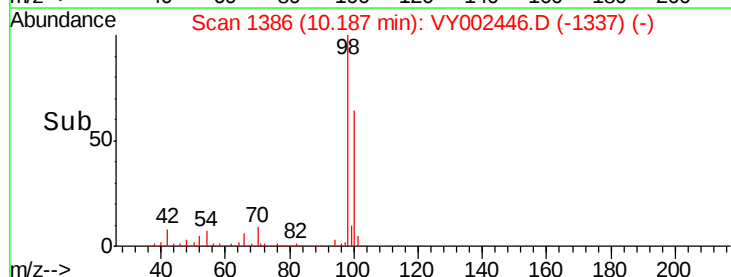
98 100

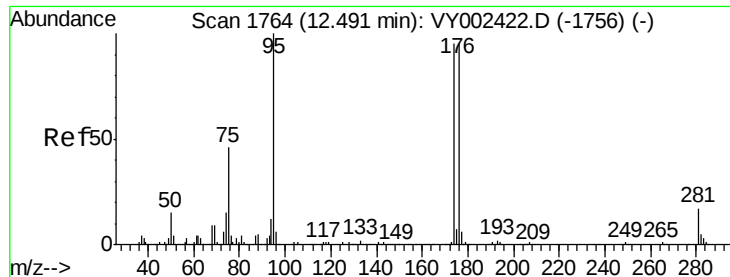
100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

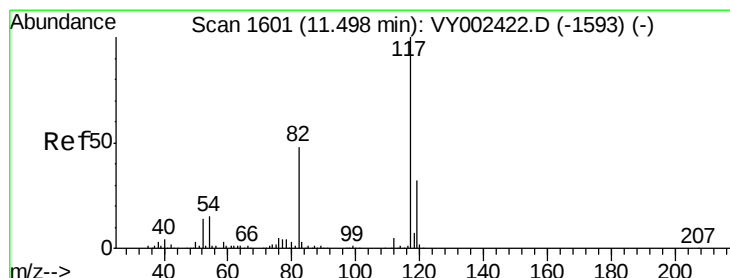
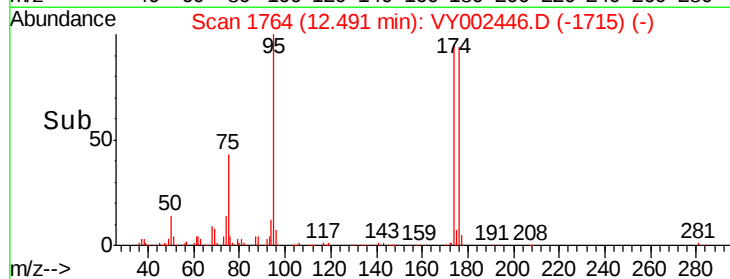
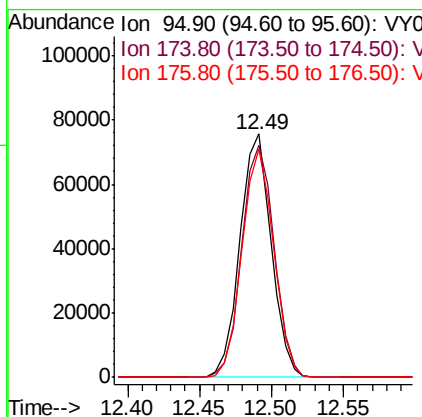
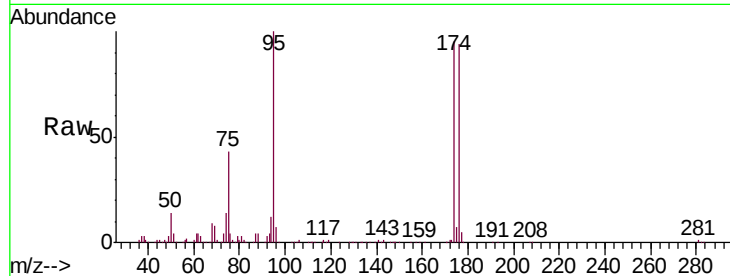




#62
4-Bromofluorobenzene
Concen: 45.927 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY002446.D
Acq: 21 Apr 2020 20:09

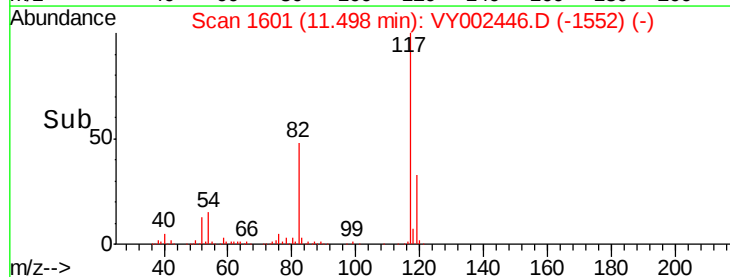
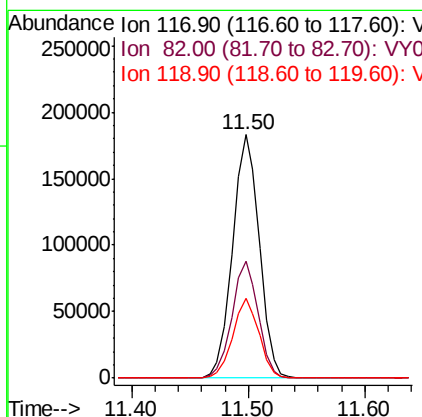
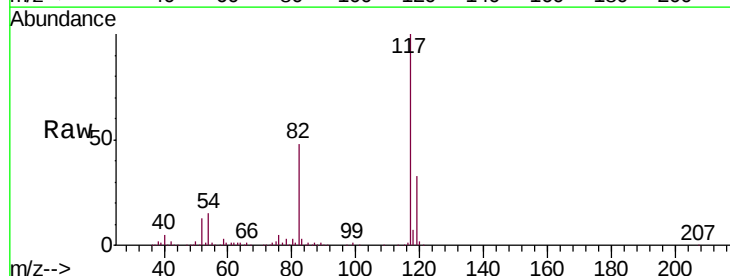
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-S2

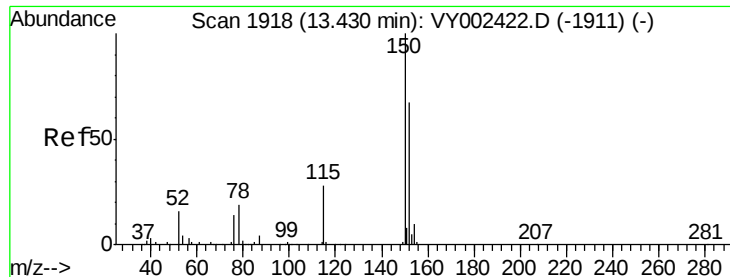
Tgt Ion: 95 Resp: 114131
Ion Ratio Lower Upper
95 100
174 98.1 0.0 185.8
176 94.7 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002446.D
Acq: 21 Apr 2020 20:09

Tgt Ion: 117 Resp: 292942
Ion Ratio Lower Upper
117 100
82 48.1 38.4 57.6
119 32.5 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002446.D

Acq: 21 Apr 2020 20:09

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-S2

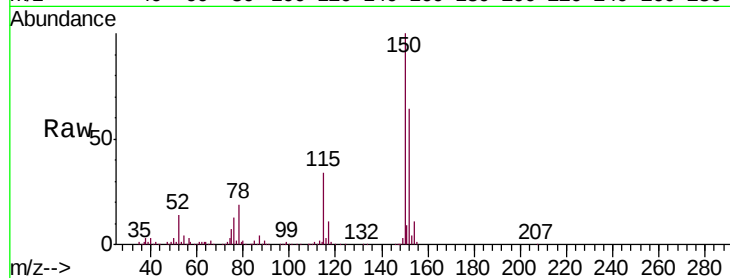
Tgt Ion: 152 Resp: 140225

Ion Ratio Lower Upper

152 100

115 52.4 27.3 81.8

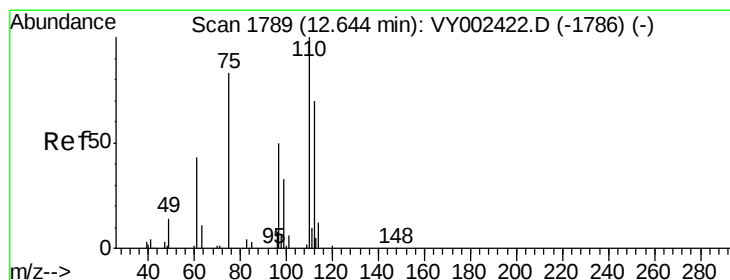
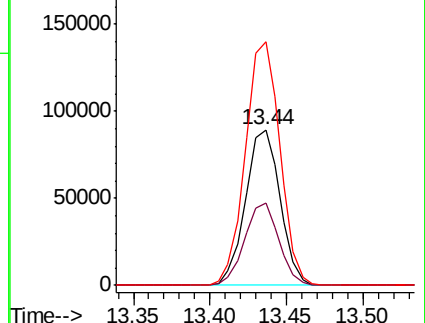
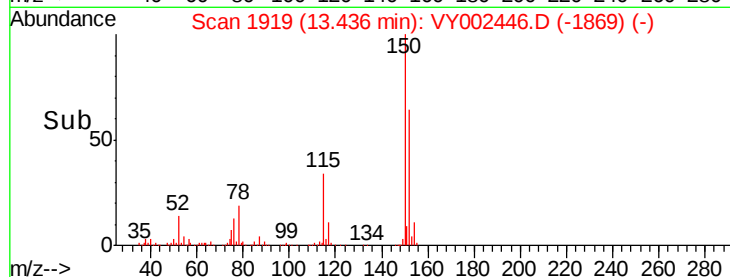
150 157.2 0.0 344.0



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: 42.342 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY002446.D

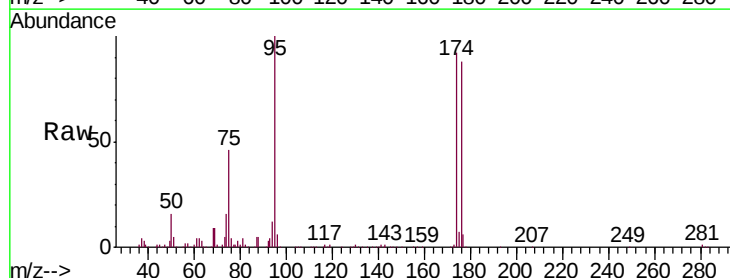
Acq: 21 Apr 2020 20:09

Tgt Ion: 75 Resp: 52307

Ion Ratio Lower Upper

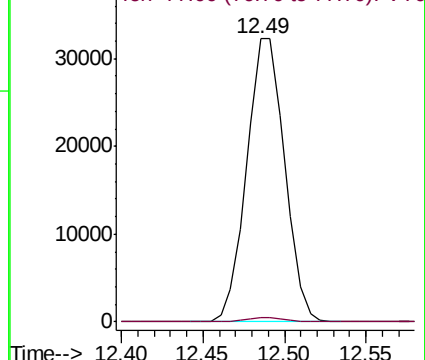
75 100

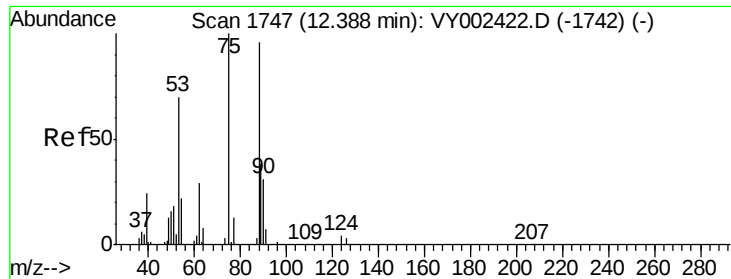
77 1.5 0.0 0.0#



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: 82.520 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002446.D

Acq: 21 Apr 2020 20:09

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-S2

Tgt Ion: 75 Resp: 52307

Ion Ratio Lower Upper

75 100

53 0.0 58.7 88.1#

89 0.0 37.9 56.9#

