

Data File : VY002436.D
Acq On : 21 Apr 2020 16:26
Operator : SY/MD
Sample : L2327-08RE
Misc : 6.57G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-2-S2

Quant Time: Apr 22 02:36:44 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

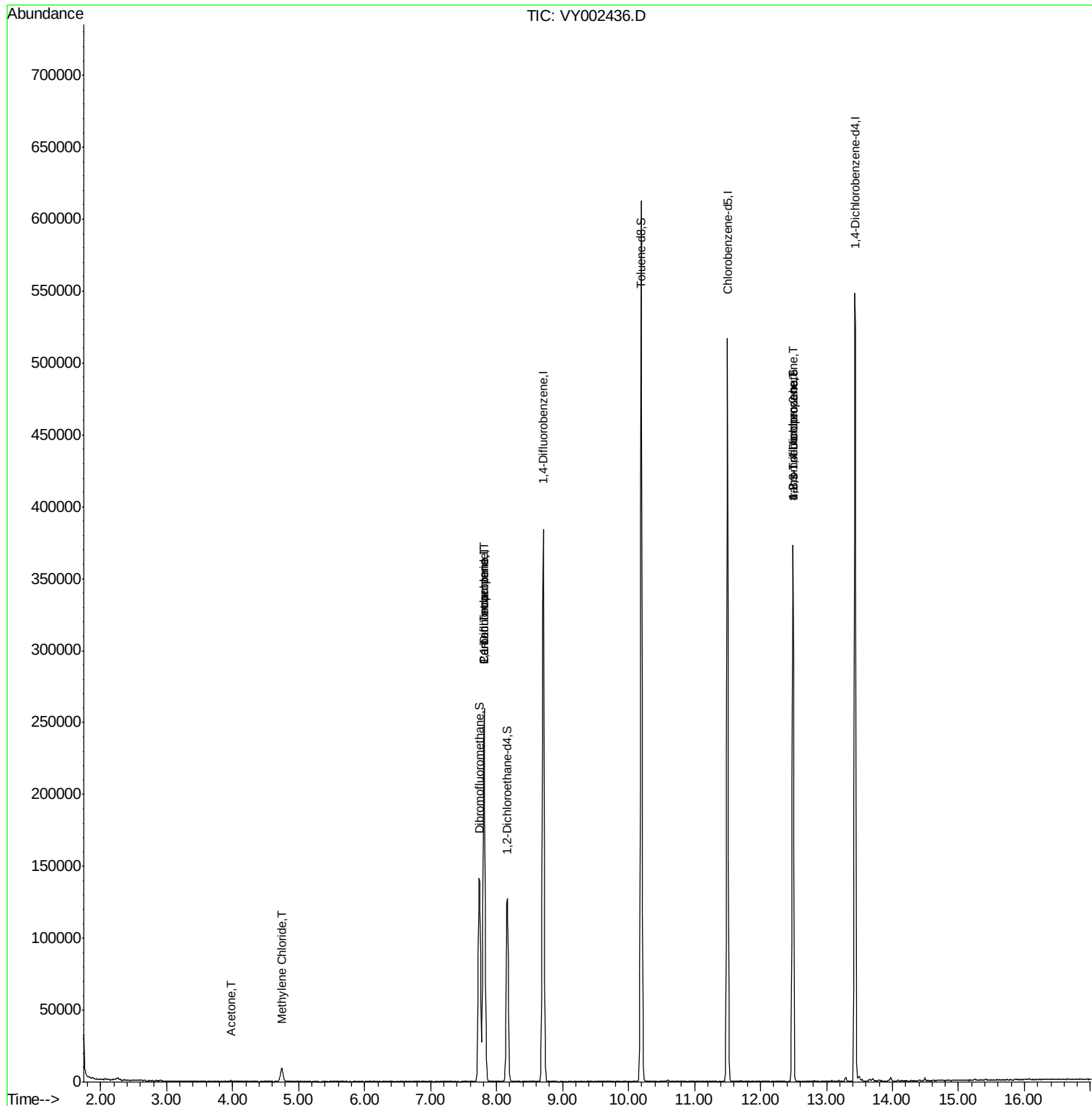
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	224275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	362734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	315525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	152538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	96764	59.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.64%	
35) Dibromofluoromethane	7.74	113	103479	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
50) Toluene-d8	10.19	98	416732	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	
62) 4-Bromofluorobenzene	12.49	95	112993	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	
Target Compounds						
16) Acetone	3.97	43	1285	2.948	ug/l	91
20) Methylene Chloride	4.74	84	7769	3.185	ug/l	89
36) 1,1-Dichloropropene	7.81	75	13313	4.561	ug/l #	49
38) Carbon Tetrachloride	7.81	117	19732	6.712	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	52304	38.922	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	52304	75.855	ug/l #	19

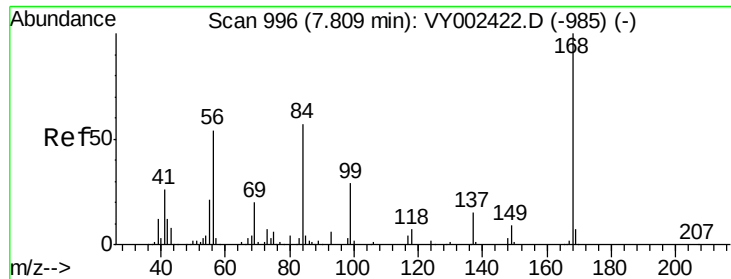
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002436.D

Acq: 21 Apr 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

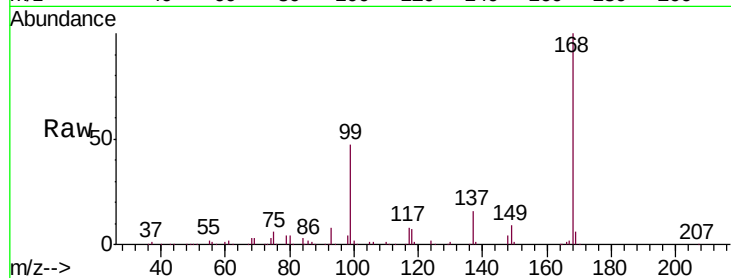
TP-2-S2

Tgt Ion:168 Resp: 224275

Ion Ratio Lower Upper

168 100

99 47.1 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

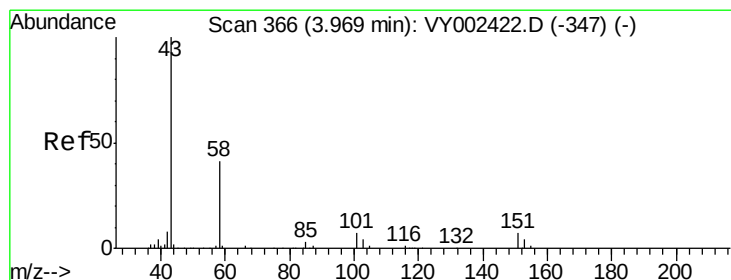
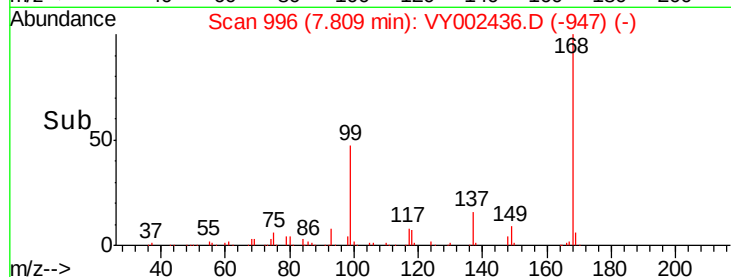
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.948 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002436.D

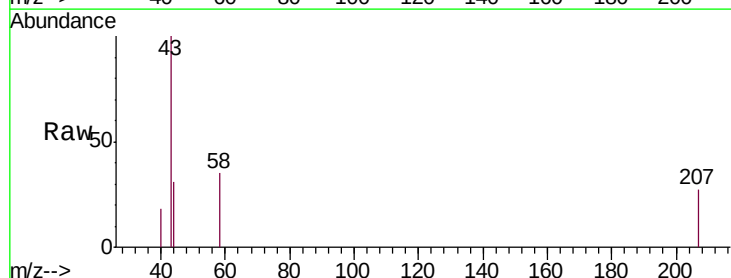
Acq: 21 Apr 2020 16:26

Tgt Ion: 43 Resp: 1285

Ion Ratio Lower Upper

43 100

58 35.4 32.6 48.8



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002422.D (-347) (-)

3.97

500

400

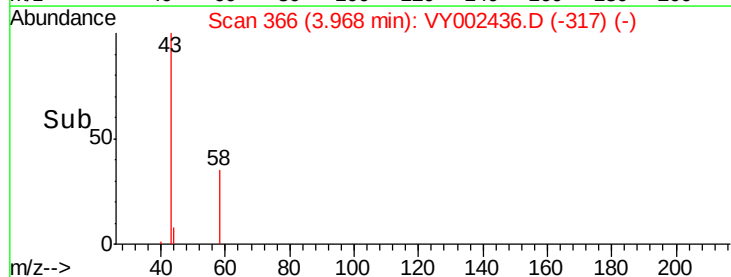
300

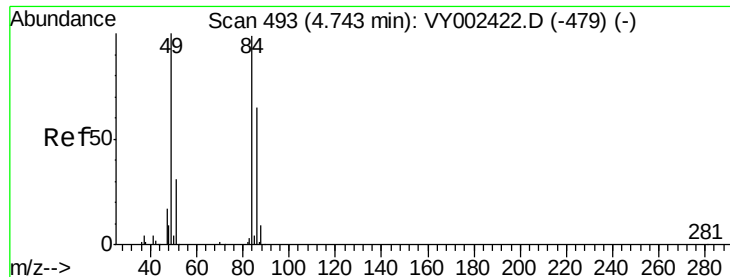
200

100

0

Time-->

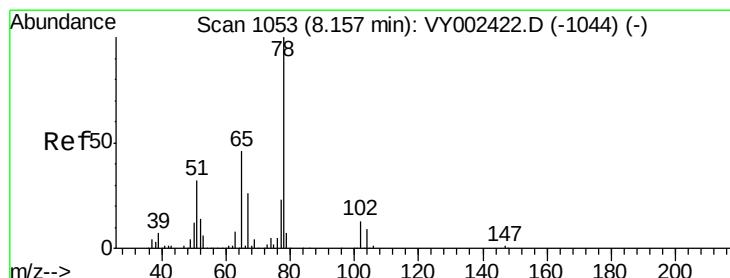
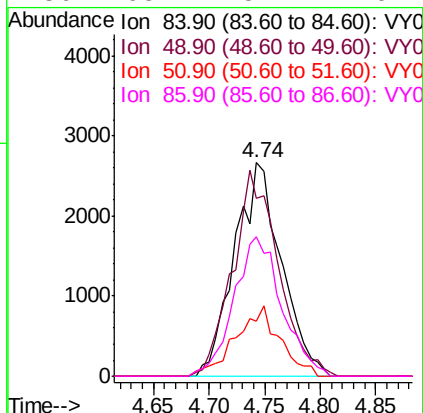
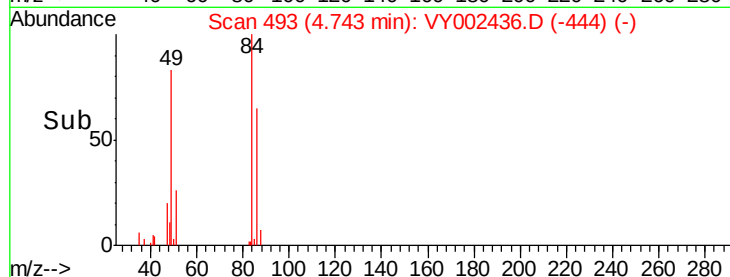
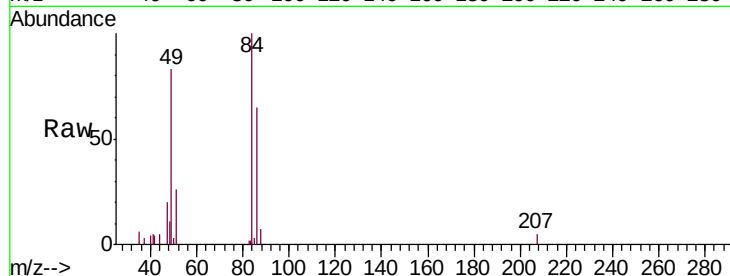




#20
Methylene Chloride
Concen: 3.185 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.00 min
Lab File: VY002436.D
Acq: 21 Apr 2020 16:26

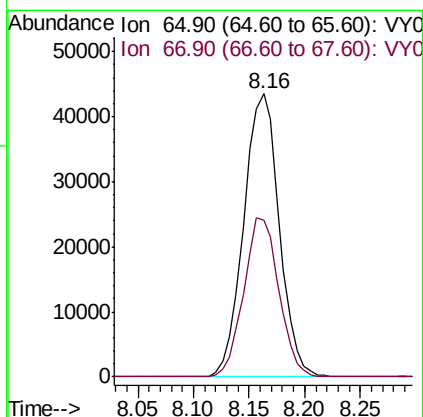
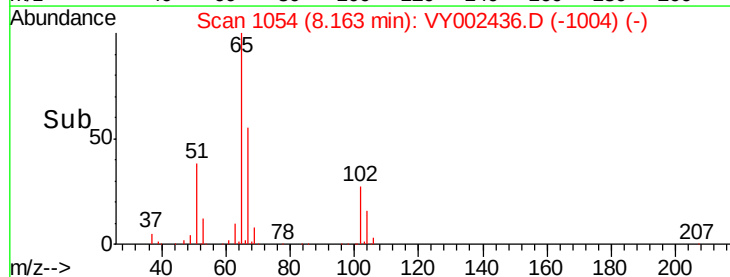
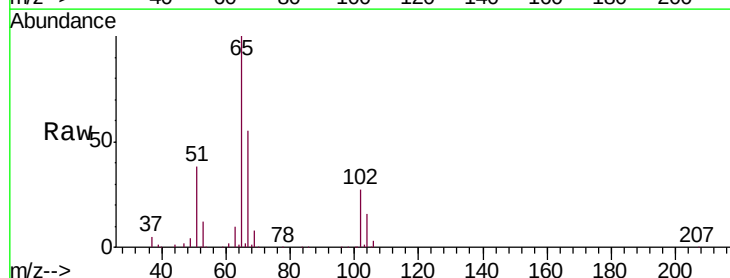
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-S2

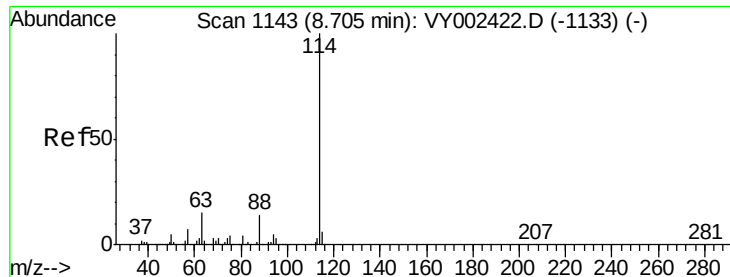
Tgt Ion: 84 Resp: 7769
Ion Ratio Lower Upper
84 100
49 83.1 81.0 121.6
51 26.1 24.9 37.3
86 65.1 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 59.322 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY002436.D
Acq: 21 Apr 2020 16:26

Tgt Ion: 65 Resp: 96764
Ion Ratio Lower Upper
65 100
67 55.6 0.0 111.0

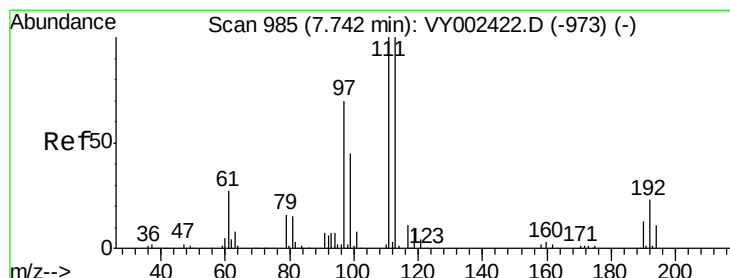
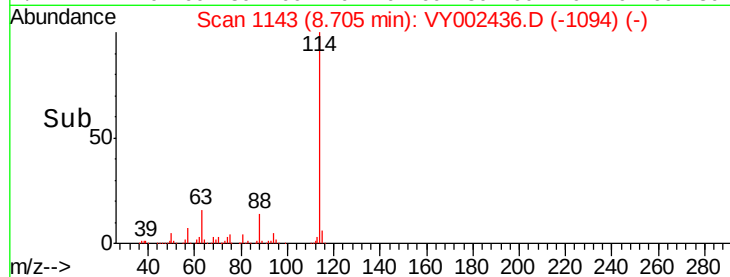
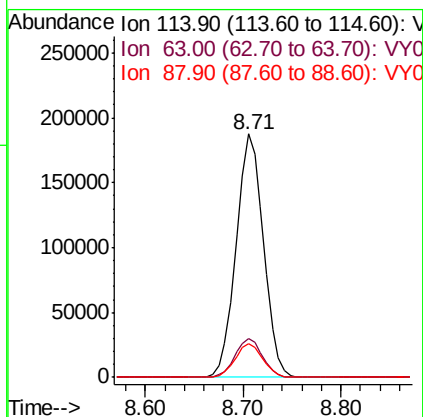
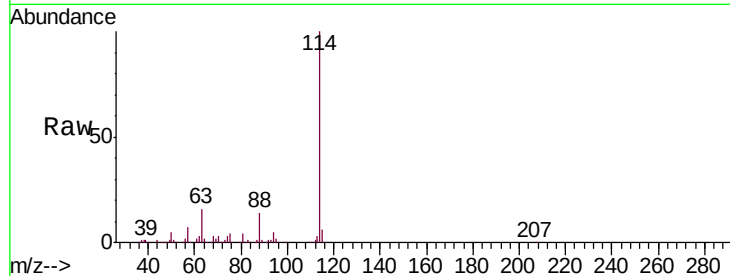




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002436.D
 Acq: 21 Apr 2020 16:26

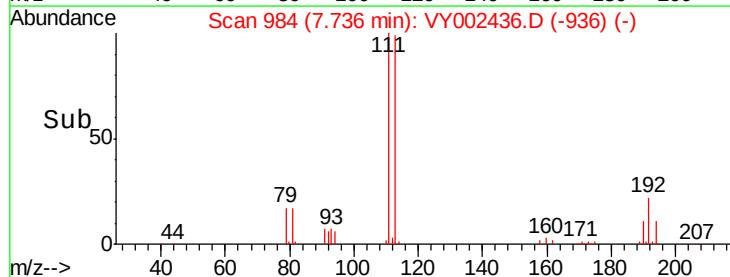
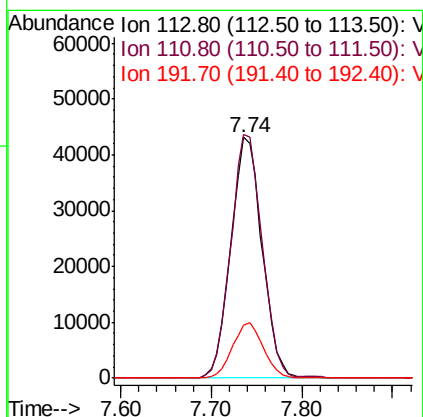
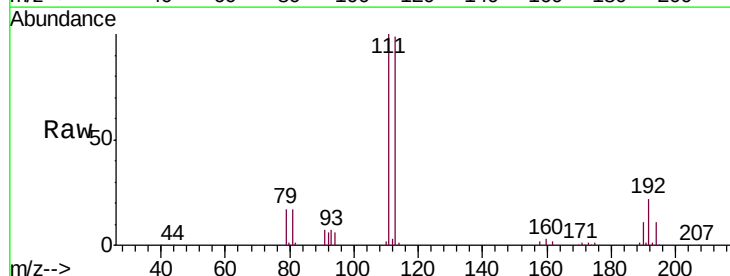
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-S2

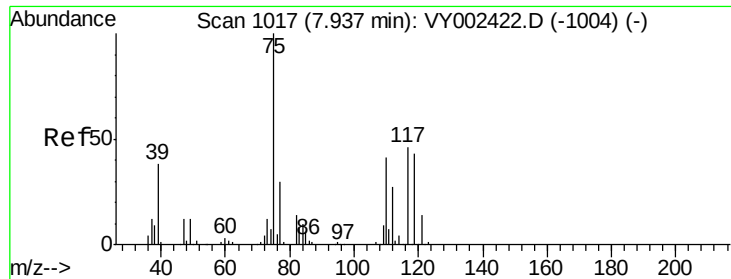
Tgt Ion:114 Resp: 362734
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.0
 88 13.7 0.0 28.2



#35
 Dibromofluoromethane
 Concen: 54.237 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002436.D
 Acq: 21 Apr 2020 16:26

Tgt Ion:113 Resp: 103479
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.7 122.5
 192 22.6 17.8 26.6

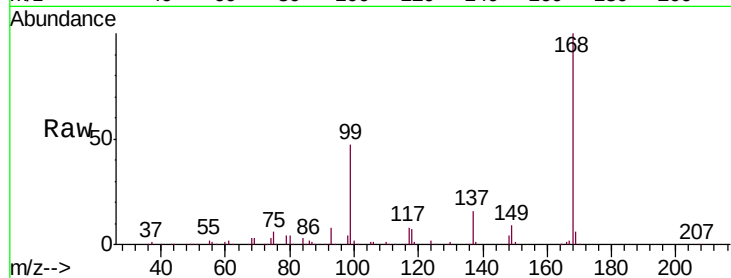




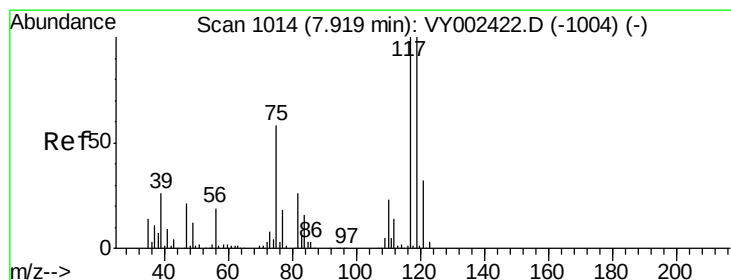
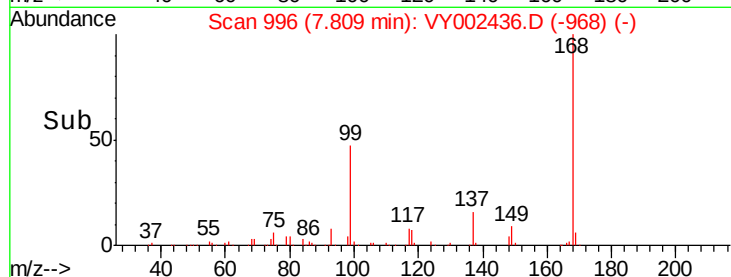
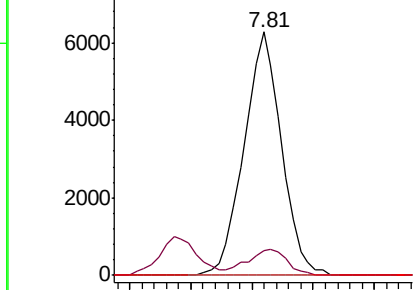
#36
 1,1-Dichloropropene
 Concen: 4.561 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002436.D
 Acq: 21 Apr 2020 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-S2

Tgt Ion: 75 Resp: 13313
 Ion Ratio Lower Upper
 75 100
 110 11.7 20.4 61.2#
 77 0.0 25.5 38.3#

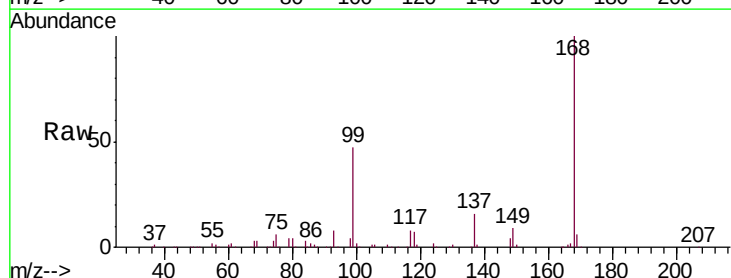


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

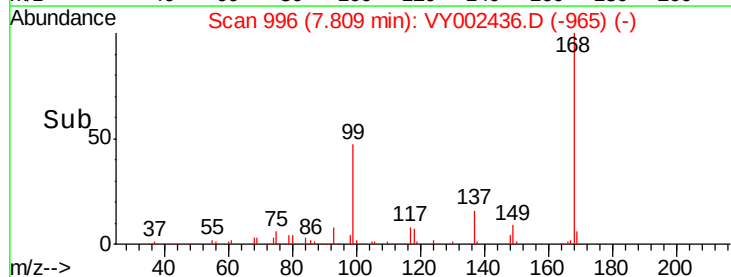
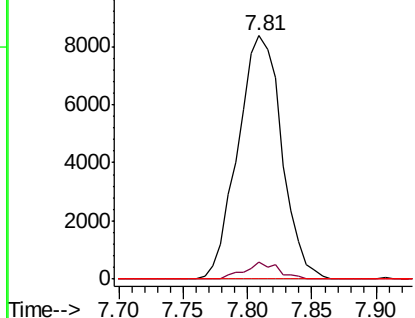


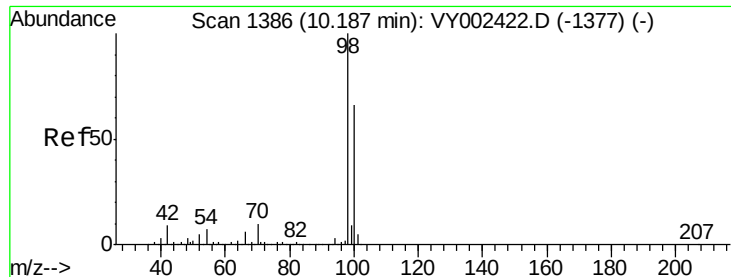
#38
 Carbon Tetrachloride
 Concen: 6.712 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.11 min
 Lab File: VY002436.D
 Acq: 21 Apr 2020 16:26

Tgt Ion: 117 Resp: 19732
 Ion Ratio Lower Upper
 117 100
 119 7.1 79.6 119.4#
 121 0.0 25.4 38.2#



Abundance Ion 116.80 (116.50 to 117.50): VY0
 Ion 118.80 (118.50 to 119.50): VY0
 Ion 120.80 (120.50 to 121.50): VY0





#50

Toluene-d8

Concen: 54.004 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002436.D

Acq: 21 Apr 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

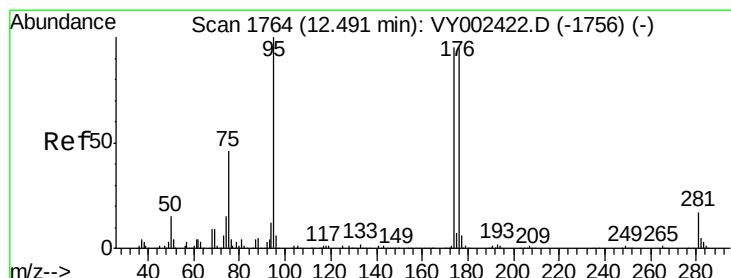
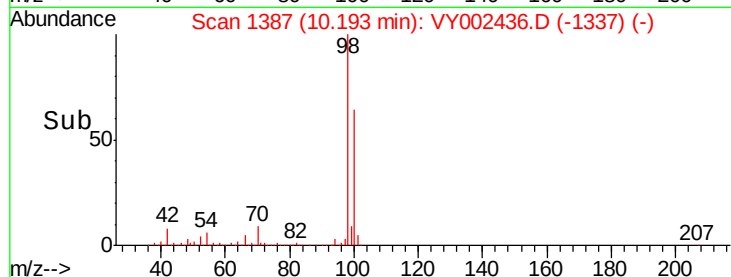
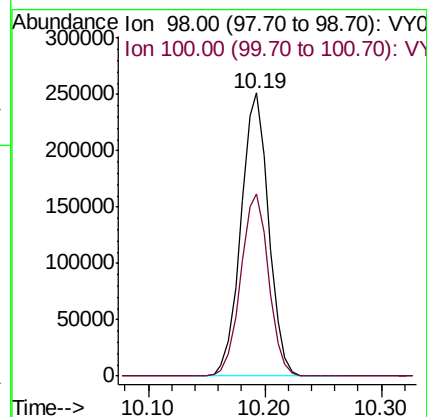
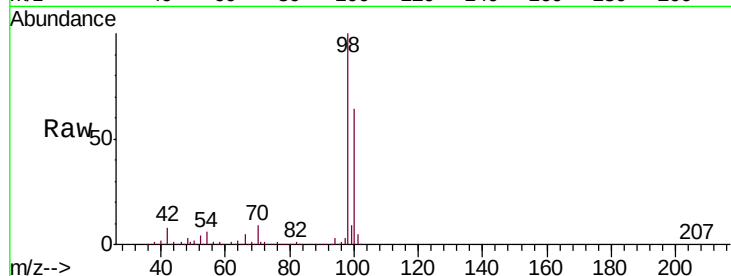
TP-2-S2

Tgt Ion: 98 Resp: 416732

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 44.350 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002436.D

Acq: 21 Apr 2020 16:26

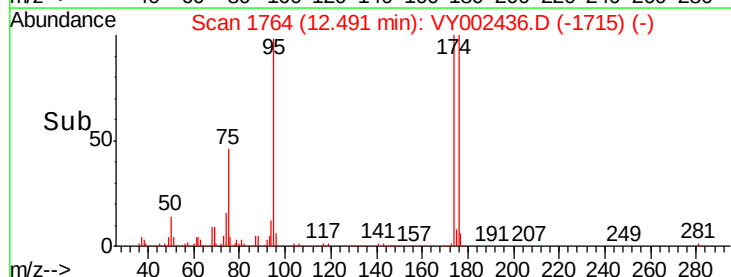
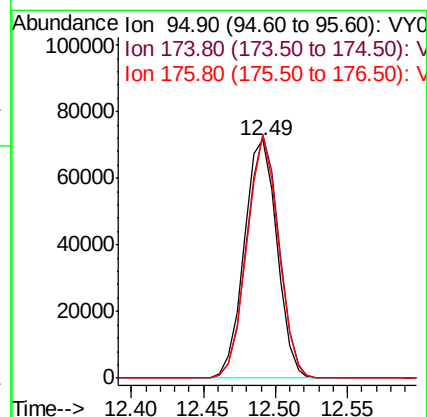
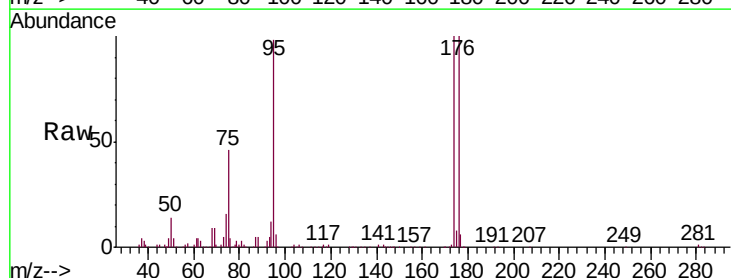
Tgt Ion: 95 Resp: 112993

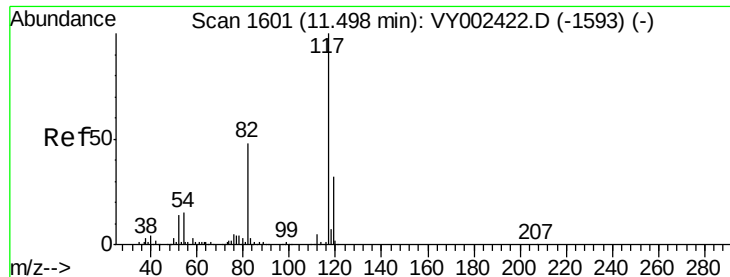
Ion Ratio Lower Upper

95 100

174 99.8 0.0 185.8

176 97.5 0.0 181.2

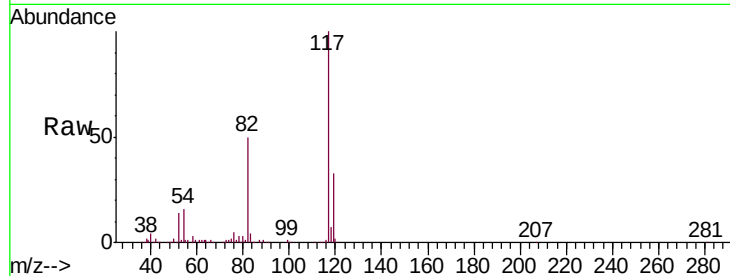




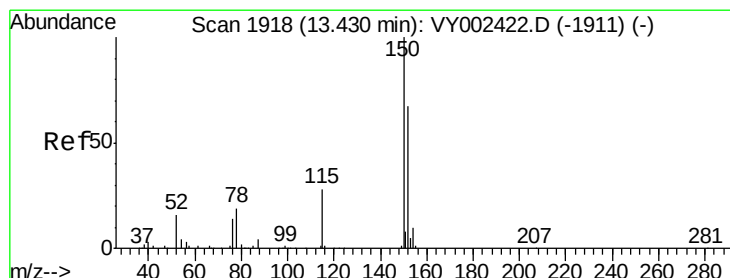
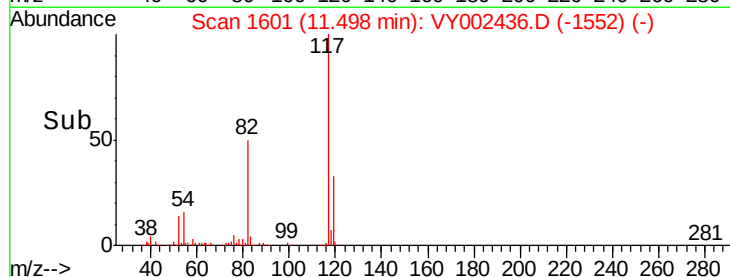
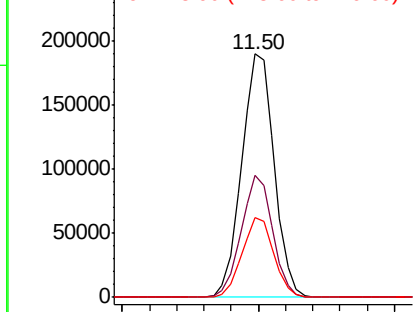
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002436.D
Acq: 21 Apr 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
TP-2-S2

Tgt Ion:117 Resp: 315525
Ion Ratio Lower Upper
117 100
82 50.0 38.4 57.6
119 32.9 25.3 37.9

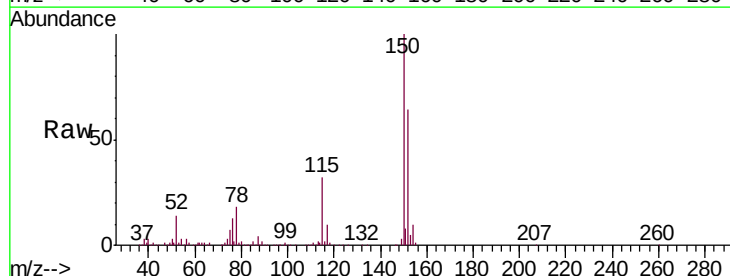


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

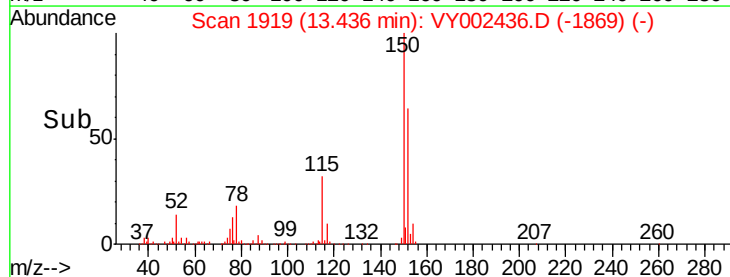
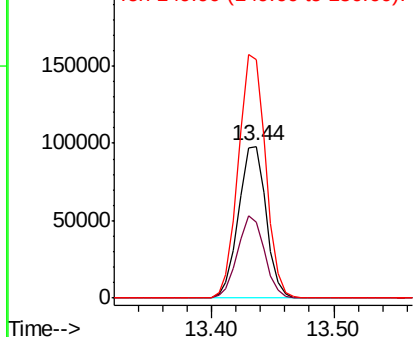


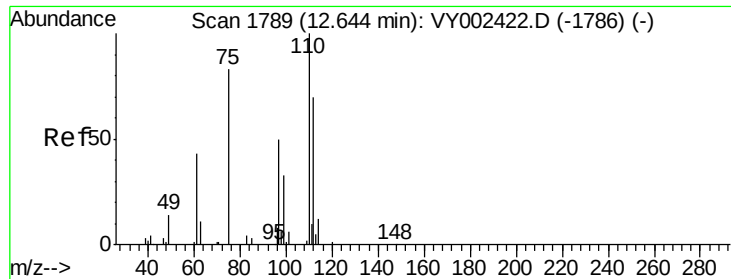
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002436.D
Acq: 21 Apr 2020 16:26

Tgt Ion:152 Resp: 152538
Ion Ratio Lower Upper
152 100
115 52.9 27.3 81.8
150 158.8 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: 38.922 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002436.D

Acq: 21 Apr 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

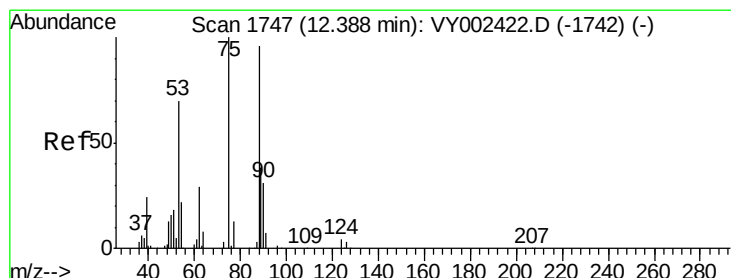
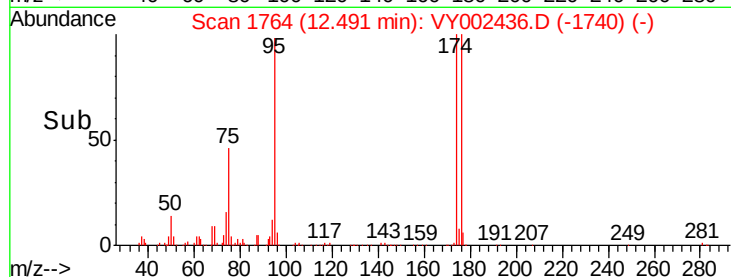
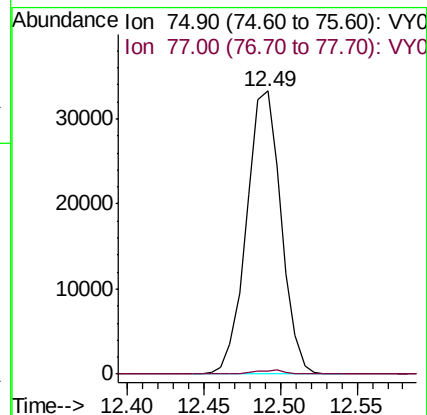
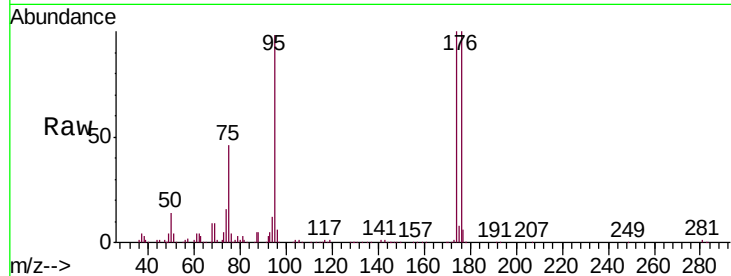
TP-2-S2

Tgt Ion: 75 Resp: 52304

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.855 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002436.D

Acq: 21 Apr 2020 16:26

Tgt Ion: 75 Resp: 52304

Ion Ratio Lower Upper

75 100

53 0.0 58.7 88.1#

89 0.0 37.9 56.9#

