

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003421.D
 Acq On : 03 Aug 2020 16:51
 Operator : SY/MD
 Sample : L3535-06
 Misc : 8.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JTY1-SB-01-48-49

Quant Time: Aug 04 01:35:23 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

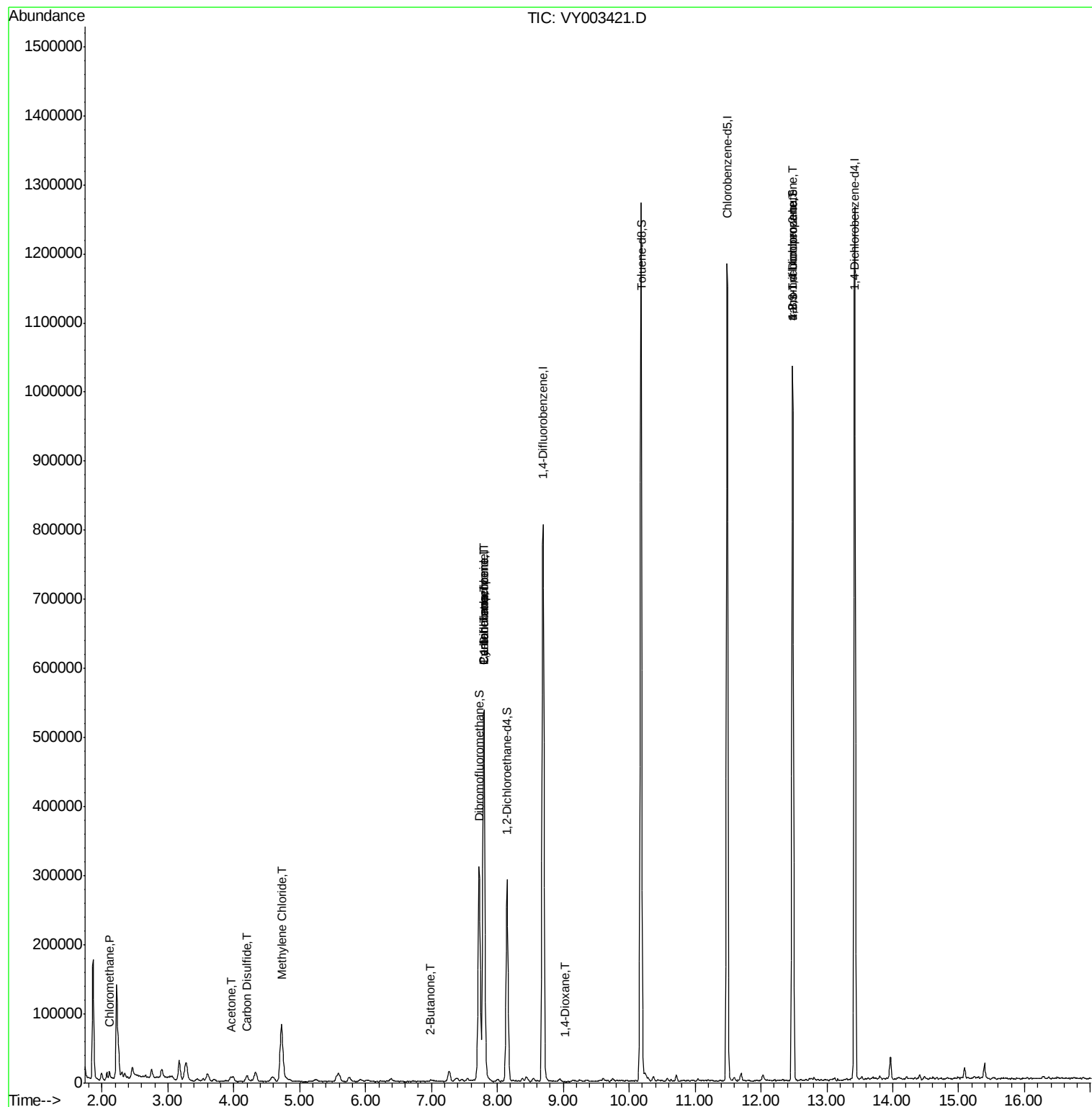
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	450082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	707953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	656554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	325198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	227167	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
35) Dibromofluoromethane	7.72	113	221283	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
50) Toluene-d8	10.18	98	857837	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.48	95	286436	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.12	50	8173	1.619	ug/l	98
11) Tert butyl alcohol	4.95	59	1248	Below Cal	#	73
16) Acetone	3.96	43	10075	9.529	ug/l	99
17) Carbon Disulfide	4.19	76	17228	1.333	ug/l	99
20) Methylene Chloride	4.72	84	61640	3.278	ug/l	94
25) 2-Butanone	6.99	43	1931	1.198	ug/l #	89
31) Cyclohexane	7.79	56	8787	1.158	ug/l #	24
36) 1,1-Dichloropropene	7.80	75	30911	4.614	ug/l #	50
38) Carbon Tetrachloride	7.79	117	40281	5.843	ug/l #	17
49) 1,4-Dioxane	9.02	88	39	1.103	ug/l #	25
76) 1,2,3-Trichloropropane	12.48	75	146307	50.081	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	146307	94.715	ug/l #	15

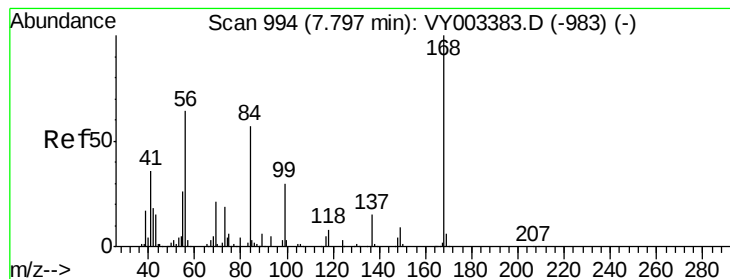
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003421.D

Acq: 03 Aug 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

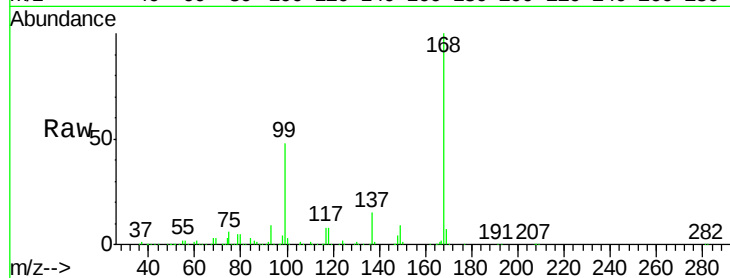
JTY1-SB-01-48-49

Tot Ion:168 Resp: 450082

Ion Ratio Lower Upper

168 100

99 47.9 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

7.80

200000

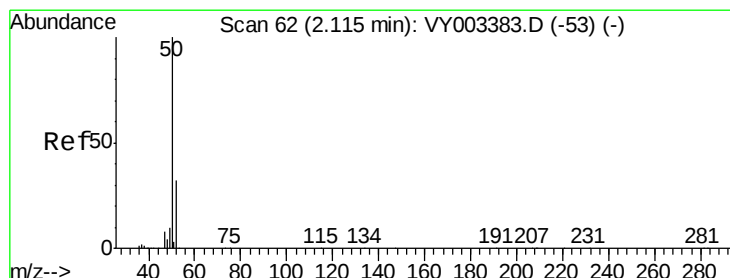
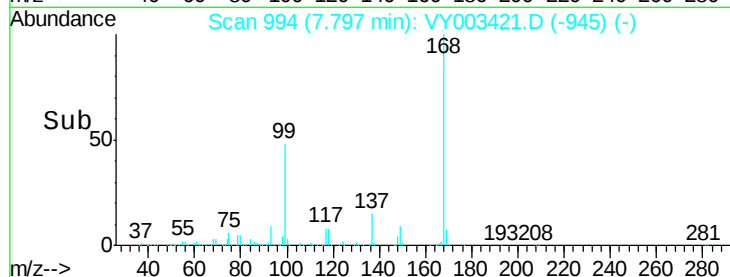
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.619 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003421.D

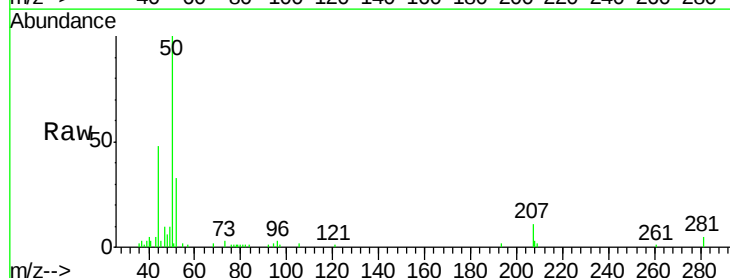
Acq: 03 Aug 2020 16:51

Tgt Ion: 50 Resp: 8173

Ion Ratio Lower Upper

50 100

52 33.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY003383.D (-53) (-)

Ion 51.90 (51.60 to 52.60): VY003383.D (-53) (-)

2.12

6000

5000

4000

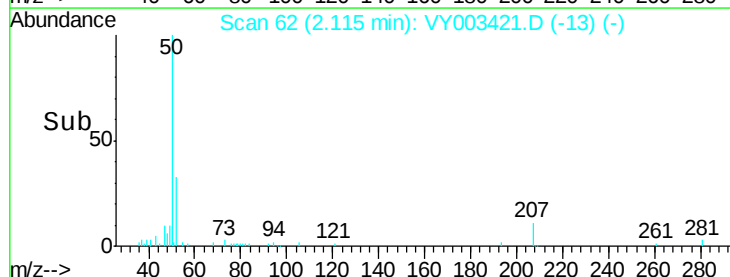
3000

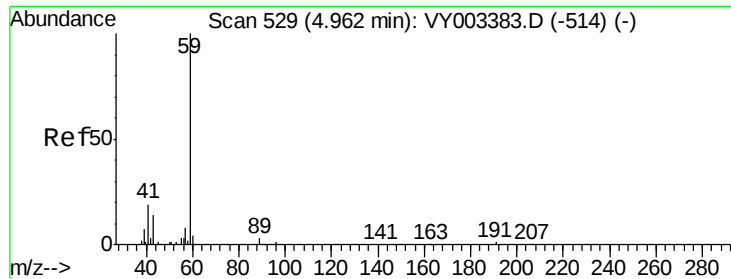
2000

1000

0

Time-->

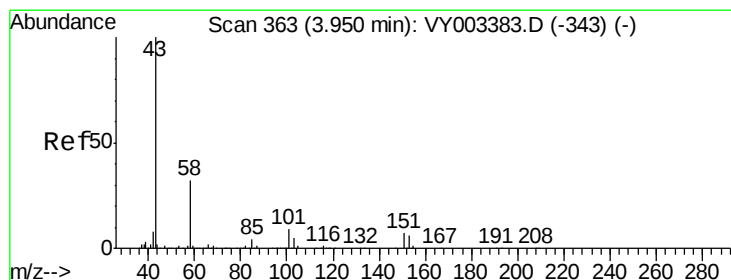
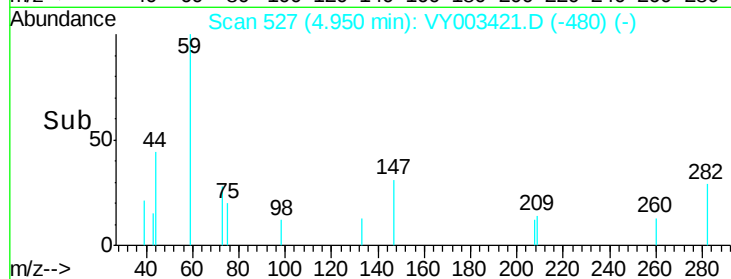
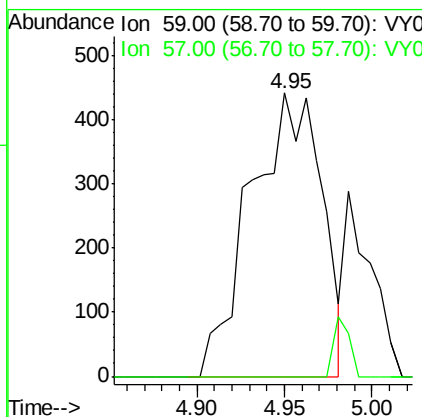
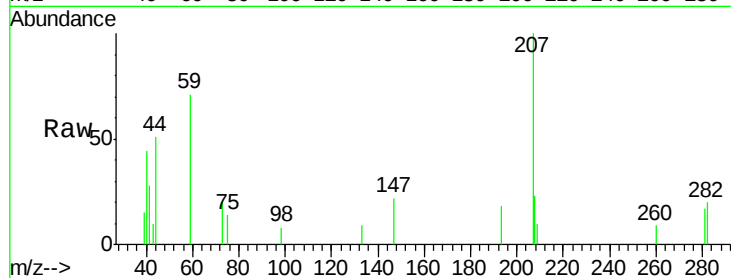




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.95 min Scan# 527
Delta R.T. -0.01 min
Lab File: VY003421.D
Acq: 03 Aug 2020 16:51

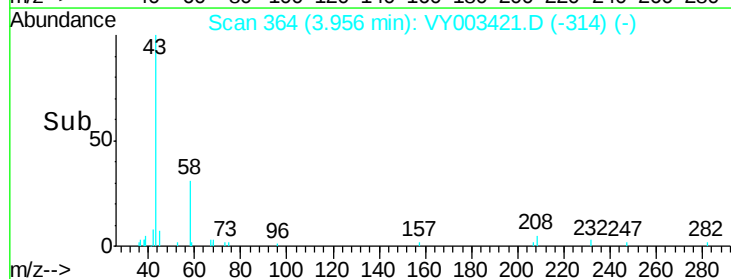
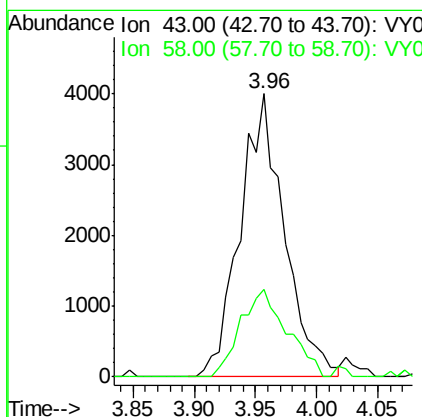
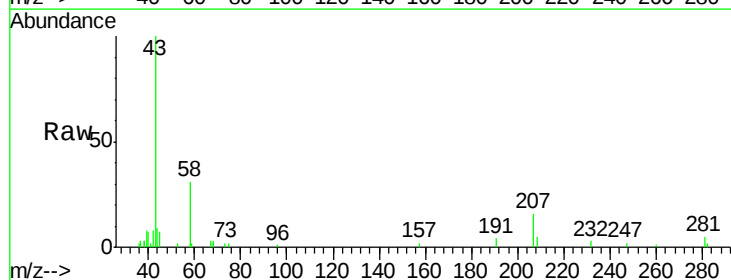
Instrument :
MSVOA_Y
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JTY1-SB-01-48-49

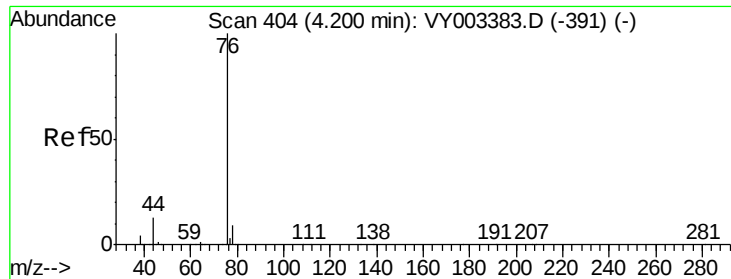
Tot Ion: 59 Resp: 1248
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#16
Acetone
Concen: 9.529 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003421.D
Acq: 03 Aug 2020 16:51

Tgt Ion: 43 Resp: 10075
Ion Ratio Lower Upper
43 100
58 31.0 25.4 38.2

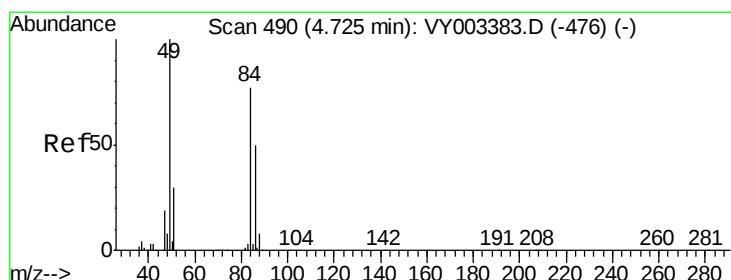
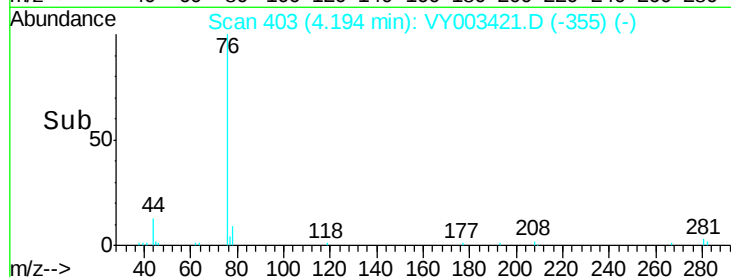
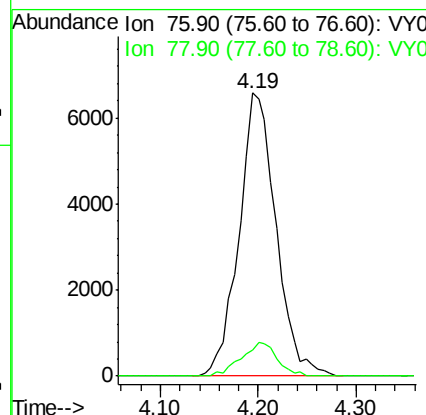
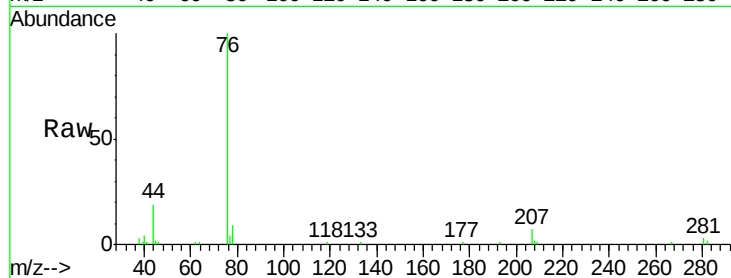




#17
Carbon Disulfide
Concen: 1.333 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY003421.D
Acq: 03 Aug 2020 16:51

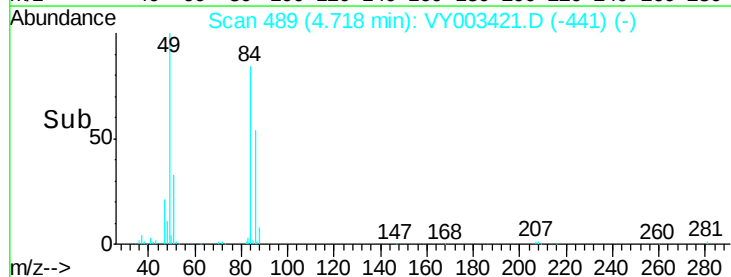
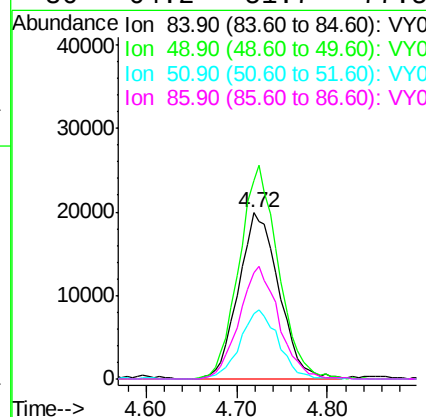
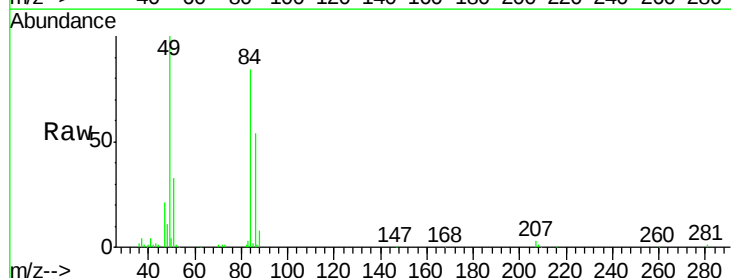
Instrument :
MSVOA_Y
ClientSampleId :
JTY1-SB-01-48-49

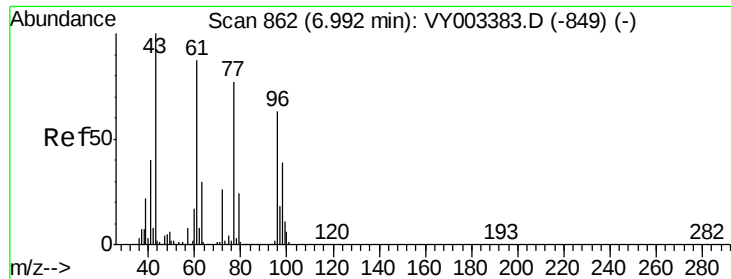
Tot Ion: 76 Resp: 17228
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#20
Methylene Chloride
Concen: 3.278 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003421.D
Acq: 03 Aug 2020 16:51

Tgt Ion: 84 Resp: 61640
Ion Ratio Lower Upper
84 100
49 119.2 104.2 156.4
51 38.9 31.5 47.3
86 64.2 51.7 77.5

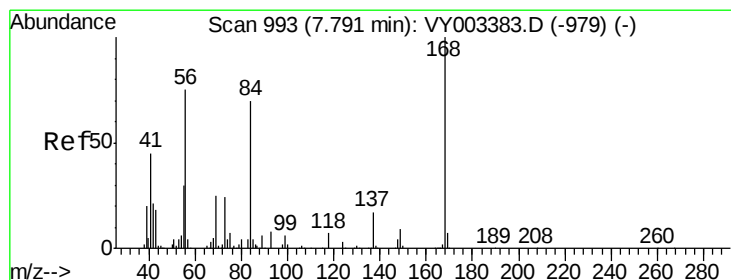
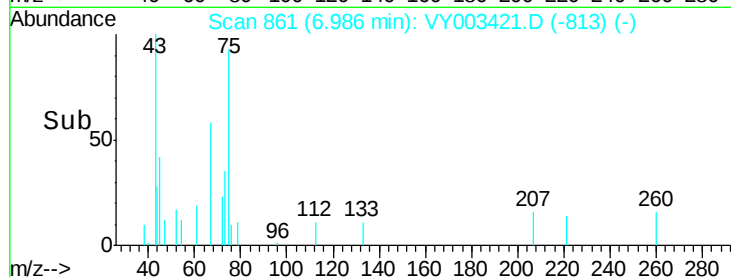
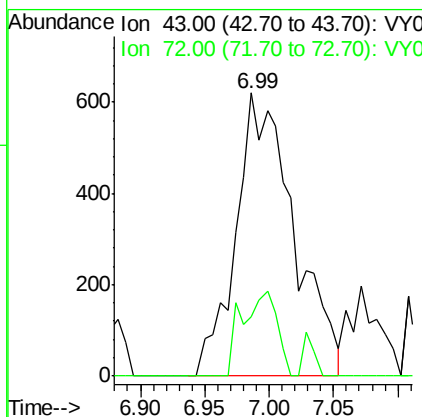
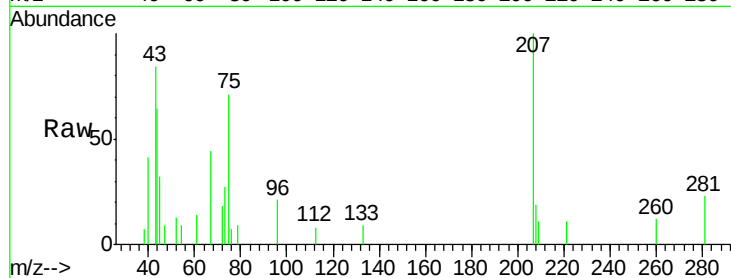




#25
2-Butanone
Concen: 1.198 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003421.D
Acq: 03 Aug 2020 16:51

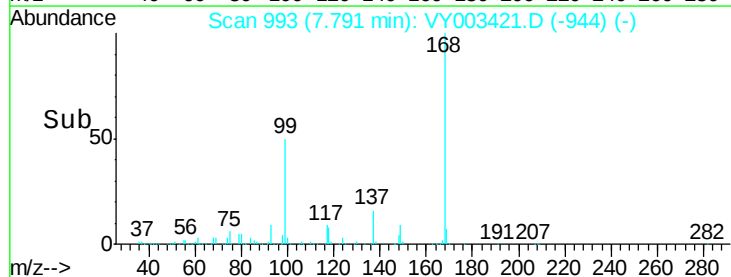
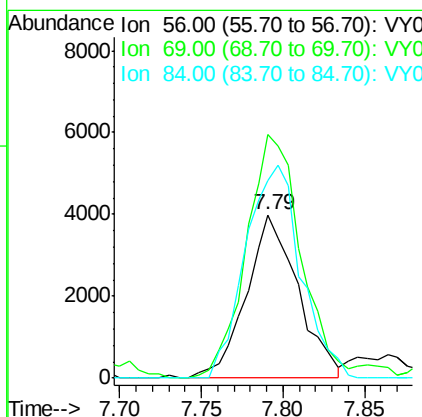
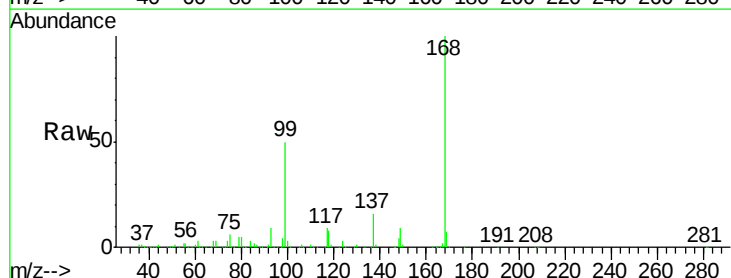
Instrument :
MSVOA_Y
ClientSampleId :
JTY1-SB-01-48-49

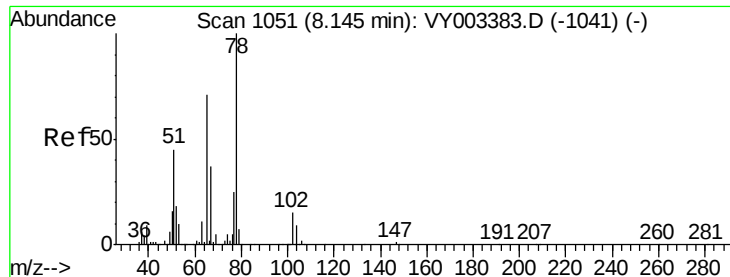
Tot Ion: 43 Resp: 1931
Ion Ratio Lower Upper
43 100
72 21.0 21.1 31.7#



#31
Cyclohexane
Concen: 1.158 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003421.D
Acq: 03 Aug 2020 16:51

Tgt Ion: 56 Resp: 8787
Ion Ratio Lower Upper
56 100
69 148.9 26.1 39.1#
84 120.7 73.9 110.9#

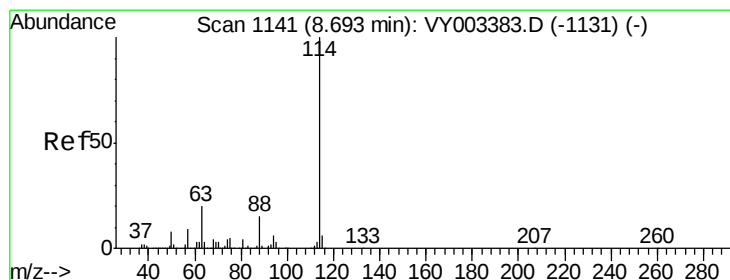
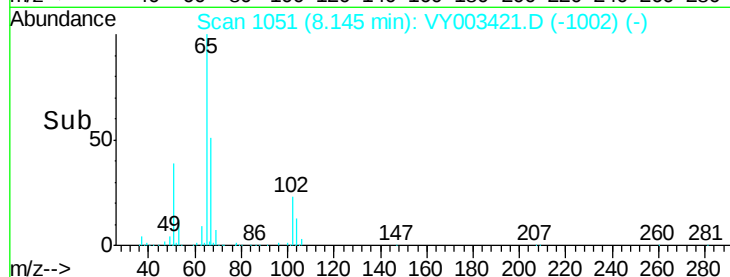
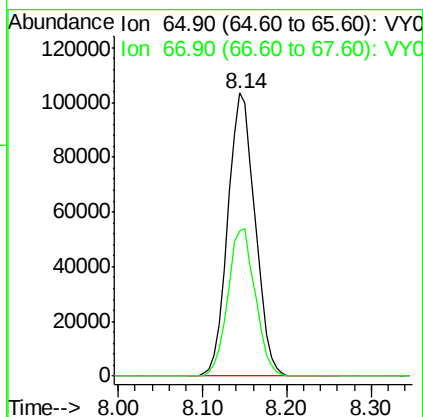
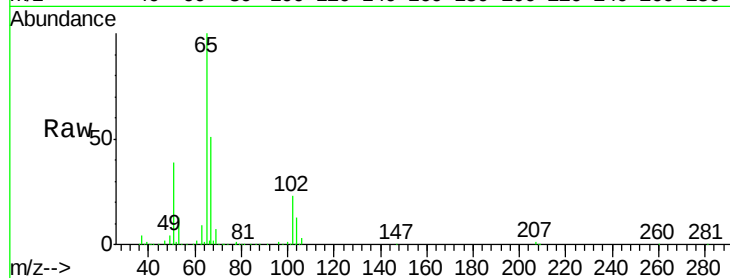




#33
 1,2-Dichloroethane-d4
 Concen: 53.083 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003421.D
 Acq: 03 Aug 2020 16:51

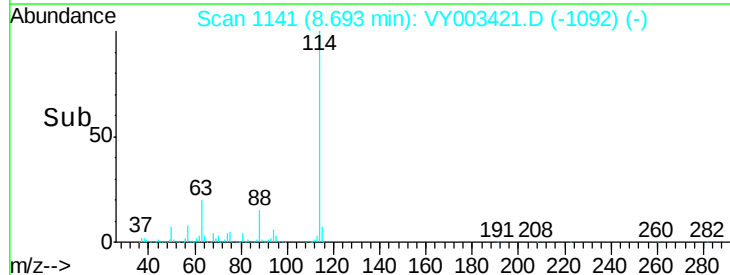
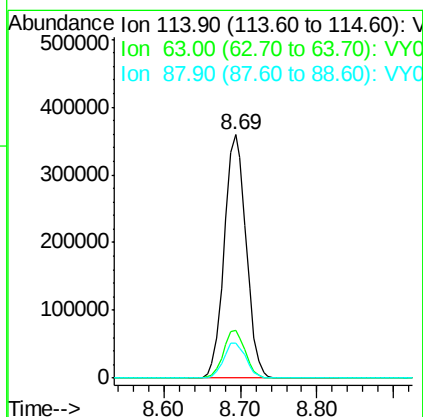
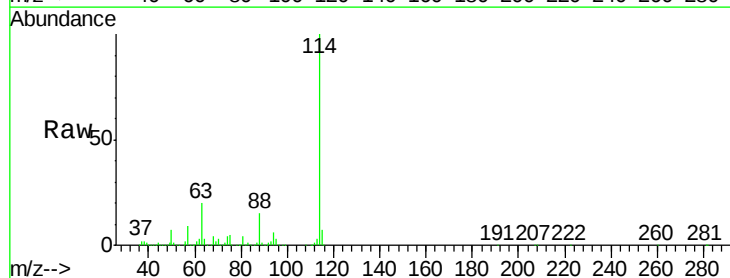
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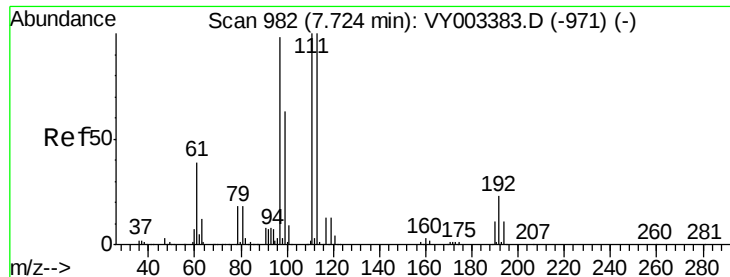
Tot Ion: 65 Resp: 227167
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003421.D
 Acq: 03 Aug 2020 16:51

Tgt Ion: 114 Resp: 707953
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.6
 88 14.6 0.0 29.2

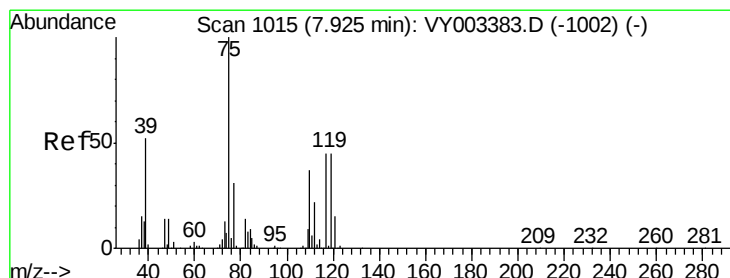
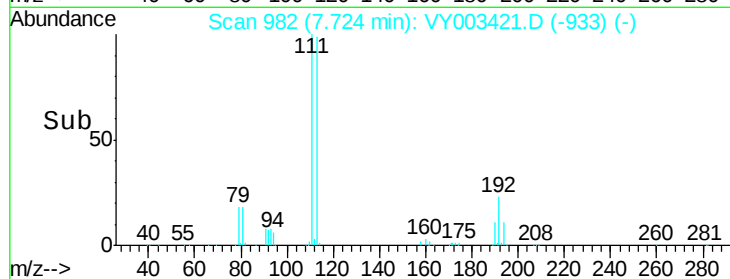
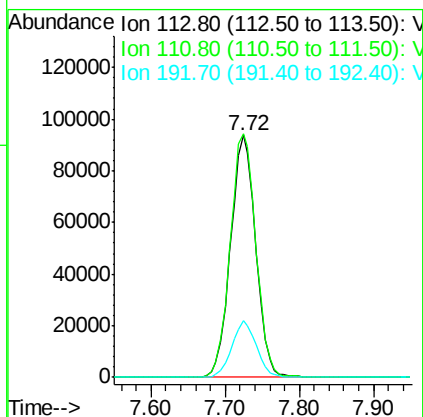
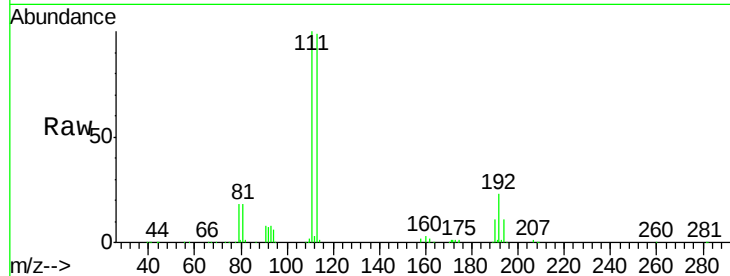




#35
Dibromofluoromethane
Concen: 53.062 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003421.D
Acq: 03 Aug 2020 16:51

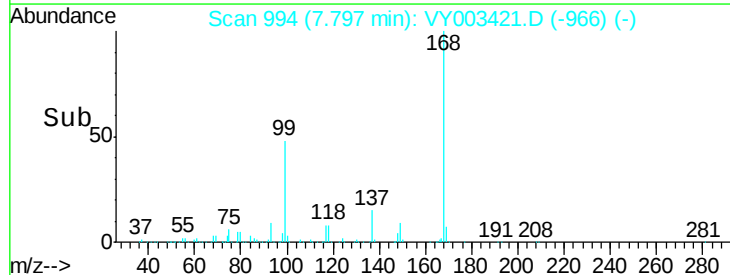
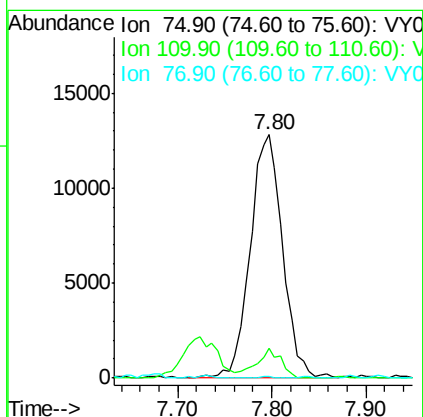
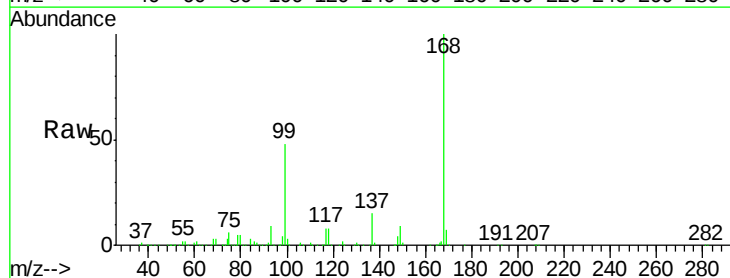
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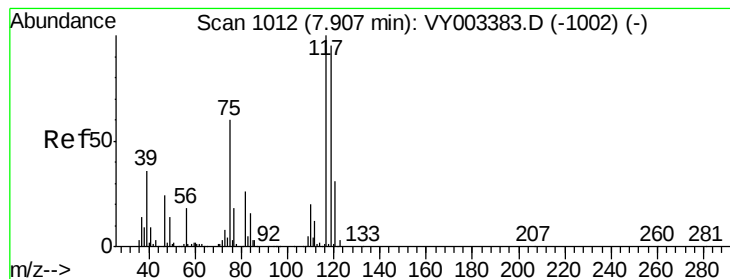
Tot Ion:113 Resp: 221283
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.4
192 22.8 18.8 28.2



#36
1,1-Dichloropropene
Concen: 4.614 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY003421.D
Acq: 03 Aug 2020 16:51

Tgt Ion: 75 Resp: 30911
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.843 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.12 min

Lab File: VY003421.D

Acq: 03 Aug 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

JTY1-SB-01-48-49

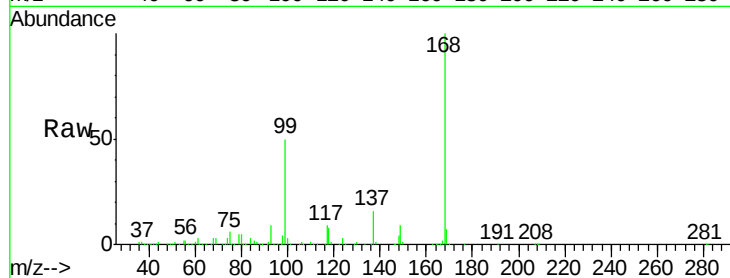
Tot Ion:117 Resp: 40281

Ion Ratio Lower Upper

117 100

119 5.5 76.1 114.1#

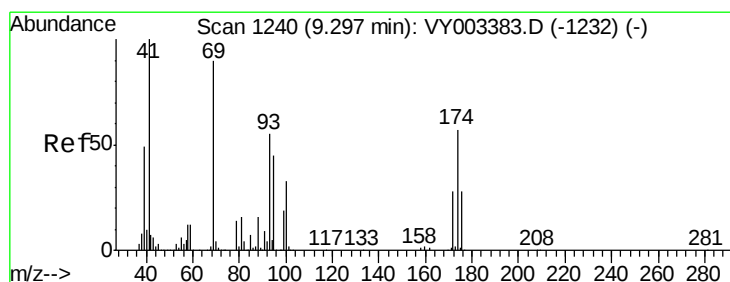
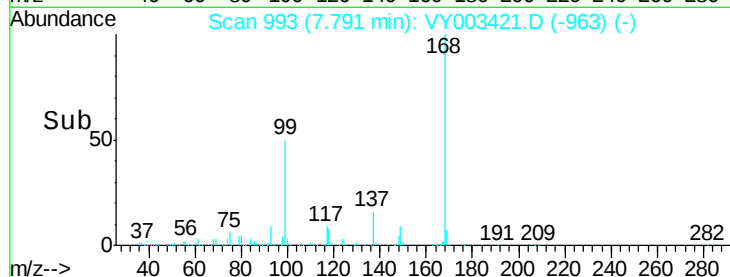
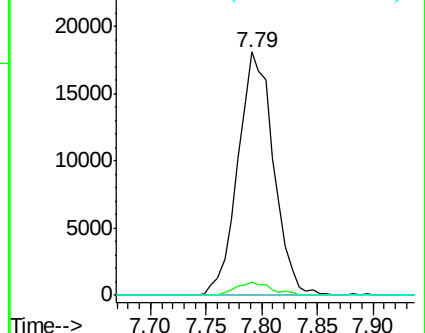
121 0.0 24.5 36.7#



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



#49

1,4-Dioxane

Concen: 1.103 ug/l

RT: 9.02 min Scan# 1194

Delta R.T. -0.28 min

Lab File: VY003421.D

Acq: 03 Aug 2020 16:51

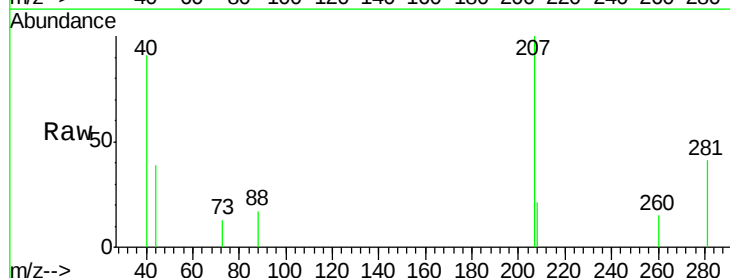
Tgt Ion: 88 Resp: 39

Ion Ratio Lower Upper

88 100

43 0.0 24.9 37.3#

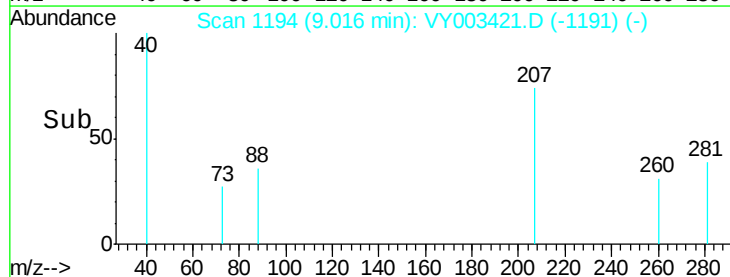
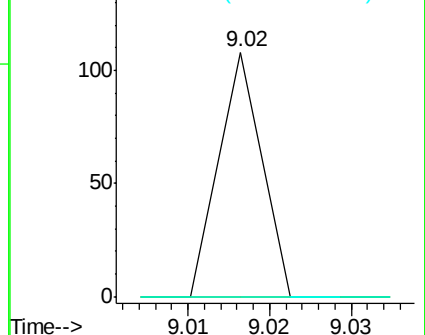
58 0.0 54.3 81.5#

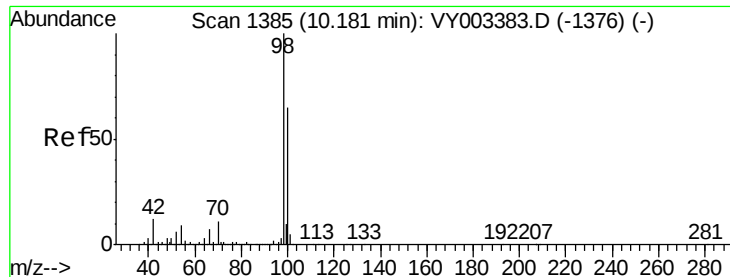


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 52.531 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003421.D

Acq: 03 Aug 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

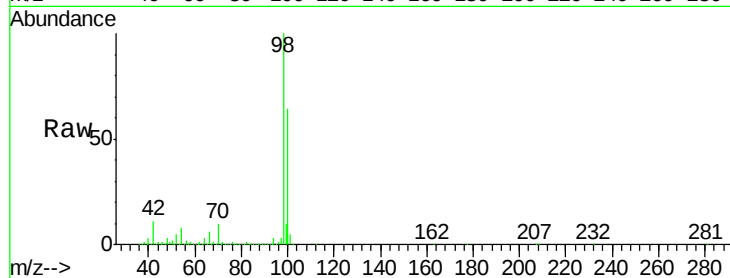
JTY1-SB-01-48-49

Tot Ion: 98 Resp: 857837

Ion Ratio Lower Upper

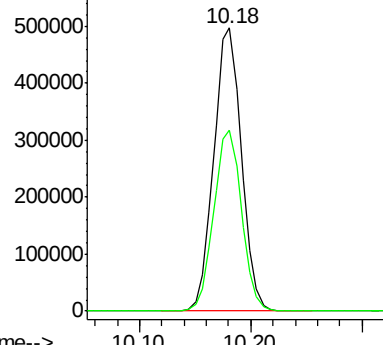
98 100

100 64.1 51.3 76.9

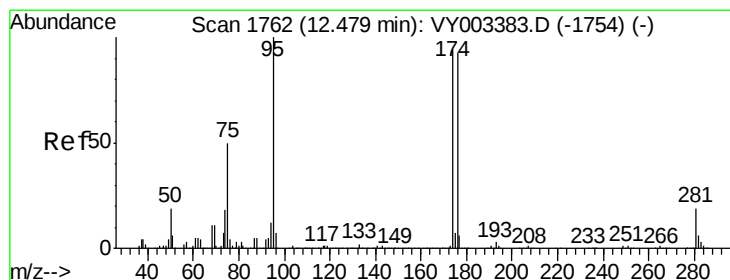
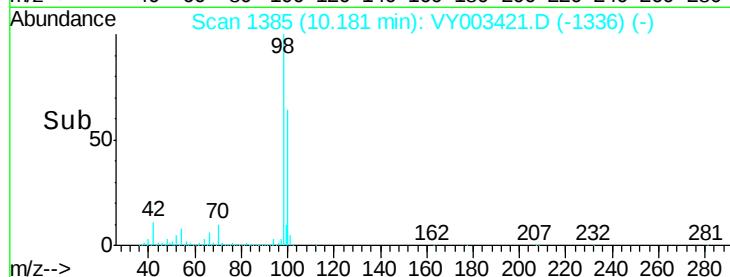


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



Time-->



#62

4-Bromofluorobenzene

Concen: 51.336 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003421.D

Acq: 03 Aug 2020 16:51

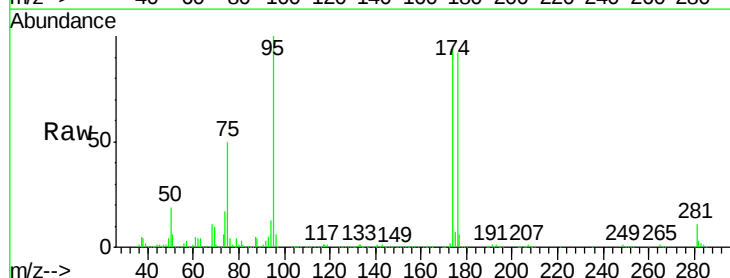
Tgt Ion: 95 Resp: 286436

Ion Ratio Lower Upper

95 100

174 94.1 0.0 190.0

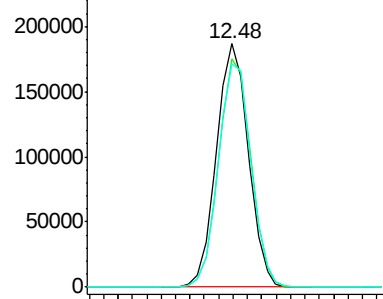
176 93.6 0.0 184.4



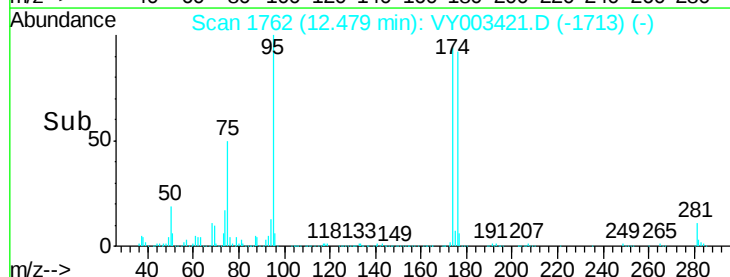
Abundance Ion 94.90 (94.60 to 95.60): VY0

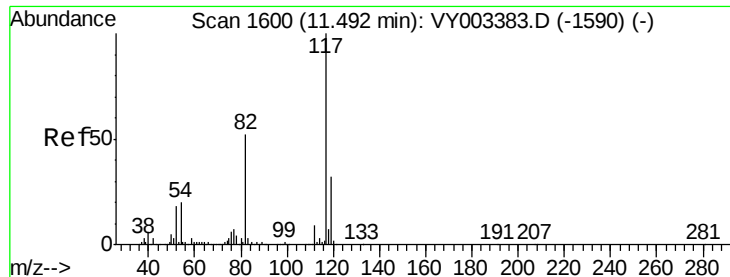
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

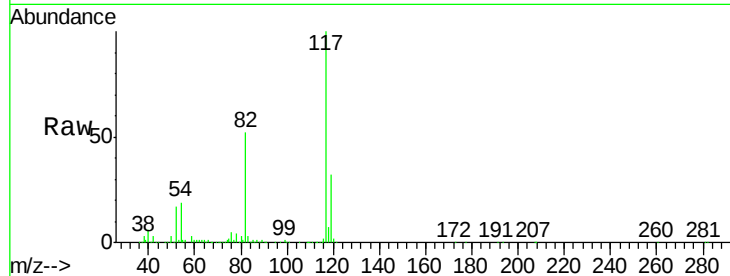




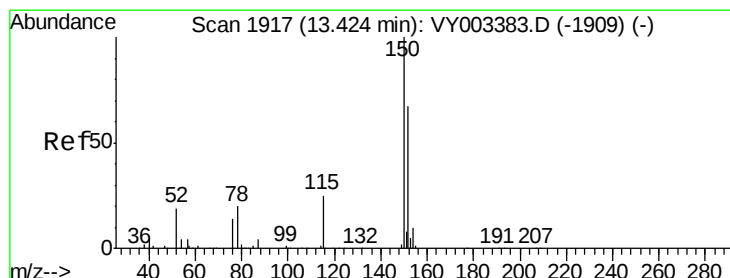
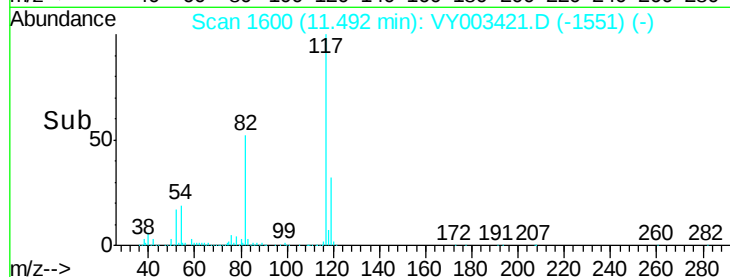
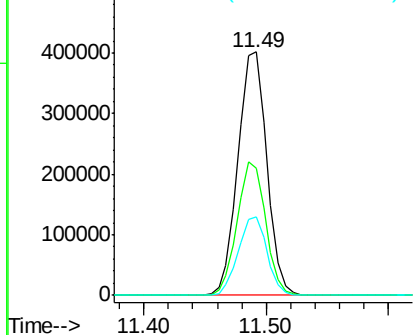
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003421.D
Acq: 03 Aug 2020 16:51

Instrument :
MSVOA_Y
ClientSampleId :
JTY1-SB-01-48-49

Tot Ion:117 Resp: 656554
Ion Ratio Lower Upper
117 100
82 52.3 41.9 62.9
119 32.4 25.4 38.0

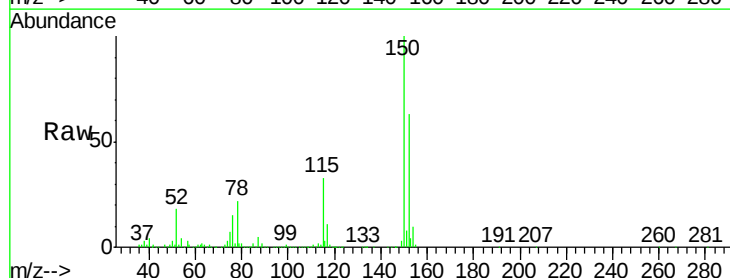


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

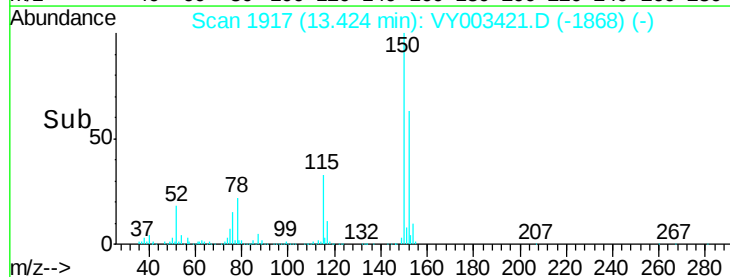
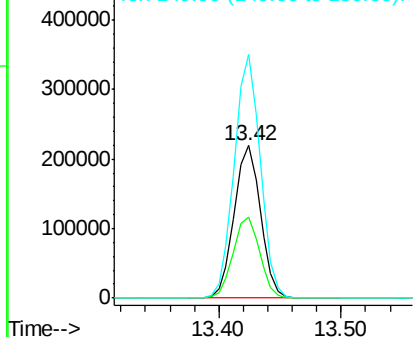


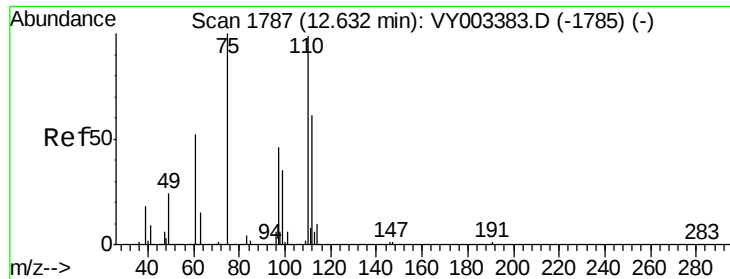
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003421.D
Acq: 03 Aug 2020 16:51

Tgt Ion:152 Resp: 325198
Ion Ratio Lower Upper
152 100
115 54.0 27.2 81.5
150 157.9 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: 50.081 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003421.D

Acq: 03 Aug 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

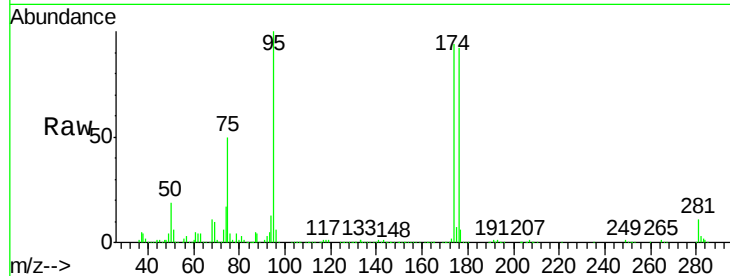
JTY1-SB-01-48-49

Tot Ion: 75 Resp: 146307

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

12.48

100000

80000

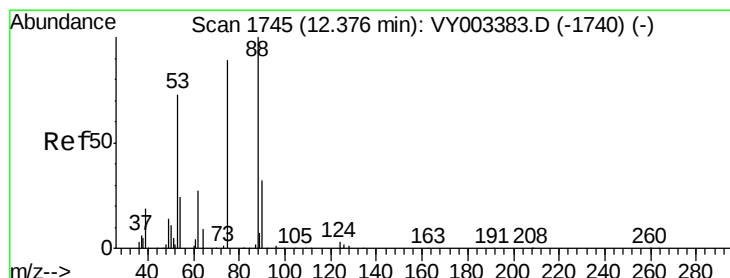
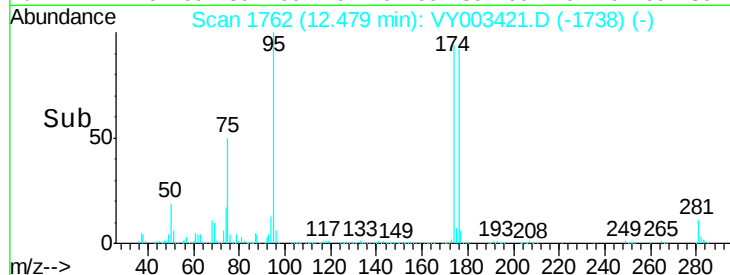
60000

40000

20000

0

Time--> 12.40 12.45 12.50 12.55



#81

trans-1,4-Dichloro-2-butene

Concen: 94.715 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003421.D

Acq: 03 Aug 2020 16:51

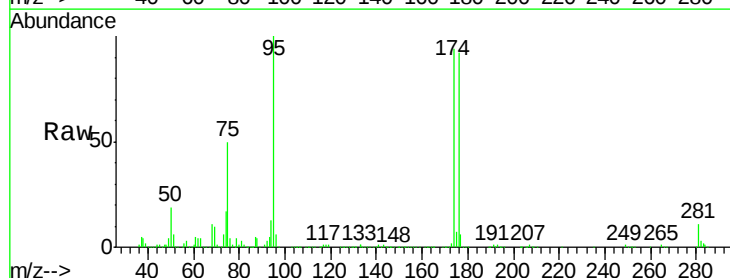
Tgt Ion: 75 Resp: 146307

Ion Ratio Lower Upper

75 100

53 0.1 69.5 104.3#

89 0.2 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

120000

100000

80000

60000

40000

20000

0

Time--> 12.40 12.45 12.50 12.55

