

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003422.D
 Acq On : 03 Aug 2020 17:15
 Operator : SY/MD
 Sample : L3535-07
 Misc : 8.20G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JTY1-SB-06-2-3

Quant Time: Aug 04 01:35:44 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	442670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	698045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	642887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	319214	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	224038	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	
35) Dibromofluoromethane	7.72	113	221459	53.86	ug/l	0.00
Spiked Amount			Recovery	=	107.72%	
50) Toluene-d8	10.18	98	853399	53.00	ug/l	0.00
Spiked Amount			Recovery	=	106.00%	
62) 4-Bromofluorobenzene	12.48	95	276398	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	

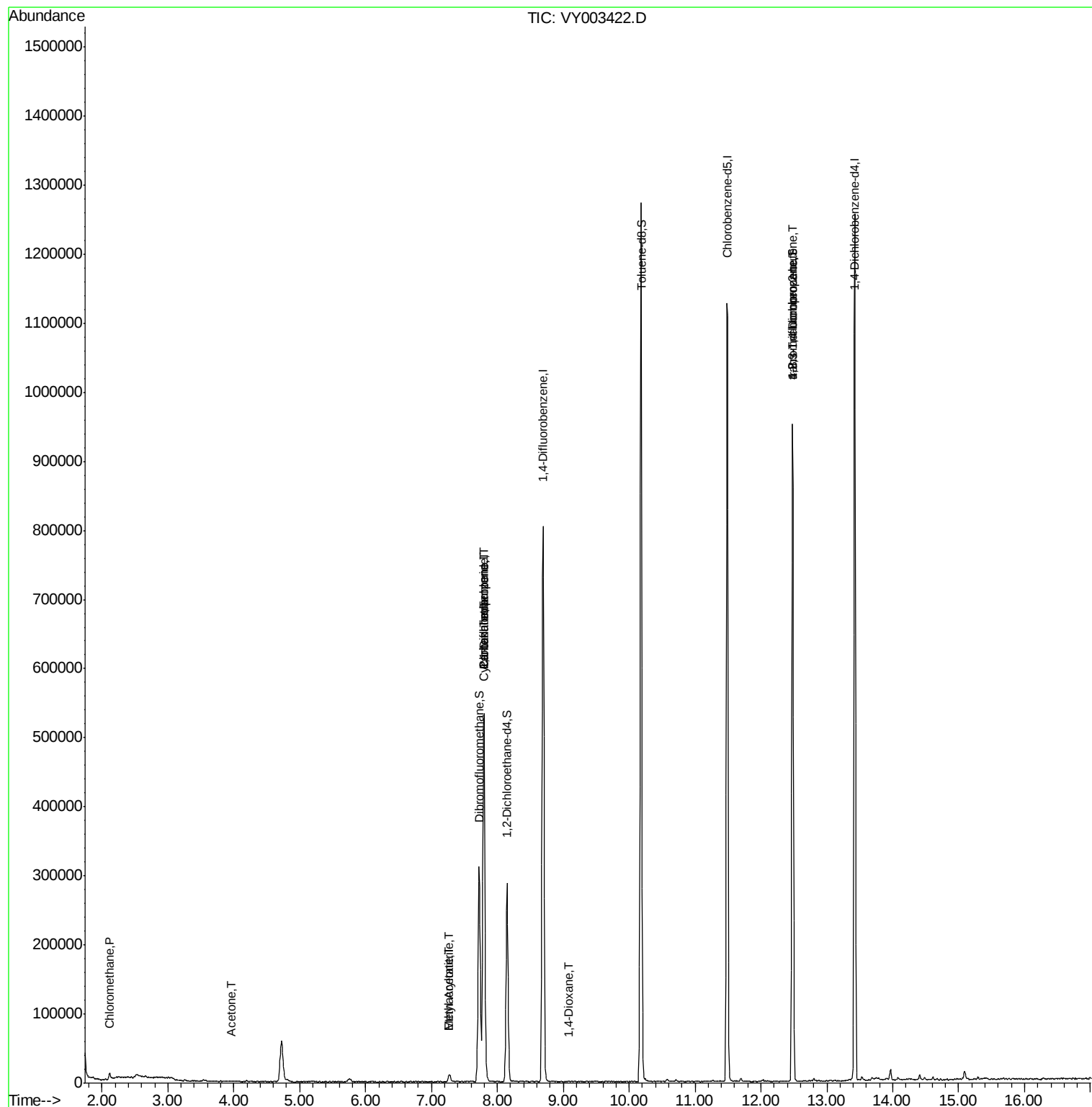
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	8034	1.618	ug/l #	80
11) Tert butyl alcohol	4.96	59	69	Below Cal	#	73
16) Acetone	3.97	43	1498	1.440	ug/l #	89
20) Methylene Chloride	4.73	84	45680	Below Cal		96
31) Cyclohexane	7.78	56	7875	1.056	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	30643	4.639	ug/l #	50
37) Ethyl Acetate	7.27	43	10068	2.680	ug/l #	69
38) Carbon Tetrachloride	7.80	117	39724	5.844	ug/l #	16
41) Methacrylonitrile	7.27	41	5716	2.655	ug/l #	46
49) 1,4-Dioxane	9.07	88	63	1.808	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	141281	49.267	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	141281	93.176	ug/l #	15

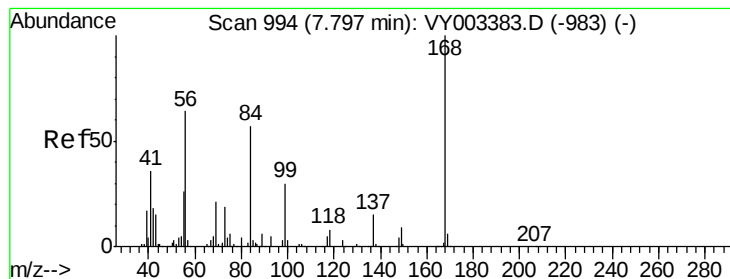
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003422.D

Acq: 03 Aug 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

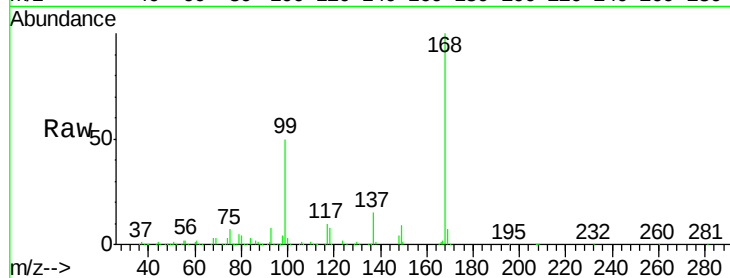
JTY1-SB-06-2-3

Tot Ion:168 Resp: 442670

Ion Ratio Lower Upper

168 100

99 50.5 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

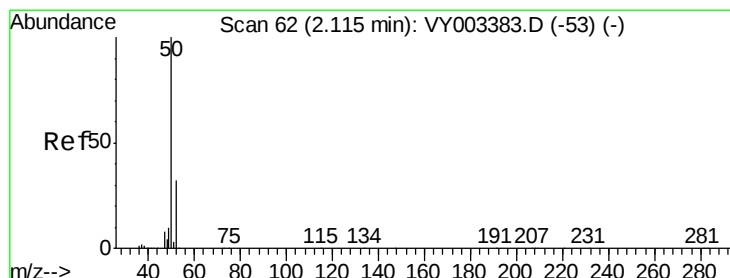
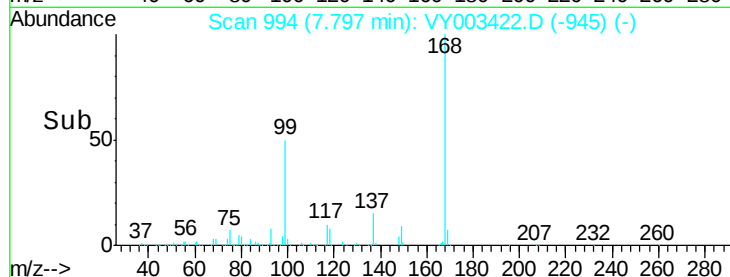
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.618 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003422.D

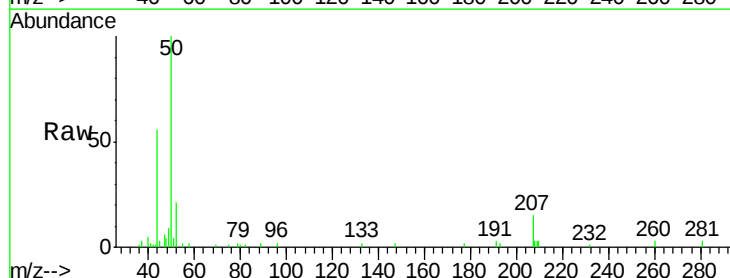
Acq: 03 Aug 2020 17:15

Tgt Ion: 50 Resp: 8034

Ion Ratio Lower Upper

50 100

52 21.4 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

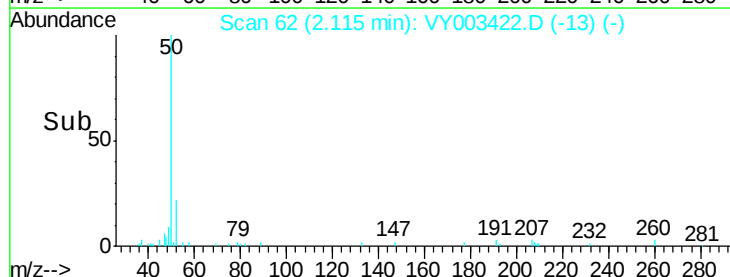
3000

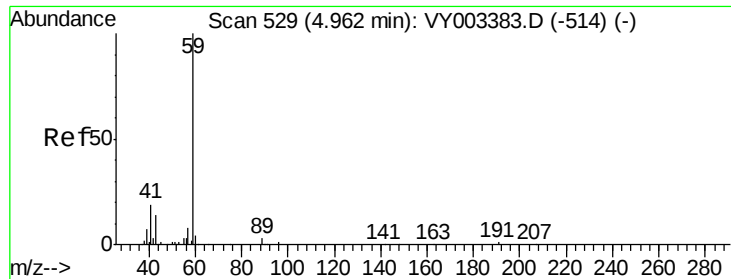
2000

1000

0

Time-->

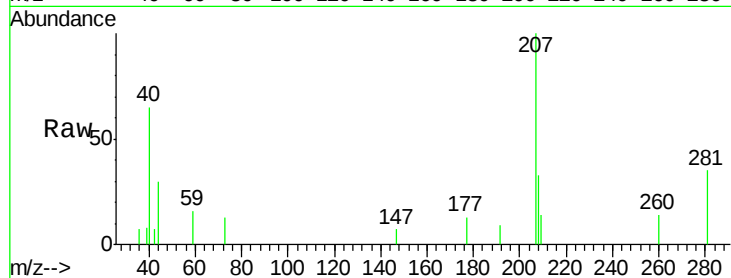




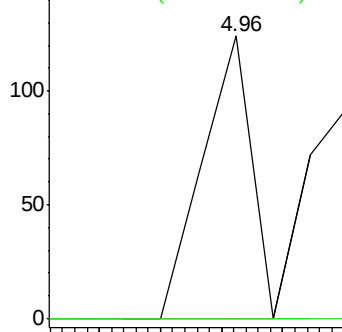
#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003422.D
Acq: 03 Aug 2020 17:15

Instrument :
MSVOA_Y
ClientSampleId :
JTY1-SB-06-2-3

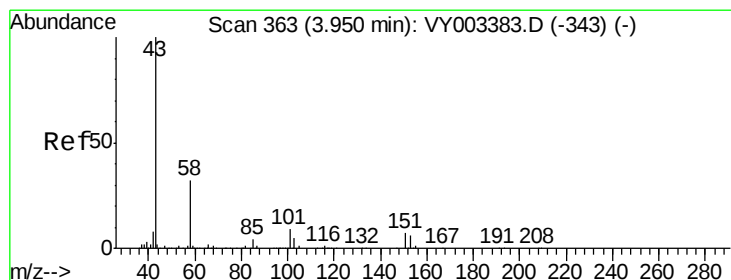
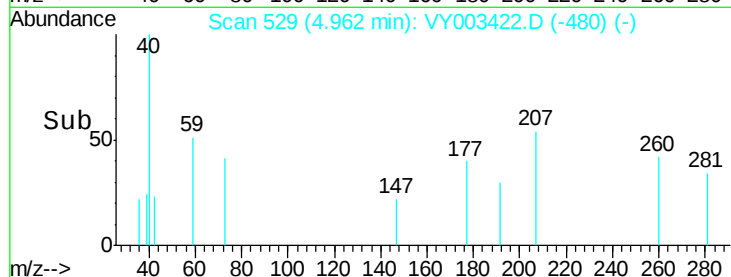
Tot Ion: 59 Resp: 69
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

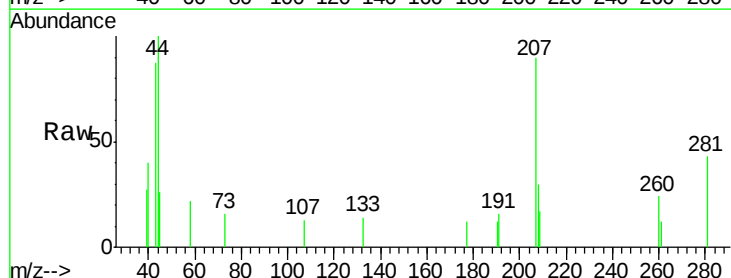


Time-->

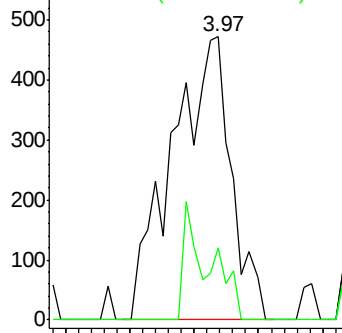


#16
Acetone
Concen: 1.440 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.02 min
Lab File: VY003422.D
Acq: 03 Aug 2020 17:15

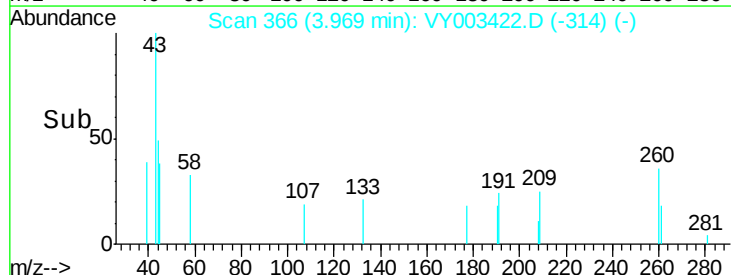
Tgt Ion: 43 Resp: 1498
Ion Ratio Lower Upper
43 100
58 25.4 25.4 38.2#

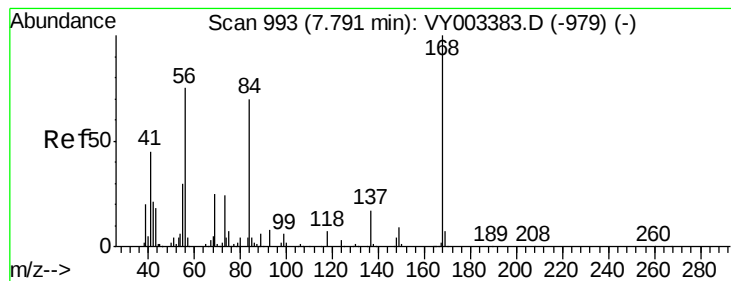


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



Time-->





#31

Cyclohexane

Concen: 1.056 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003422.D

Acq: 03 Aug 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

JTY1-SB-06-2-3

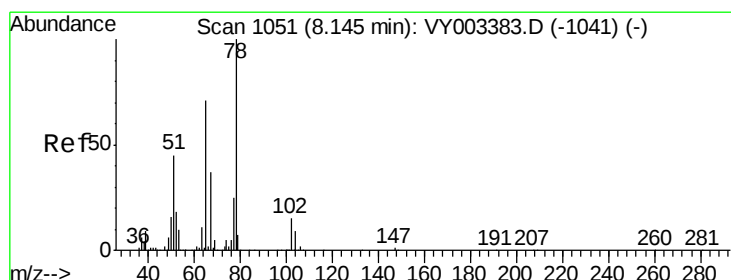
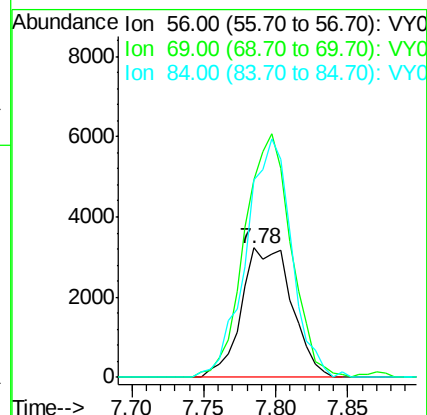
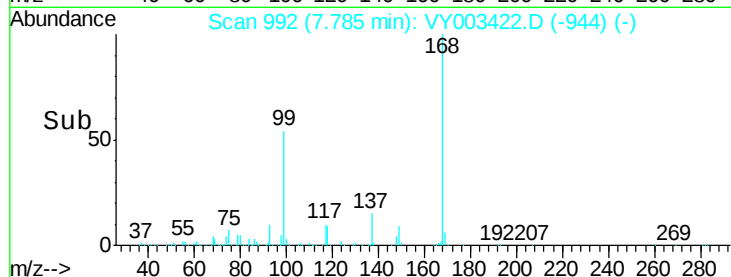
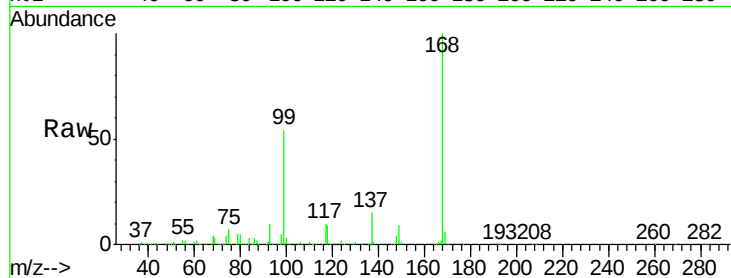
Tot Ion: 56 Resp: 7875

Ion Ratio Lower Upper

56 100

69 152.5 26.1 39.1#

84 157.2 73.9 110.9#



#33

1,2-Dichloroethane-d4

Concen: 53.229 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003422.D

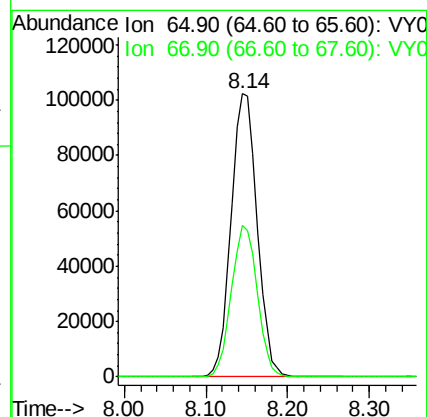
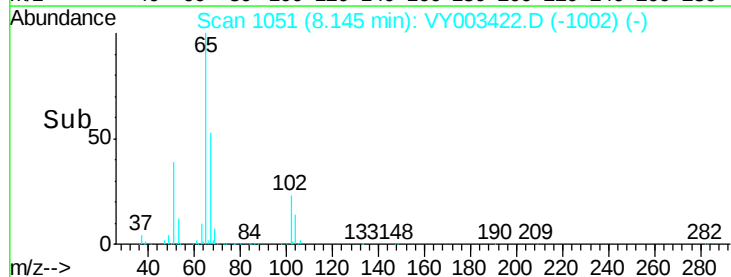
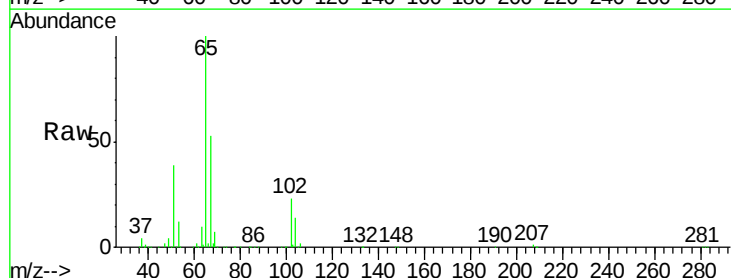
Acq: 03 Aug 2020 17:15

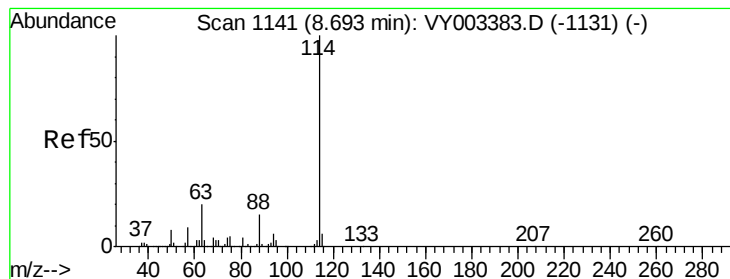
Tgt Ion: 65 Resp: 224038

Ion Ratio Lower Upper

65 100

67 53.3 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: VY003422.D

Acq: 03 Aug 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

JTY1-SB-06-2-3

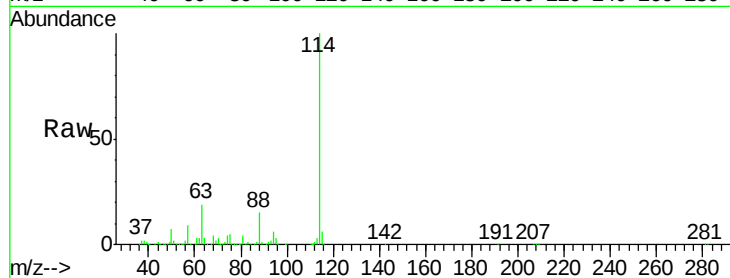
Tot Ion:114 Resp: 698045

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.6

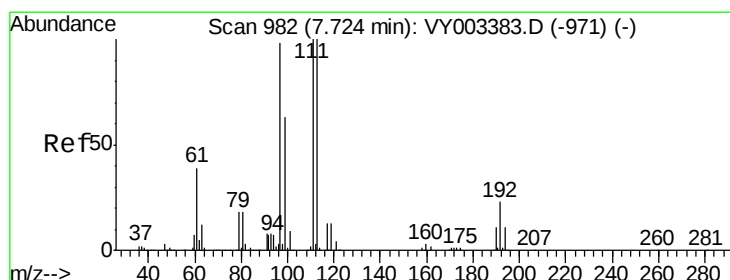
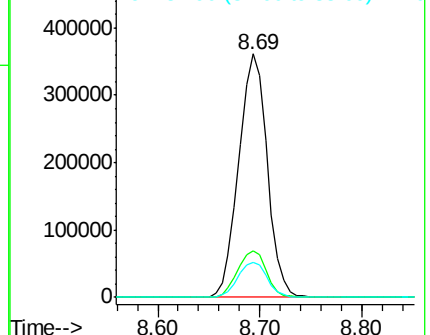
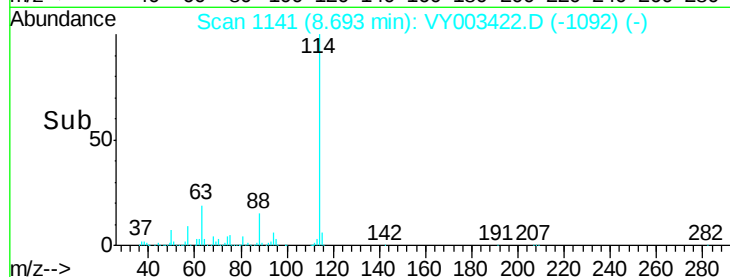
88 14.6 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 53.858 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003422.D

Acq: 03 Aug 2020 17:15

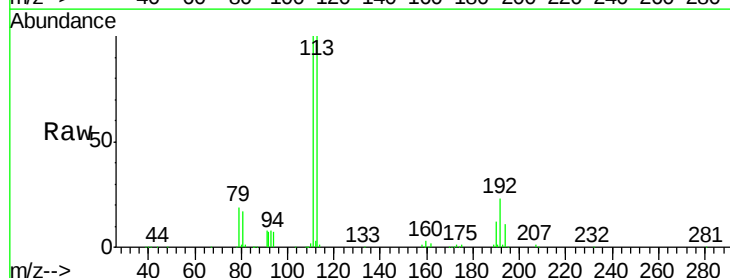
Tgt Ion:113 Resp: 221459

Ion Ratio Lower Upper

113 100

111 101.1 83.0 124.4

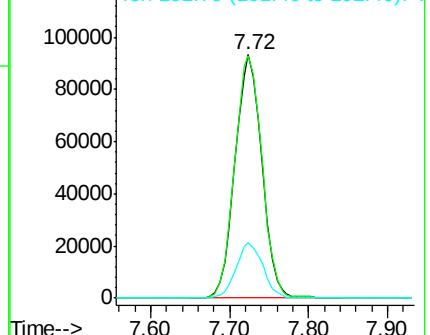
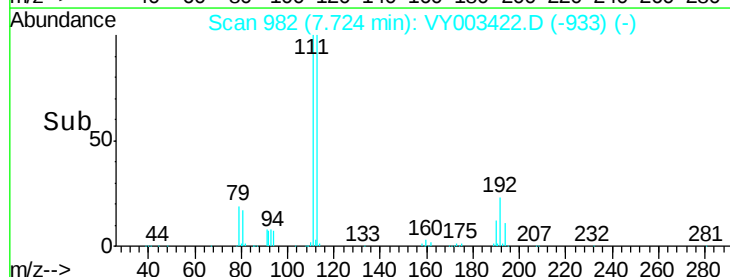
192 22.7 18.8 28.2

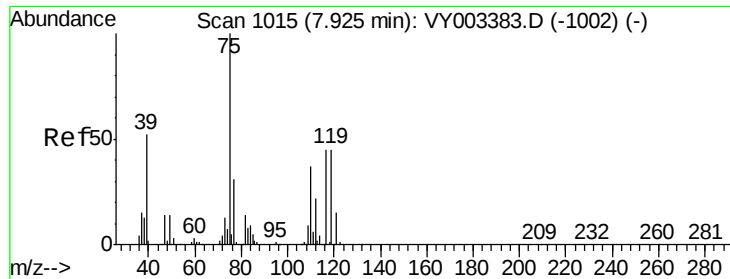


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

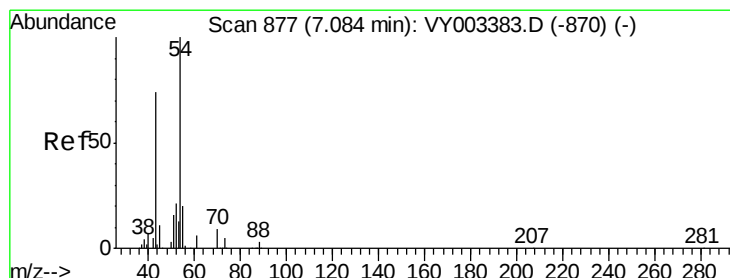
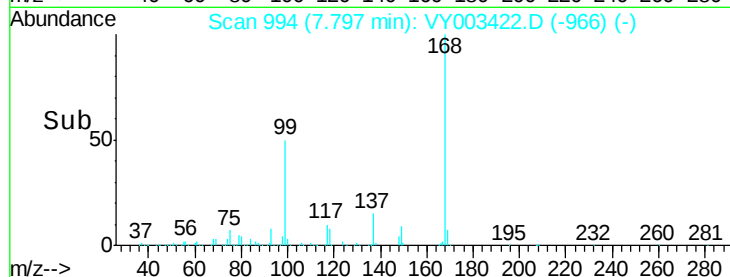
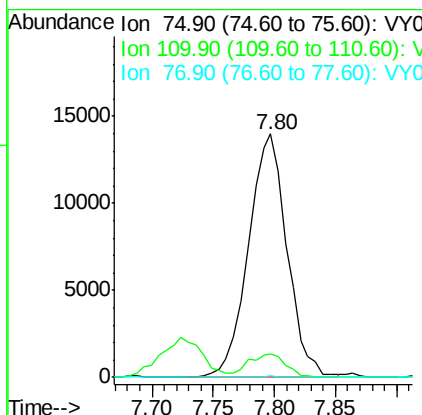
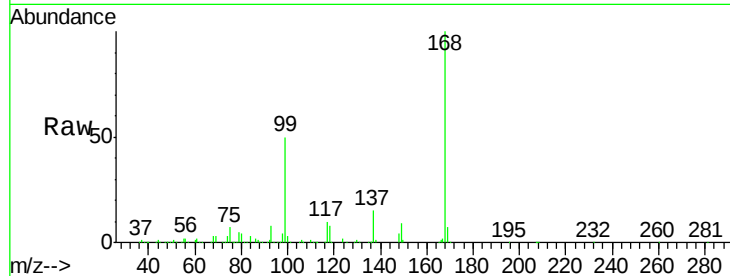




#36
 1,1-Dichloropropene
 Concen: 4.639 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003422.D
 Acq: 03 Aug 2020 17:15

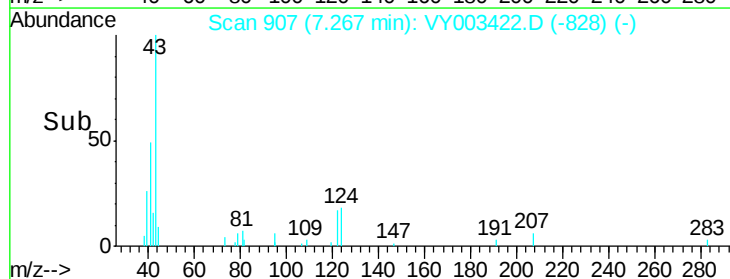
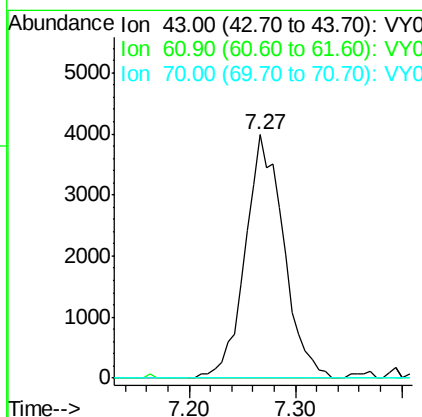
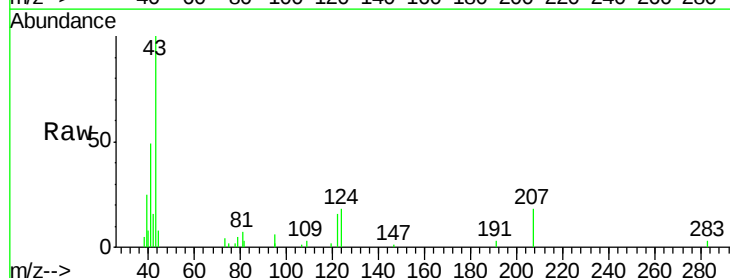
Instrument :
 MSVOA_Y
 ClientSampleId :
 JTY1-SB-06-2-3

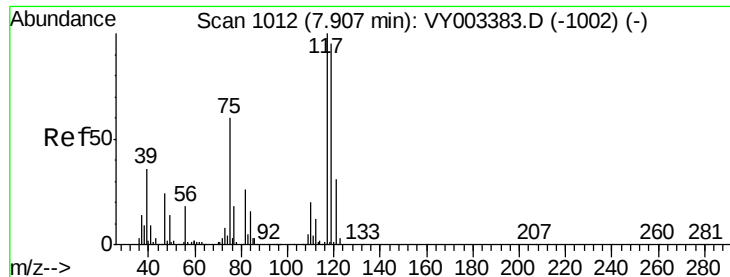
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.8	53.5#
77	0.1	24.6	36.8#



#37
 Ethyl Acetate
 Concen: 2.680 ug/l
 RT: 7.27 min Scan# 907
 Delta R.T. 0.18 min
 Lab File: VY003422.D
 Acq: 03 Aug 2020 17:15

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.2	16.8#
70	0.0	7.7	11.5#





#38

Carbon Tetrachloride

Concen: 5.844 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003422.D

Acq: 03 Aug 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

JTY1-SB-06-2-3

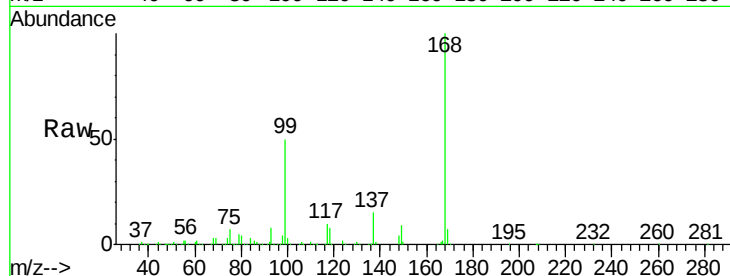
Tot Ion:117 Resp: 39724

Ion Ratio Lower Upper

117 100

119 4.9 76.1 114.1#

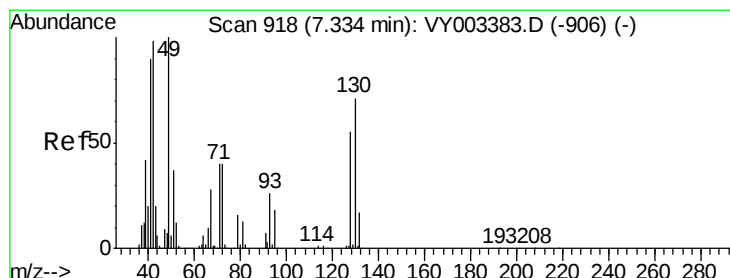
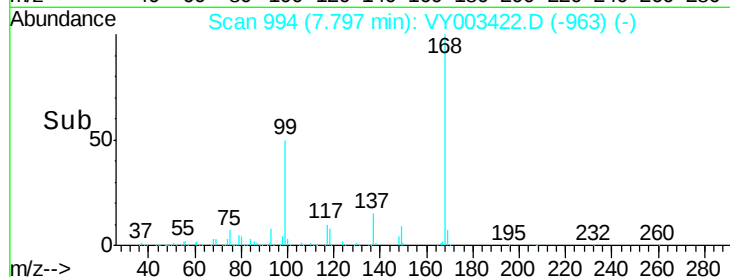
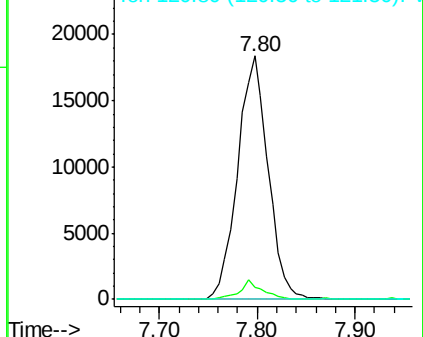
121 0.0 24.5 36.7#



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



#41

Methacrylonitrile

Concen: 2.655 ug/l

RT: 7.27 min Scan# 908

Delta R.T. -0.06 min

Lab File: VY003422.D

Acq: 03 Aug 2020 17:15

Tgt Ion: 41 Resp: 5716

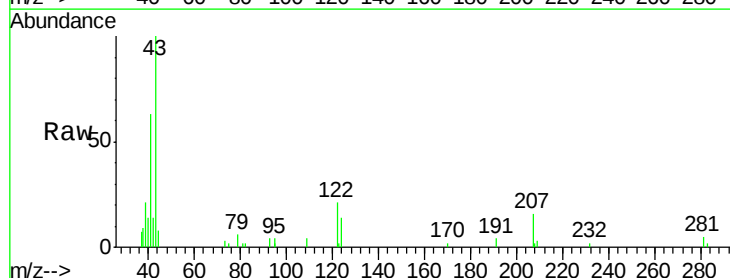
Ion Ratio Lower Upper

41 100

39 44.5 78.3 117.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

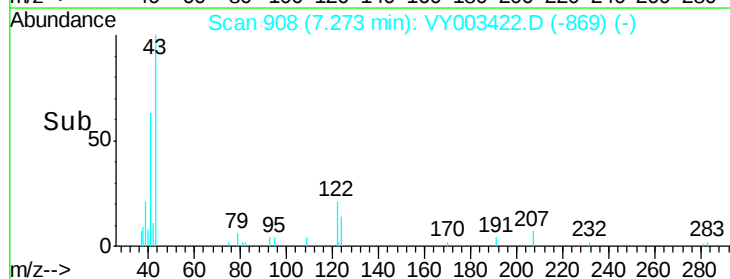
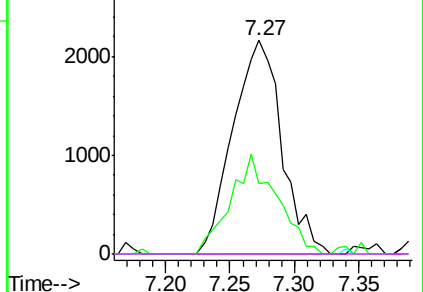


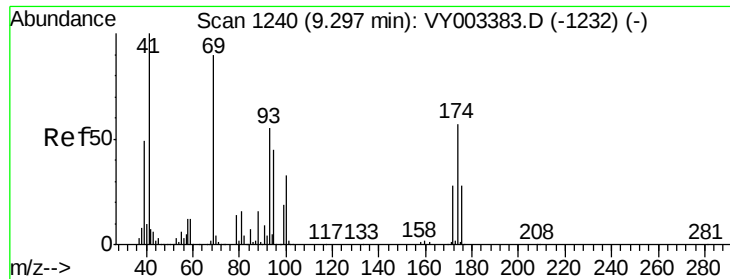
Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

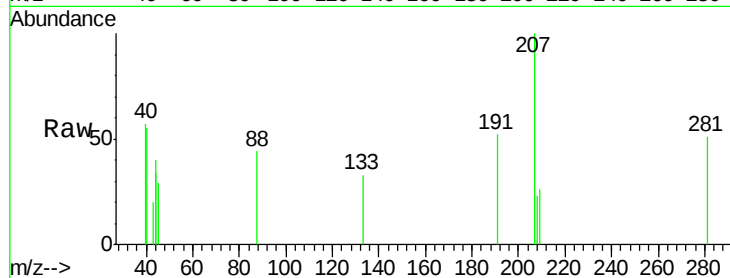




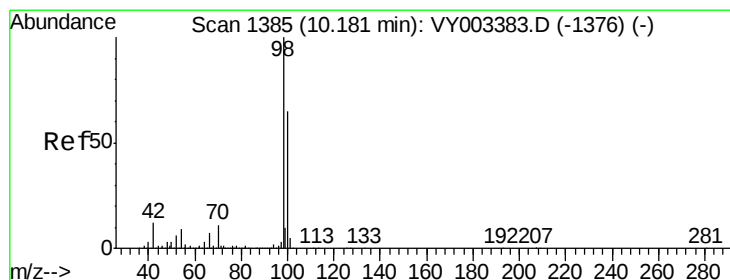
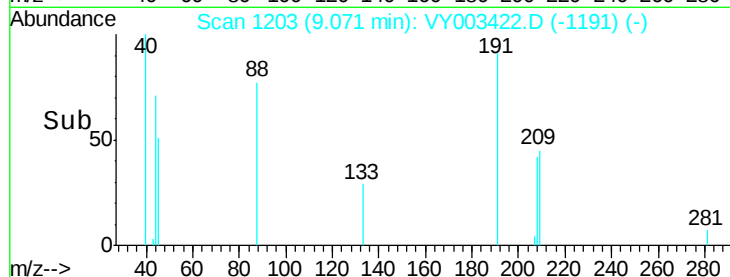
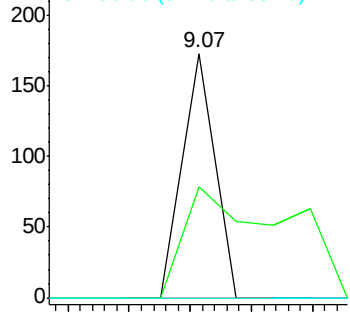
#49
1,4-Dioxane
Concen: 1.808 ug/l
RT: 9.07 min Scan# 1203
Delta R.T. -0.23 min
Lab File: VY003422.D
Acq: 03 Aug 2020 17:15

Instrument :
MSVOA_Y
ClientSampleId :
JTY1-SB-06-2-3

Tot Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 142.9 24.9 37.3#
58 0.0 54.3 81.5#

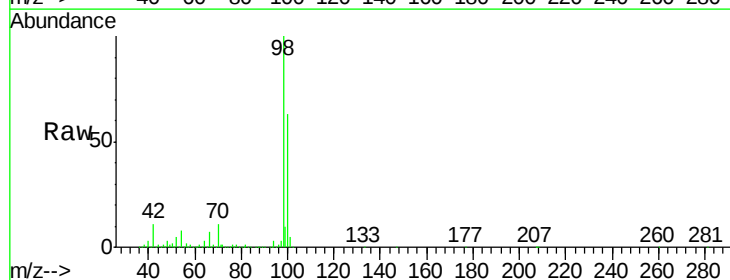


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

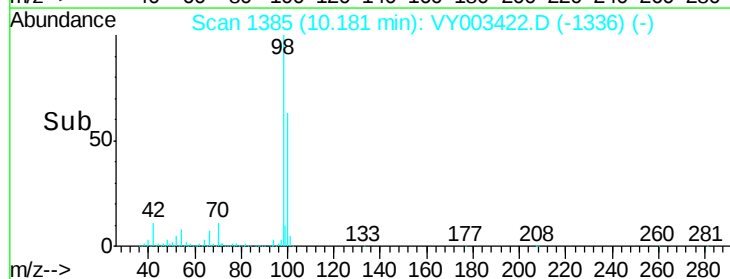
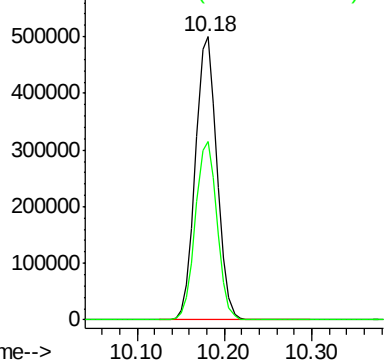


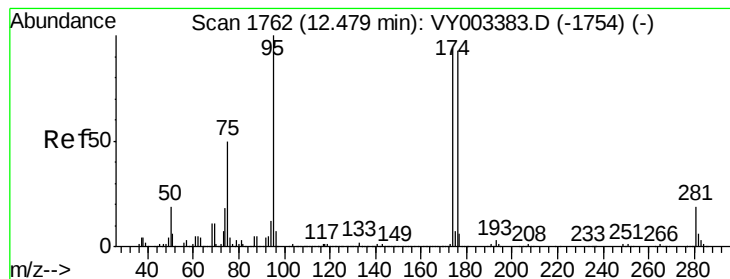
#50
Toluene-d8
Concen: 53.001 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003422.D
Acq: 03 Aug 2020 17:15

Tgt Ion: 98 Resp: 853399
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#62

4-Bromofluorobenzene

Concen: 50.240 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003422.D

Acq: 03 Aug 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

JTY1-SB-06-2-3

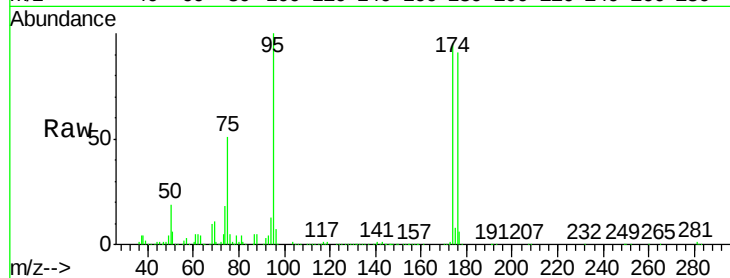
Tot Ion: 95 Resp: 276398

Ion Ratio Lower Upper

95 100

174 96.6 0.0 190.0

176 93.0 0.0 184.4



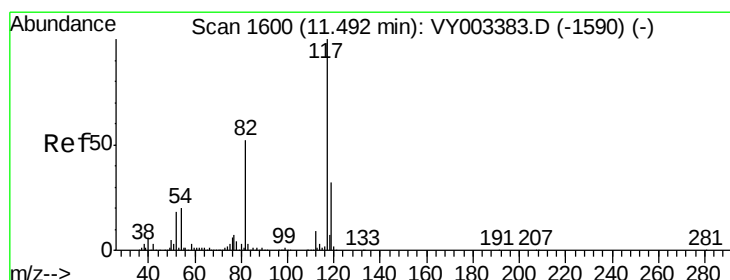
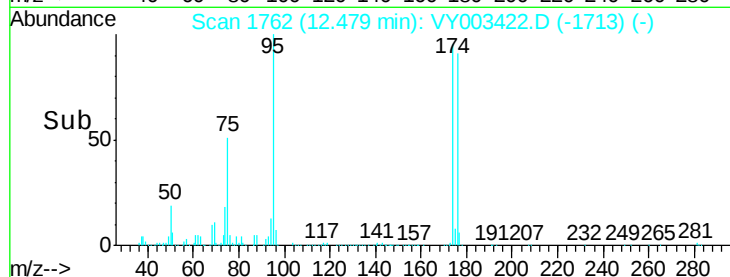
Abundance Ion 94.90 (94.60 to 95.60): VY003383.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003383.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003383.D (-1754) (-)

12.48

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003422.D

Acq: 03 Aug 2020 17:15

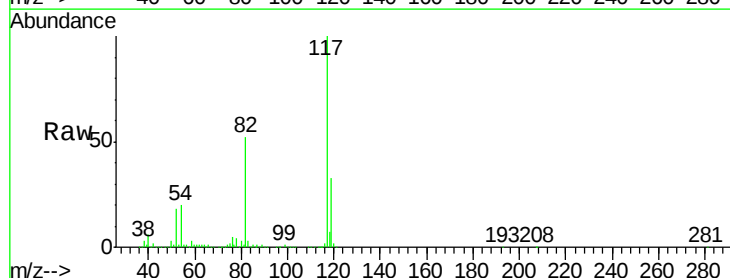
Tgt Ion: 117 Resp: 642887

Ion Ratio Lower Upper

117 100

82 51.8 41.9 62.9

119 32.8 25.4 38.0



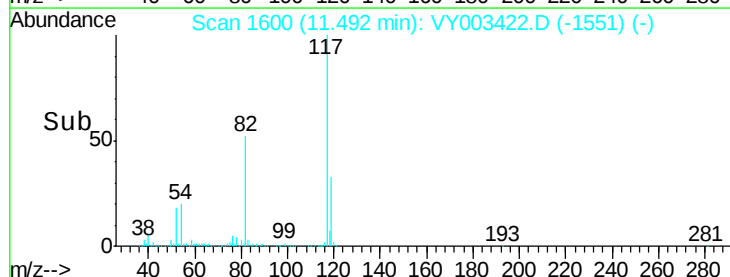
Abundance Ion 116.90 (116.60 to 117.60): VY003383.D (-1590) (-)

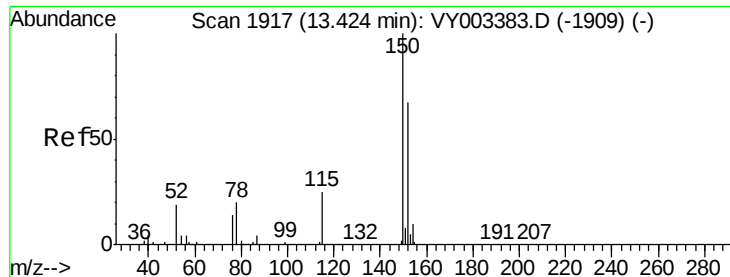
Ion 82.00 (81.70 to 82.70): VY003383.D (-1590) (-)

Ion 118.90 (118.60 to 119.60): VY003383.D (-1590) (-)

11.49

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003422.D

Acq: 03 Aug 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

JTY1-SB-06-2-3

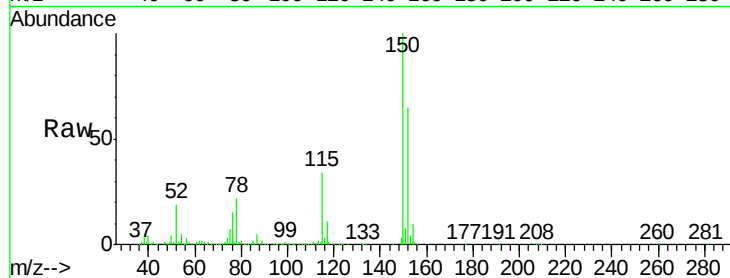
Tot Ion:152 Resp: 319214

Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.5

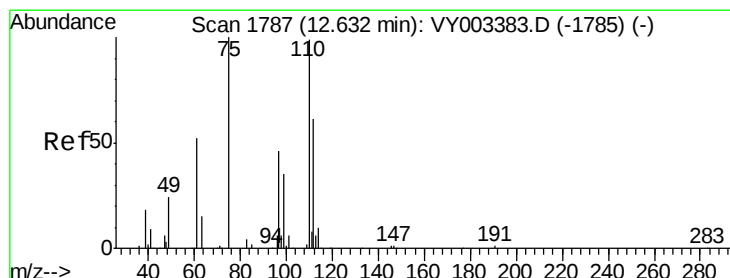
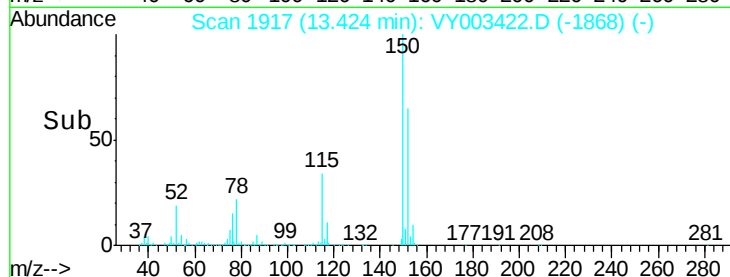
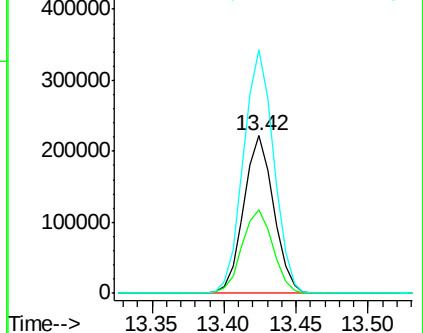
150 156.7 0.0 346.8



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: 49.267 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003422.D

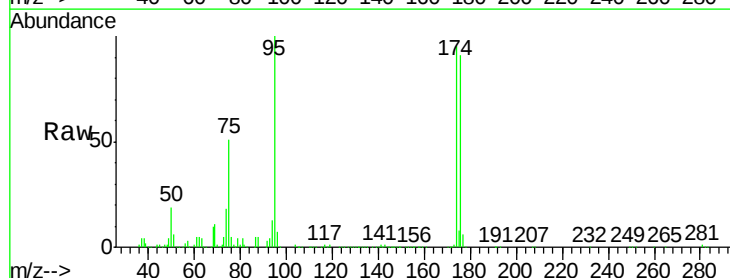
Acq: 03 Aug 2020 17:15

Tgt Ion: 75 Resp: 141281

Ion Ratio Lower Upper

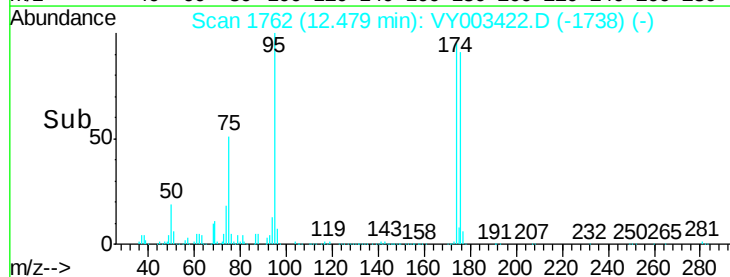
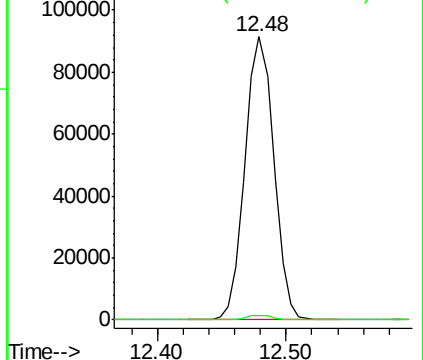
75 100

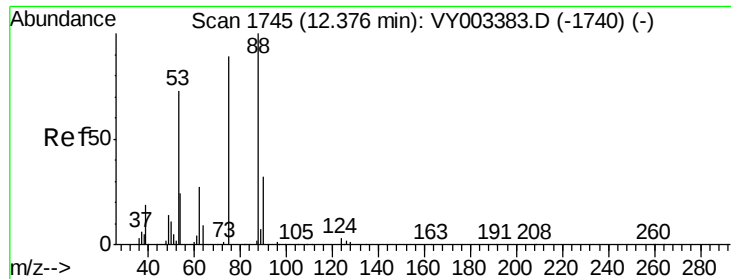
77 1.6 0.0 0.0#



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: 93.176 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003422.D

Acq: 03 Aug 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

JTY1-SB-06-2-3

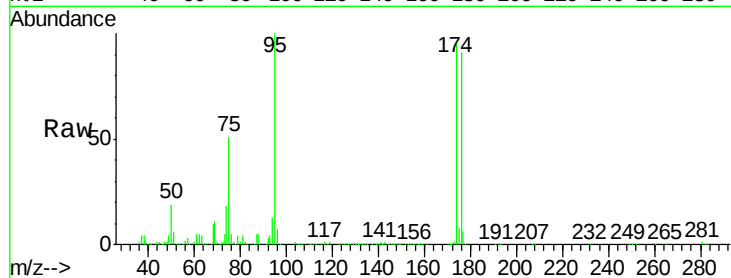
Tot Ion: 75 Resp: 141281

Ion Ratio Lower Upper

75 100

53 0.1 69.5 104.3#

89 0.0 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

