

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003402.D
 Acq On : 31 Jul 2020 20:21
 Operator : SY/MD
 Sample : L3518-42
 Misc : 4.52G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 01 01:31:38 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

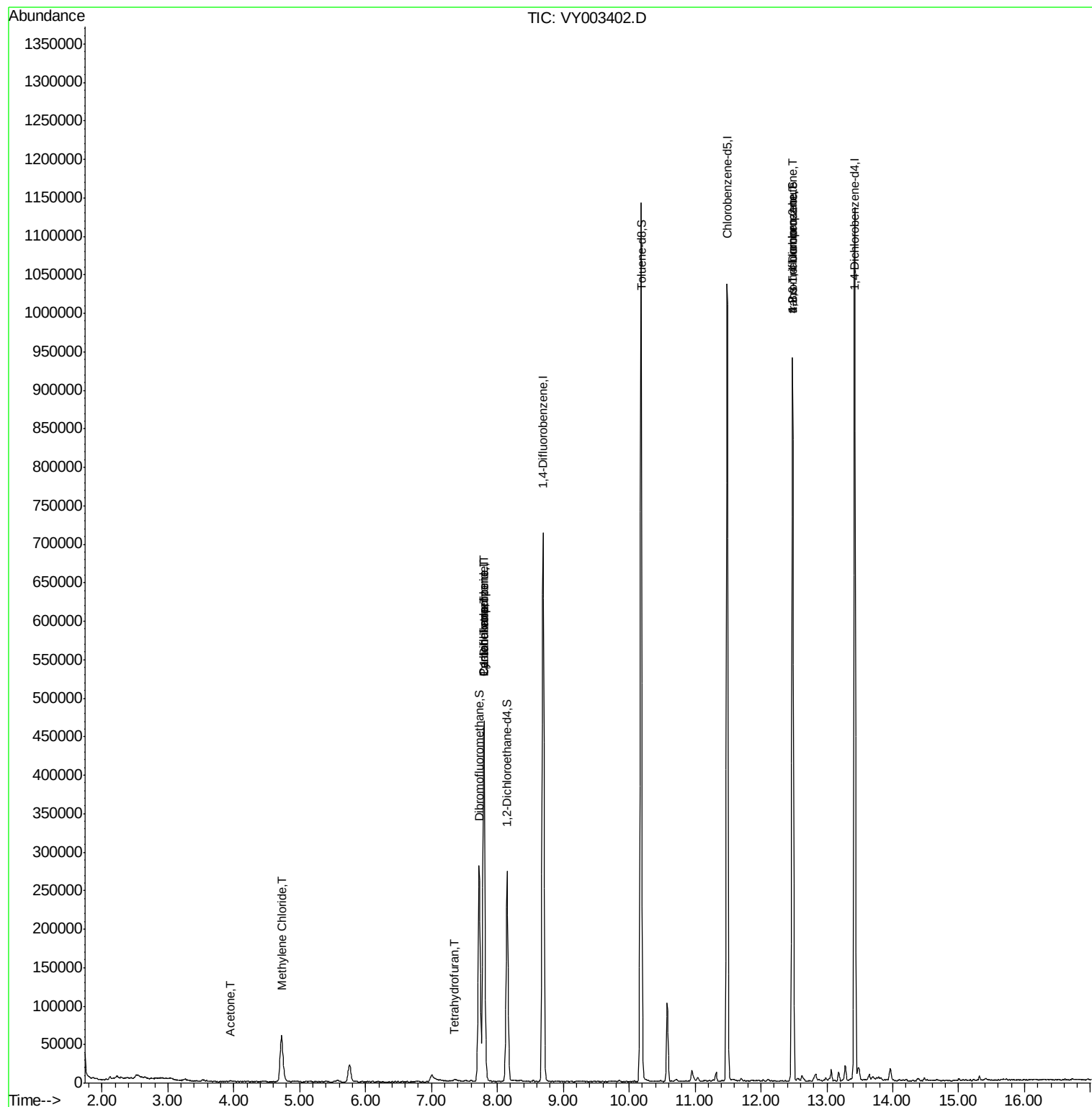
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	388293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	603643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	582809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	293043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	206598	55.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.92%	
35) Dibromofluoromethane	7.72	113	189898	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
50) Toluene-d8	10.18	98	748853	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.56%	
62) 4-Bromofluorobenzene	12.48	95	246891	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	689	Below Cal	#	73
16) Acetone	3.95	43	1789	1.961	ug/l	98
20) Methylene Chloride	4.72	84	46055	1.380	ug/l	99
29) Tetrahydrofuran	7.35	42	1578	1.740	ug/l #	90
31) Cyclohexane	7.79	56	7558	1.155	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	27419	4.800	ug/l #	49
38) Carbon Tetrachloride	7.80	117	34836	5.927	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	128815	48.932	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	128815	92.542	ug/l #	15

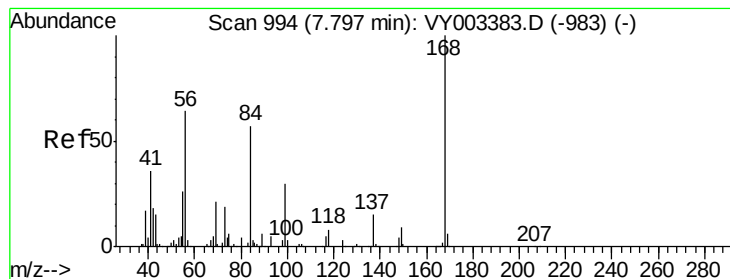
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003402.D

Acq: 31 Jul 2020 20:21

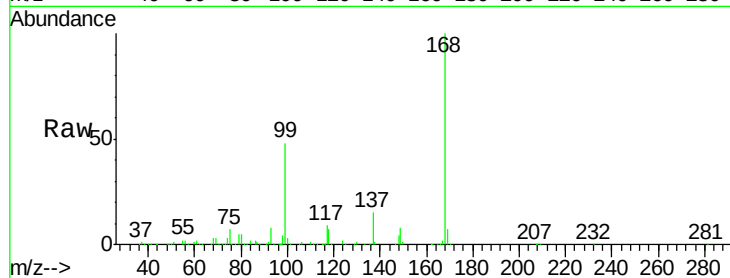
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 388293

Ion Ratio Lower Upper

168 100

99 47.8 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

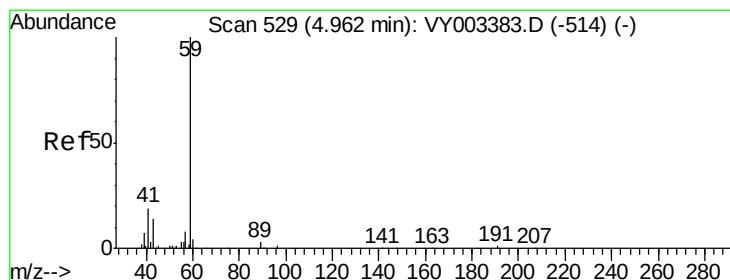
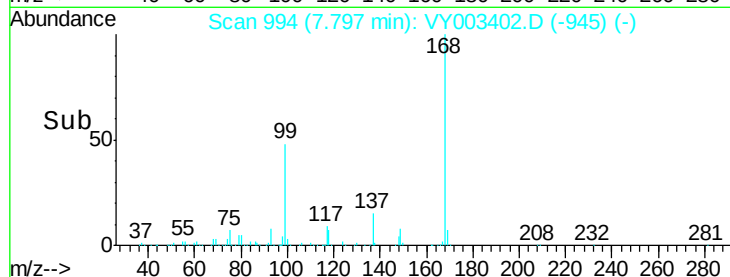
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 528

Delta R.T. -0.01 min

Lab File: VY003402.D

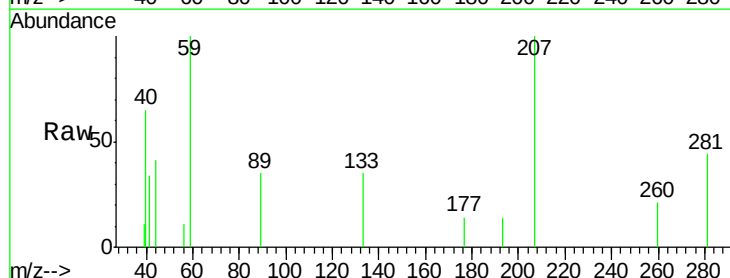
Acq: 31 Jul 2020 20:21

Tgt Ion: 59 Resp: 689

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VY003383.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY003383.D (-514) (-)

4.96

500

400

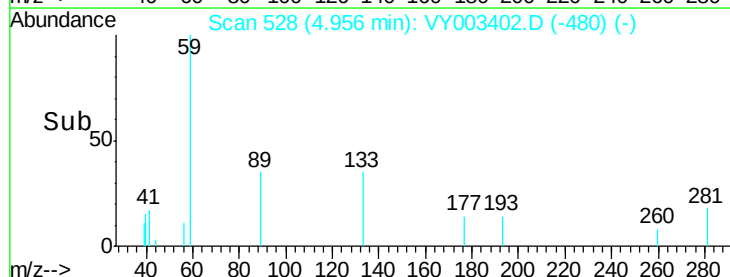
300

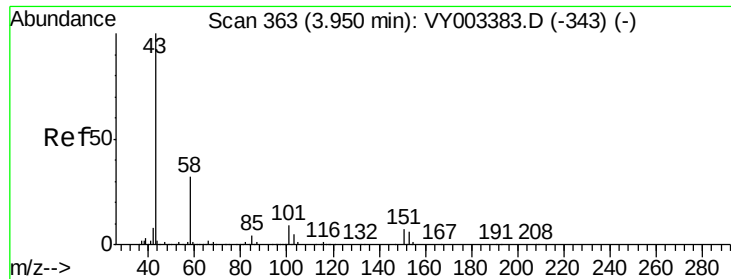
200

100

0

Time-->





#16

Acetone

Concen: 1.961 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003402.D

Acq: 31 Jul 2020 20:21

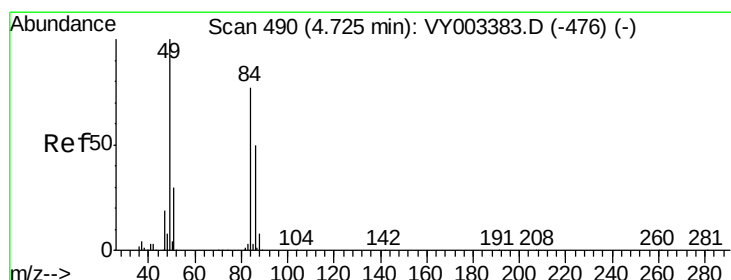
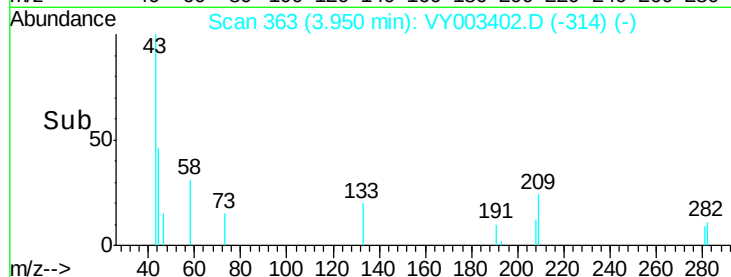
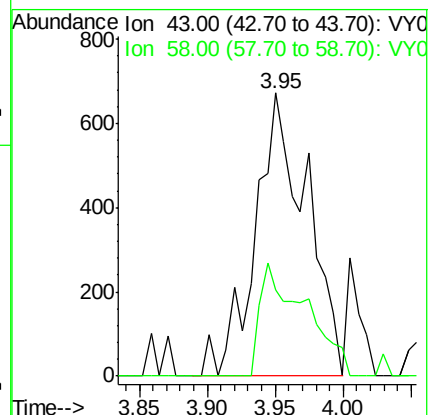
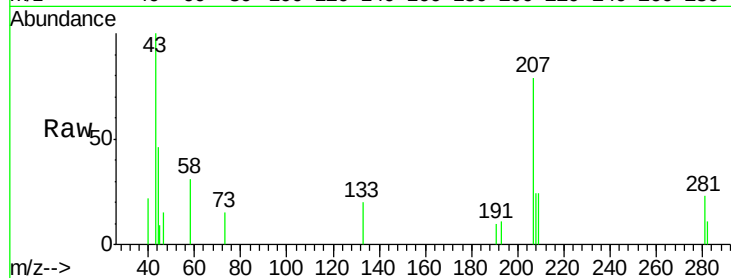
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1789

Ion Ratio Lower Upper

43 100

58 30.7 25.4 38.2



#20

Methylene Chloride

Concen: 1.380 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003402.D

Acq: 31 Jul 2020 20:21

Tgt Ion: 84 Resp: 46055

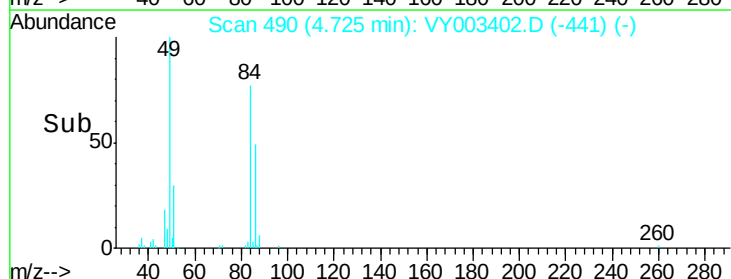
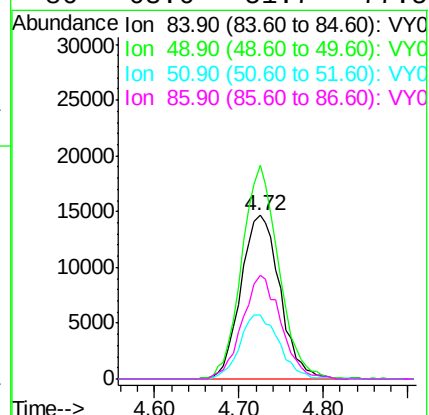
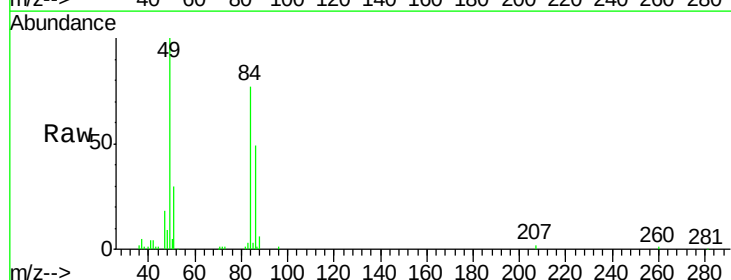
Ion Ratio Lower Upper

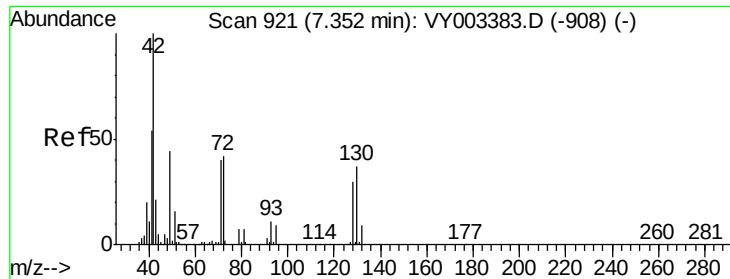
84 100

49 130.6 104.2 156.4

51 39.0 31.5 47.3

86 63.6 51.7 77.5

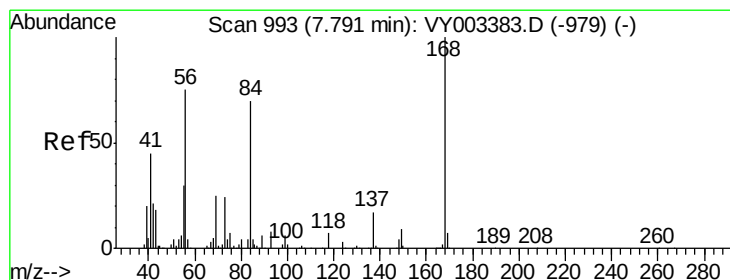
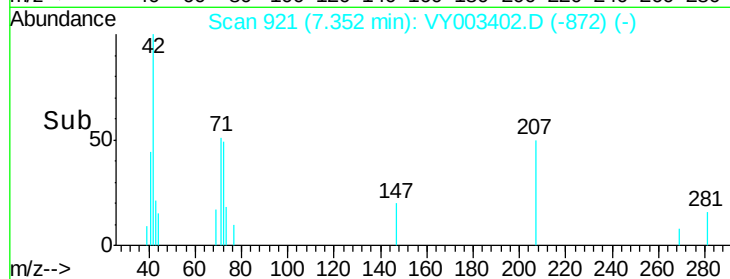
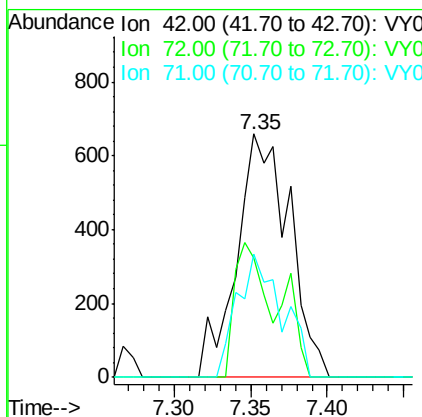
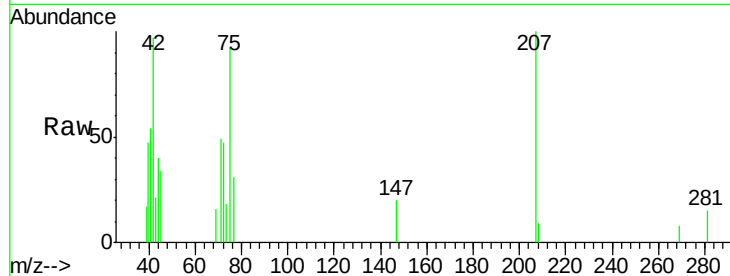




#29
Tetrahydrofuran
Concen: 1.740 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003402.D
Acq: 31 Jul 2020 20:21

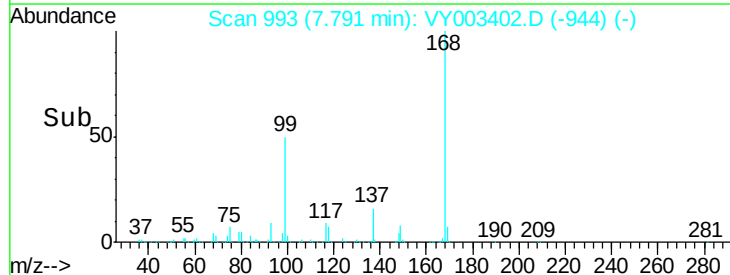
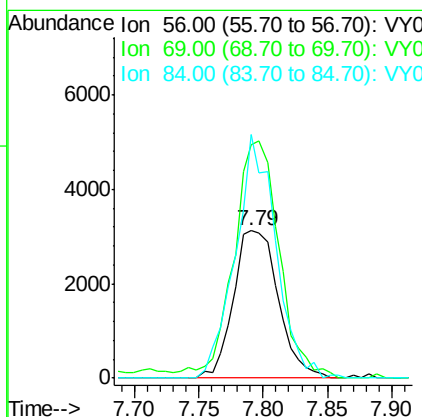
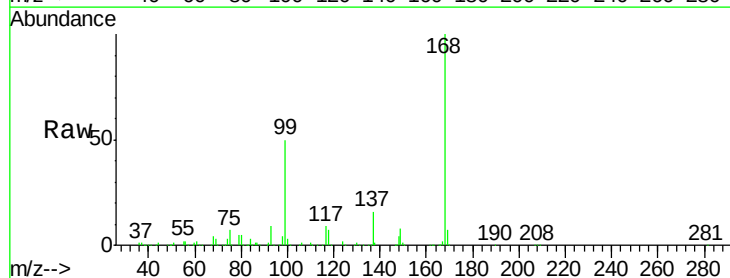
Instrument :
MSVOA_Y
ClientSampled :

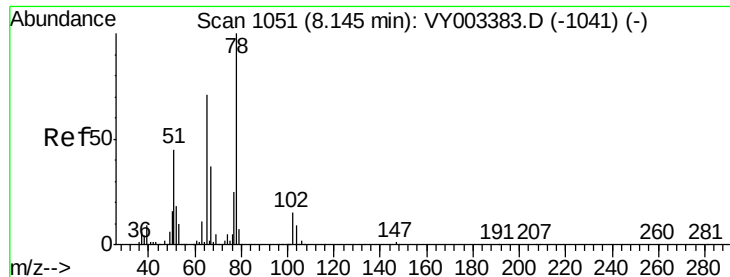
Tot Ion: 42 Resp: 1578
Ion Ratio Lower Upper
42 100
72 31.3 33.5 50.3#
71 42.5 32.1 48.1



#31
Cyclohexane
Concen: 1.155 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY003402.D
Acq: 31 Jul 2020 20:21

Tgt Ion: 56 Resp: 7558
Ion Ratio Lower Upper
56 100
69 158.1 26.1 39.1#
84 165.1 73.9 110.9#

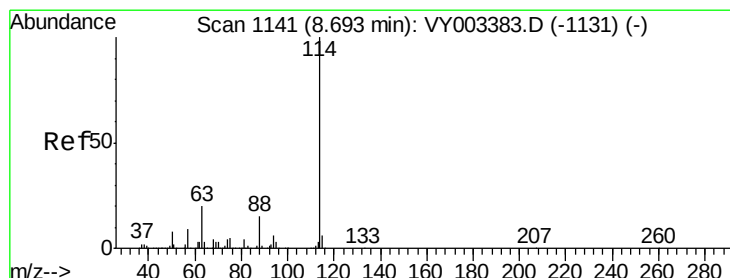
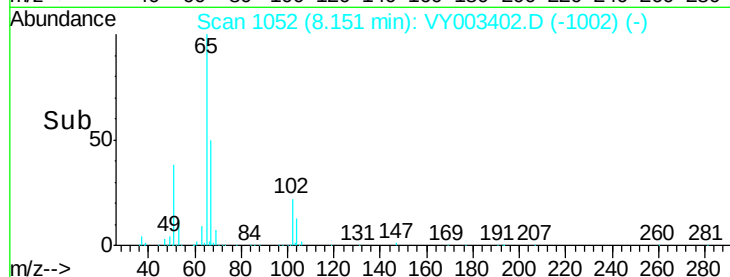
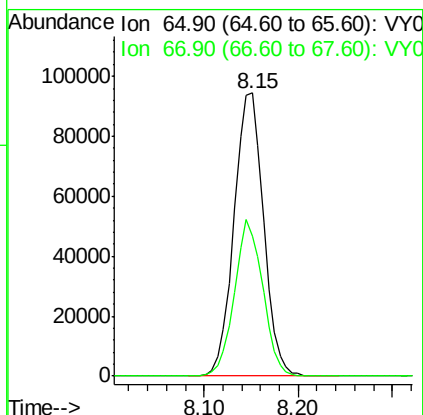
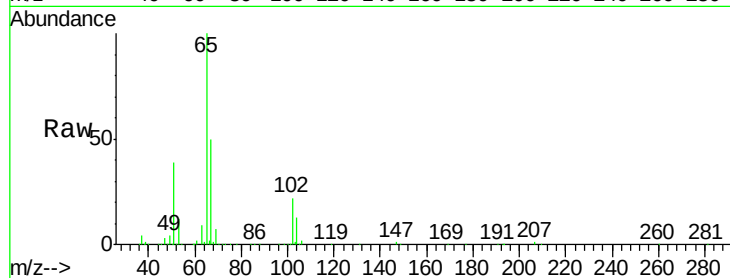




#33
 1,2-Dichloroethane-d4
 Concen: 55.959 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003402.D
 Acq: 31 Jul 2020 20:21

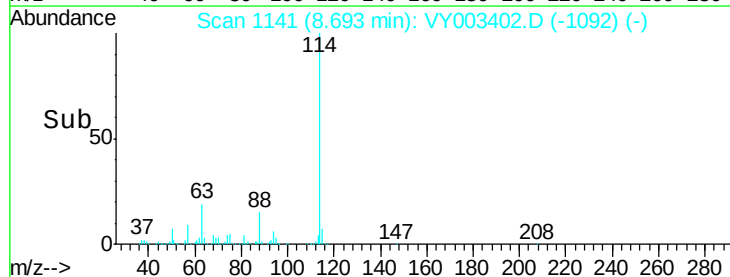
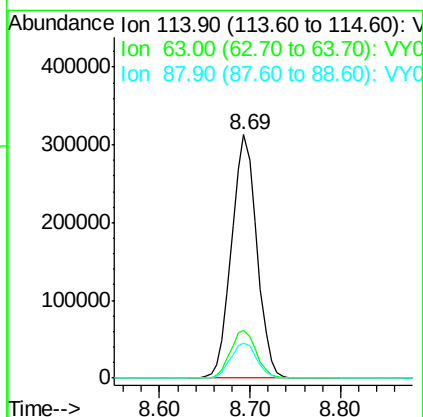
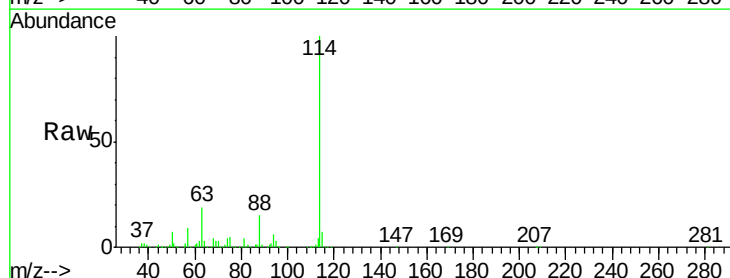
Instrument :
 MSVOA_Y
 ClientSampled :

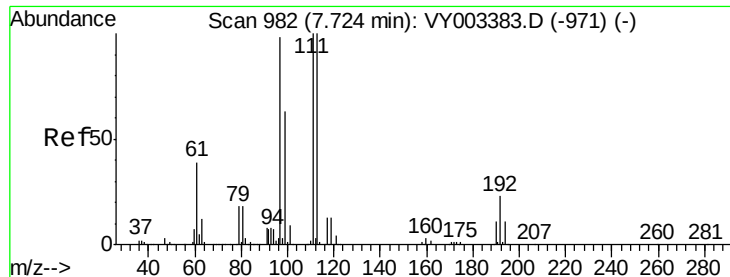
Tot Ion: 65 Resp: 206598
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003402.D
 Acq: 31 Jul 2020 20:21

Tgt Ion: 114 Resp: 603643
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.6
 88 14.6 0.0 29.2

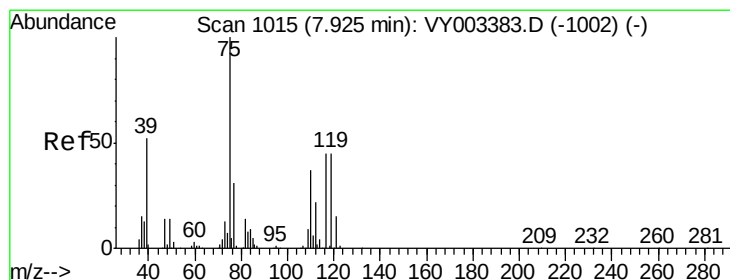
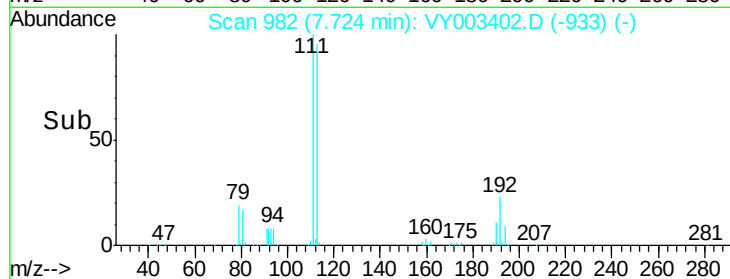
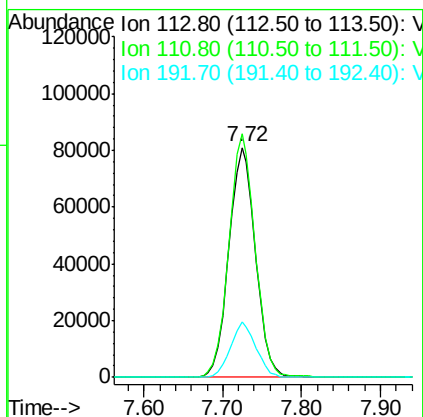
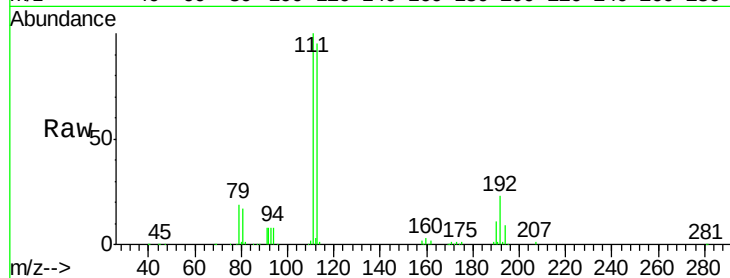




#35
 Dibromofluoromethane
 Concen: 53.405 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003402.D
 Acq: 31 Jul 2020 20:21

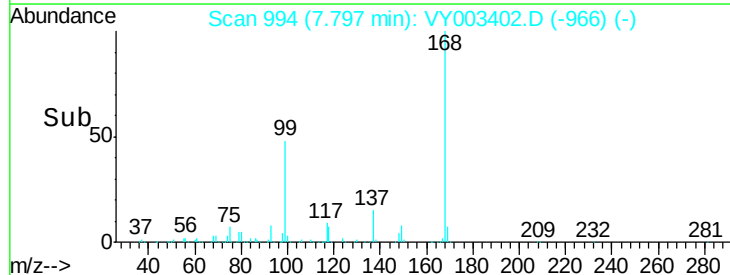
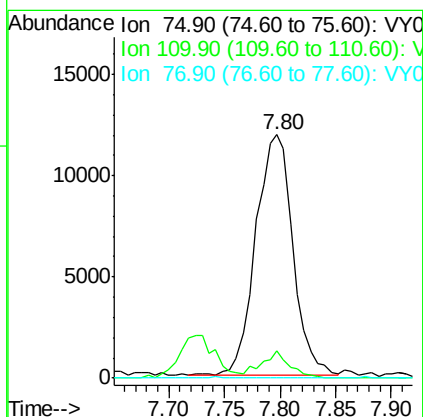
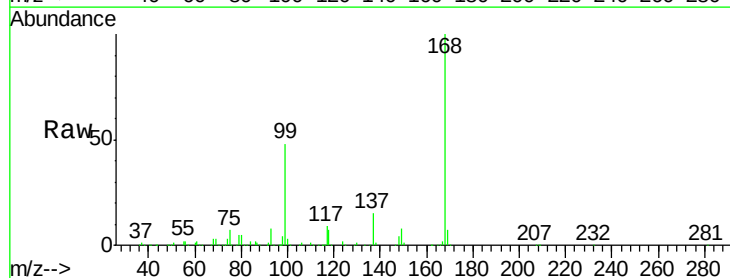
Instrument :
 MSVOA_Y
 ClientSampled :

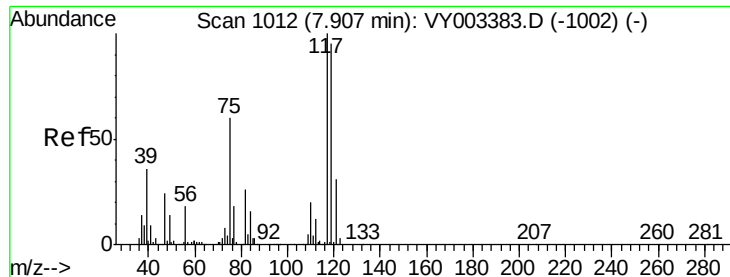
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.0	124.4
192	23.2	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.800 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003402.D
 Acq: 31 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.8	53.5#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 5.927 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003402.D

Acq: 31 Jul 2020 20:21

Instrument :

MSVOA_Y

ClientSampleId :

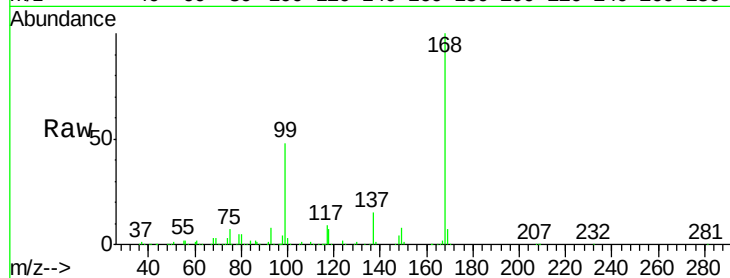
Tot Ion:117 Resp: 34836

Ion Ratio Lower Upper

117 100

119 4.0 76.1 114.1#

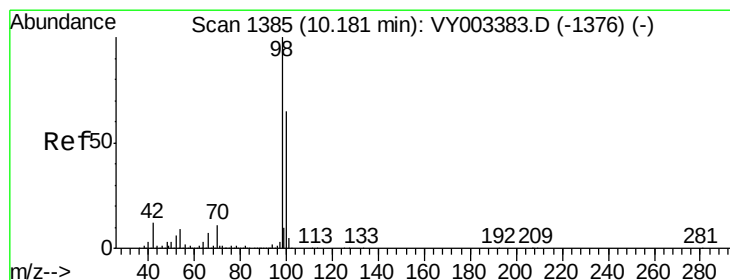
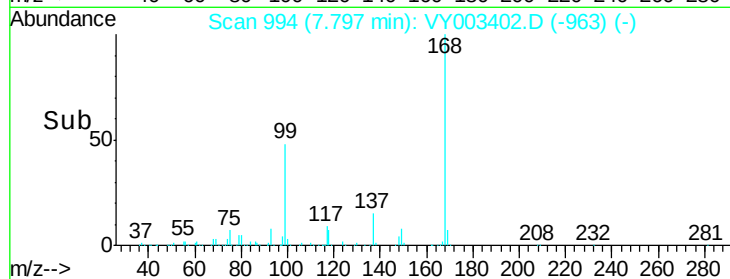
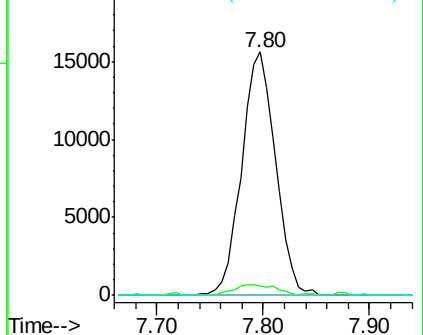
121 0.0 24.5 36.7#



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



#50

Toluene-d8

Concen: 53.781 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003402.D

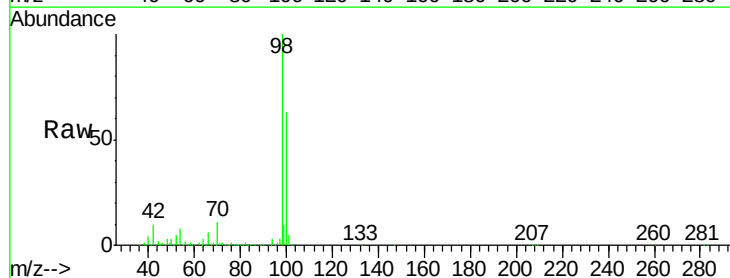
Acq: 31 Jul 2020 20:21

Tgt Ion: 98 Resp: 748853

Ion Ratio Lower Upper

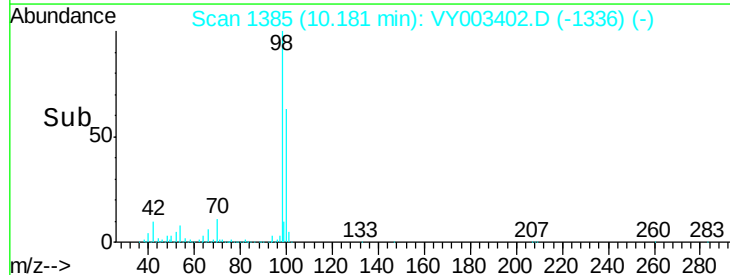
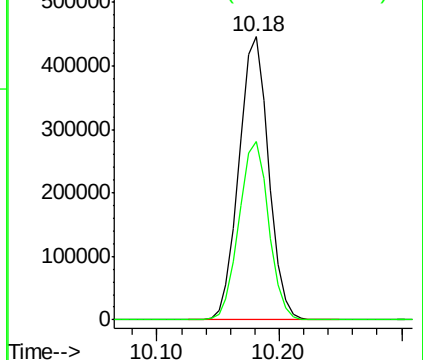
98 100

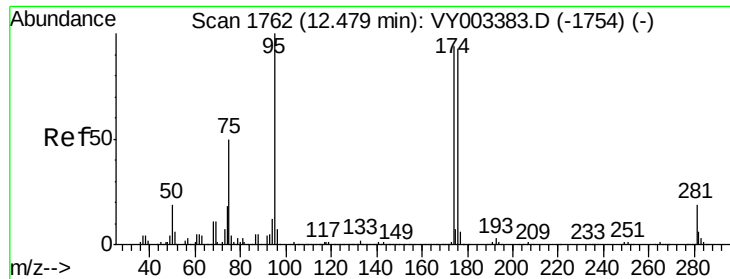
100 63.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

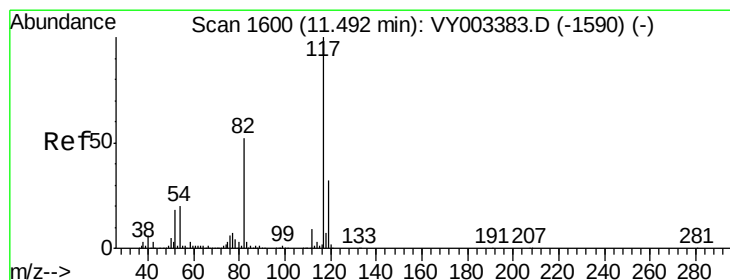
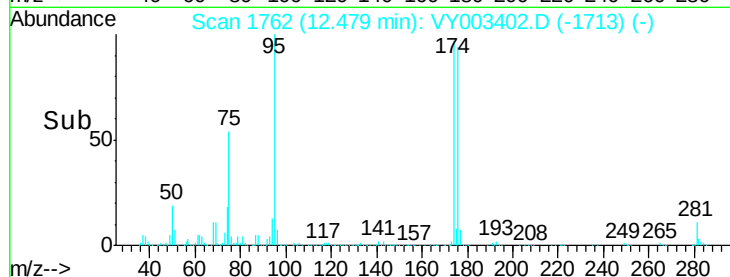
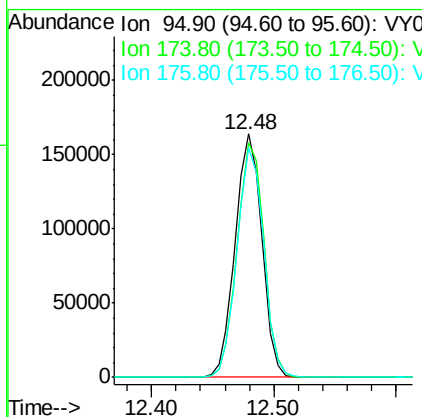
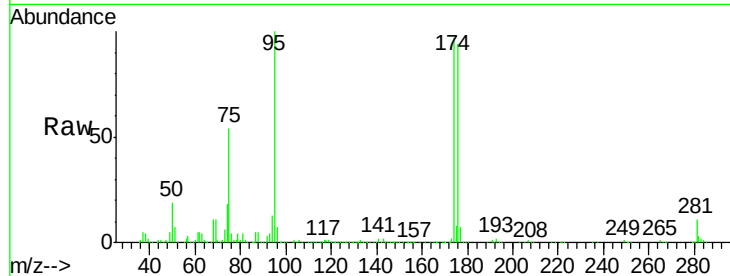




#62
4-Bromofluorobenzene
Concen: 51.895 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003402.D
Acq: 31 Jul 2020 20:21

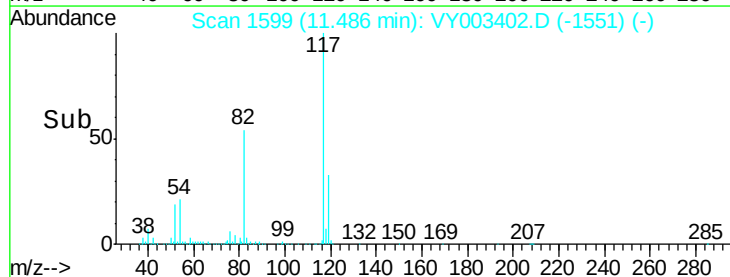
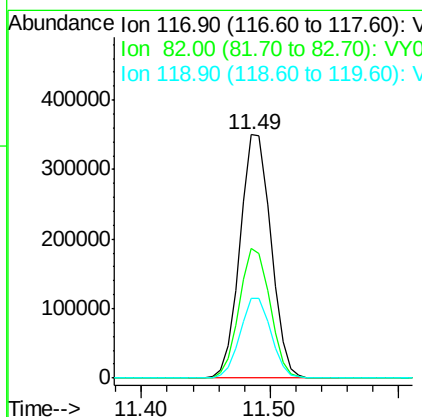
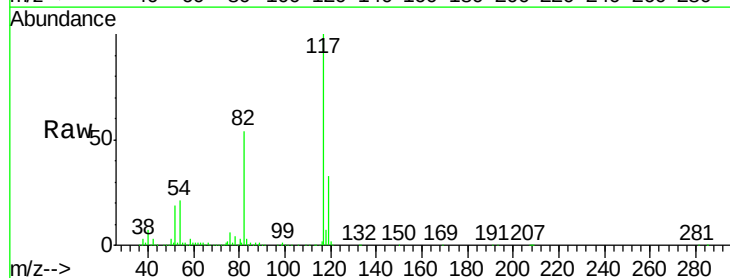
Instrument :
MSVOA_Y
ClientSampled :

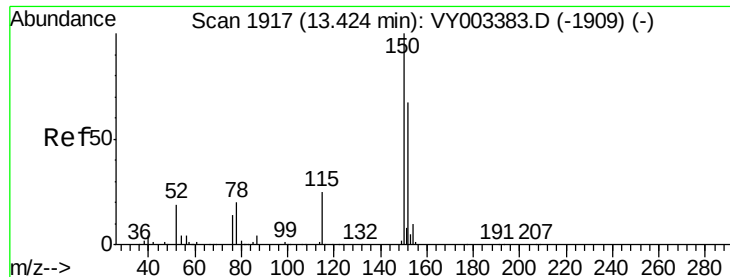
Tot Ion	Ratio	Lower	Upper
95	100		
174	97.2	0.0	190.0
176	94.5	0.0	184.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003402.D
Acq: 31 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.9	62.9
119	32.7	25.4	38.0



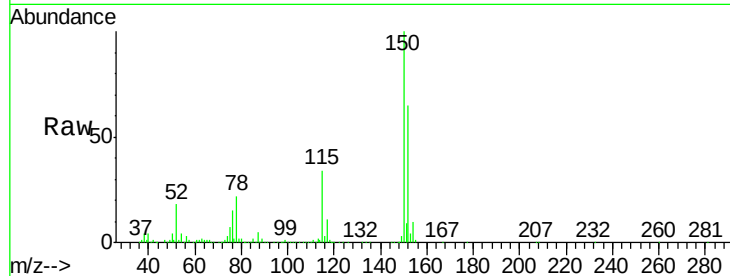


#72

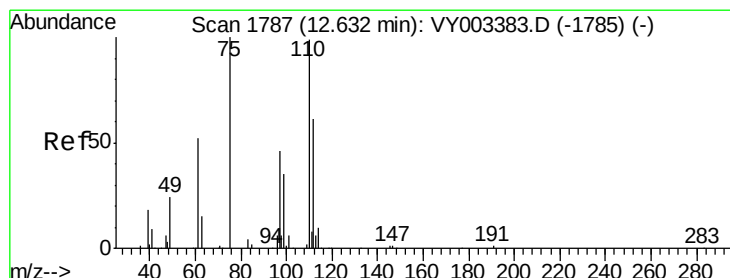
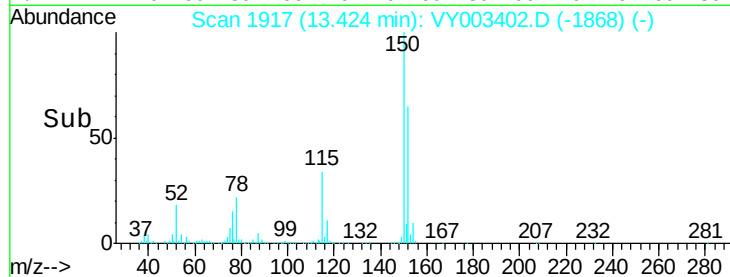
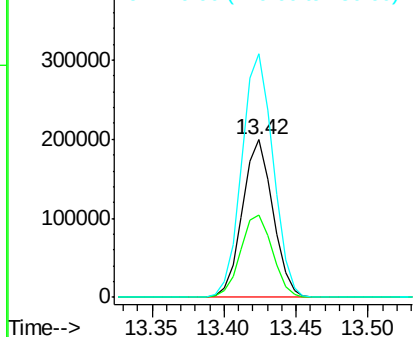
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003402.D
Acq: 31 Jul 2020 20:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 293043
Ion Ratio Lower Upper
152 100
115 54.7 27.2 81.5
150 158.5 0.0 346.8



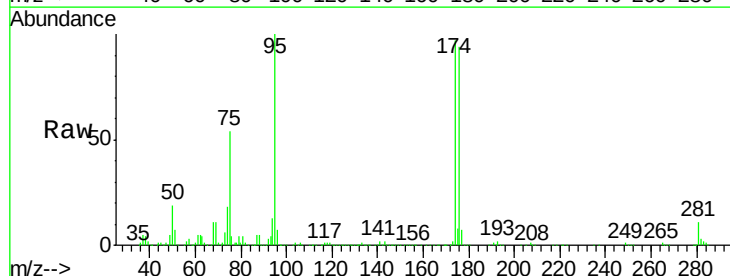
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



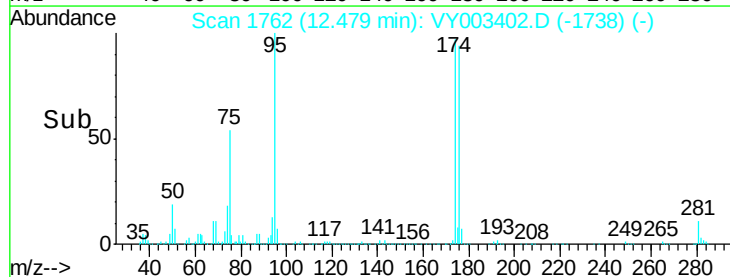
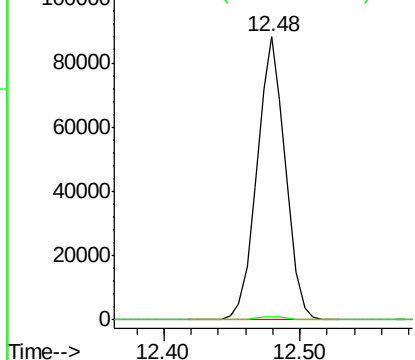
#76

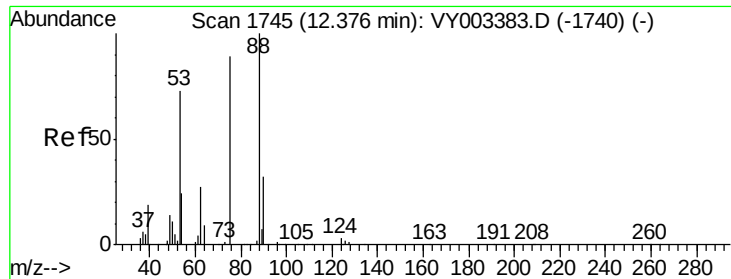
1,2,3-Trichloropropane
Concen: 48.932 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003402.D
Acq: 31 Jul 2020 20:21

Tgt Ion: 75 Resp: 128815
Ion Ratio Lower Upper
75 100
77 1.4 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: 92.542 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003402.D

Acq: 31 Jul 2020 20:21

Instrument :

MSVOA_Y

ClientSampleId :

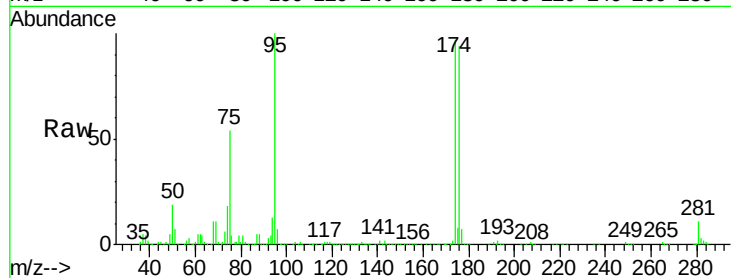
Tot Ion: 75 Resp: 128815

Ion Ratio Lower Upper

75 100

53 0.3 69.5 104.3#

89 0.1 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

