

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003070.D
 Acq On : 01 Jul 2020 19:47
 Operator : SY/MD
 Sample : L3172-25
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP10-SS

Quant Time: Jul 02 03:21:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	304649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	494582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	478232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	250943	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	169631	56.06	ug/l	0.00
Spiked Amount			Recovery	=	112.12%	
35) Dibromofluoromethane	7.73	113	166538	53.98	ug/l	0.00
Spiked Amount			Recovery	=	107.96%	
50) Toluene-d8	10.18	98	592315	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.48	95	215262	53.20	ug/l	0.00
Spiked Amount			Recovery	=	106.40%	

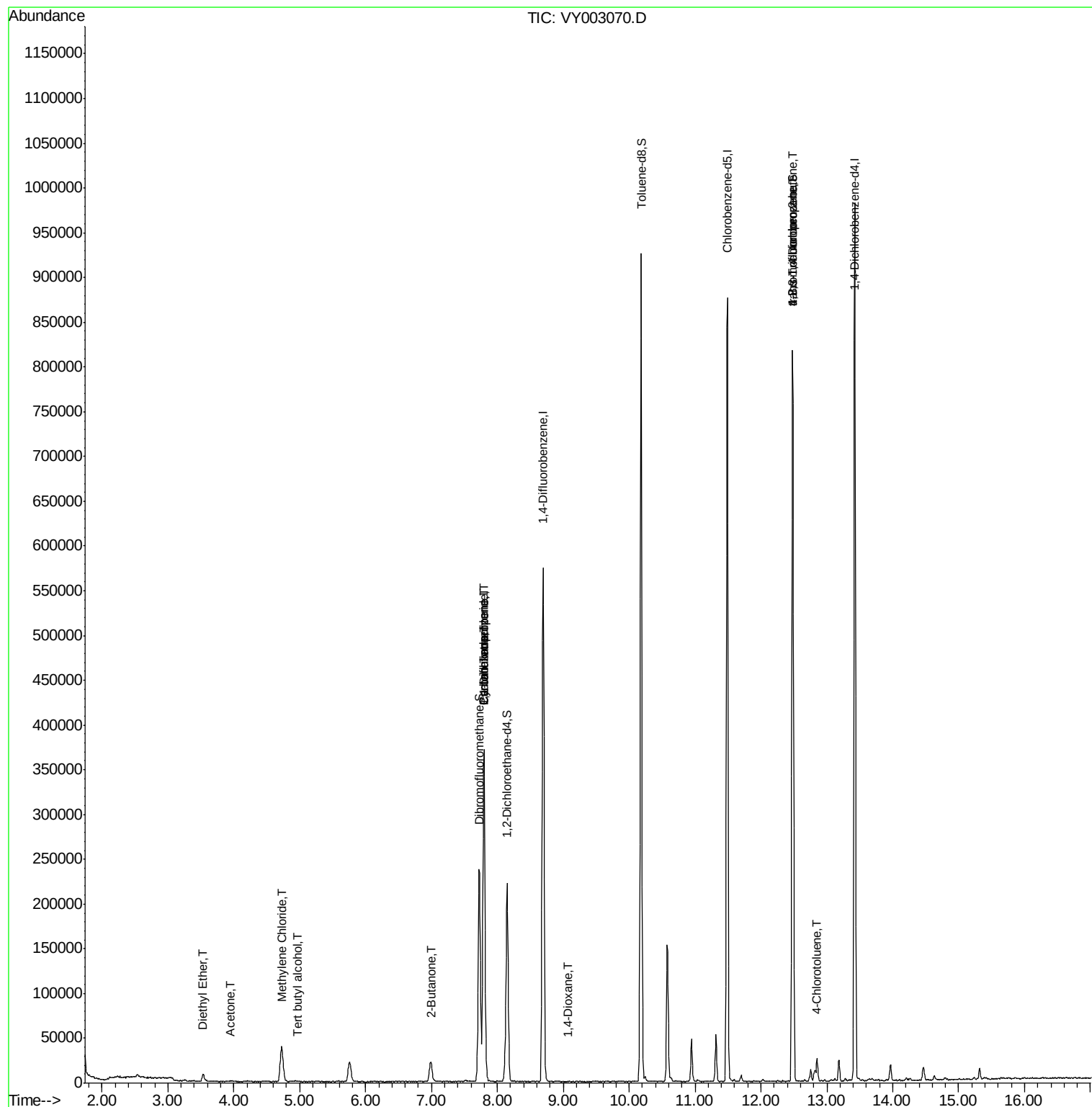
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.54	74	4659	2.922	ug/l	91
11) Tert butyl alcohol	4.96	59	768	2.491	ug/l #	91
16) Acetone	3.94	43	1834	2.570	ug/l #	62
20) Methylene Chloride	4.72	84	30780	3.132	ug/l #	86
25) 2-Butanone	6.99	43	1745	1.539	ug/l #	70
31) Cyclohexane	7.80	56	5469	1.028	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	21218	4.454	ug/l #	52
38) Carbon Tetrachloride	7.80	117	27752	5.599	ug/l #	17
49) 1,4-Dioxane	9.06	88	64	2.675	ug/l #	23
76) 1,2,3-Trichloropropane	12.48	75	111974	45.086	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	111974	87.718	ug/l #	12
82) 4-Chlorotoluene	12.85	91	12826	1.117	ug/l	95

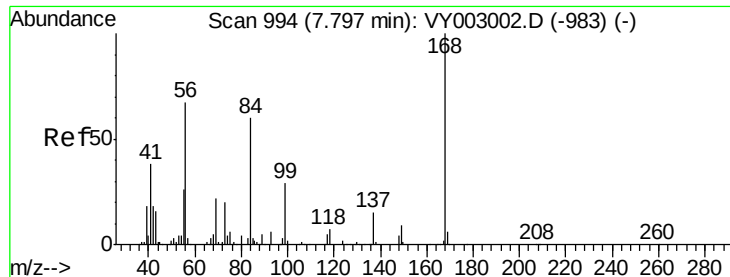
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 02 03:21:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
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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: VY003070.D

Acq: 01 Jul 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

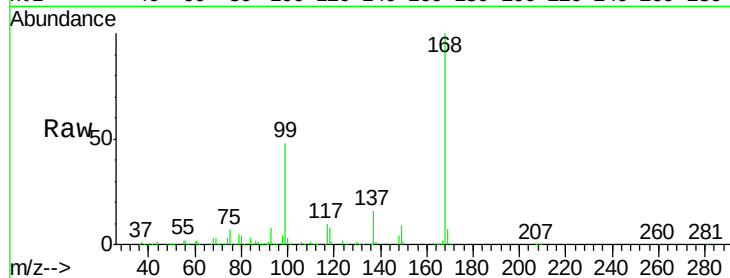
TP10-SS

Tot Ion:168 Resp: 304649

Ion Ratio Lower Upper

168 100

99 48.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

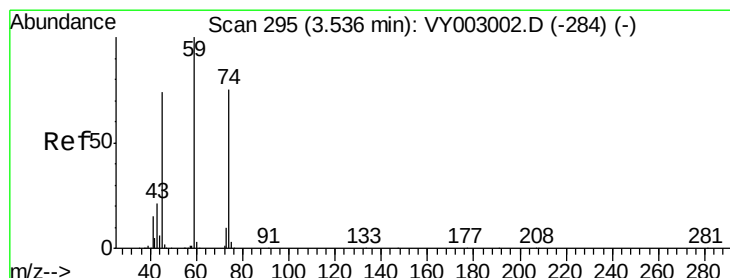
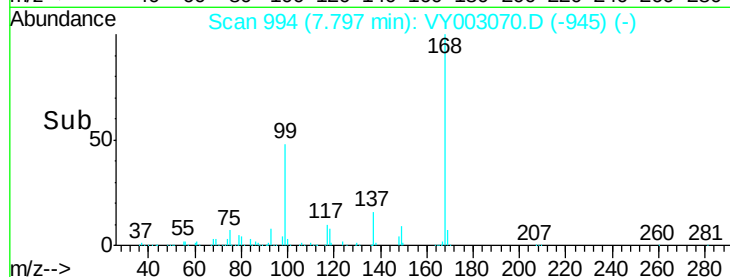
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.922 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VY003070.D

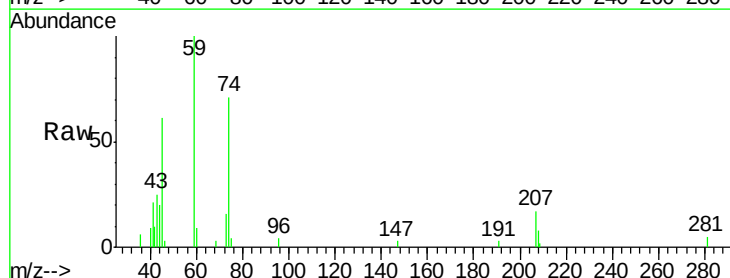
Acq: 01 Jul 2020 19:47

Tgt Ion: 74 Resp: 4659

Ion Ratio Lower Upper

74 100

45 90.1 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0

2000

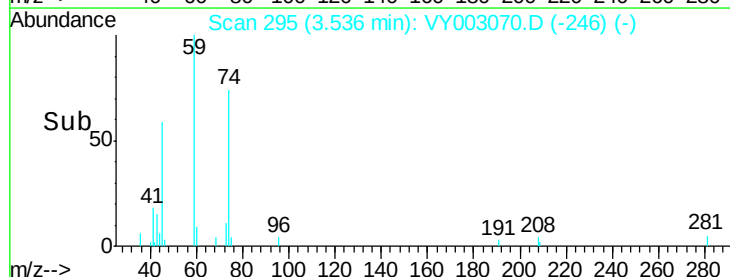
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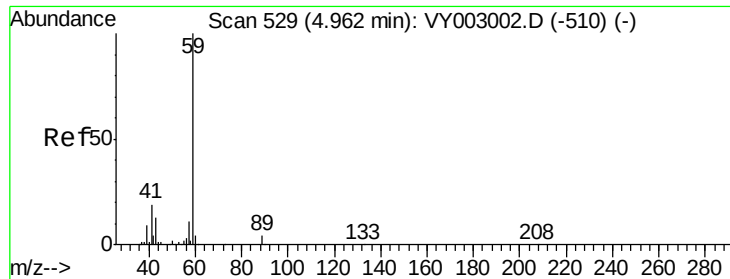
1000

500

0

Time-->



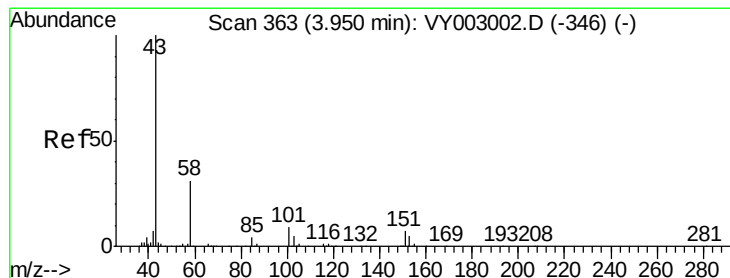
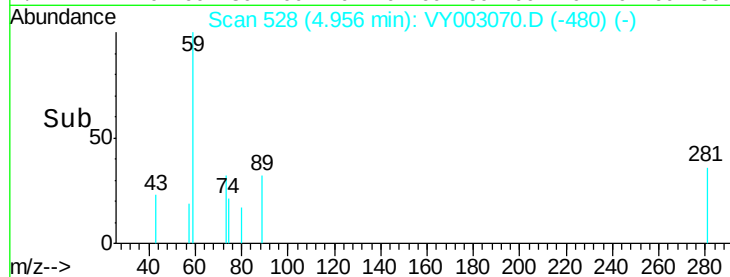
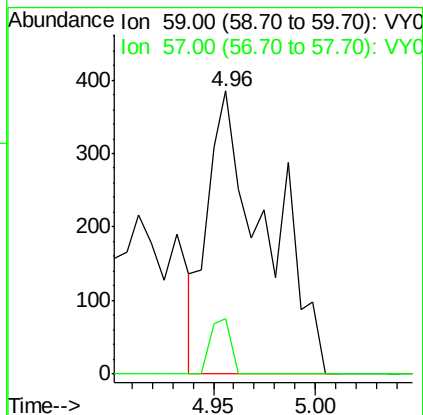
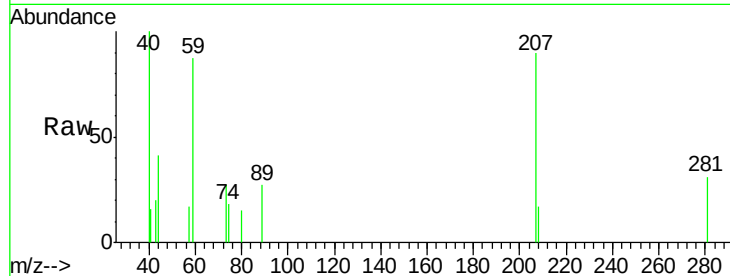


#11

Tert butyl alcohol
 Concen: 2.491 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003070.D
 Acq: 01 Jul 2020 19:47

Instrument :
 MSVOA_Y
 ClientSampled :
 TP10-SS

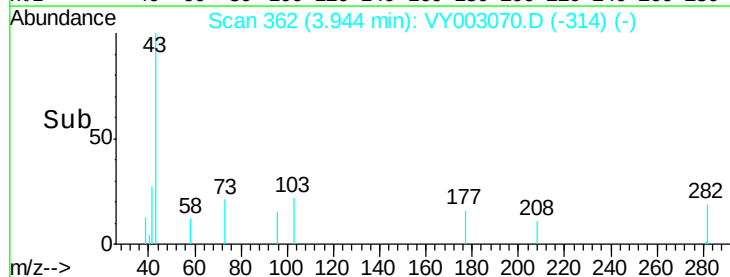
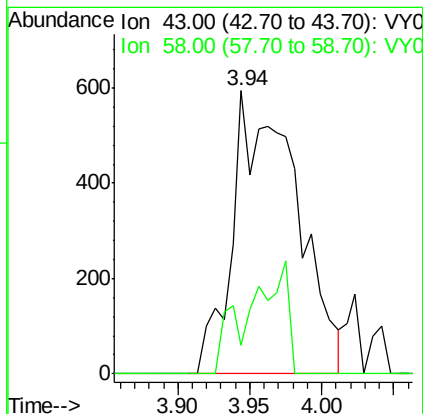
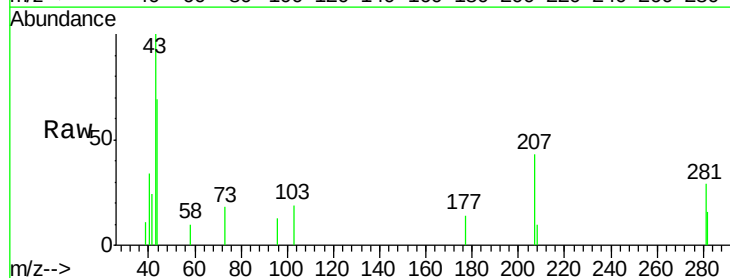
Tot Ion: 59 Resp: 768
 Ion Ratio Lower Upper
 59 100
 57 6.8 8.0 12.0#

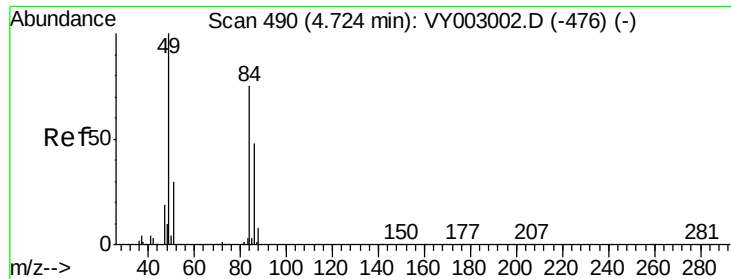


#16

Acetone
 Concen: 2.570 ug/l
 RT: 3.94 min Scan# 362
 Delta R.T. -0.01 min
 Lab File: VY003070.D
 Acq: 01 Jul 2020 19:47

Tgt Ion: 43 Resp: 1834
 Ion Ratio Lower Upper
 43 100
 58 10.3 24.7 37.1#

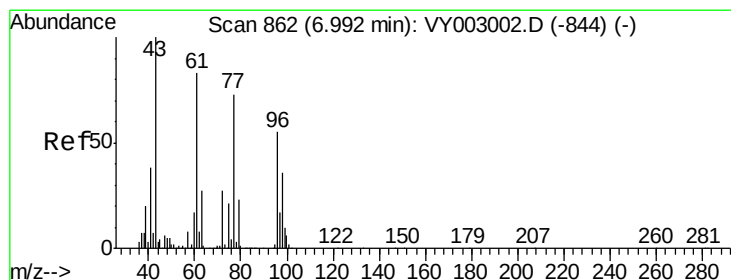
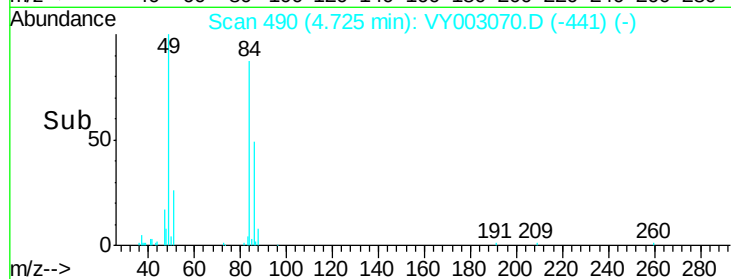
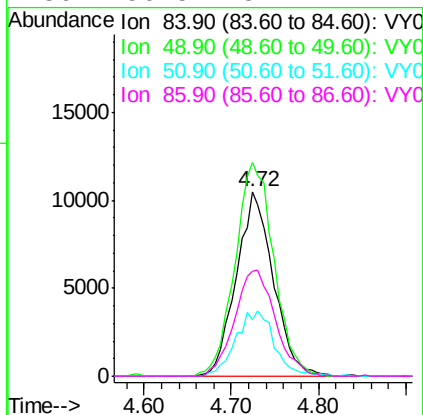
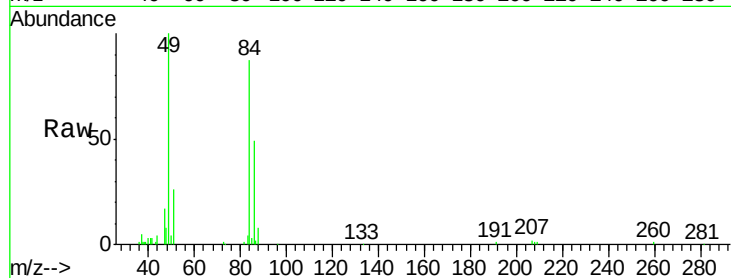




#20
Methylene Chloride
Concen: 3.132 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003070.D
Acq: 01 Jul 2020 19:47

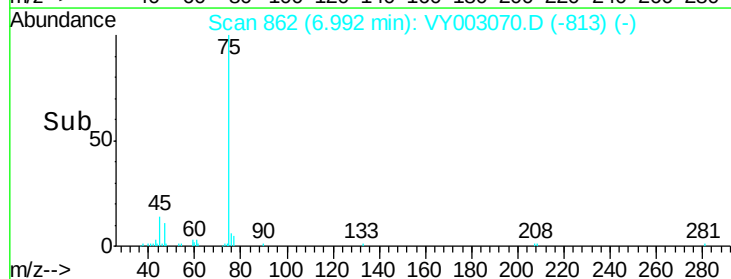
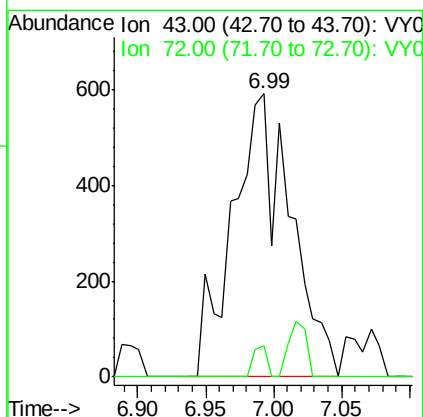
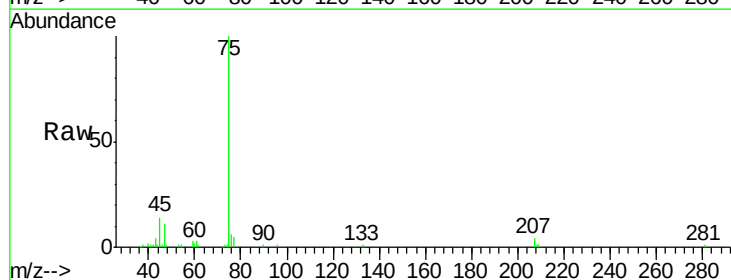
Instrument :
MSVOA_Y
ClientSampleId :
TP10-SS

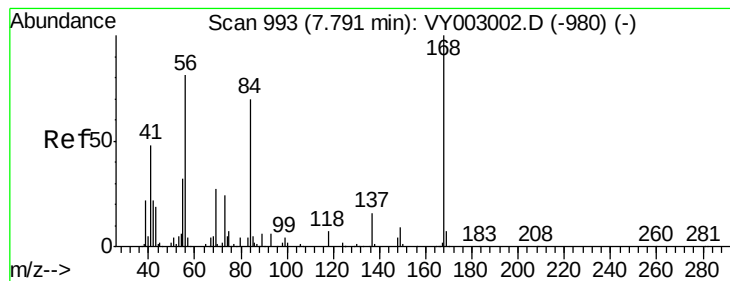
Tot Ion: 84 Resp: 30780
Ion Ratio Lower Upper
84 100
49 115.5 106.8 160.2
51 30.6 32.0 48.0#
86 56.5 51.4 77.2



#25
2-Butanone
Concen: 1.539 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003070.D
Acq: 01 Jul 2020 19:47

Tgt Ion: 43 Resp: 1745
Ion Ratio Lower Upper
43 100
72 11.1 21.4 32.0#





#31

Cyclohexane

Concen: 1.028 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003070.D

Acq: 01 Jul 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

TP10-SS

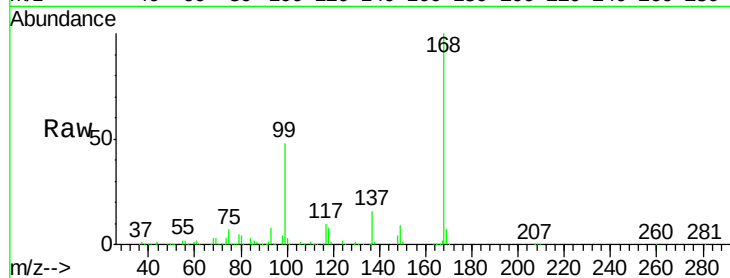
Tot Ion: 56 Resp: 5469

Ion Ratio Lower Upper

56 100

69 190.8 27.0 40.4#

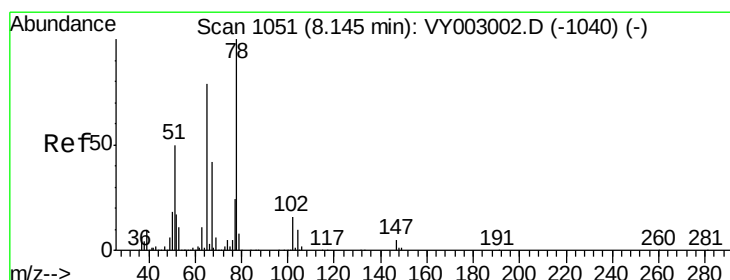
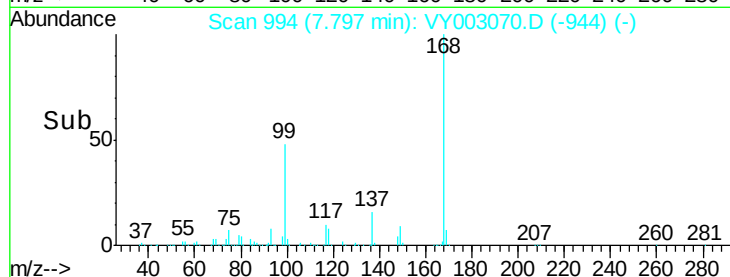
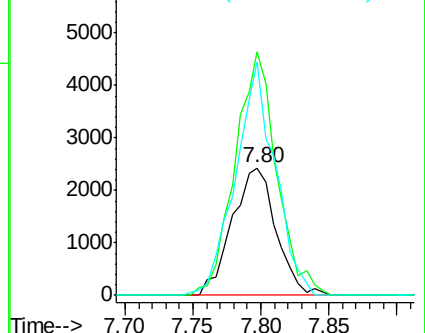
84 182.4 68.1 102.1#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 56.062 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003070.D

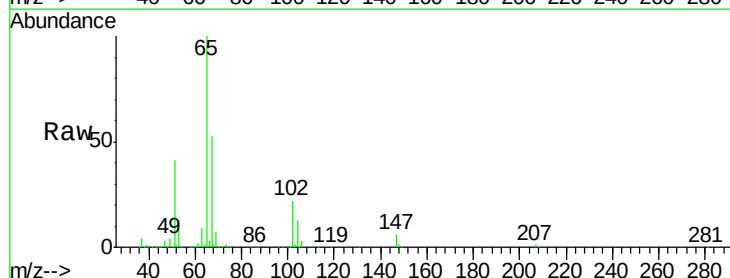
Acq: 01 Jul 2020 19:47

Tgt Ion: 65 Resp: 169631

Ion Ratio Lower Upper

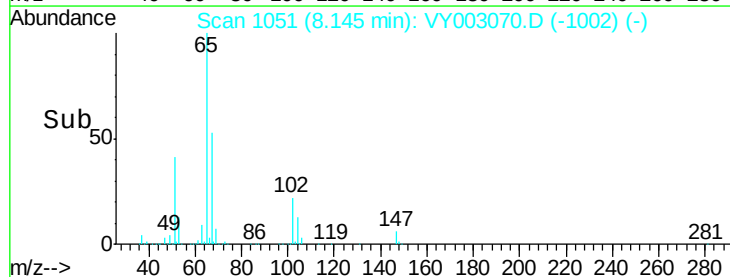
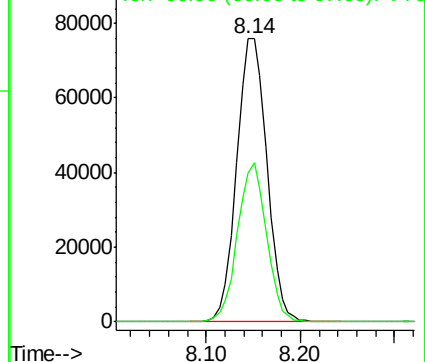
65 100

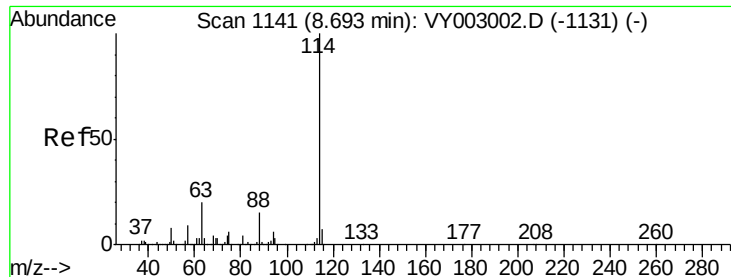
67 53.9 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

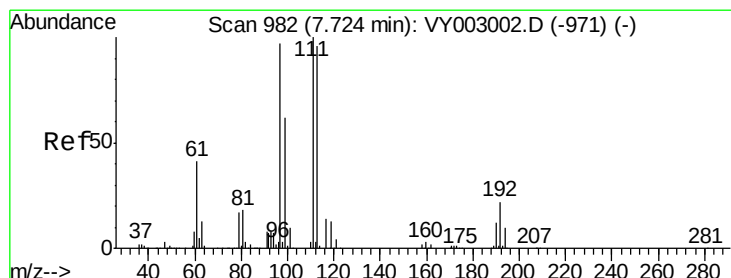
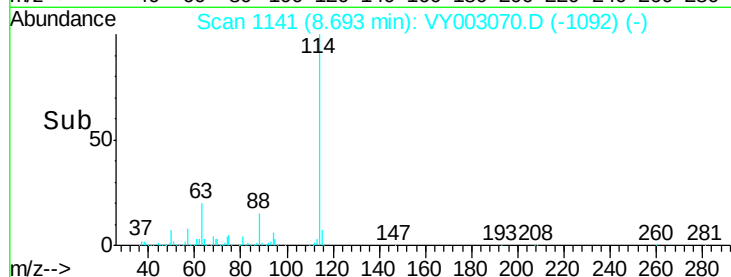
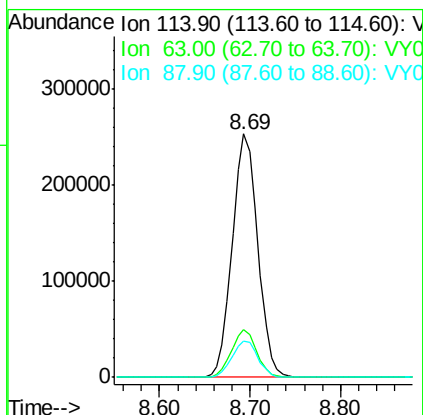
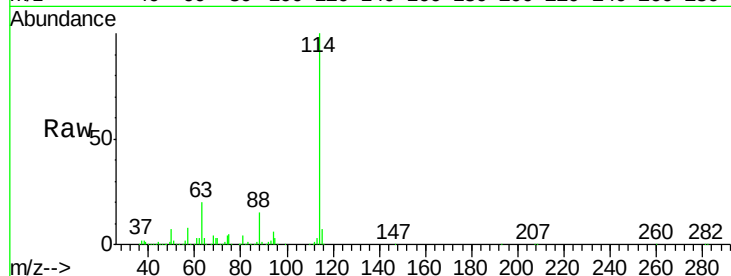




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003070.D
 Acq: 01 Jul 2020 19:47

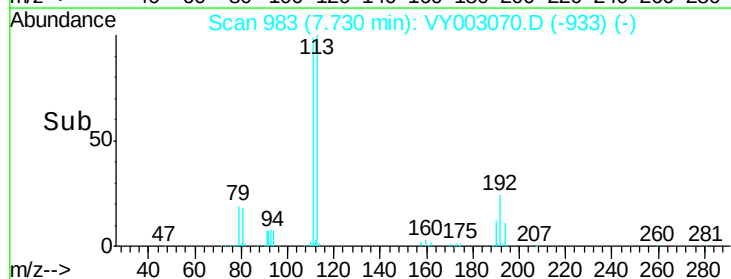
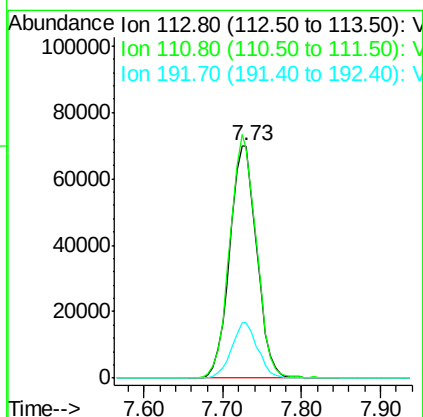
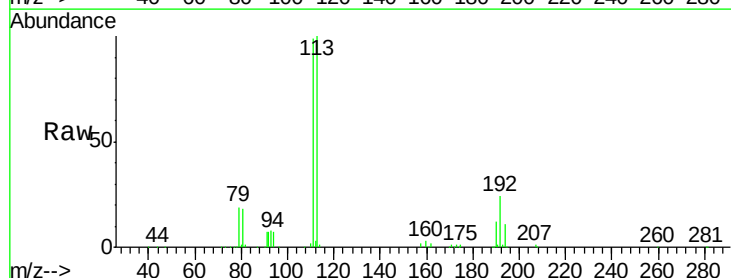
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP10-SS

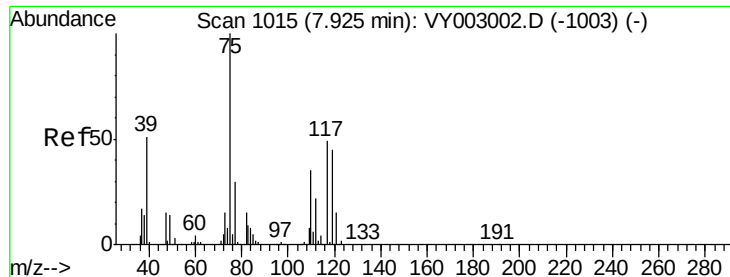
Tot Ion:114 Resp: 494582
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.6
 88 15.0 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 53.978 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY003070.D
 Acq: 01 Jul 2020 19:47

Tgt Ion:113 Resp: 166538
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.6 123.8
 192 22.8 18.1 27.1

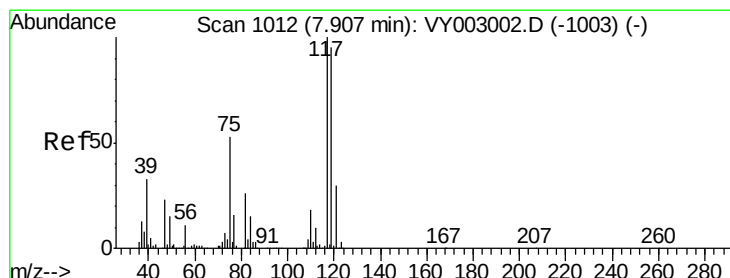
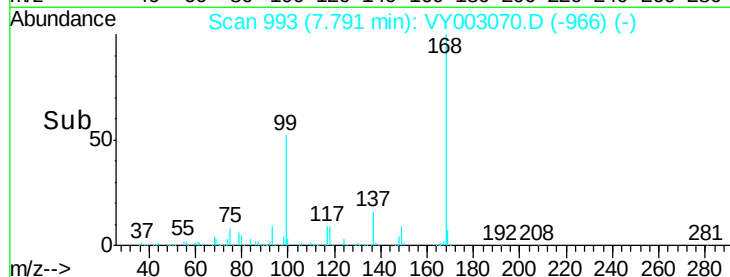
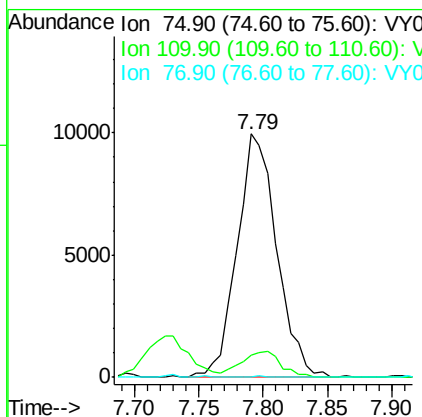
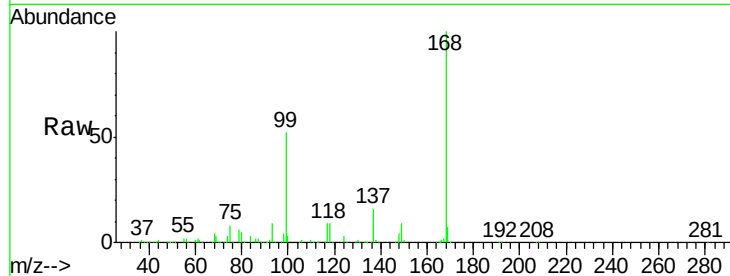




#36
 1,1-Dichloropropene
 Concen: 4.454 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003070.D
 Acq: 01 Jul 2020 19:47

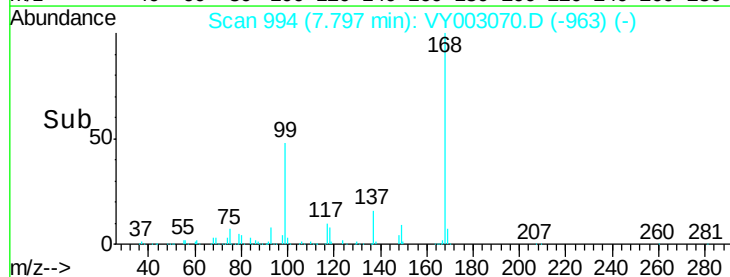
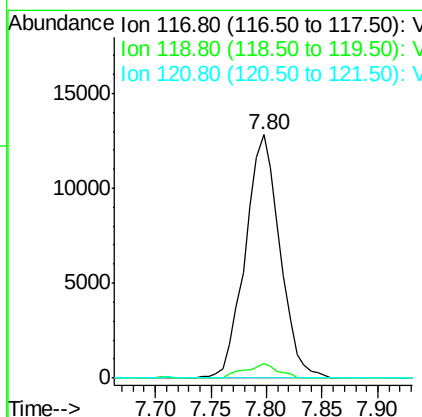
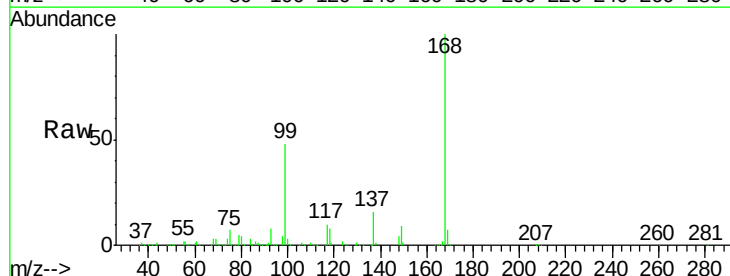
Instrument :
 MSVOA_Y
 ClientSampled :
 TP10-SS

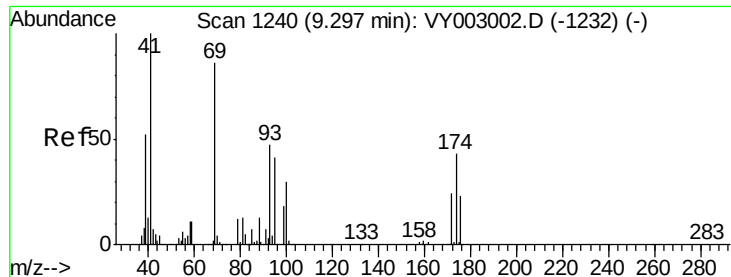
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.1	51.2#
77	0.2	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.599 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003070.D
 Acq: 01 Jul 2020 19:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.7	113.5#
121	0.0	23.9	35.9#

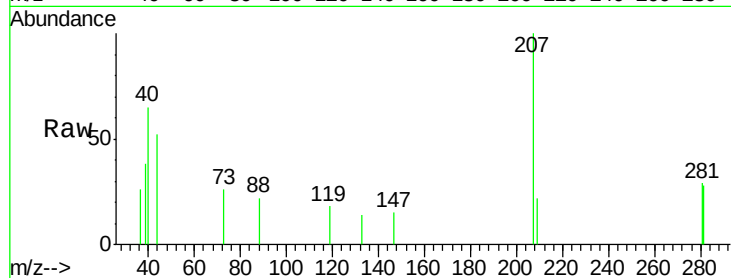




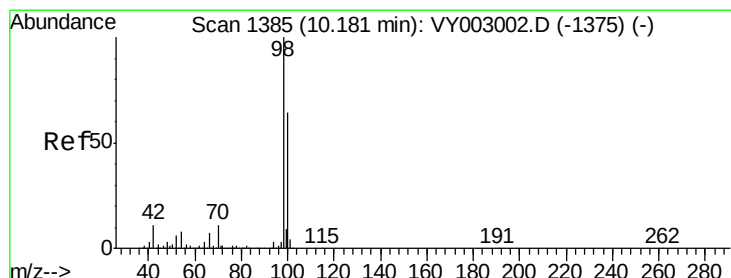
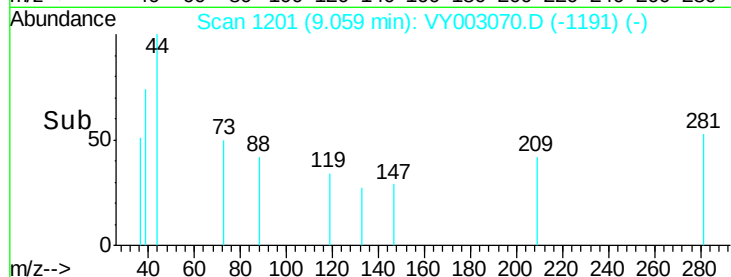
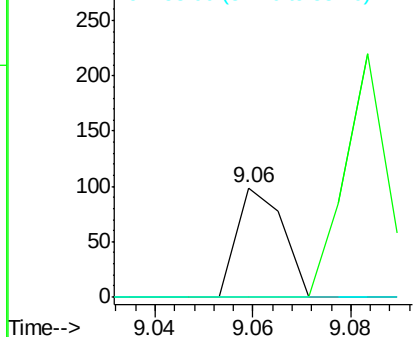
#49
1,4-Dioxane
Concen: 2.675 ug/l
RT: 9.06 min Scan# 1201
Delta R.T. -0.24 min
Lab File: VY003070.D
Acq: 01 Jul 2020 19:47

Instrument :
MSVOA_Y
ClientSampled :
TP10-SS

Tot Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 0.0 28.6 42.8#
58 0.0 56.7 85.1#

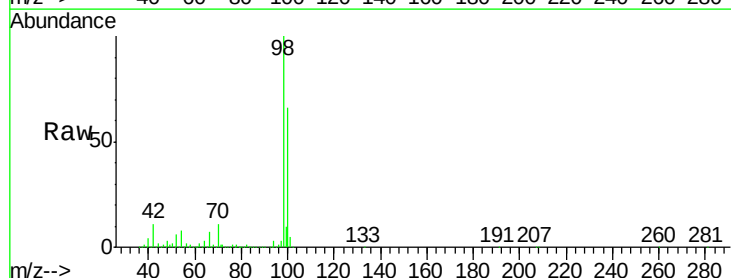


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

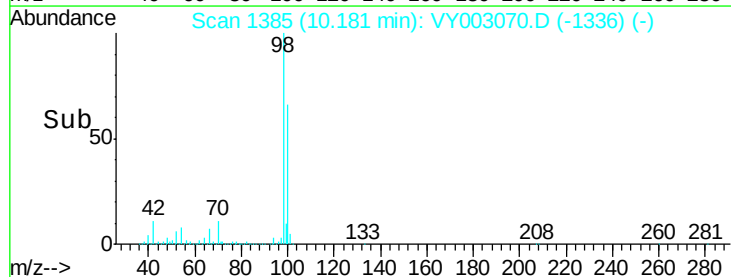
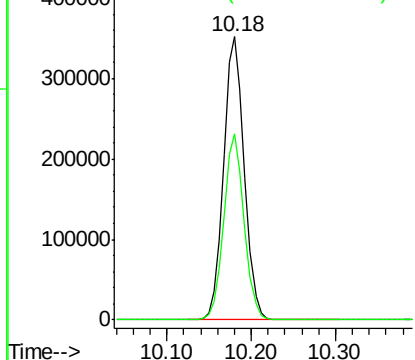


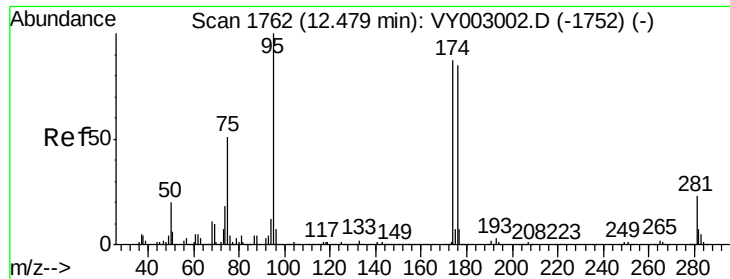
#50
Toluene-d8
Concen: 51.532 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003070.D
Acq: 01 Jul 2020 19:47

Tgt Ion: 98 Resp: 592315
Ion Ratio Lower Upper
98 100
100 64.3 51.1 76.7



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

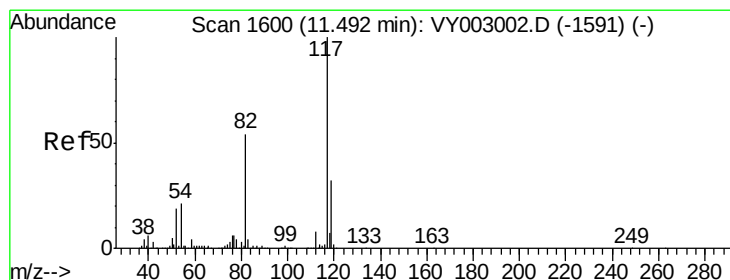
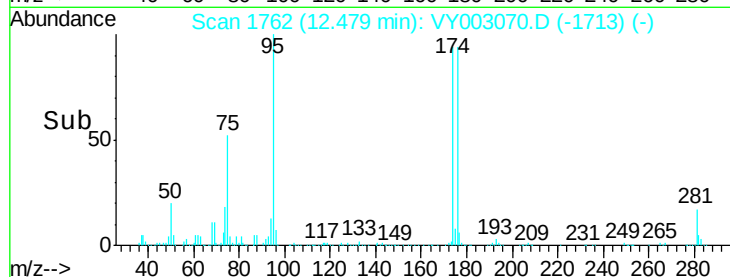
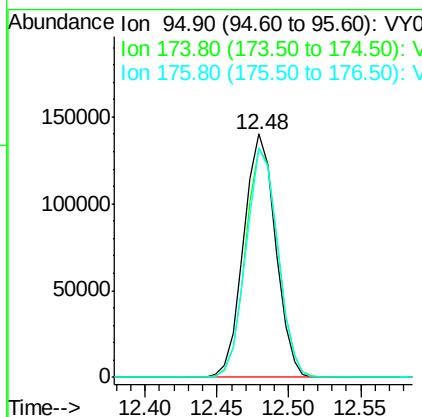
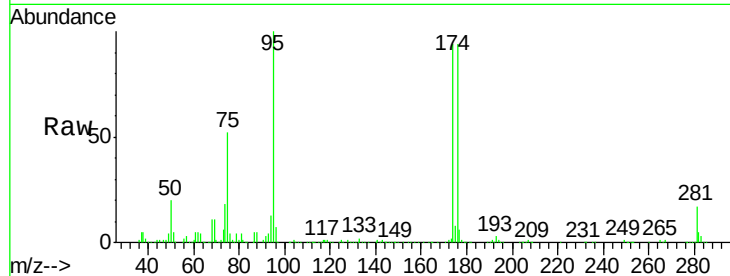




#62
4-Bromofluorobenzene
Concen: 53.205 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003070.D
Acq: 01 Jul 2020 19:47

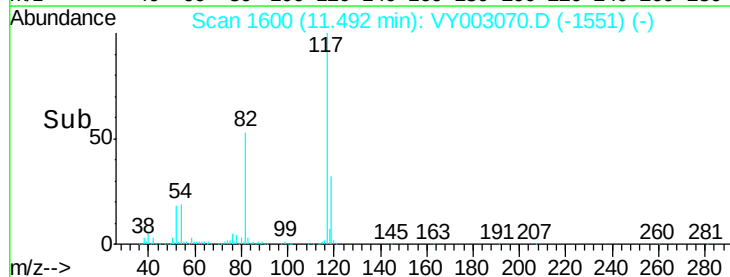
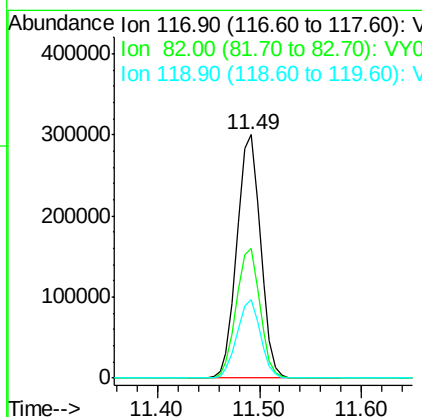
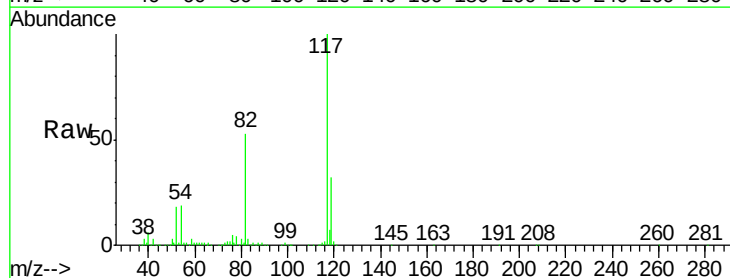
Instrument :
MSVOA_Y
ClientSampleId :
TP10-SS

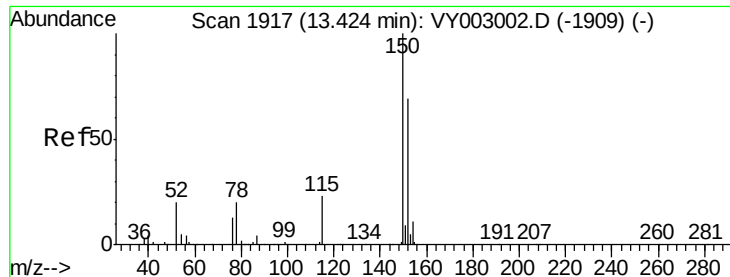
Tot Ion: 95 Resp: 215262
Ion Ratio Lower Upper
95 100
174 95.2 0.0 184.8
176 93.2 0.0 183.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003070.D
Acq: 01 Jul 2020 19:47

Tgt Ion: 117 Resp: 478232
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.6
119 32.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003070.D

Acq: 01 Jul 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

TP10-SS

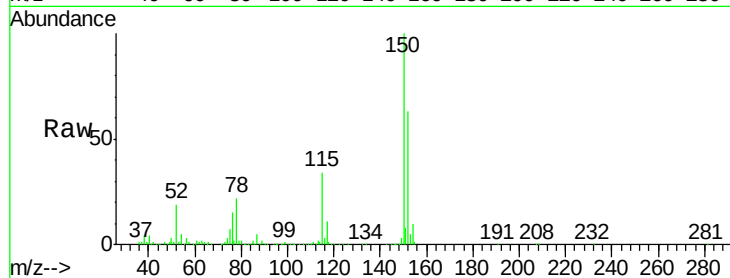
Tot Ion:152 Resp: 250943

Ion Ratio Lower Upper

152 100

115 53.9 27.3 81.9

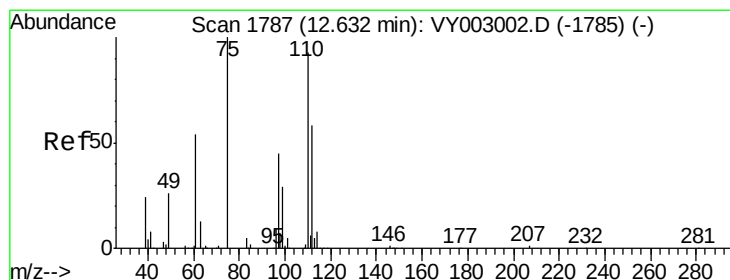
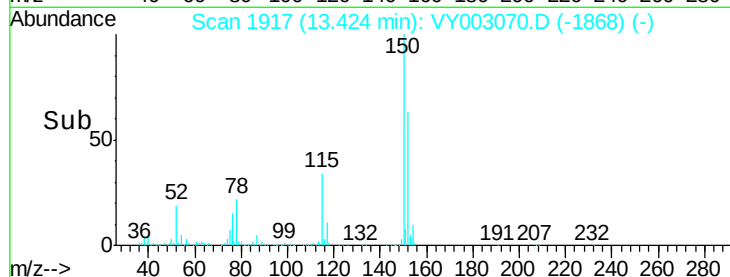
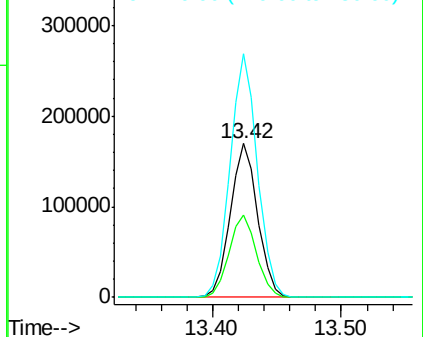
150 157.9 0.0 343.4



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: 45.086 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003070.D

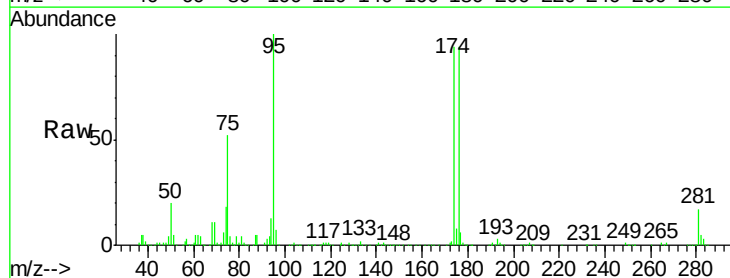
Acq: 01 Jul 2020 19:47

Tgt Ion: 75 Resp: 111974

Ion Ratio Lower Upper

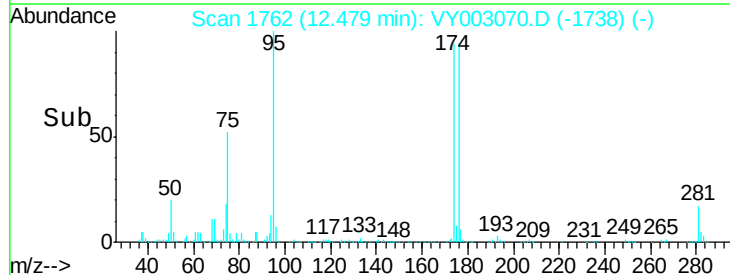
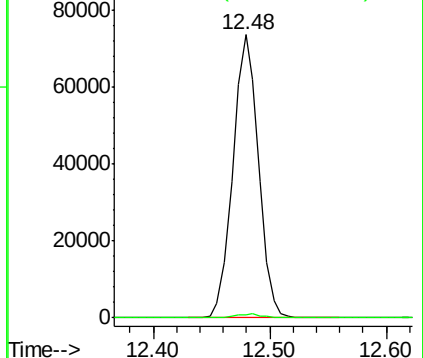
75 100

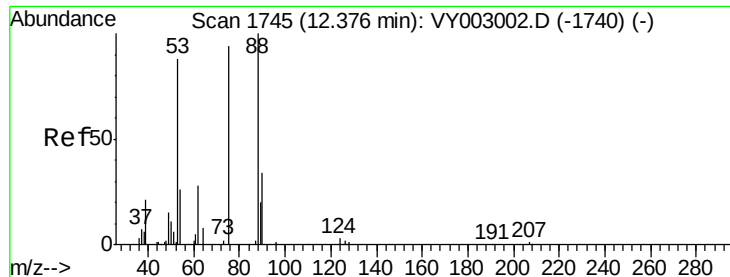
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

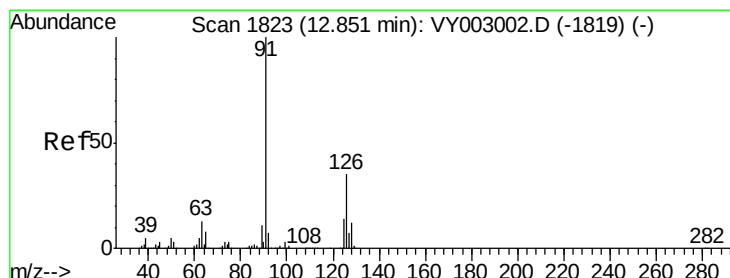
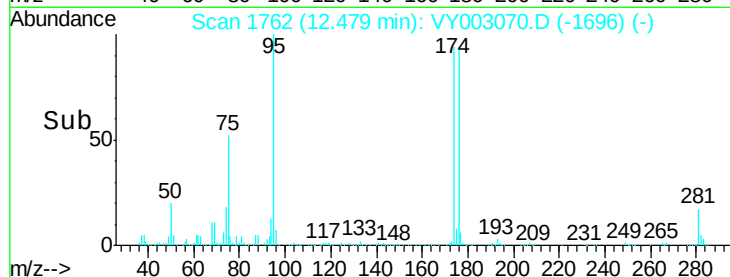
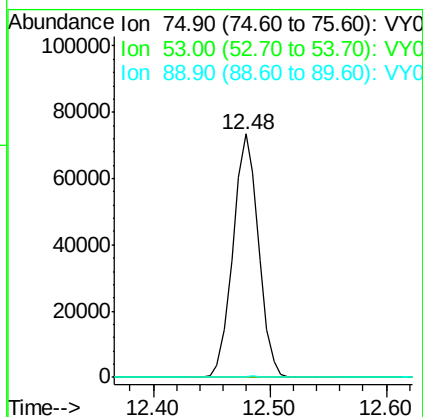
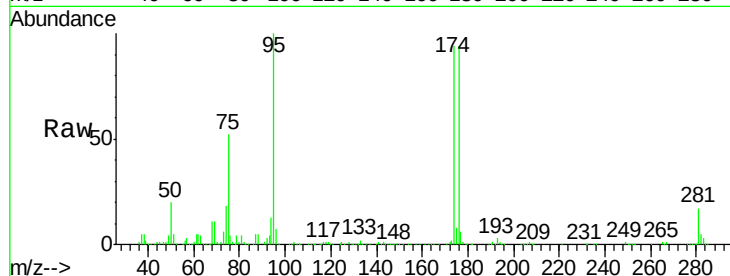




#81
trans-1,4-Dichloro-2-butene
Concen: 87.718 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY003070.D
Acq: 01 Jul 2020 19:47

Instrument :
MSVOA_Y
ClientSampleId :
TP10-SS

Tot Ion: 75 Resp: 111974
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.4 37.5 56.3#



#82
4-Chlorotoluene
Concen: 1.117 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY003070.D
Acq: 01 Jul 2020 19:47

Tgt Ion: 91 Resp: 12826
Ion Ratio Lower Upper
91 100
126 37.7 17.4 52.3

