

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003260.D
 Acq On : 21 Jul 2020 19:39
 Operator : SY/MD
 Sample : L3335-06
 Misc : 7.42G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-S2

Quant Time: Jul 22 02:45:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

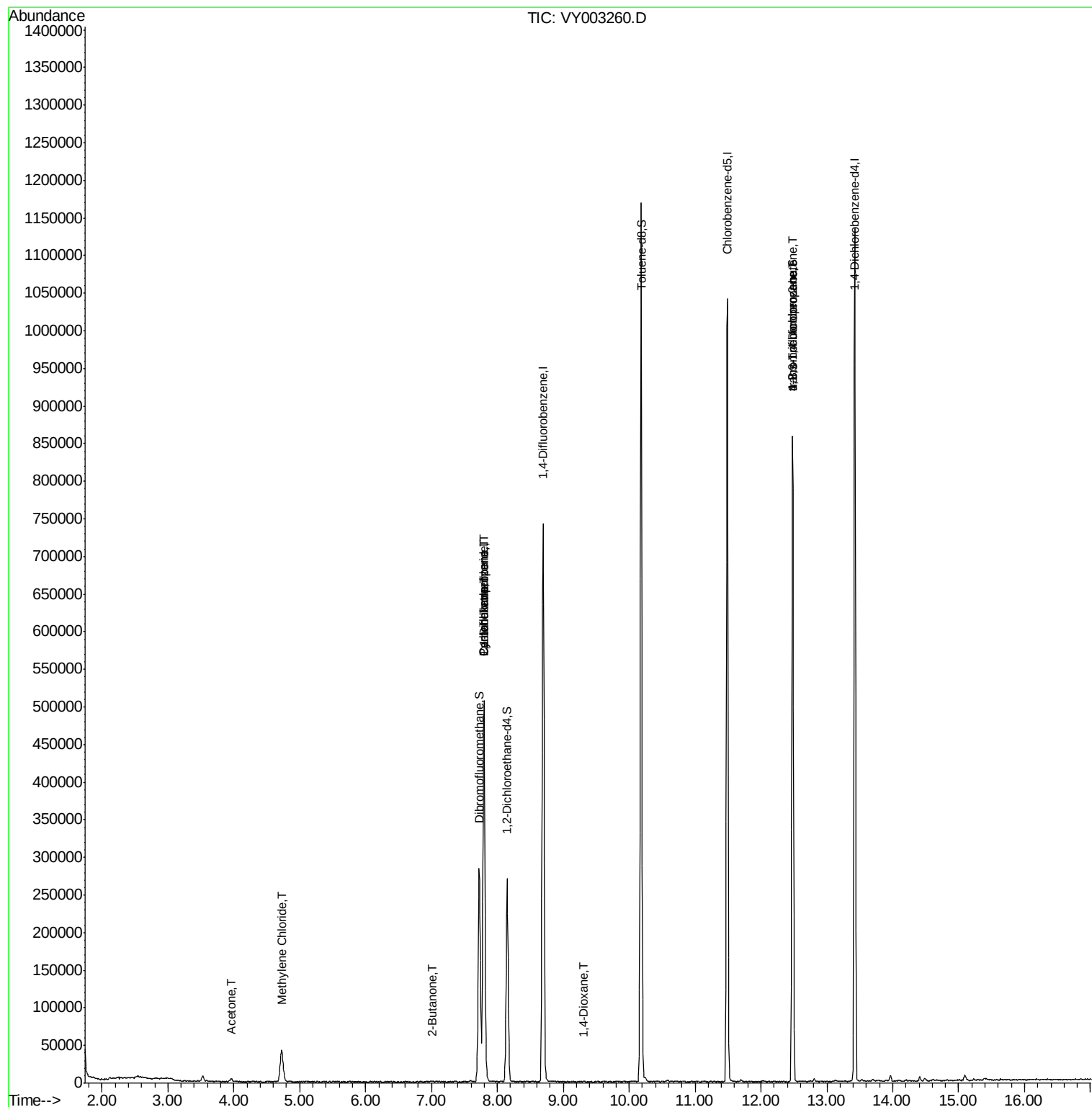
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	400198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	635669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	577436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	293437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	206277	61.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.14%	
35) Dibromofluoromethane	7.72	113	196121	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
50) Toluene-d8	10.18	98	760974	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
62) 4-Bromofluorobenzene	12.48	95	246274	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	5694	7.547	ug/l	98
20) Methylene Chloride	4.72	84	33657	3.787	ug/l	99
25) 2-Butanone	7.00	43	1492	1.204	ug/l #	87
31) Cyclohexane	7.80	56	7447	1.212	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	27604	4.791	ug/l #	50
38) Carbon Tetrachloride	7.80	117	36349	6.111	ug/l #	17
49) 1,4-Dioxane	9.31	88	42	1.380	ug/l #	28
76) 1,2,3-Trichloropropane	12.48	75	128623	49.519	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	128623	96.374	ug/l #	13

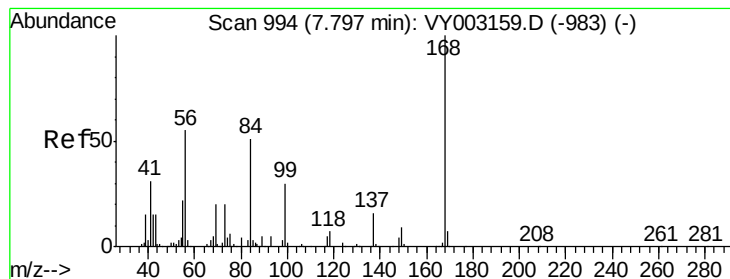
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
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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: VY003260.D

Acq: 21 Jul 2020 19:39

Instrument :

MSVOA_Y

ClientSampled :

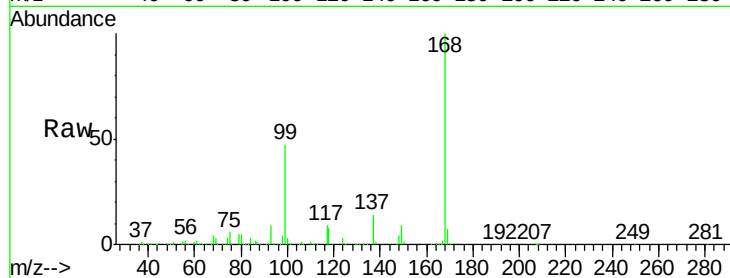
TP-11-S2

Tot Ion:168 Resp: 400198

Ion Ratio Lower Upper

168 100

99 46.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003260.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003260.D (-945) (-)

7.80

200000

150000

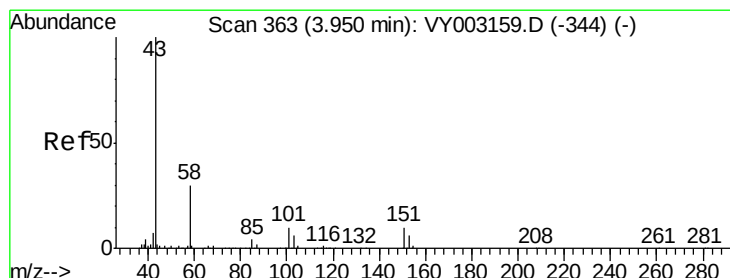
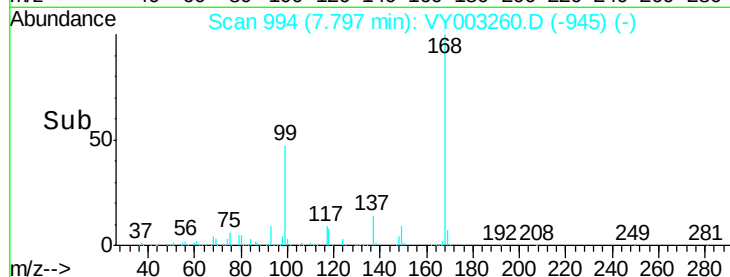
100000

50000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 7.547 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003260.D

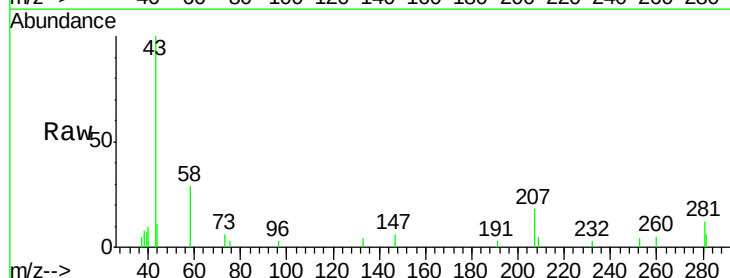
Acq: 21 Jul 2020 19:39

Tgt Ion: 43 Resp: 5694

Ion Ratio Lower Upper

43 100

58 28.7 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003260.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003260.D (-314) (-)

3.96

2000

1500

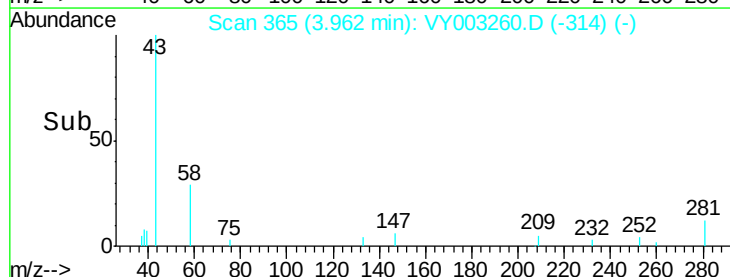
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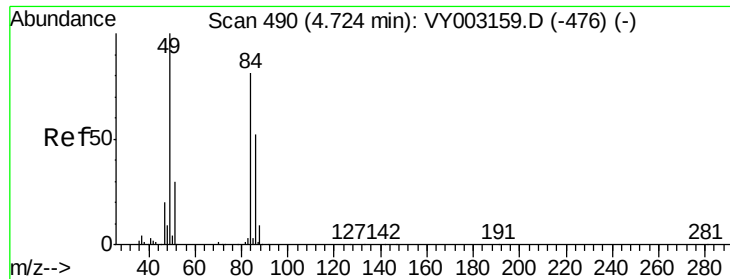
500

0

3.90 4.00 4.10

Time-->

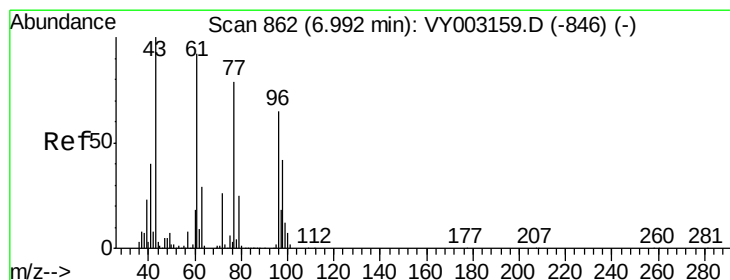
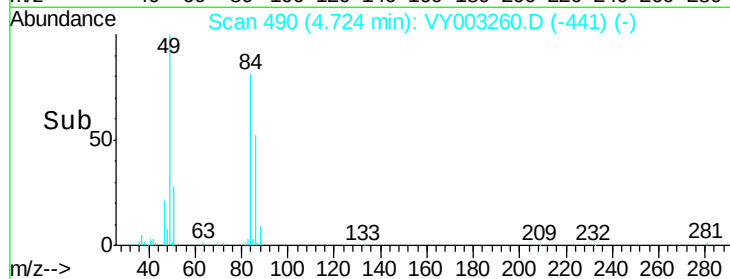
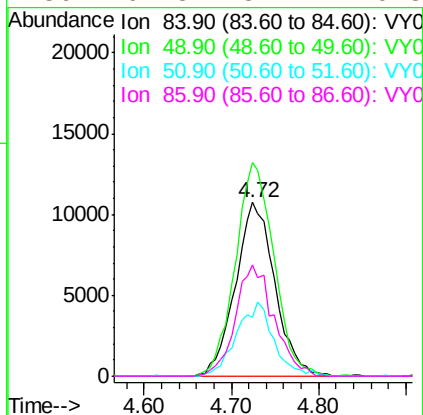
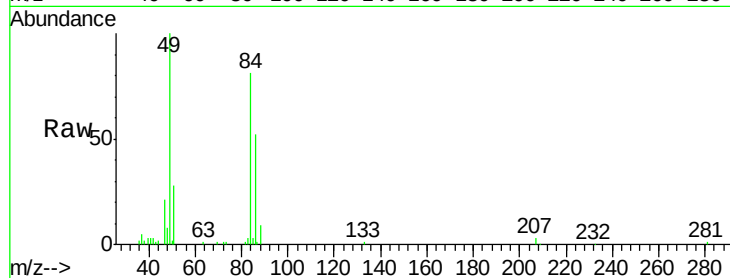




#20
Methylene Chloride
Concen: 3.787 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003260.D
Acq: 21 Jul 2020 19:39

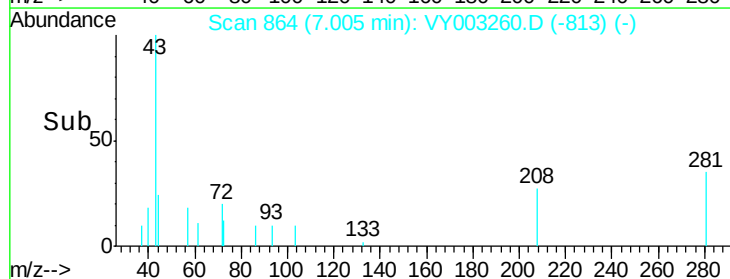
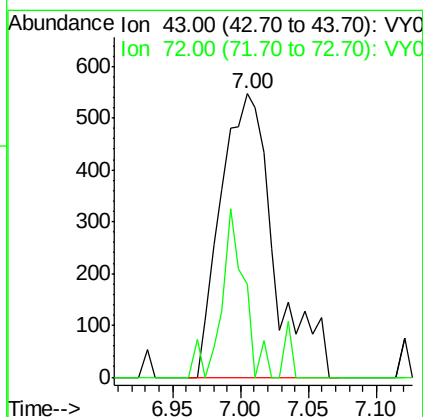
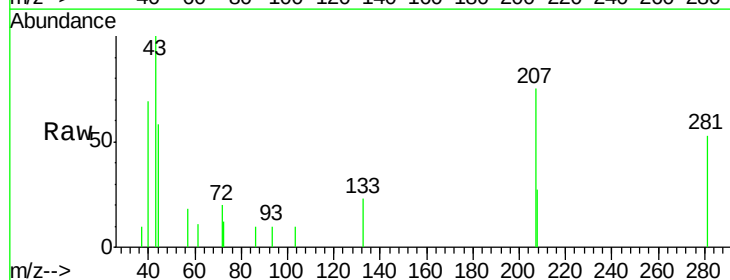
Instrument :
MSVOA_Y
ClientSampled :
TP-11-S2

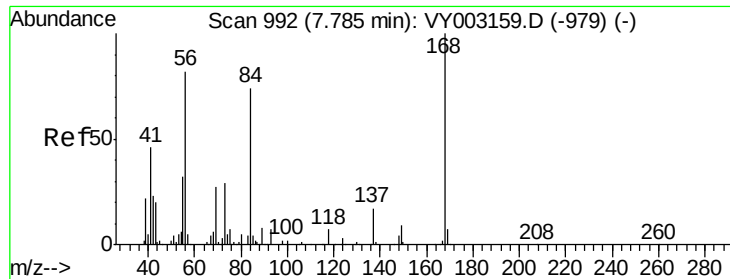
Tot Ion:	84	Resp:	33657
Ion	Ratio	Lower	Upper
84	100		
49	122.9	98.2	147.4
51	33.9	29.8	44.6
86	64.3	51.2	76.8



#25
2-Butanone
Concen: 1.204 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY003260.D
Acq: 21 Jul 2020 19:39

Tgt Ion:	43	Resp:	1492
Ion	Ratio	Lower	Upper
43	100		
72	32.7	20.9	31.3#

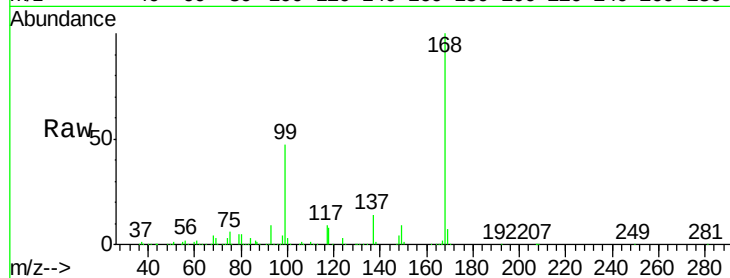




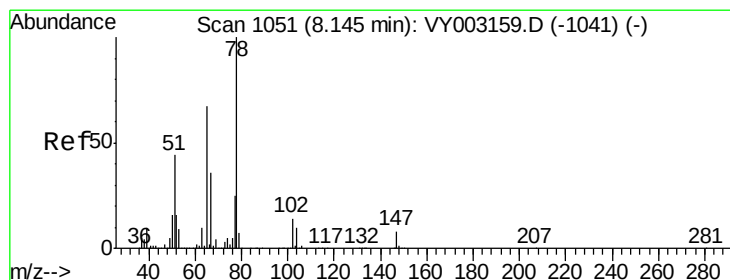
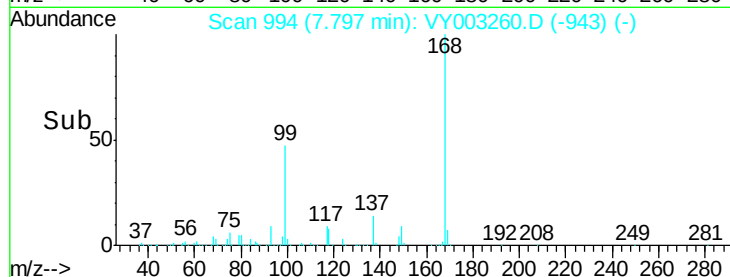
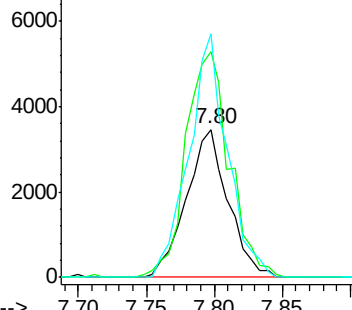
#31
Cyclohexane
Concen: 1.212 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003260.D
Acq: 21 Jul 2020 19:39

Instrument :
MSVOA_Y
ClientSampleId :
TP-11-S2

Tot Ion: 56 Resp: 7447
Ion Ratio Lower Upper
56 100
69 152.8 26.7 40.1#
84 164.4 72.3 108.5#

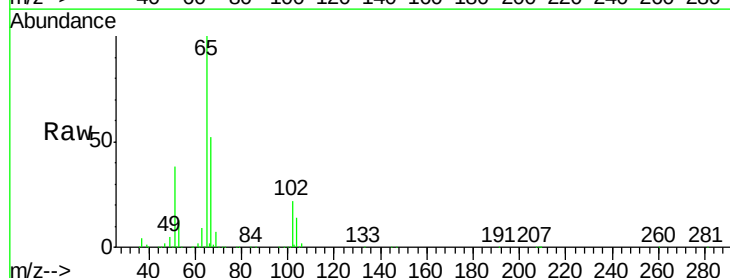


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

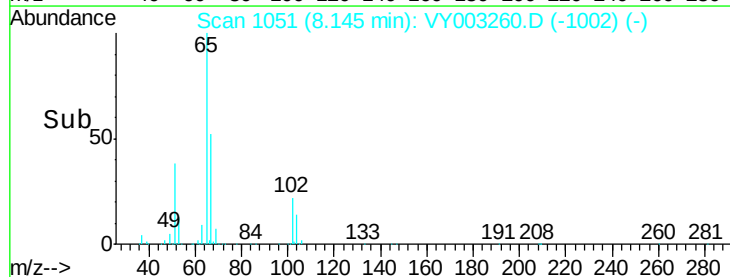
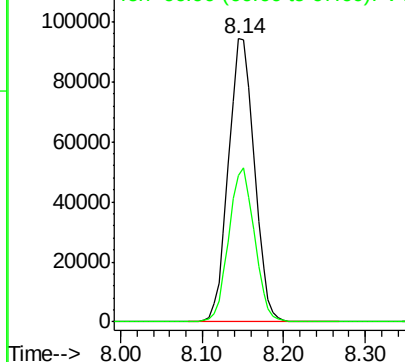


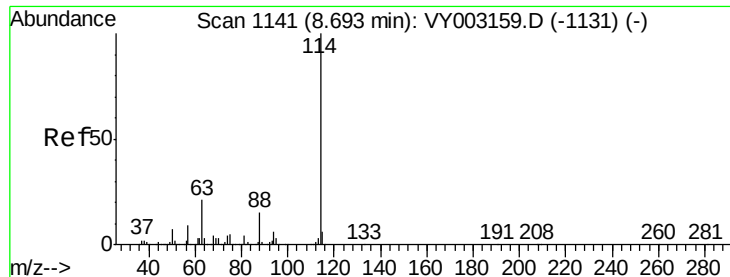
#33
1,2-Dichloroethane-d4
Concen: 61.068 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003260.D
Acq: 21 Jul 2020 19:39

Tgt Ion: 65 Resp: 206277
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

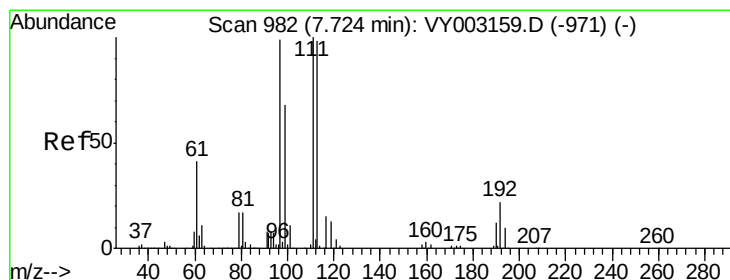
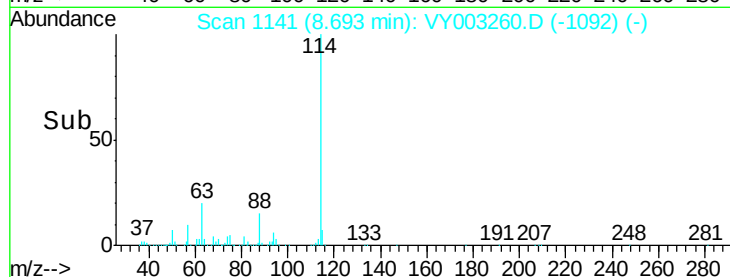
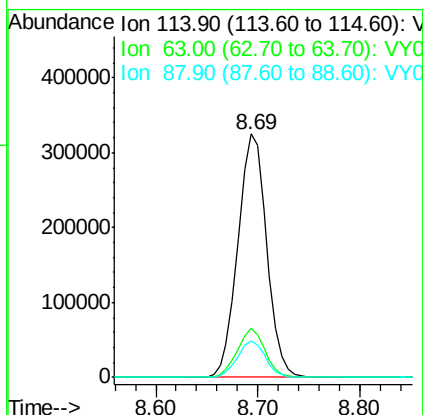
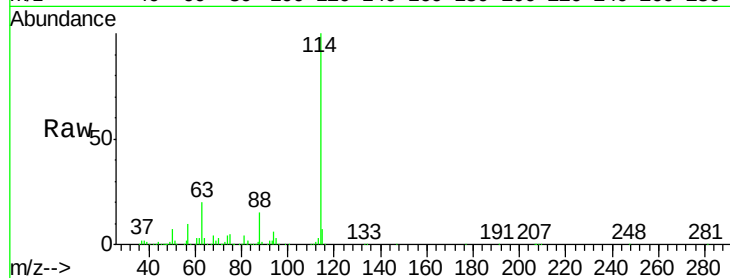




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003260.D
 Acq: 21 Jul 2020 19:39

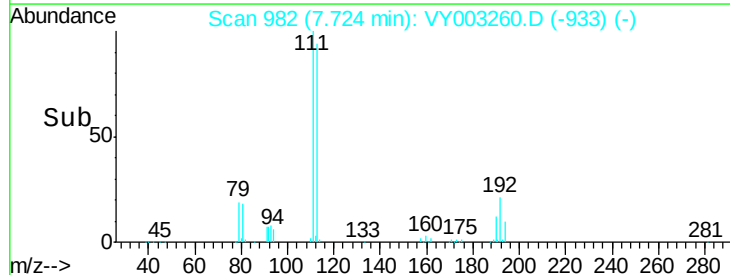
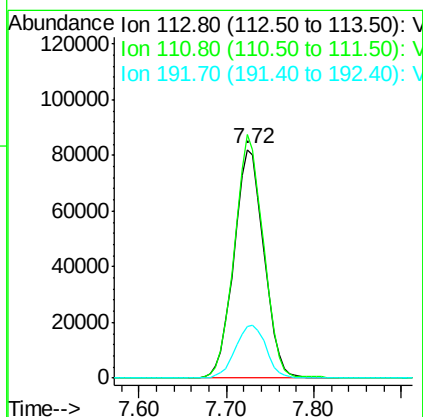
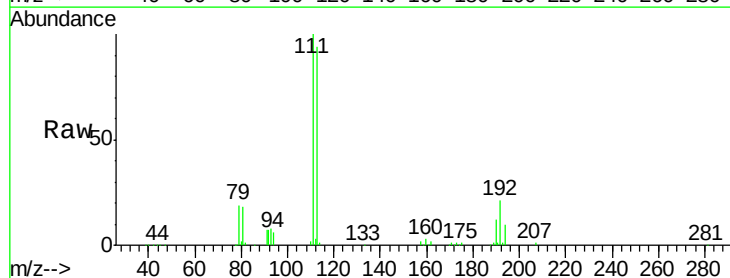
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-S2

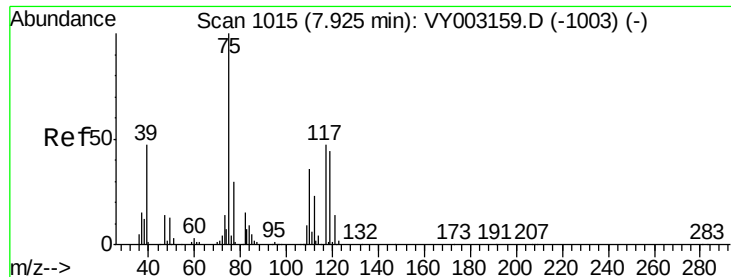
Tot Ion:114 Resp: 635669
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.2
 88 14.7 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 53.612 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003260.D
 Acq: 21 Jul 2020 19:39

Tgt Ion:113 Resp: 196121
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.1 123.1
 192 23.5 18.8 28.2

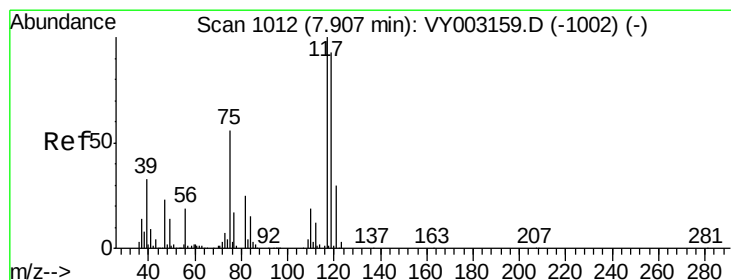
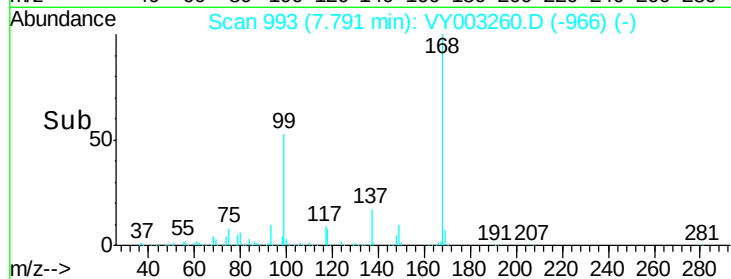
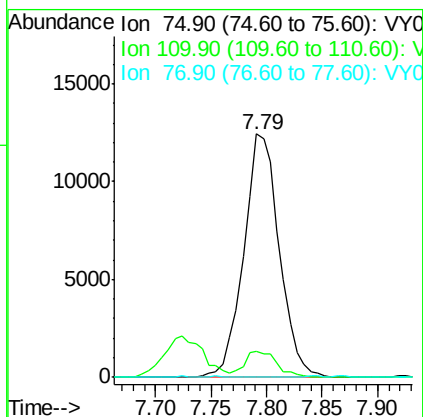
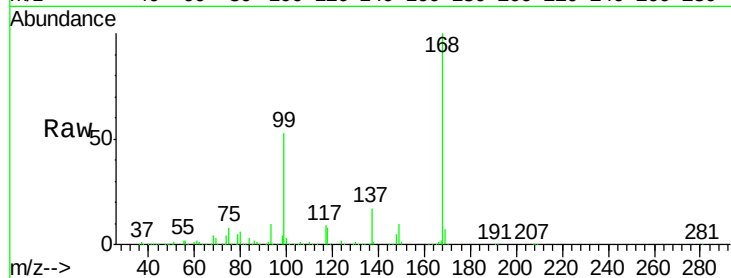




#36
 1,1-Dichloropropene
 Concen: 4.791 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003260.D
 Acq: 21 Jul 2020 19:39

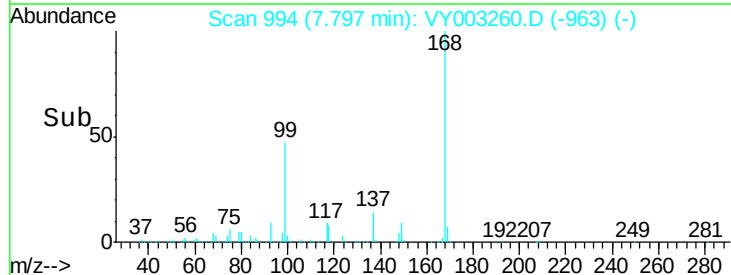
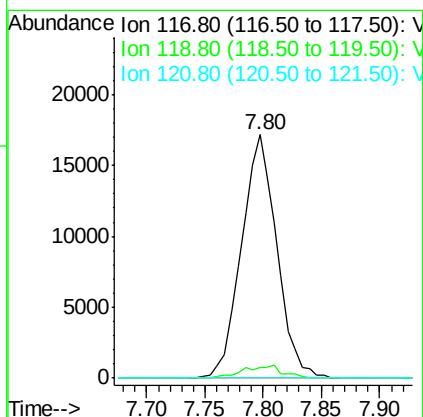
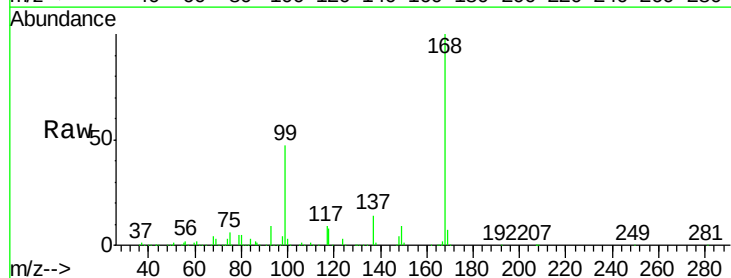
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-S2

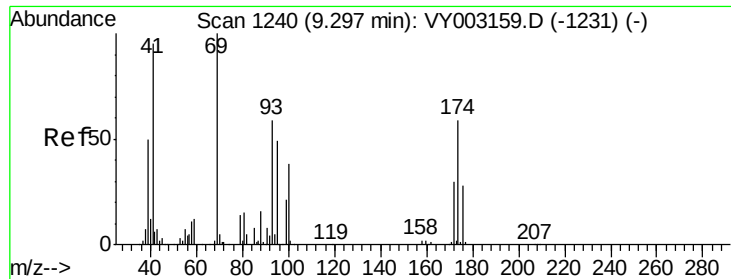
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.1	54.1#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.111 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY003260.D
 Acq: 21 Jul 2020 19:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	74.5	111.7#
121	0.0	24.2	36.2#

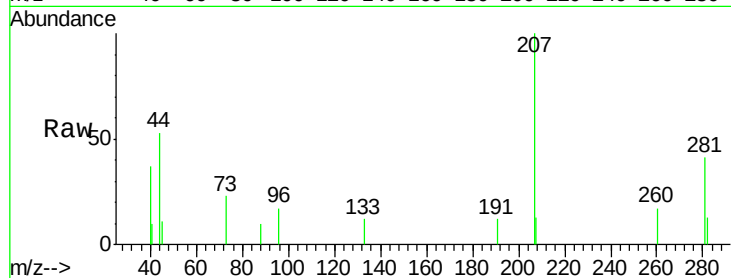




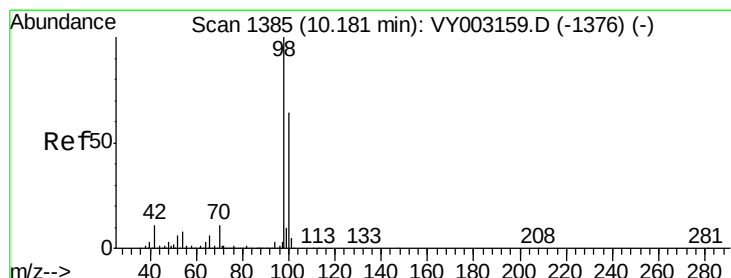
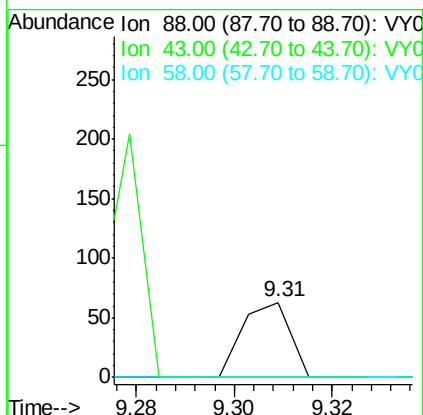
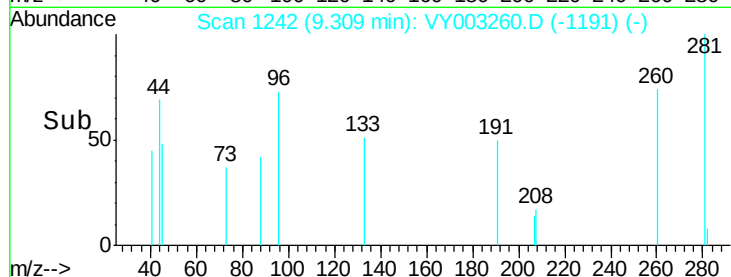
#49
1,4-Dioxane
Concen: 1.380 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY003260.D
Acq: 21 Jul 2020 19:39

Instrument :
MSVOA_Y
ClientSampled :
TP-11-S2

Tot Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
43 0.0 25.6 38.4#
58 0.0 47.8 71.6#

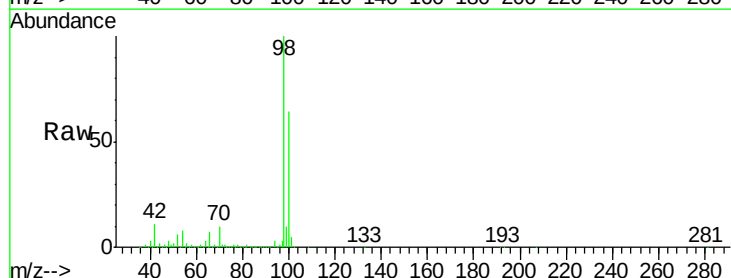


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

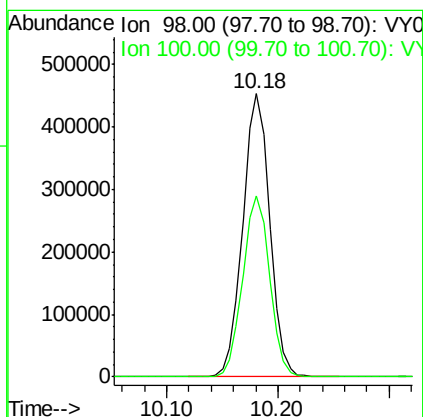
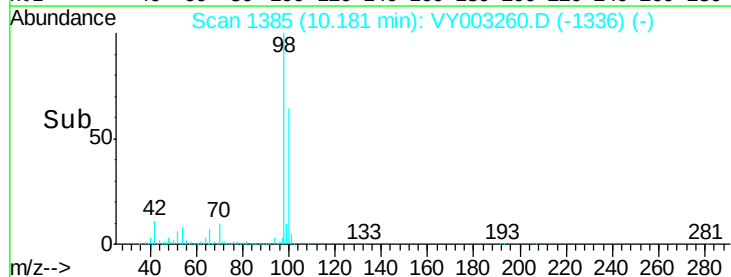


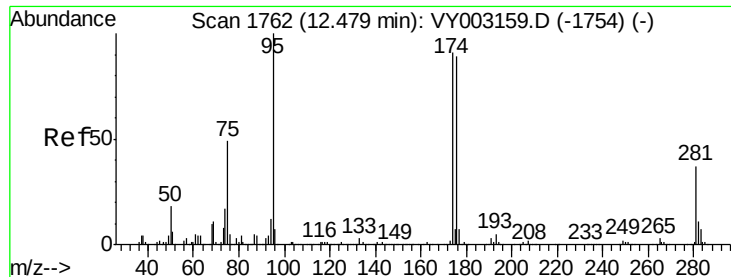
#50
Toluene-d8
Concen: 55.953 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003260.D
Acq: 21 Jul 2020 19:39

Tgt Ion: 98 Resp: 760974
Ion Ratio Lower Upper
98 100
100 64.2 50.7 76.1



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

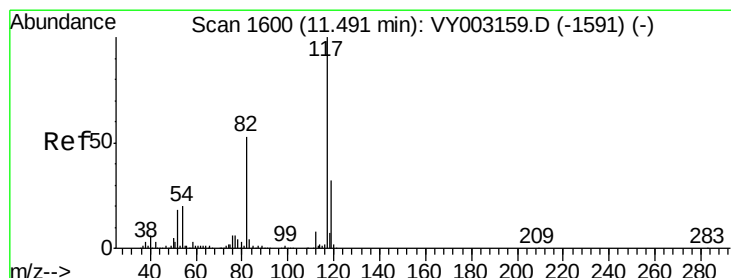
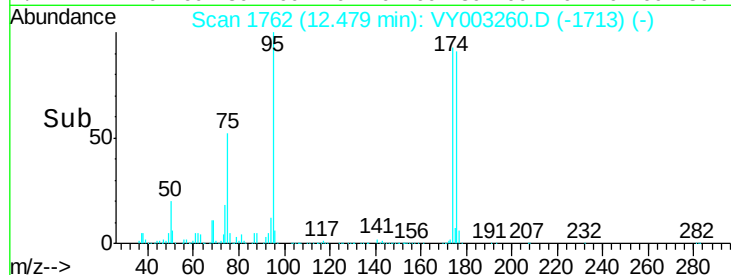
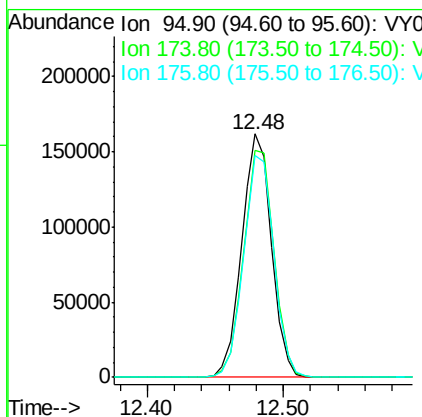
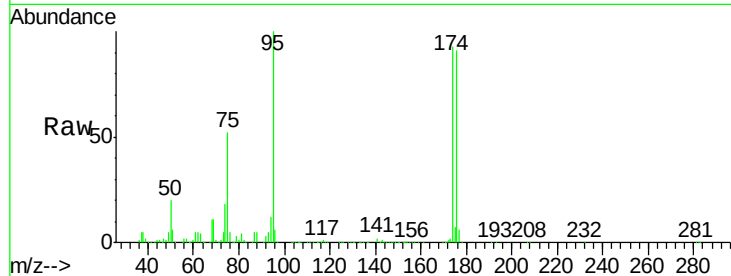




#62
4-Bromofluorobenzene
Concen: 50.125 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003260.D
Acq: 21 Jul 2020 19:39

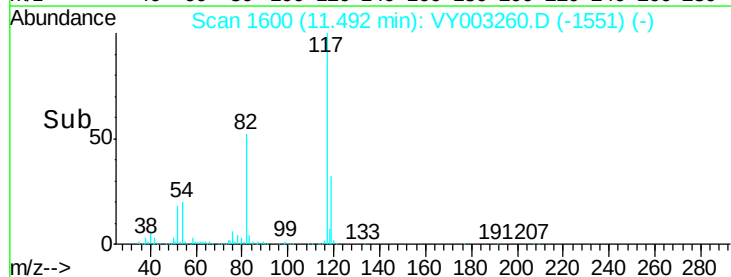
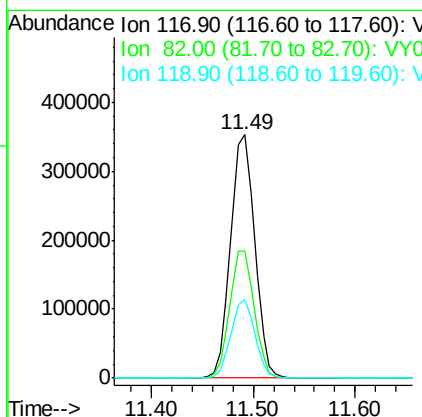
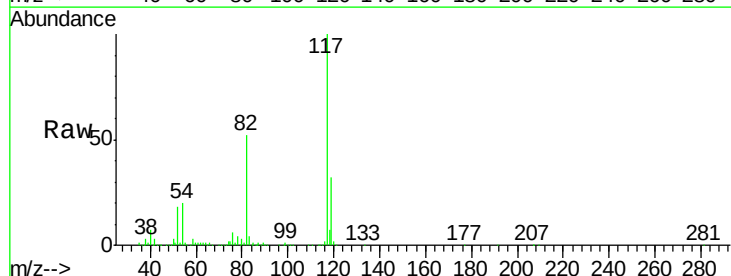
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-S2

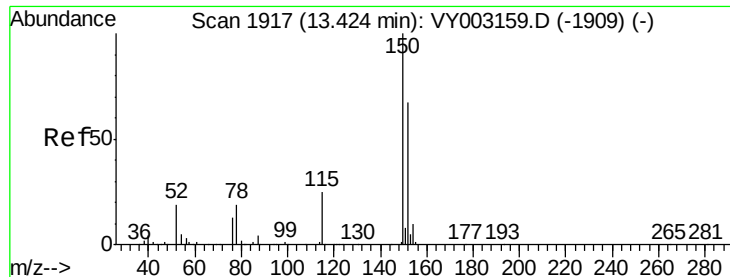
Tot Ion: 95 Resp: 246274
Ion Ratio Lower Upper
95 100
174 95.8 0.0 190.6
176 93.5 0.0 186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003260.D
Acq: 21 Jul 2020 19:39

Tgt Ion: 117 Resp: 577436
Ion Ratio Lower Upper
117 100
82 52.3 42.0 63.0
119 32.4 25.5 38.3

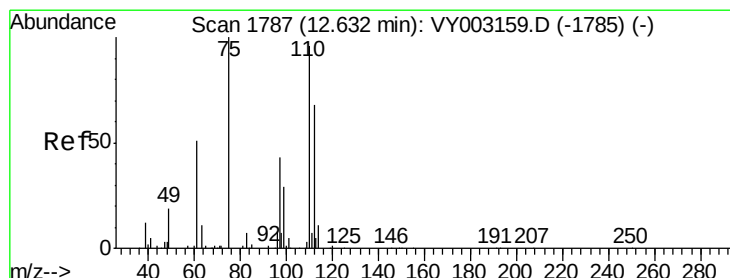
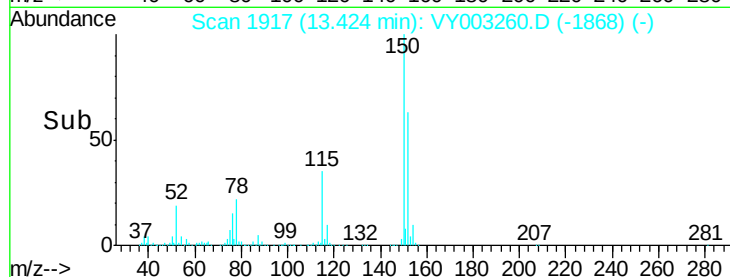
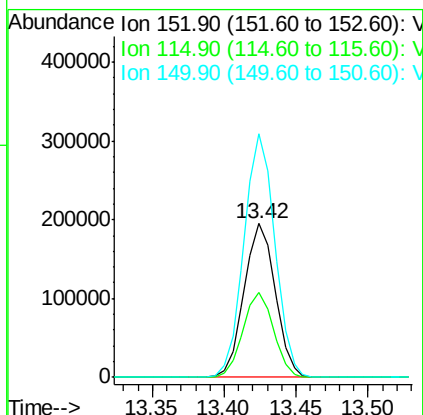
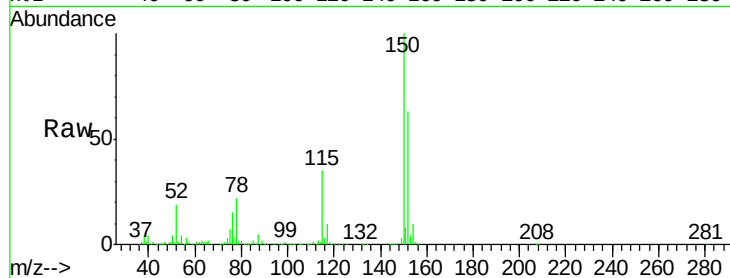




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VY003260.D
 Acq: 21 Jul 2020 19:39

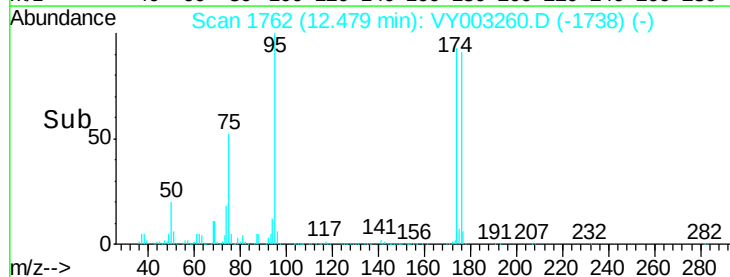
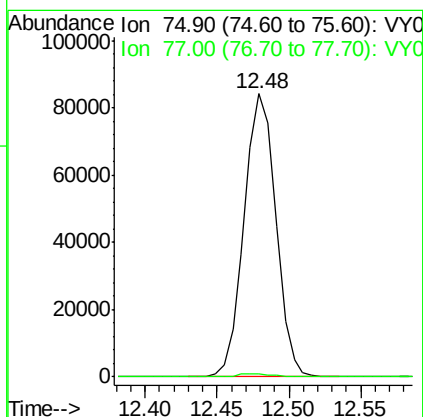
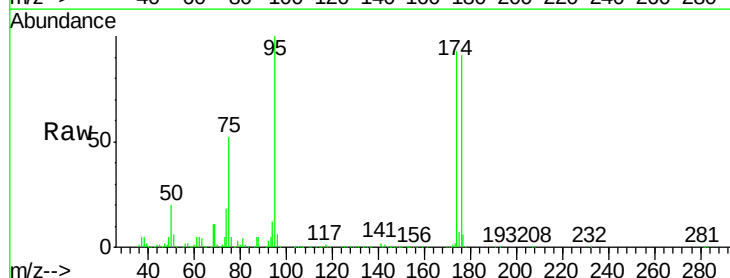
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-11-S2

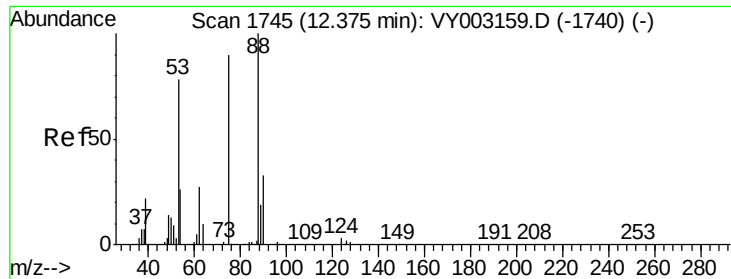
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.1	26.9	80.7
150	156.2	0.0	338.0



#76
 1,2,3-Trichloropropane
 Concen: 49.519 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY003260.D
 Acq: 21 Jul 2020 19:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0





#81

trans-1,4-Dichloro-2-butene

Concen: 96.374 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003260.D

Acq: 21 Jul 2020 19:39

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-S2

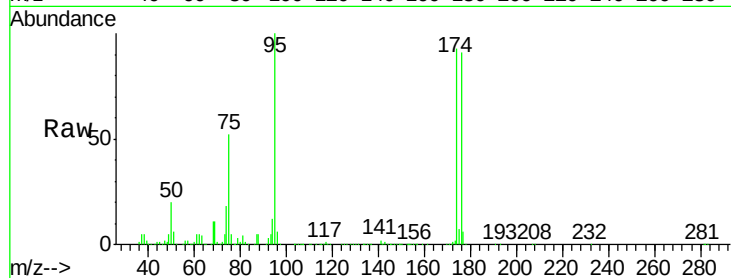
Tot Ion: 75 Resp: 128623

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.1 37.3 55.9#



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

